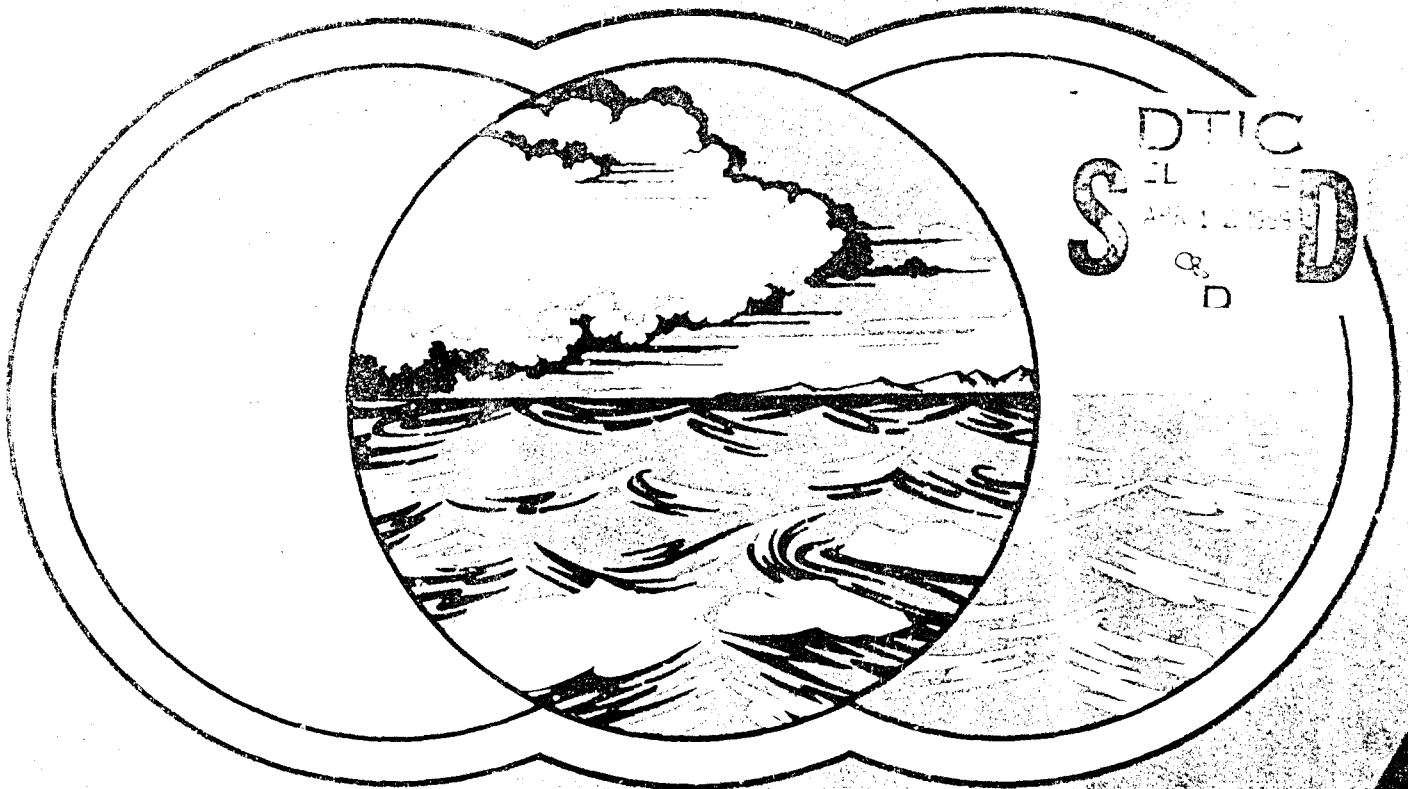


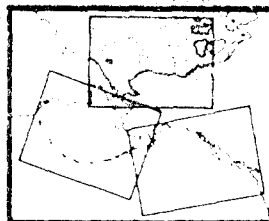
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CLIMATIC ATLAS

OF THE OUTER CONTINENTAL SHELF WATERS
AND COASTAL REGIONS OF ALASKA



VOLUME III
II-BEAUFORT SEA



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OCEAN ASSESSMENT DIVISION, ALASKA OFFICE

CLIMATIC ATLAS

OF THE OUTER CONTINENTAL SHELF WATERS AND COASTAL REGIONS OF ALASKA

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Climate Impact Perception and Adjustment Experiment (CLIMPAX), U.S. Department of Commerce Recreational Day Summaries, and numerous other special studies such as climate change in North America as related to increasing concentrations of CO_2 . Among his previous assignments were tours of duty as a National Weather Service specialist at Cordova, Cold Bay, and Annette, Alaska.

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The extremes data in the first section were updated through 1984 from a published *Alaska Climate Summaries* done by AEIDC in another project, published Canadian normals 1951-1980, and data supplied by Drs. Howard Critchfield and Kelly Redman, state climatologists for Washington and Oregon. Joseph C. LaBelle, glaciologist and geomorphologist at AEIDC assisted in the preparation of Cook Inlet ice and

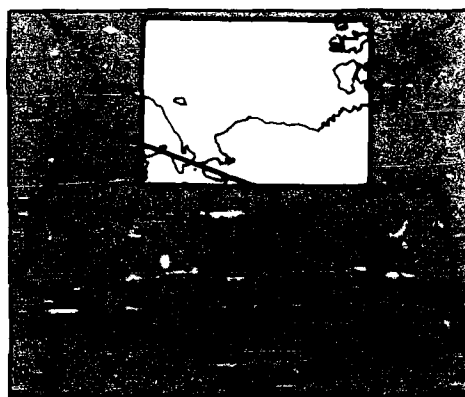
calving glacier ice in Volume I. Thanks also to Denise Cote for editing section I of all volumes and Laura J. Larson who was graphics project leader for the atlas and scheduled work on maps, charts, and text for all 3 volumes.

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Abstract

This project updates the knowledge of climatological conditions presented in the 1977 publication of this three-volume atlas. Such environmental information for the three Alaskan marine and near-coastal areas is important for resource development of the outer continental shelf—The Gulf of Alaska (Volume I), the Bering Sea (Volume II), and The Chukchi and Beaufort Seas (Volume III) as shown on the map below.

The maps, graphs, and tables in the atlas present a detailed climatic profile of the marine and coastal regions of Alaska. Statistics give the means, extremes, and percent frequency of occurrence of threshold values for these elements: wind, visibility, present weather, sea level pressure, air and sea surface temperature, clouds, waves, and such supplemental information as storm surges, tides, sea ice, cyclone tracks, surface currents, bathymetry, detailed weather, and aviation weather. Data came from



4.5 million surface marine observations and 8.5 million observations for 66 coastal and island stations within the area 40°-84°N and 110°W-160°E, and provide the best possible climatological picture of the outer continental shelf waters and coastal regions of Alaska.

Introduction

The nature of man's offshore activities depends to a large extent on weather conditions. Knowledge of these conditions can help insure efficient and safe operations. Extreme weather conditions that may be encountered in a given location largely determine the design, construction, and operation of permanent platforms and structures in the ocean as well as onshore support activities. This atlas is useful to those engaged in shipping, national defense, fishing, and applied research where a knowledge of coastal and offshore climate is essential. Weather information also aids in assessing the onshore impact of offshore activities.

This atlas is the result of a joint effort by the Arctic Environmental Information and Data Center (AEIDC), University of Alaska and the National Climatic Data Center/National Oceanic Atmospheric Administration (NCDC/NOAA) to present descriptive climatology and data analyses of surface marine and atmospheric parameters for those waters and coastal regions of the Alaskan outer continental shelf important to resource development. It is designed to serve as a climatological reference in the assessment of potential impact by oil and gas exploration and development and of leasing and operating regulations and monitoring programs that will permit resource development and insure environmental protection.

The evaluation is in the form of a climatic atlas for each of three marine and coastal areas: The Gulf of Alaska (Volume I), The Bering Sea (Volume II), and The Chukchi and Beaufort Seas (Volume III).

The first section in each volume contains information on such hazards as storm surges, superstructure icing, hypothermia, and wind chill; extremes data on winds, temperature, and precipitation; and planning information on surface currents, bathymetry, sea ice, and tides. The second section presents a detailed climatic profile in the form of isopleth analyses, graphs, and tables.

Section I: Selected Topics in Marine and Coastal Climatology

by James L. Wise and Lynn D. Leslie

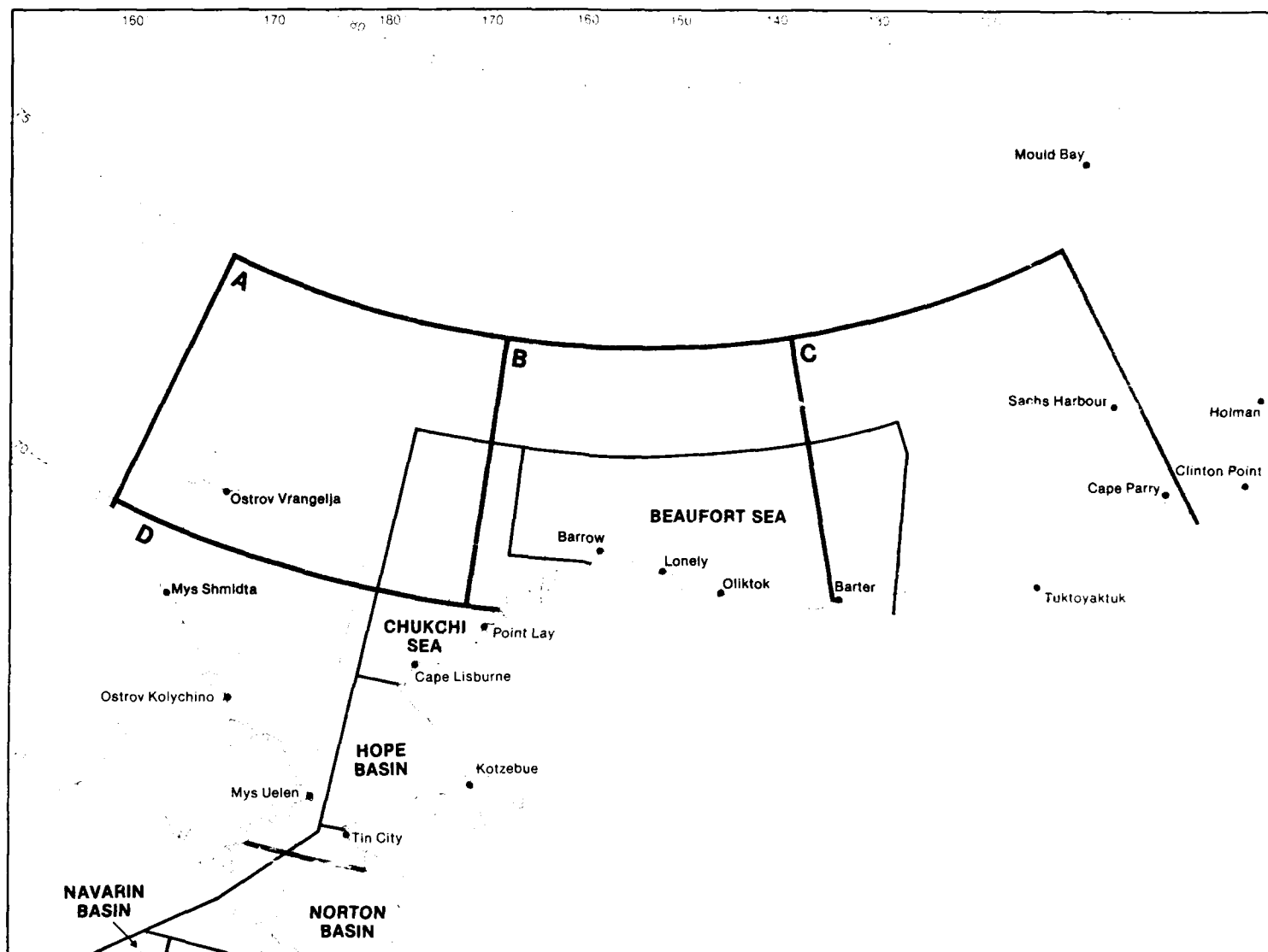


Figure 1. MMS Lease Sale Areas



Figure 2. Place Names Map

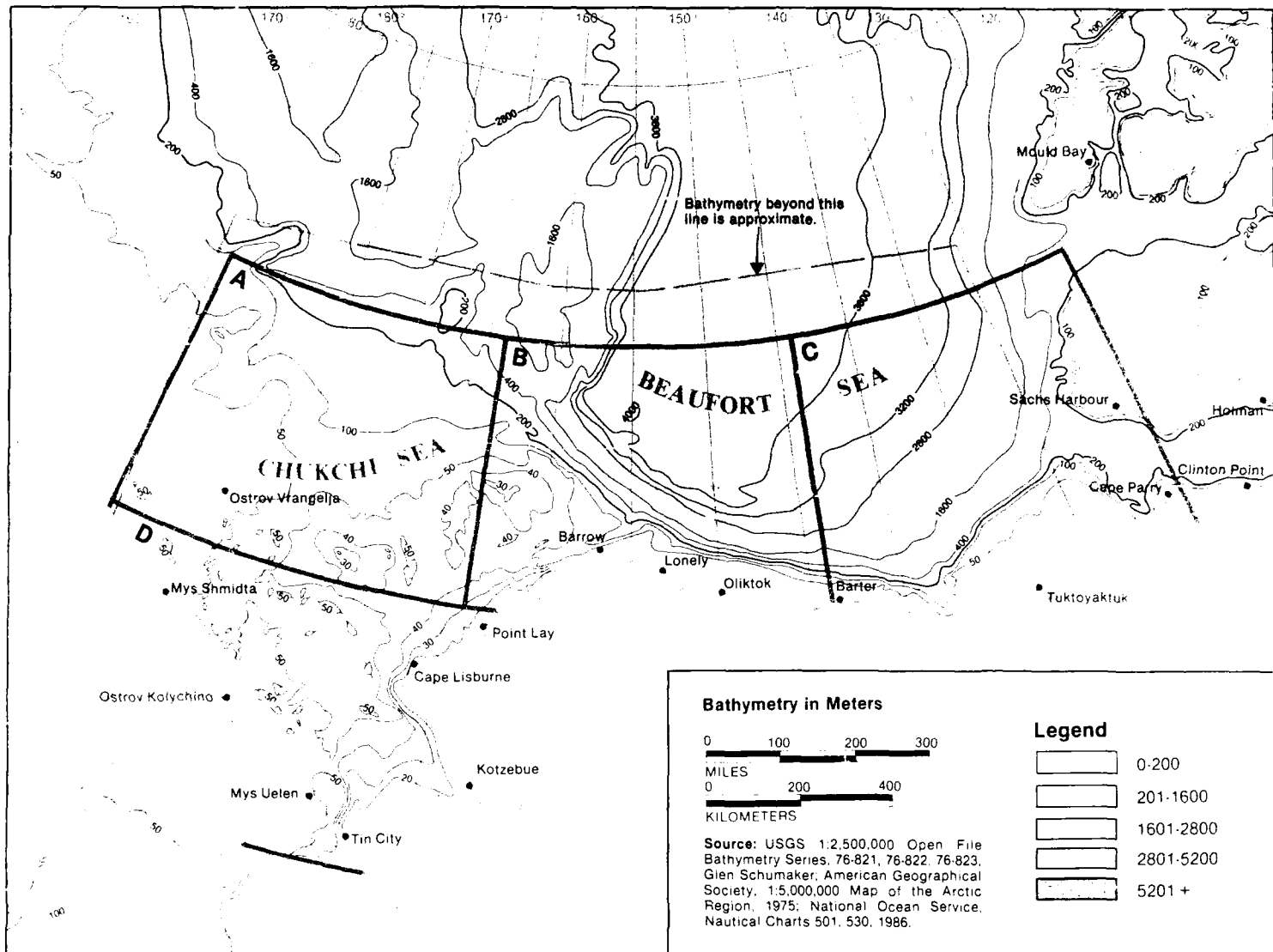


Figure 3. Bathymetry

Currents of the Chukchi and Beaufort

Chukchi Sea

A warm current enters the Chukchi Sea via Bering Strait and flows around Pt. Barrow to approximately 148°-152° W in the Beaufort Sea. Average rate of flow through the strait is $1.6 \times 10^6 \text{ m}^3/\text{s}$. In the Chukchi, this current concentrates near the surface and overlies dense, relict bottom water trapped by the shallow depths. It has a fairly uniform velocity which averages 45 cm/s in the summer and 10 cm/s in winter (Arctic Institute of North America 1974). This flow has many meanders and eddies and is slowed somewhat by dominant northeasterly winds. This semipermanent flow is the dominant barotropic feature. To the east, in deeper waters, the warm water mass descends to mid-depths. Maximum temperatures are observed in 30- to 50-m depths.

Data from mid-depths indicate a north-flowing current parallel to the shore, and to a marked degree, the bottom contours, with rapid shifts to the south (Rouse and Wiseman 1980). The along-shore component attains speeds as high as 70 cm/s but is typically on the order of 40 cm/s. The current, comprised of Alaskan Coastal Water and Bering Sea Water, hugs the east side of the Chukchi Sea. In the region of Cape Prince of Wales warm water is present farther to the northeast. The degree of penetration into Kotzebue Sound varies from year to year. Some of the water in Kotzebue Sound is believed to move southwest along the north shore of the Seward Peninsula approximately as far as Shishmaref before joining the general northward flow (Coachman, Aagaard, and Tripp 1975). Near Point Hope and off Cape Lisburne the flow bifurcates. One branch turns north-northwest toward Herald Shoal, the other closely follows the Alaskan shore. Along the coast, data indicate that the current is quite narrow, approximately 37 km in places (Bourke and Paquette 1974).

Approximately 100 km offshore a warm current originating in the Bering Strait flows north-eastward (Coachman et al. 1975). Farther north the current approaches the coast and flows through Barrow Canyon into the Beaufort Sea. Large-scale fluctuations in atmospheric pressure appear to influence the temporal variations in the transport (Mountain 1976).

There is a large anticyclonic eddy between the coast and the warm current (Ingham and

Rutland 1972). Within this eddy and the warm current, both surface and deep currents are strongly influenced by wind stress. Velocities lie along the same octant and are similar in magnitude. This implies a strong barotropic component in the flow (Ingham and Rutland 1972).

Nearshore current patterns and velocities are very complicated and variable because of coastal configuration, bathymetry, and winds. During southwesterly winds, warm surface waters pile up against the coast. Warm waters are displaced offshore and cooler water upwells along the coast during northeasterly winds. A baroclinic coastal jet may be present. Evidence supporting this current consists of alternation of near-surface current direction and simultaneous coastal setup and setdown, caused by Ekman divergence, in response to changing winds. This results in the transport of warm, low salinity, nearshore water and interaction with the Kasagluk Lagoon waters. The coastal water mass properties are thus modified. Data suggests that due to strong winds, shallow bathymetry, large coriolis, and strong stratification, the baroclinic coastal jet probably dominates the coast from Cape Lisburne to Icy Cape during the summer months (Rouse and Wiseman 1980).

Nearshore lagoon water mixes with river runoff and with the coastal waters forced in by storms. Thus coastal water is freshened as well as warmed by solar radiation. Water within the lagoon becomes well mixed due to wind changes which weaken the vertical stratification.

Water movement from the Bering Strait to Cape Lisburne takes 10-15 days in the summer (Arctic Institute of North America 1974). Other known velocities are listed for the Alaskan Coastal Water. It moves north at 50-200 cm/s on the east coast in the Bering Strait (AEIDC 1975; Arctic Institute of North America 1974; Henkins and Kaplin 1966); 0-50 cm/s on the Siberian side (AEIDC 1975); 25 cm/s near Diomedede Island (Arctic Institute of North America 1974); 50 cm/s near Cape Thompson (Arctic Institute of North America 1974); 15-25 cm/s for currents parallel to the coast, at the surface, (0-10 m) in the summer (Coachman et al. 1976); and approximately 30 cm/s near Icy Cape (Coachman et al. 1976).

Tidal currents are rotary and very weak in the Chukchi. They vary from .3 to .9 cm/s depending on the location and tidal stage. Nearshore the tidal currents appear to be small, on

the order of 1 cm/s (Wiseman et al. 1974). Kotzebue Sound currents are mostly tide- and wind-induced. Velocities through and within the sound are very slow, averaging less than 0.1 cm/s.

Beaufort Sea

The large-scale clockwise Beaufort Gyre moves waters from the Canadian Basin westward in the deeper offshore regions. Gyre velocities reach 5-10 cm/s north of the Alaskan coast (Aagaard 1975). Another dominant circulation feature is the Alaskan Coastal Current, which enters the Beaufort Sea through the Barrow Sea Canyon. The jet then follows the 200-m isobath to approximately 152° W (Aagaard 1983; Thomas 1983). Velocities are usually on the order of 15-25 cm/s to the east, but the jet frequently reverses in direction, resulting in a lower net eastward movement of about 7 cm/s.

Surface waters in the Beaufort Sea are primarily wind driven. Flow is variable and responsive to meteorological forcing, with periods on the order of three to ten days. Wind forcing may decouple the upper layer from the subsurface flow to produce a reversed flow direction. Seaward of about the 50-m isobath the mean subsurface circulation pattern is predominantly eastward both summer and winter (Aagaard 1984).

This eastward flow, on the order of 10 cm/s, characterized by a temperature maximum, is called the Beaufort Undercurrent. Two water masses comprise the undercurrent flow—Alaskan Coastal Water, characterized by 5°-10°C temperatures and salinities of about 31‰, and Bering Sea Water, which has a similar temperature maximum and typically has higher salinities. Temperature gradients associated with the Beaufort Undercurrent do not manifest as a frontal zone in the summer. In winter the temperature maximum disappears and the gradient is negligible.

The undercurrent originates in the Bering Sea and has been observed seaward of the 50-m isobath. This water has been observed as far east as 148°W, where it probably mixes with local surface water and becomes indistinguishable. Bering Sea Water can be traced as far east as Barter Island, at 143°W (Aagaard 1984; Lissauer et al. 1984).

The inner boundary of the flow follows the 40- to 50-m isobath and identifies the demarcation of the inner and outer shelves. The northern edge of the current is less clearly defined due to mixing with local water. The current is known to strengthen seaward of the 100-m isobath and to the east. Aagaard (1984) speculated that other water masses besides those originating in the Bering Sea contribute to the volume and strength of the flow.

The undercurrent extends from near surface to the bottom between the 50- and 2500-m isobaths, producing a band about 60-70 km wide. It may be the nearshore manifestation of a major boundary current which is part of the large-scale circulation within the Canadian Basin. The mechanism which drives the current is not clear, though it is probably not locally driven. Neither wind-driven, geostrophic flow, nor momentum flux upstream, maintained by inertial and momentum balance, are supported observationally. The momentum flux in the western basin from the Chukchi Sea through Barrow Canyon is probably important. One possible explanation for this mean eastward flow arises from differences in sea level between the Atlantic and Pacific (Aagaard 1981).

Nearshore currents tend to follow local wind patterns and bathymetry. In the western Beaufort prevailing winds are from the east-northeast during all seasons. The winds are more bimodal in the eastern Beaufort. During easterly wind events in both the eastern and western regions, transverse circulation would be predominantly offshore in the upper layer. During westerly wind events the flow pattern would be onshore in the upper layer and offshore at depth. Since the wind pattern varies with season, the resultant inner shelf, surface current pattern would be to the east in winter, with an onshore component, and to the west in summer, with an offshore component. There does

appear to be a net shoreward movement; at least within 10 km of the barrier islands (Matthews 1981).

The longshore transport of the inner Beaufort Shelf follows the bathymetry at approximately 15-25 cm/s (3% of the wind speed). In the western Beaufort the mean nearshore current is to the west. Occasional reversals will occur due to the passage of storm systems. In the eastern Beaufort the mean nearshore flow is to the west in the summer. Frequent reversals to the east in the fall and early winter are associated with storm systems which produce a high setup and transport (Barnes and Reimnitz 1974; Barnes et al. 1977; Drake 1977). Lissauer et al. (1984) provides mapped nearshore, wind-driven current estimates for regional stretches of the Beaufort Sea coast for varying wind directions and magnitudes.

Since land-fast sea ice is present out to approximately 25 km all but three months of the year, it is difficult to track the movement of surface waters except during the open water season. There seems to be little net motion of nearshore bottom currents under ice (Aagaard 1984). Generally the speeds are estimated to be less than 5 cm/s, or approximately 20% of the surface speed (Matthews 1981). The current direction is probably variable, but seems to be roughly wind driven, with dampened speeds and response times under the ice. These under-ice, winter currents are probably responses to coastal wind setup or, possibly, direct responses to atmospheric pressure gradients (Aagaard 1984). Thus, although energy and magnitude are dampened under ice, there appears to be a wind-driven component in the Beaufort nearshore current, year-round, which extends to the coast or to local barrier islands. A thermohaline vector component may be present nearshore, driven by the buoyancy gradient from freshwater runoff in early summer and possibly

a density-driven circulation associated with brine drainage in winter.

Considerable research has been accomplished in the central and eastern Beaufort in nearshore and lagoon regions (Hachmeister and Vinelli 1983; Matthews 1979). Observed currents in the lagoons and near shore appear to be predominantly wind driven, with current speeds approximately 3-4% of the wind speed. Superimposed on these mean, wind-driven currents are short-term effects of storm passages, and tidal effects dominated by diurnal (M_2) forcing. Circulation patterns and exchange properties of nearshore and lagoon/barrier island systems on the eastern and western Beaufort Shelf show many dissimilarities. Observed differences may be attributable to differences in both coastal and lagoon geometries and their surrounding physical environments.

Three basic lagoon types appear on the Beaufort coastline. The first type is the open lagoon, i.e., those which are open to longshore transport as well as to cross-shelf exchange between multiple large openings in the barrier islands. The second lagoon type is the pulsing lagoon. The pulsing lagoon is closed to longshore current throughout; exchange with the nearshore waters occurs primarily via tidal pumping of water through the single major entrance in the barrier islands, with less exchange occurring through other shallow breaks. The third lagoon type is termed a limited exchange lagoon because it has only limited longshore current throughout, via several larger openings in the barrier island system. These lagoons may or may not exhibit pulsing effects due to tidal pumping. One or more small rivers or streams typically empty into each type of lagoon, providing a source of fresh water in early spring. Each lagoon type is discussed in detail in Lissauer et al. (1984), using specific geographic examples.

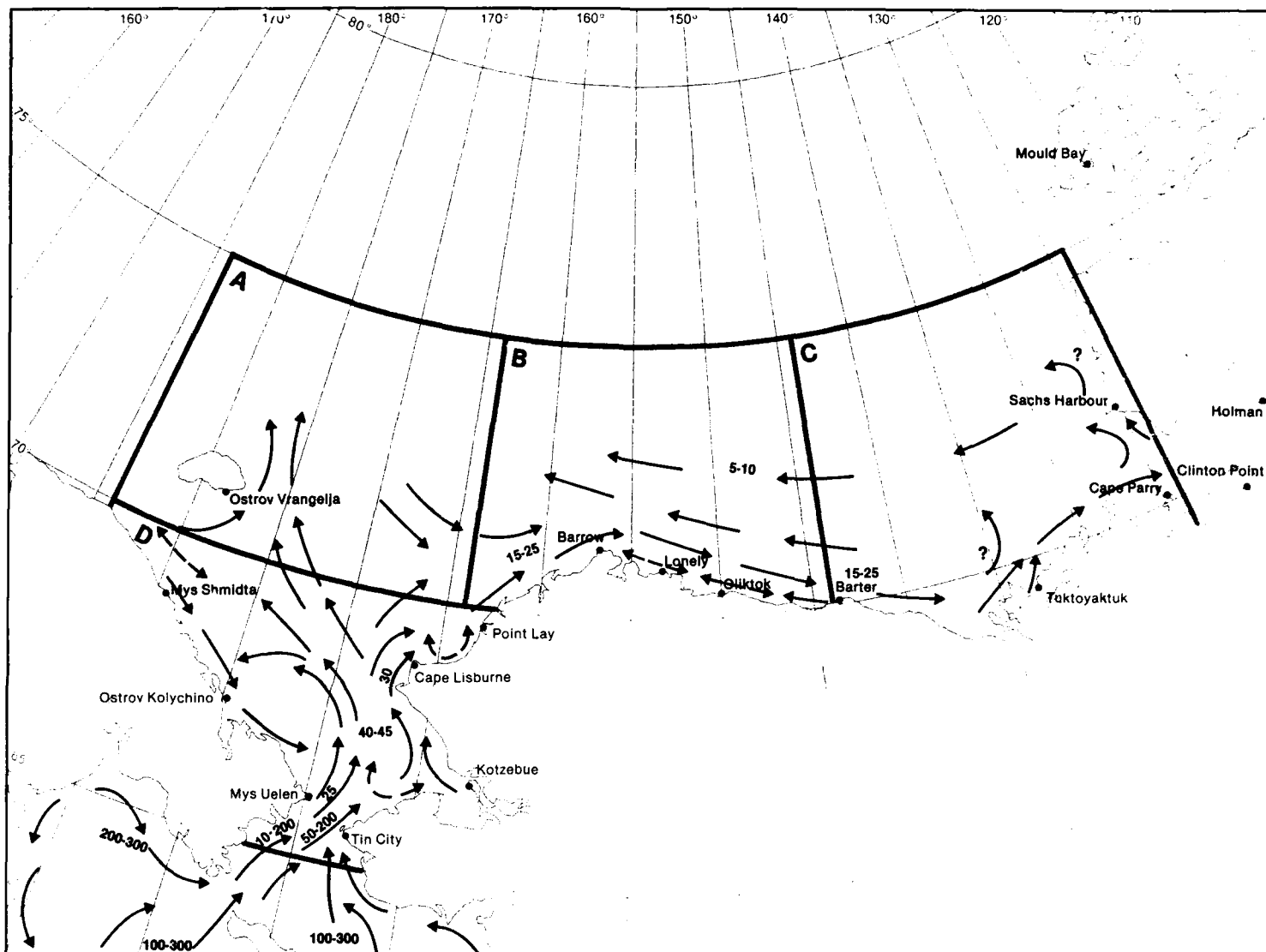


Figure 4. Sea Surface Currents — Summer

Legend

Beaufort and Chukchi Sea surface currents. Numbers indicate mean speed in cm/s. Arrows depict flow as follows:

← Prevailing current direction

--- Variable current direction

Chukchi and Beaufort surface currents synthesized from Coachman, Aagaard and Tripp, 1975; Drury et al. 1981; Lissaver et al. 1984, and O'Rourke, 1974.

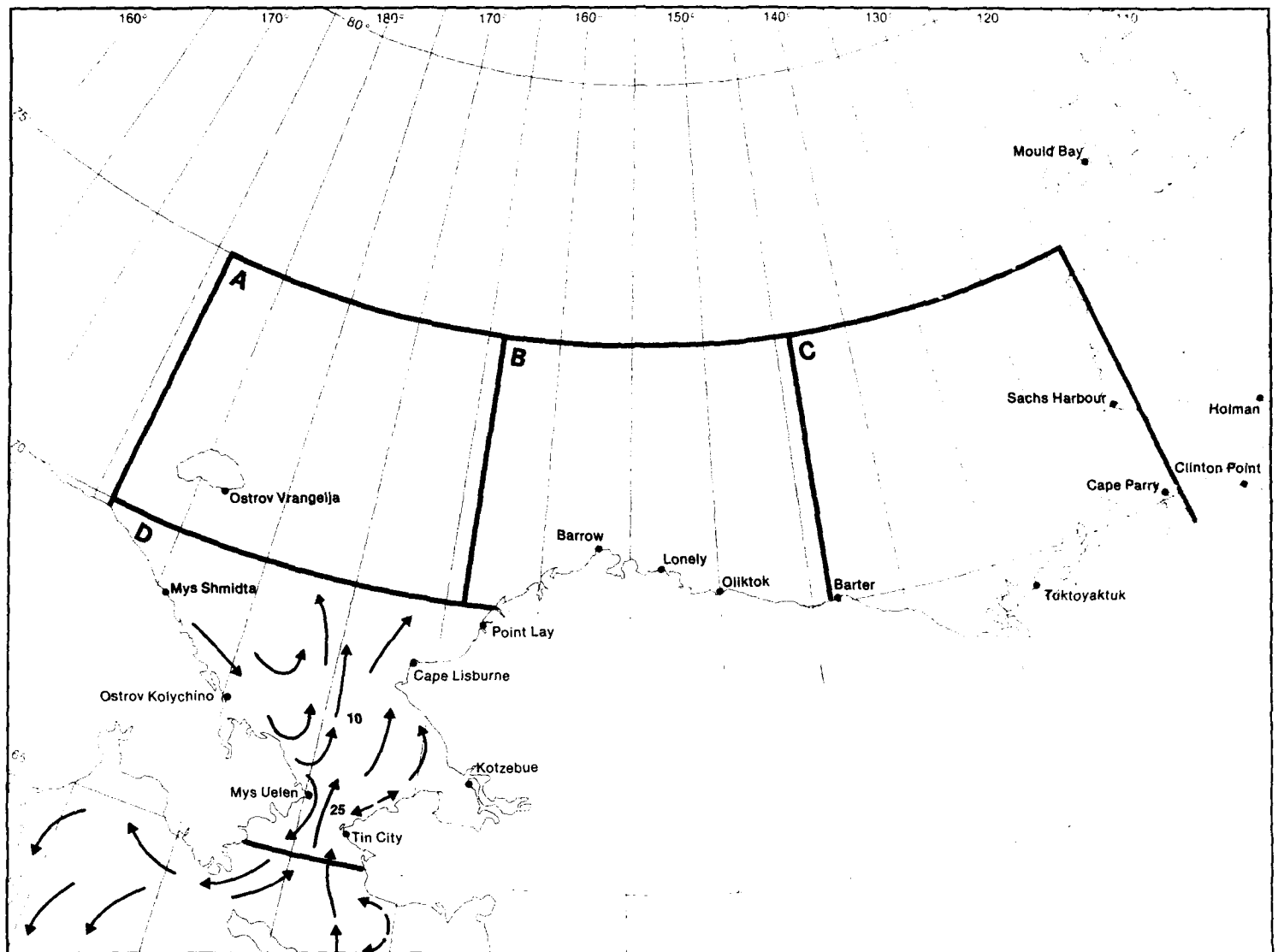


Figure 5. Sea Surface Currents—Winter

Legend

Beaufort and Chukchi Sea surface currents. Numbers indicate mean speed in cm/s. Arrows depict flow as follows:

- ← Prevailing current direction
- Variable current direction

Chukchi and Beaufort surface currents synthesized from Coachman, Aagaard and Tripp, 1975; Drury et al. 1981; Lissaver et al. 1984; and O'Rourke, 1974.

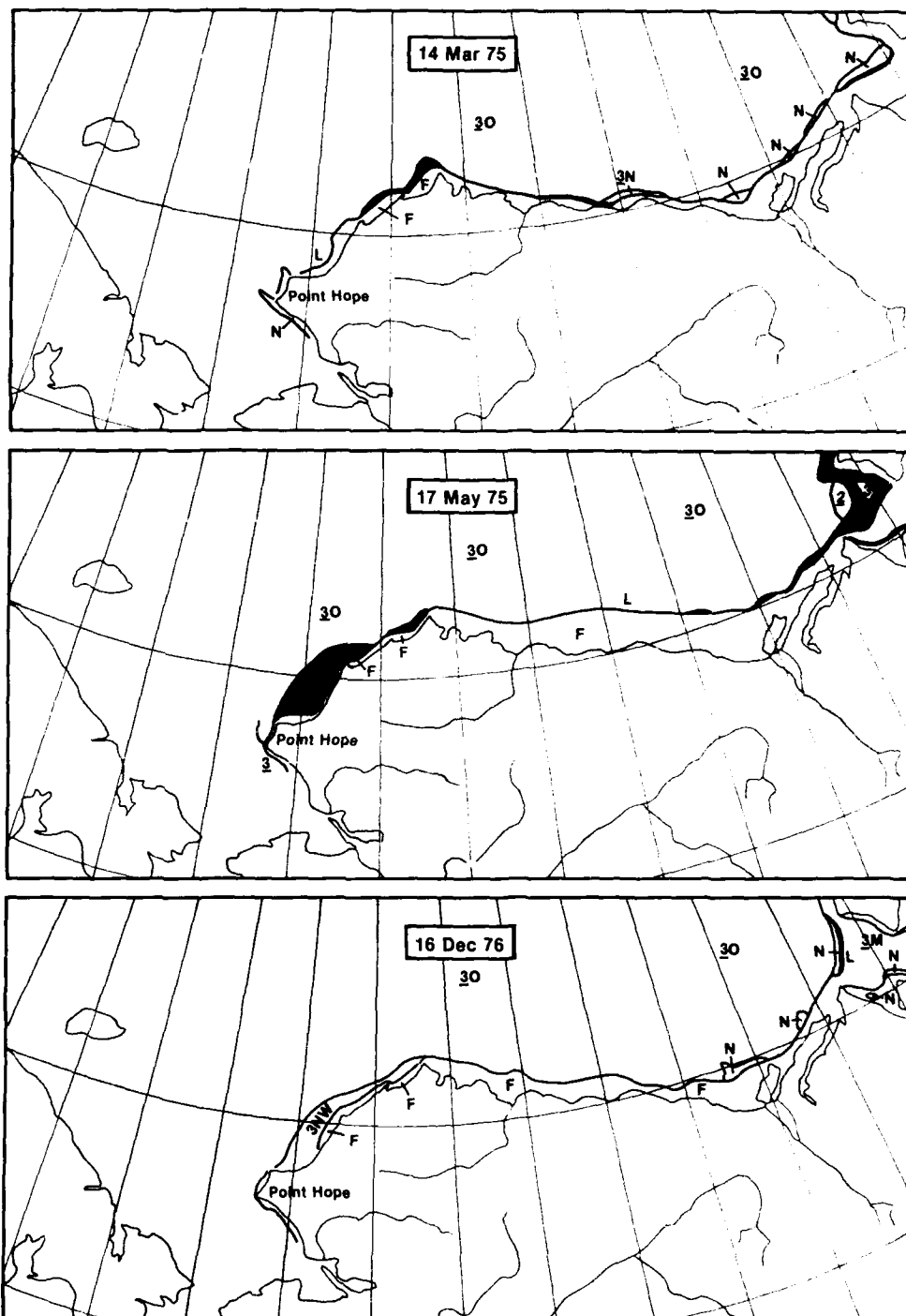
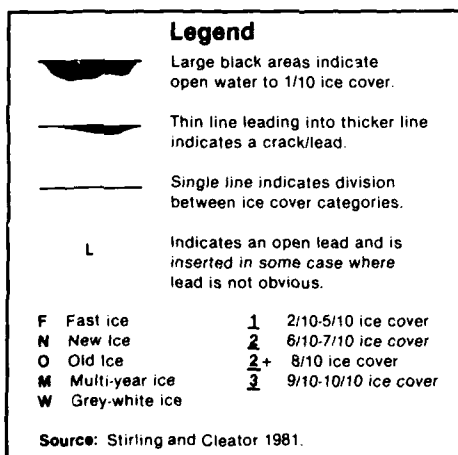
Sea Ice

Introduction

The annual cycle of formation and dissipation of sea ice in Alaska waters has widespread effects on a number of phenomena. When the ice forms, the coastal climate changes in character from maritime to continental with much colder temperatures and lower humidities than would be the case if open waters were present. The ice also interferes with and even stops water transportation with the possible exception of icebreakers and other specially designed ships. It makes the cleanup of oil spills difficult, if not impossible, by hampering cleanup operations and by trapping oil under the ice. Sea ice also has important effects on the cycles of living creatures in and near the sea.

The Chukchi sea remains virtually ice-covered from the beginning of December into mid-May, with the exception of a relatively wide shore lead that may develop seaward of the shorefast ice along the northwest coast (Figure 6). This feature is particularly prevalent from Point Lay to Point Barrow during periods of strong easterly winds. Around mid-May the seasonal disintegration of the ice cover begins as shorefast ice and thin ice decay and loosen along the northwest coast and in the interior of Kotzebue Sound (Webster 1982; see map sets 17 and 18 in section II). It is not until the beginning of July that there is a significant reduction in the probability of ice cover in the southern Chukchi Sea. Ice generally stays close in to the coast at Point Barrow into late July and early August. Figure 7 shows the dates that the navigation season around Point Barrow to Prudhoe Bay is open. The length of the navigation season varies

Figure 6. Recurring Leads and Polynyas



from not open at all in 1975 to 99+ days in 1958. The median date for the initial opening of the route to Prudhoe Bay is August 2 and dates of openings varied from July 19 in three years to September 13 in 1955 (U.S. Navy 1986).

Recurring Leads and Polynyas

Wind and current stresses on the ice can cause tension or divergence and open relatively narrow, long stretches of open water in an otherwise dense ice cover. In the absence of strong currents the wind induces leads which run perpendicular to the wind direction. Flaw leads generally occur just seaward of the stable fast ice zone when strong offshore winds develop. The most notable flaw lead event along the Chukchi Sea coast of Alaska is the series of leads which opens each spring and allows whales to reach the Beaufort Sea. Leads open in response to easterly winds that usually occur in March or April.

An area of open water or thin ice is a common occurrence in the Point Hope vicinity (Carleton 1980) but the areal extent varies considerably from year to year. (Figure 8) This area is not necessarily a true polynya. In the early spring, any open water is often refrozen by the cold offshore winds which cause polynya formation. Furthermore, the opening can be very quickly closed by a reversal in the wind field. Therefore, although this area commonly experiences open water or light ice conditions, these circumstances cannot be anticipated with any degree of certainty (AEIDC 1983).

Fast Ice Boundary

Charts showing the fast ice boundary come entirely from the recent work of Stringer, Barrett, and Schreurs (1980), performed for the National Oceanic and Atmospheric Administration, Outer Continental Shelf Environmental Assessment Program (OCSEAP). The objective of this project was to develop a description of near-shore ice along the Bering, Chukchi, and Beaufort coasts and to identify those features that may be a hazard to oil and gas development. LANDSAT imagery was used to develop regional maps for each year of the study. These yearly regional maps were used to determine average or typical conditions that were then recorded on seasonal maps. Information displayed on the seasonal maps was developed from winter and spring observations for the years 1973 through 1977.

In presenting these data, Stringer, Barrett, and Schreurs noted that the fast ice zone can

Selected Sea Ice Data and Severity Index for the North Coast of Alaska 1953-1985

| SEVERITY RANK | YEAR | 1 nmi | 2 nmi | 3 nmi | 4 nmi | 5 DATE | 6 DATE | 7 #DAYS | 8 #DAYS |
|---------------|---------|-------|-------|-------|-------|--------|--------|---------|---------|
| Mildest | 1 1958 | 50 | 150 | 50 | 210 | 07/19 | 10/25 | 92 | 99 + |
| | 2 1968 | 25 | 165 | 30 | 200 | 07/19 | 10/18 | 86 | 91 |
| | 3 1954 | 20 | 115 | 20 | 210 | 08/01 | 09/30 | 38 + | 61 + |
| | 4 1973 | 5 | 80 | 5 | 190 | 07/31 | 10/20 | 73 | 82 |
| | 5 1962 | 25 | 150 | 30 | 150 | 07/19 | 09/30 | 49 + | 68 + |
| | 6 1963 | 5 | 130 | 5 | 130 | 08/13 | 10/18 | 67 | 67 |
| | 7 1961 | 15 | 105 | 15 | 135 | 07/25 | 09/24 | 49 + | 62 + |
| | 8 1979 | 0 | 125 | 0 | 125 | 08/04 | 10/08 | 31 | 56 |
| | 9 1974 | 10 | 100 | 10 | 100 | 08/06 | 10/05 | 35 | 61 |
| | 10 1978 | 5 | 70 | 30 | 95 | 07/25 | 10/09 | 35 | 76 |
| | 11 1977 | 5 | 55 | 25 | 85 | 08/02 | 10/15 | 63 | 74 |
| | 12 1959 | 20 | 65 | 20 | 65 | 07/19 | 10/06 | 42 | 86 |
| | 13 1982 | 0 | 85 | 0 | 95 | 08/03 | 10/10 | 21 | 69 |
| | 14 1972 | 0 | 60 | 30 | 90 | 07/31 | 10/01 | 45 | 63 |
| | 15 1957 | 5 | 45 | 70 | 60 | 08/01 | 10/06 | 18 | 67 |
| | 16 1981 | 0 | 0 | 35 | 100 | 07/26 | 10/01 | 0 | 66 + |
| | 17 1985 | 0 | 36 | 0 | 53 | 08/01 | 10/15 | 22 | 52 |
| | 18 1967 | 15 | 0 | 30 | 50 | 07/25 | 10/12 | UKN | 68 |
| | 19 1966 | 5 | 0 | 5 | 45 | 08/01 | 10/22 | 24 | 65 |
| | 20 1984 | 0 | 25 | 0 | 50 | 08/11 | 10/15 | 21 | 42 |
| | 21 1965 | 0 | 10 | 0 | 70 + | 08/25 | 09/25 | 25 | 32 |
| | 22 1980 | 15 | 25 | 15 | 25 | 08/05 | 09/30 | 11 | 42 |
| | 23 1953 | 0 | 0 | 5 | 35 | 07/27 | 09/16 | 5 | 52 + |
| | 24 1976 | 0 | 15 | 0 | 15 | 08/15 | 10/07 | 21 | 53 |
| | 25 1971 | 0 | 0 | 0 | 30 | 08/23 | 11/01 | 8 | 71 |
| | 26 1960 | 0 | 0 | 20 + | 20 | 08/05 | 09/07 | 0 | 34 |
| | 27 1964 | 0 | 0 | 0 | 5 | 08/13 | 09/20 | 0 | 39 |
| | 28 1983 | 0 | 10 | 0 | 10 | 08/08 | 09/16 | 0 | 21 |
| | 29 1970 | 0 | 0 | 5 | 0 | 08/06 | 09/14 | 0 | 32 |
| | 30 1956 | 0 | 0 | 0 | 40 | 09/07 | 09/30 | 0 | 24 |
| | 31 1969 | 0 | 0 | 0 | 30 | 09/07 | 09/18 | 5 | 12 |
| | 32 1955 | 0 | 0 | 5 | 15 | 09/13 | 09/24 | 0 | 12 |
| | 33 1975 | 5 | 0 | 5 | 0 | NEVER | N/A | 0 | 0 |

Column 1: Distance from Point Barrow northward to ice edge (10 August)
 Column 2: Distance from Point Barrow northward to ice edge (15 September)
 Column 3: Distance from Point Barrow northward to boundary of five-tenths ice concentration (10 August)
 Column 4: Distance from Point Barrow northward to boundary of five-tenths ice concentration (15 September)
 Column 5: Initial date entire sea route to Prudhoe Bay less than/equal to five-tenths ice concentration
 Column 6: Date that combined ice concentration and thickness dictate end of prudent navigation
 Column 7: Number of days entire sea route to Prudhoe Bay ice free
 Column 8: Number of days entire sea route to Prudhoe Bay less than/equal to five-tenths ice concentration

Source: Naval Polar Oceanography Center, 1986.

Figure 7. Selected Sea Ice Data and Severity Index for the North Coast of Alaska (1953-1985)

vary by tens of kilometers from year to year, month to month, or place to place. This is particularly true off the Beaufort coast. In this area the fast ice boundary has been observed to range from the 20-m isobath to a point 30 to 40 km (20-25 mi) seaward. These extensions appear to be caused by an absence of winds, cur-

rents, and internal forces within the ice sheet that normally keep individual floes within the pack ice from freezing together. They noted that these calm conditions can persist for several weeks before sufficient forces exist for failure to take place along lines considerably closer to shore.

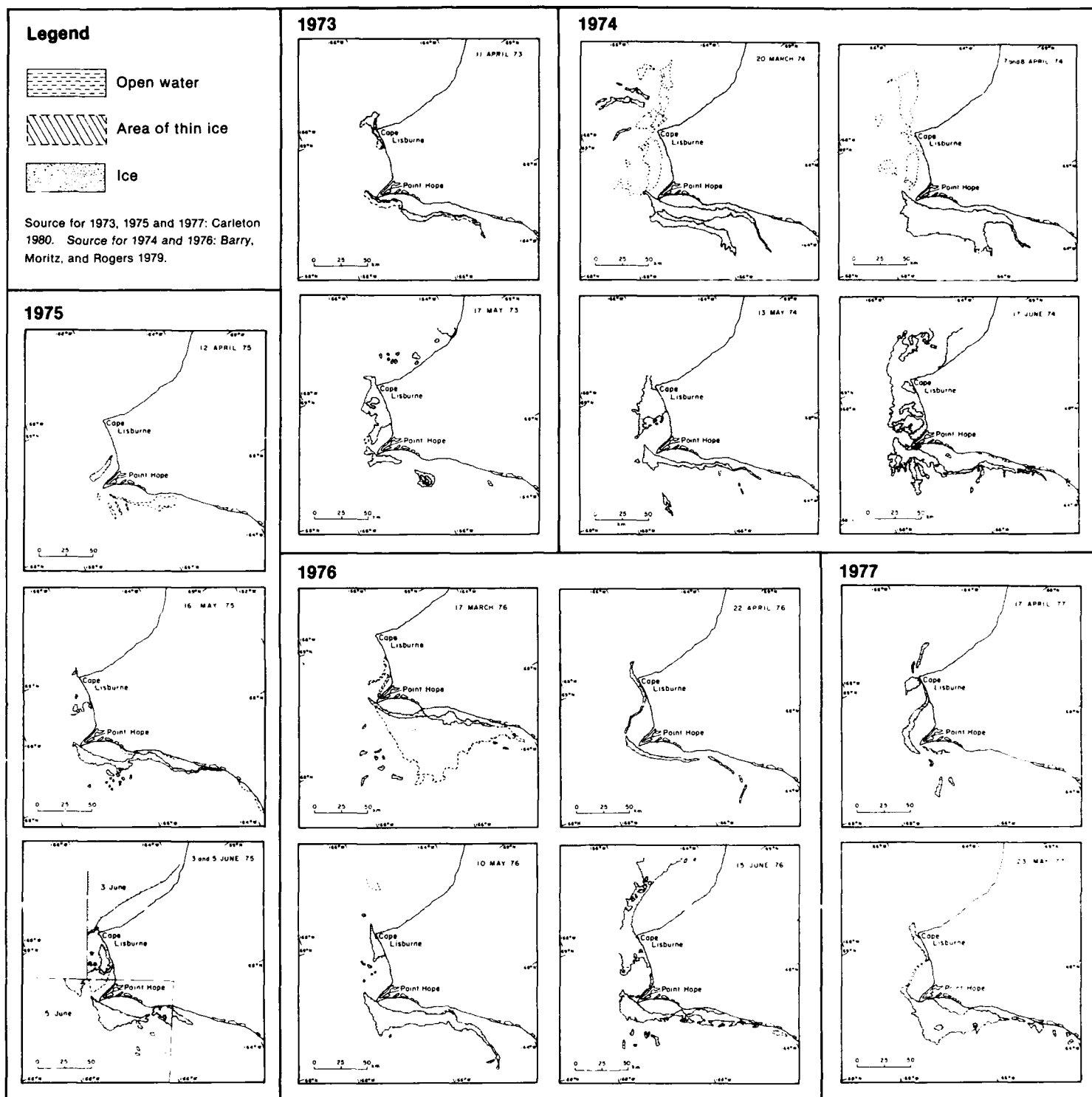


Figure 8. Flaw Leads in the Vicinity of Point Hope

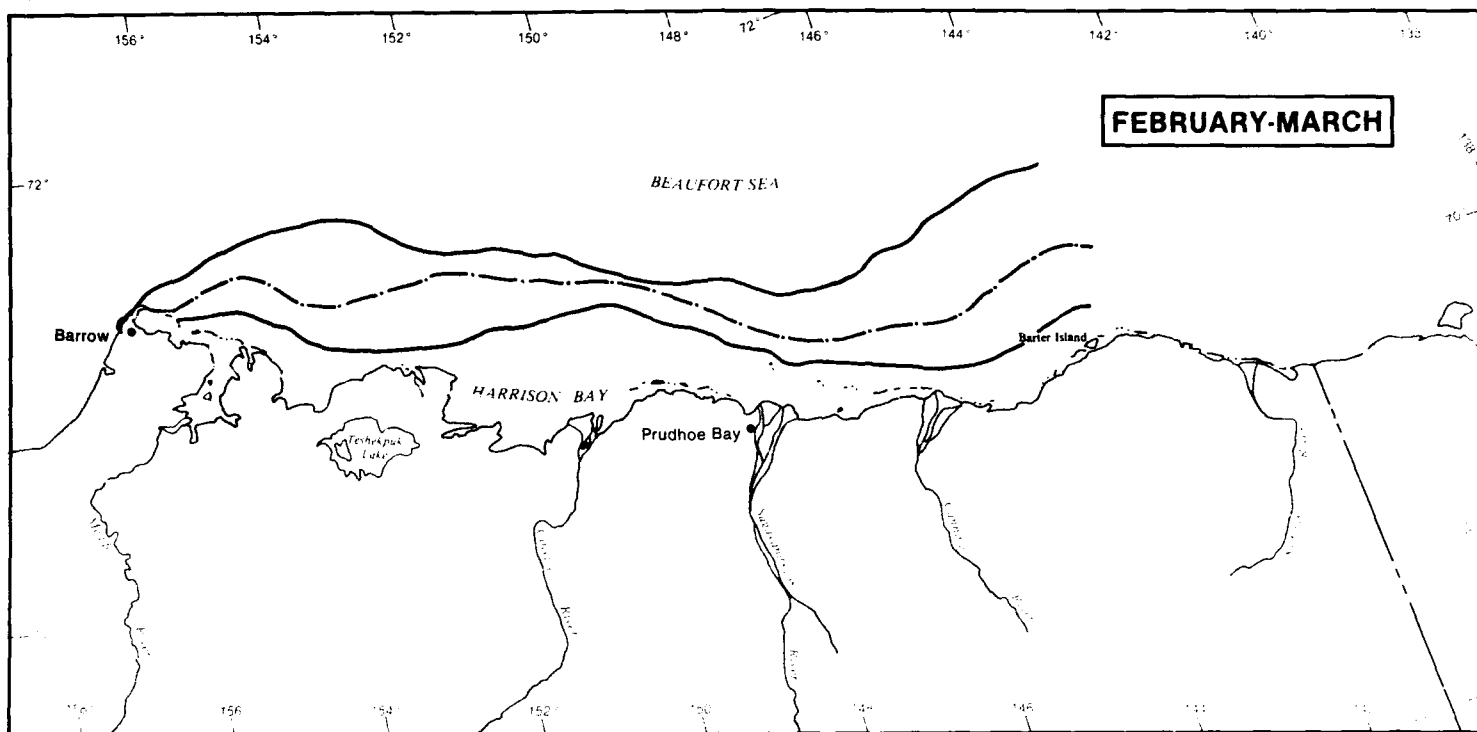


Figure 10. Seasonal Fast Ice Boundary—Beaufort Sea (February/March)

According to the World Meteorological Organization Sea Ice Nomenclature definition, fast ice includes all ice that has become attached to the shore, even multiyear pack ice. Therefore, the fast ice boundary displayed extends from a few meters to many kilometers from the coast and is not necessarily bounded by the shear ridge zone.

Fast Ice and Shear Zones

A common feature at the seaward boundary of the fast ice is an area of shear ridges. This feature is prominent along the Beaufort Sea coast, along the Chukchi Sea coast northeast of Cape Lisburne, and north of the Seward Peninsula between Wales and Shishmaref. Shear

Legend

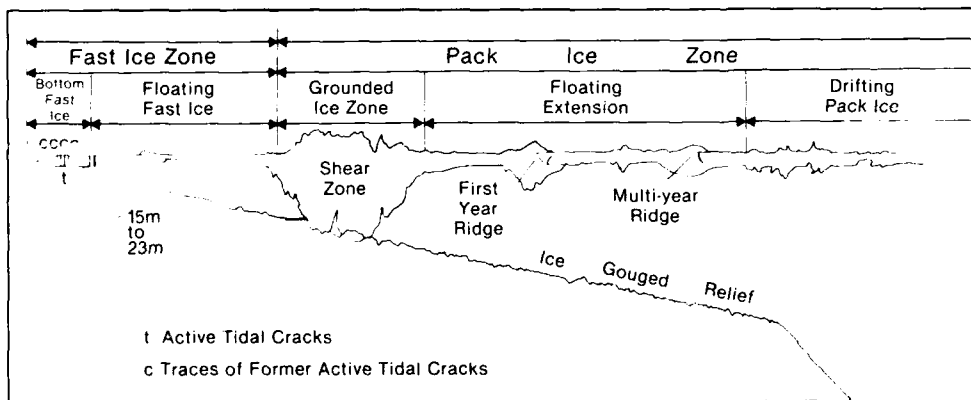
— Average
- - - Maximum Deviation

0 50 100
KILOMETERS

0 50 100
NAUTICAL MILES

Synthesized from: Stringer, Barrett and Schreurs, 1980.

Figure 9. Sea Ice Zones and Types



ridges in the Bering Sea tend to be more localized and of lesser extent and magnitude than farther north. Figure 9 shows the nearshore ice types and interaction with the sea floor typical of the Beaufort Sea coast. Deep gouges in the sea floor are common in the shear zone since these ridges are often grounded. Typical water depth is approximately 20 m for the shear zone in the Beaufort Sea (Stringer, Barrett, and Schreurs 1980), but in the Chukchi Sea this zone usually migrates seaward as the winter progresses. Gouges in the sea floor can also be caused by multiyear ice pieces in the north and by heavily hummocked ice pieces (floebergs) in all areas except the southern Bering Sea.

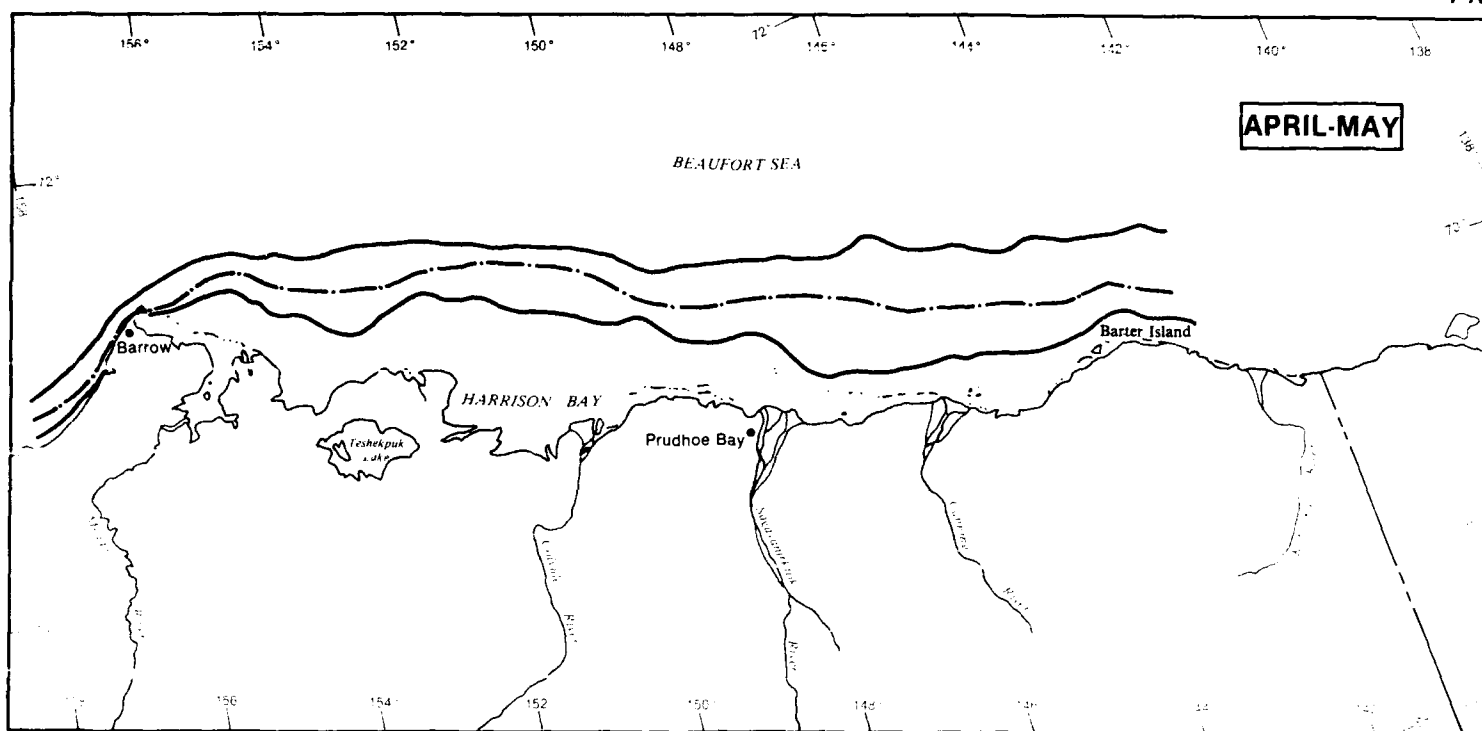


Figure 11. Seasonal Fast Ice Boundary — Beaufort Sea (April/May)

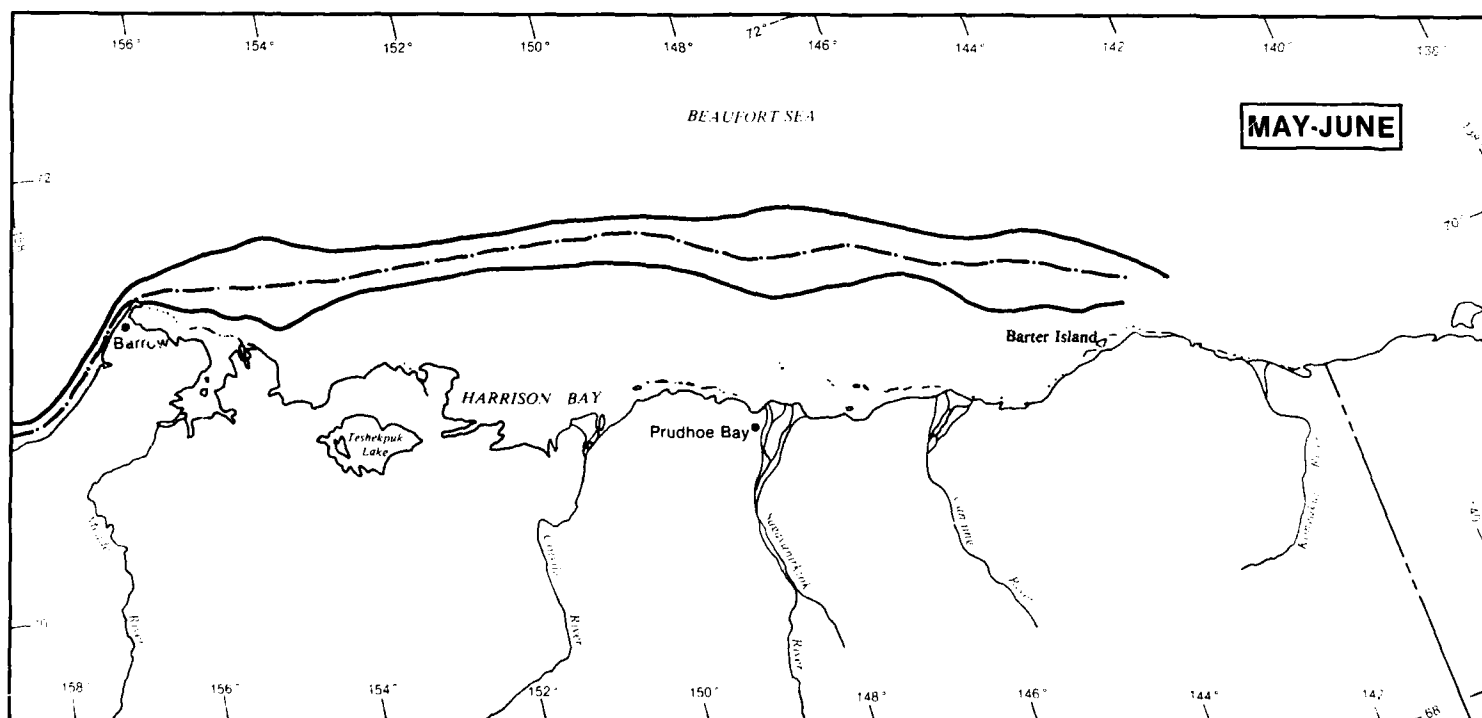


Figure 12. Seasonal Fast Ice Boundary — Beaufort Sea (May/June)

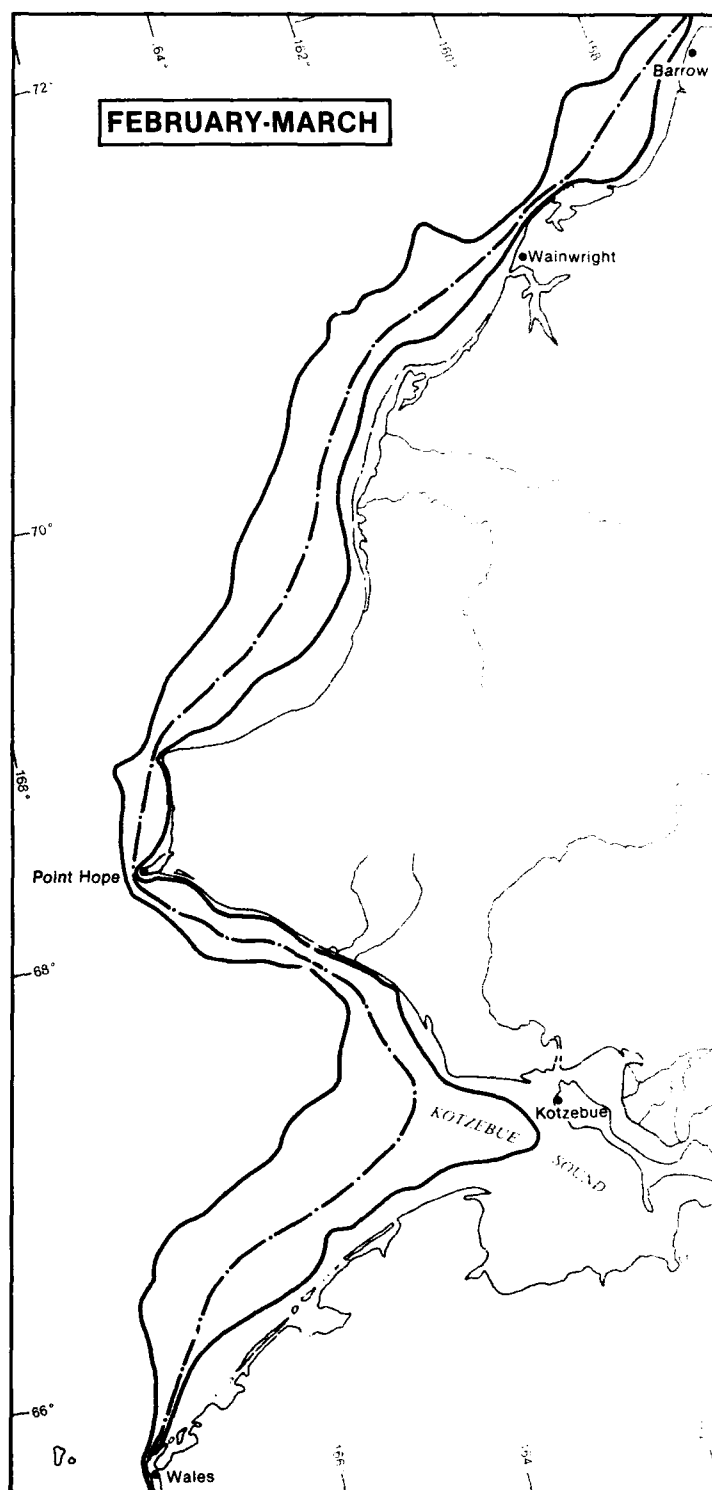
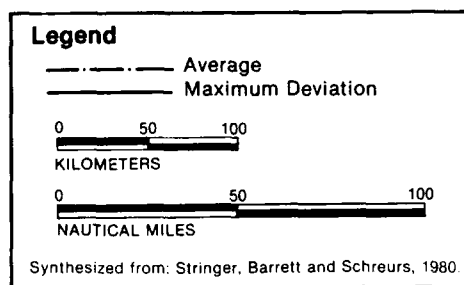


Figure 13. Seasonal Fast Ice Boundary—Chukchi Sea (February/March)

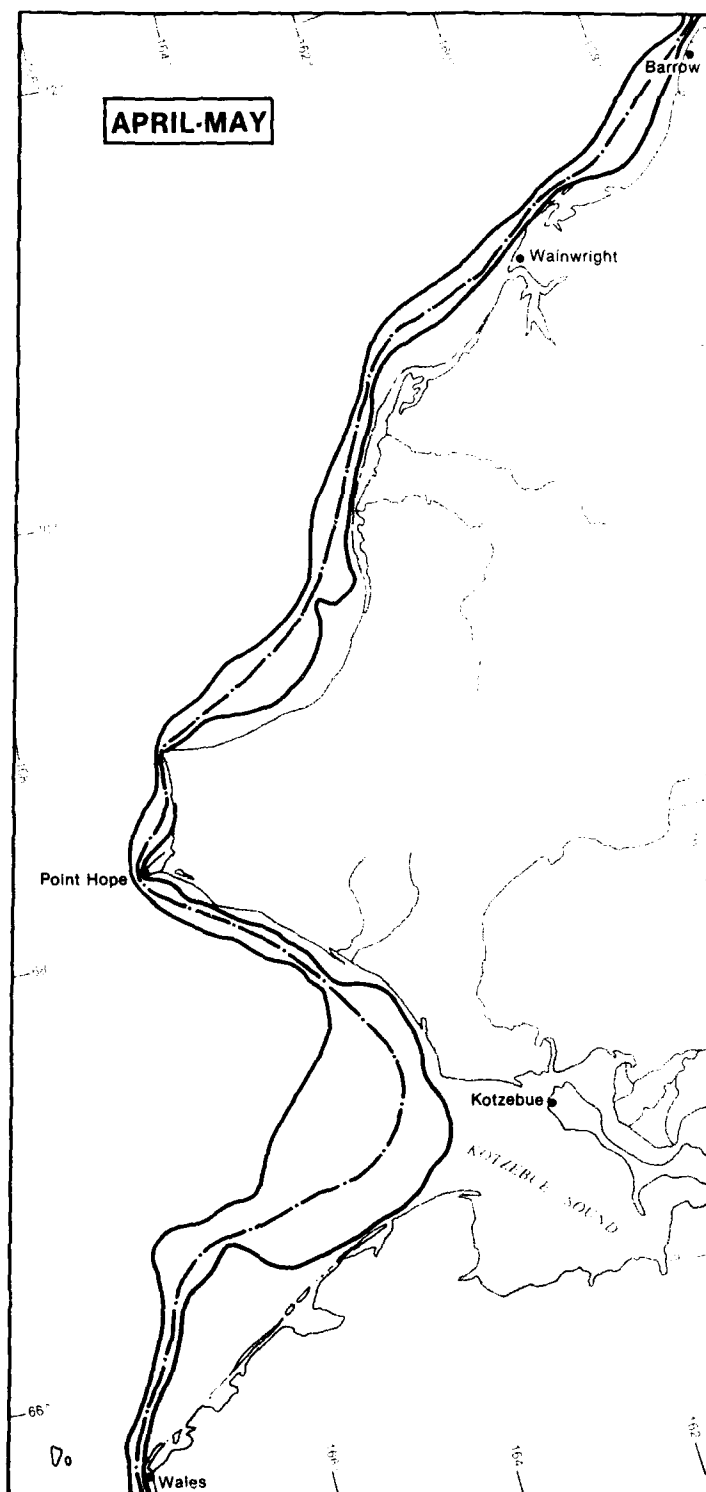


Figure 14. Seasonal Fast Ice Boundary—Chukchi Sea (April/May)

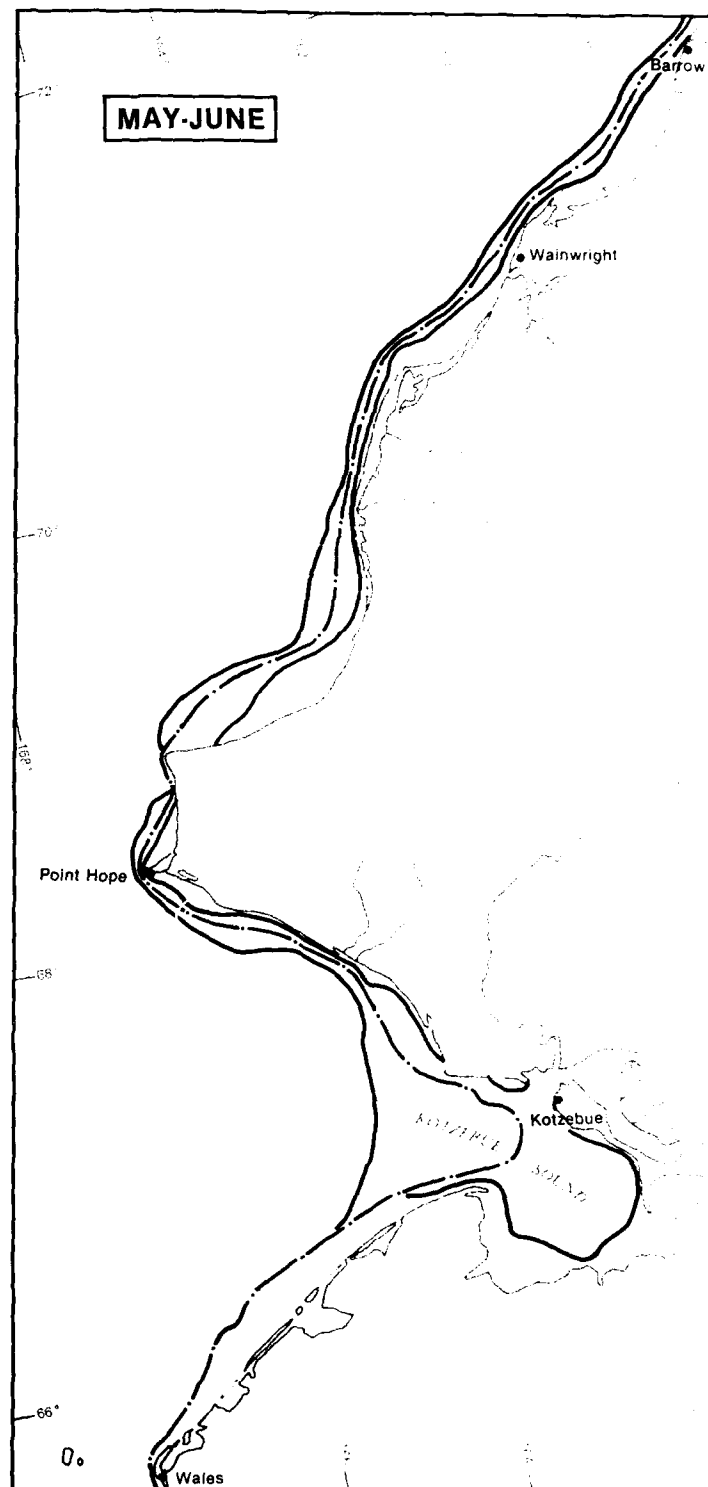


Figure 15. Seasonal Fast Ice Boundary—Chukchi Sea (May/June)

Tides

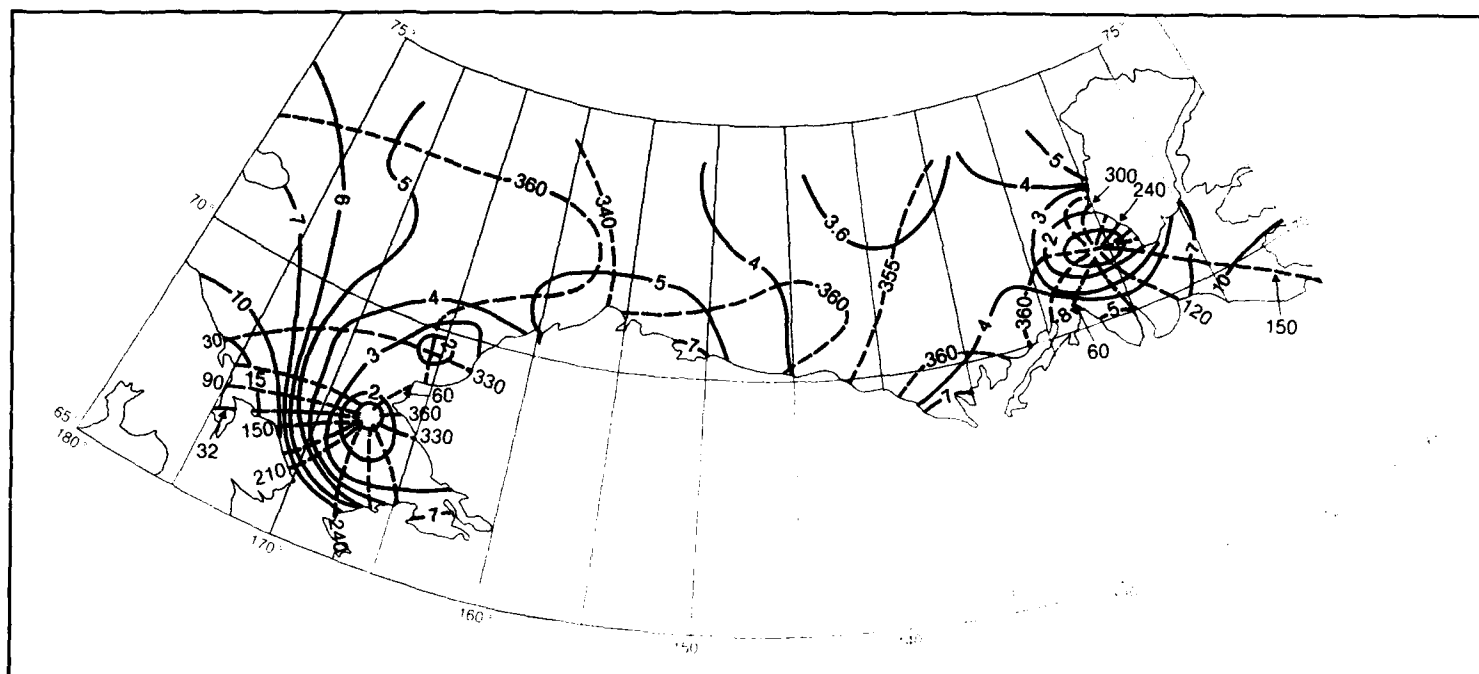


Figure 17. M_2 Tide, Cotidal, and Corange—Beaufort and Chukchi Seas

The practical study of tides, aimed at predicting surface elevations and times, involves the empirical treatment of observations made at the desired location over an extended period of time. The motion of the heavenly bodies, particularly the sun and the moon, relative to the earth is known with great precision, so the tide generating potential at any place and time can be computed. Mathematically the potential can be resolved into a finite number of strictly periodic components which, upon addition, produce the total potential of hundreds of tide-generating components that are listed by various authors. Many of the components are of insignificant amplitude and can be excluded from consideration. In practice only seven components are widely used: four semi-diurnal (M_2 , S_2 , N_2 , K_2) and three diurnal components (K_1 , O_1 , P_1) (McLellan 1965). The names and relative weights of these components are shown in Figure 16.

Theoretical models of tides must be verified on the strength of observations at tidal stations where the tide wave has been distorted through passage over a continental shelf of complex topography. There have been some scattered

observations of tides along the Chukchi and Beaufort sea coasts around the turn of the century and in the last 20 years. All available data are considered too sparse to draw a consistent picture of the tide distribution in the Beaufort and Chukchi Seas. As an effort to partially rectify this situation, a pattern of the M_2 component was generated, using the equations of motion and continuity in spherical coordinates, by Zygmunt Kowalik and J.B. Matthews (1982). The results of

| SYMBOL | NAME OF PARTIAL TIDE | COEFFICIENT RATIO |
|--------|-------------------------|-------------------|
| M_2 | Principal Lunar | 100.0 |
| S_2 | Principal Solar | 46.6 |
| N_2 | Larger Lunar Aliptic | 19.2 |
| K_2 | Luni-Solar Semi-Diurnal | 12.7 |
| K_1 | Luni-Solar Diurnal | 58.4 |
| O_1 | Principal Lunar Diurnal | 41.5 |
| P_1 | Principal Solar Diurnal | 19.4 |

Contracted from table 15.1,
Elements of Oceanography (McLellan 1965).

Figure 16. Tide Generating Components

Legend

Cotidal (broken) and corange (continuous) lines of the M_2 tide. Phase angles (degrees) are referred to Greenwich (solar time); amplitudes are given in centimeters.

Source: Kowalik and Matthews, 1982.

their computations of cotidal and corange are shown in Figure 17. Keep in mind that the M_2 component is not the whole tide but is the largest of the components going to make up the tide. Actual astronomical tide ranges are about half a foot along the Chukchi and Beaufort sea coasts from Cape Lisburne to Barter Island. The tide range in Kotzebue Sound is greater at 2 to 2½ ft and in the eastern Beaufort Sea and Amundsen Gulf tide ranges are slightly more than 1 ft.

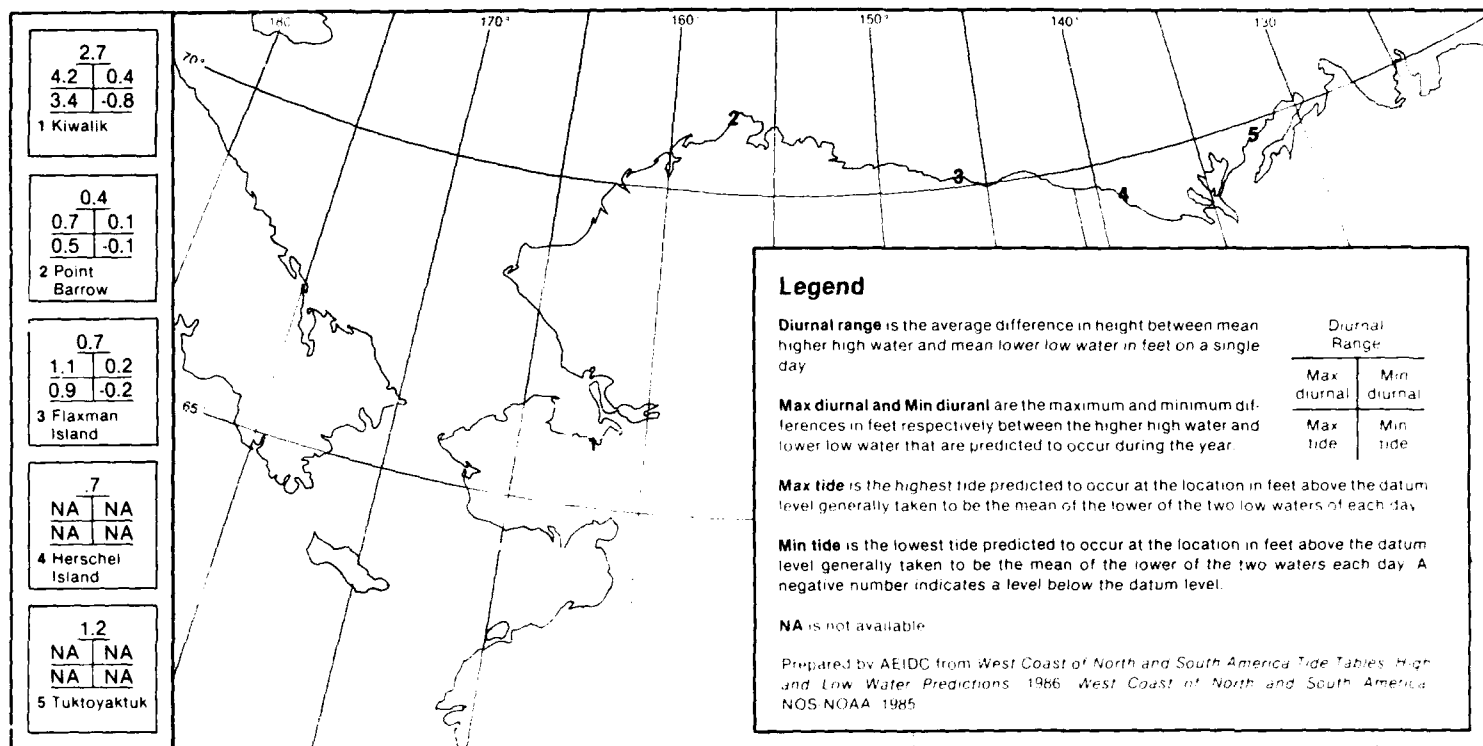


Figure 18. Tide Data

Storm Surges

Storm surges are oscillations in the period range of a few minutes to a few days, in a coastal or inland water body, resulting from forcing from atmospheric weather systems (Murty 1984). By this definition, wind-generated waves (often referred to as wind waves) and swell, which have periods of several seconds, are excluded. The spectrum of storm surge waves is centered around 10^{-4} cycles per second (CPS), which gives a period of about three hours. However, depending mainly on the topography of the water body and secondarily on other parameters, such as the direction of movement of the storm, strength of the storm, stratification of the water body, presence or absence of ice cover, and nature of tidal motion in the water body, the periods of the water level oscillations may vary considerably. Even in the same water body, storm surge records at different locations can exhibit different periods. Although storm surges belong to the class known as long waves, as do astronomical tides and tsunamis, there are at least two important differences. First, whereas tides and tsunamis occur on an oceanic scale, storm surges are simply a coastal phenomenon. Second, significant tides and tsunamis cannot occur in an enclosed, small, coastal or inland water body, but storm surges can occur even in lakes, or in canals and rivers. The range or height of a storm surge depends not only on characteristics of the storm but also on the topography onshore and bathymetry offshore. Shallow water bodies generally experience surges with greater ranges. Also, the height of a storm surge is less if the sea floor is steep than if there is a shallow slope to the sea floor (Murty 1984). Storm characteristics that effect the height of a surge include atmospheric pressure; wind speed, direction, and length of fetch; the latitude; and the direction and speed of storm movement. Air and water temperature differences also affect the height of surges.

Beaufort Sea Coast

The Beaufort Sea coast from Point Barrow east to Demarcation Point is of low relief, 15 ft or less, characterized by extensive deltas of major rivers and numerous smaller streams. The sea floor slopes gently to the 100 m line about 50 mi offshore. These hydrographic conditions are very favorable for storm surge flooding. The timing of storm surges in relation to high and low tide is generally irrelevant since meteorological tides or storm surges far exceed the astronomical tide ranges, which are less than a foot

(30 cm). Storm surges are more likely to occur from August to October, the open water season along the Beaufort Sea coast. In some years the ice is well north of the coast, allowing for a long fetch for westerly to northwest winds in storms moving west to east along a track well north of the coast. The variation in the extent of open water north of the coast determines to a large extent the development of the wind fetch needed for storm surges. In some years the ice never moves more than a few miles offshore and the open season is very short; e.g., the 1975 season. In other years the ice edge may be well over 100 mi offshore, allowing for a well-developed wind fetch and higher surges. Surges of a meter (3 ft) or so are quite common, and surges of over 3 m (10 ft) have been observed, particularly from driftwood lines. In 1970 a storm occurred which deposited driftwood on long stretches of beach up to a maximum height of 3.4 m (11 ft) above sea level. This event was judged by Reimnitz and Maurer (1979) to be the highest surge at least since 1890 and possibly represented a 100-year event.

There have been several known cases of storm surges in winter in which cracking of ice occurred and water and ice have come onshore. The most likely tracks for storms that cause surges are from the Bering north-northeast through the Chukchi Sea, then eastward; or eastward from north of Siberia toward Banks Island. (Figure 19) Negative surges have also occurred with high pressure and persistent easterly winds, which move water away from the coast to the right of the wind. These can be a hazard in shallow coastal areas such as Prudhoe Bay, where barges, etc., may ground with a negative surge. NOAA Nautical Chart, No. 3 (NOAA 1983), indicates possible negative surges of 0.8 m (2.6 ft) along the coast.

Chukchi Sea Coast

The northern part of the area is generally of low relief, covered with numerous shallow lakes from Point Barrow to Point Lay. The onshore terrain becomes more rugged south to Cape Lisburne and Point Hope. The topography is very rugged at the west end of the Brooks Range. Offshore the ocean floor is gently sloping, except for the areas west of Point Hope and northwest of Point Barrow.

The area most susceptible to storm surge flooding is north from Point Lay. Nearshore, sur-

face currents flow primarily toward the northeast, parallel to the coast. Strong southwest storm winds tend to accelerate this current causing a net transport of surface water to the right toward the coast. Storms moving from the west or southwest can develop sufficient fetch for surges up to 3 m (10 ft) during the ice-free period from July to October. Shorefast ice forms along the entire coast in late October and early November, and ice also forms over the open sea, thereby diminishing the occurrence of storm surges. Known cases of storm surge flooding have been from August to about mid-October. A surge up to 3.5 m (11 ft) occurred at Barrow in October 1963 and was judged to be a 125-year event. For the most part, surges of 2 to 3 m are considered to be 10-year events (Lewbel and Gallaway 1984).

Kotzebue Sound

The north shore of Kotzebue Sound is of moderate relief, becoming less rugged to the east and south. Offshore the sound is generally shallow, less than 20 m with the exception of a deeper channel offshore from Cape Espenberg, at the entrance to the sound. These conditions are favorable for the development of storm surges. Most storm surges occur in late summer and fall. From November to May the sound is generally ice-covered, which reduces the effects of storm surges. However, there have been several occurrences of flooding on top of the shorefast ice in the area. Storm tracks from surge-causing storms can be either from the south (from Bering Sea to southern Chukchi Sea) or from the northwest (from the open water north of Siberia to Kotzebue Sound). See Figure 19.

Northwest Coast of Seward Peninsula

Onshore topography is generally of low relief. A string of barrier islands lies offshore. Offshore bathymetry has variable slope, with the 20 m isobath anywhere from 5 to 25 mi offshore. Prevailing ocean currents are generally parallel to the coast near shore. Southwest winds in the eastern quadrant of storms moving northward tend to accelerate this current, causing beach erosion as well as storm surge. Storm surges and beach erosion are, for the most part, limited to the ice-free season from June to November.

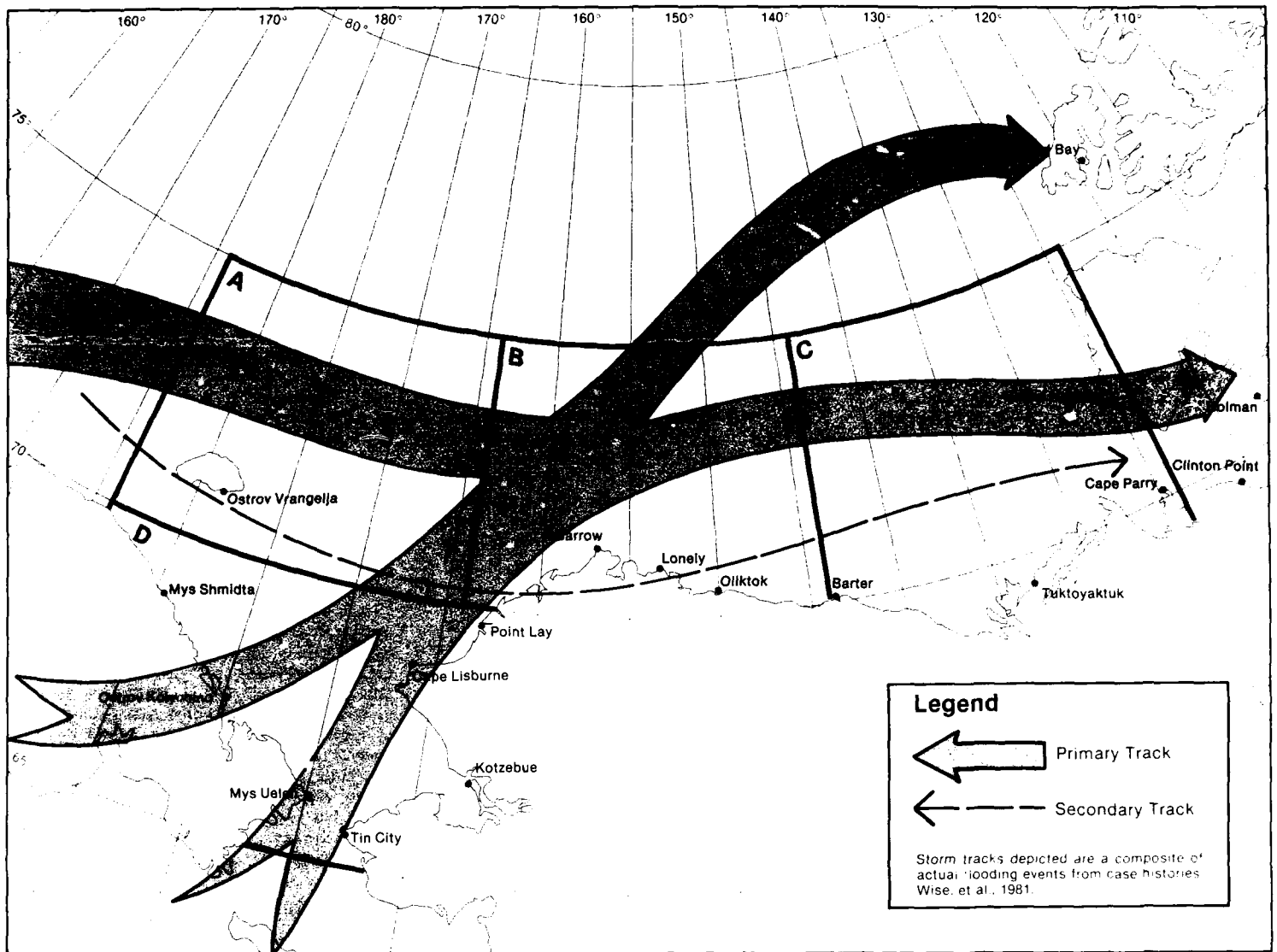


Figure 19. Storm Tracks with Storm Surge Floods

Superstructure Icing

Structural icing on ships, offshore structures, and port facilities is a wintertime hazard in open waters and coastal sections of Alaska. The icing causes slippery decks, renders moving parts inoperable, and, in extreme cases, causes uneven loading and raises the center of gravity on small ships. Accumulation of ice on rigging and on deck equipment such as crab pots also increases wind effects because a larger surface area is presented to the wind. Ice forming on structural surfaces above or close to a body of water arises principally from sea spray (Nauman and Tyage 1985; Liljestrom 1985), with lesser amounts from atmospheric precipitation (freezing rain and wet snow) and fog (arctic sea smoke, white frost, black frost). Sea spray, the most dangerous source of icing, is produced by the breaking of waves against obstacles such as ships' hulls, other floating objects, shore structures, and, possibly, other sources (Minsk 1977).

Statistical analysis (Borisenkov and Panov 1972) of more than 3,000 cases of ship icing indicates that in 86% of the cases icing was caused by ocean spray alone. Spray combined with fog, rain, or drizzle (liquid sources) accounted for only 6.4% of the cases, and spray combined with (solid source) snow only 1.1%. The cases of icing attributable only to fog, rain, or drizzle account for 2.7% (Minsk 1977). In the remainder of icing cases data were not sufficient to determine the cause.

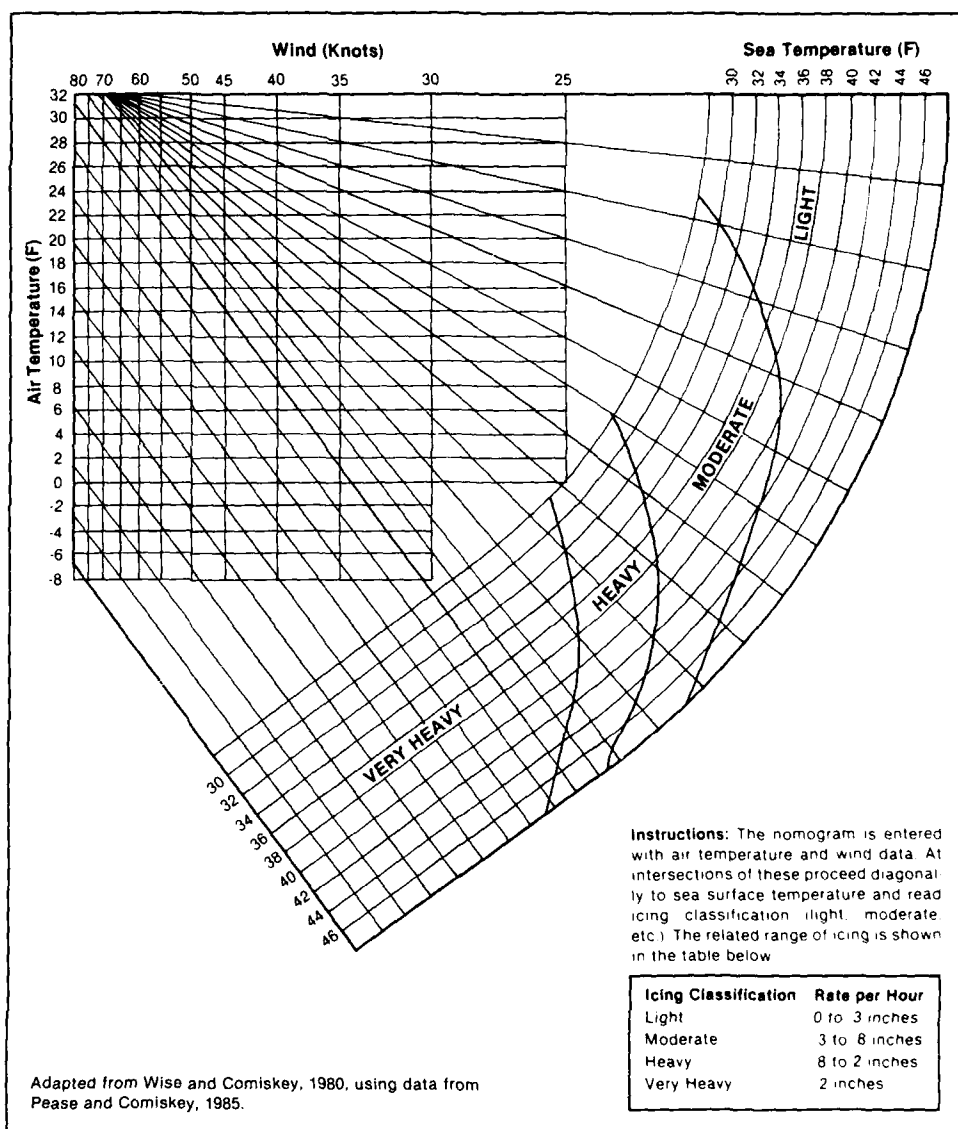
Since the overwhelming majority of superstructure icing on ships and offshore structures is from sea spray, the remainder of this section will concentrate on this type of icing. Since a ship can present different aspects to the wind and spray, it is to be expected that the amount of spray reaching the ship will vary. Russian observations (Kultashev, et al. 1972) showed that the greatest frequency of spray and, therefore, icing occurs when a ship is heading into the wind at an angle between 15° and 45°. Asymmetrical icing occurs under this condition, with the greater accumulation on the windward side. Less icing occurs with the ship headed directly into the wind, and then accumulation tends to be uniform. With ships heading downwind, spray icing is generally much less than at other angles. In developing the nomogram for forecasting spray icing potential, downwind cases (those for which the ship's heading was 120° or greater off the wind) were not used.

Meteorological/oceanographic conditions necessary for significant spray icing are water temperatures less than 8°C, winds of 25 knots (13 meters per second) or more, and air temperatures less than -2°C (28°F, the freezing temperature of seawater of average salinity). Generally, the stronger the wind, and the colder the air and water, the higher the rate of icing on comparable vessels or structures. In some

cases, however, where the wind fetch is not sufficient to fully develop waves, icing rates are lower.

The accompanying potential superstructure icing rate nomogram (Figure 20) is a modification of that shown in Wise and Comiskey (1980), using the open cases appearing in Pease and Comiskey (1985), developed

Figure 20. Superstructure Icing Rate Nomogram



from icing case histories in the Gulf of Alaska and southern Bering Sea. Icing intensities in inches per hour are also from Pease and Comiskey (1985). If a vessel experiencing icing takes evasive action (i.e., changes heading, reduces speed, seeks shelter, etc.), icing rates experienced would probably be less. The potential superstructure icing rate nomogram (Figure 20) was developed from icing case histories in the Gulf of Alaska and southern Bering Sea. We know of no set of case histories of icing north of the Bering Strait.

Kozo (1985), in assessing the possible occurrence of superstructure icing in the Chukchi Sea, shows no chance of spray icing in

the Chukchi Sea or, presumably, the Beaufort Sea from December through April because the entire area is covered with sea ice during those months. In May, moderate to heavy icing is possible just north of the Bering Strait under conditions of minimum sea ice extent, minimum air temperature, and winds over 28 knots. The possibility of moderate to heavy superstructure icing spreads northward in the Chukchi Sea to 72°N, with minimum sea ice, in June. In July, the air temperatures are too warm for more than light to moderate superstructure icing over all the area, except near the pack ice edge. Under extreme conditions of minimum ice and minimum air temperature, moderate to heavy

icing may occur north of 70°N. In August, as air temperatures begin to cool off in the Beaufort and northern Chukchi Seas, the possibility of moderate icing increases under extreme conditions of minimum air temperatures and pack ice extent, and winds of 28 to 50 knots. In September, the area in which possible heavy superstructure icing is greatest extends from the pack ice edge south to Cape Lisburne and the Siberian coast. Light to moderate icing is possible south to the Bering Strait under extreme conditions. By October and November, the seasonal advance of the pack ice limits the possibility of icing of all intensities to the Chukchi Sea.

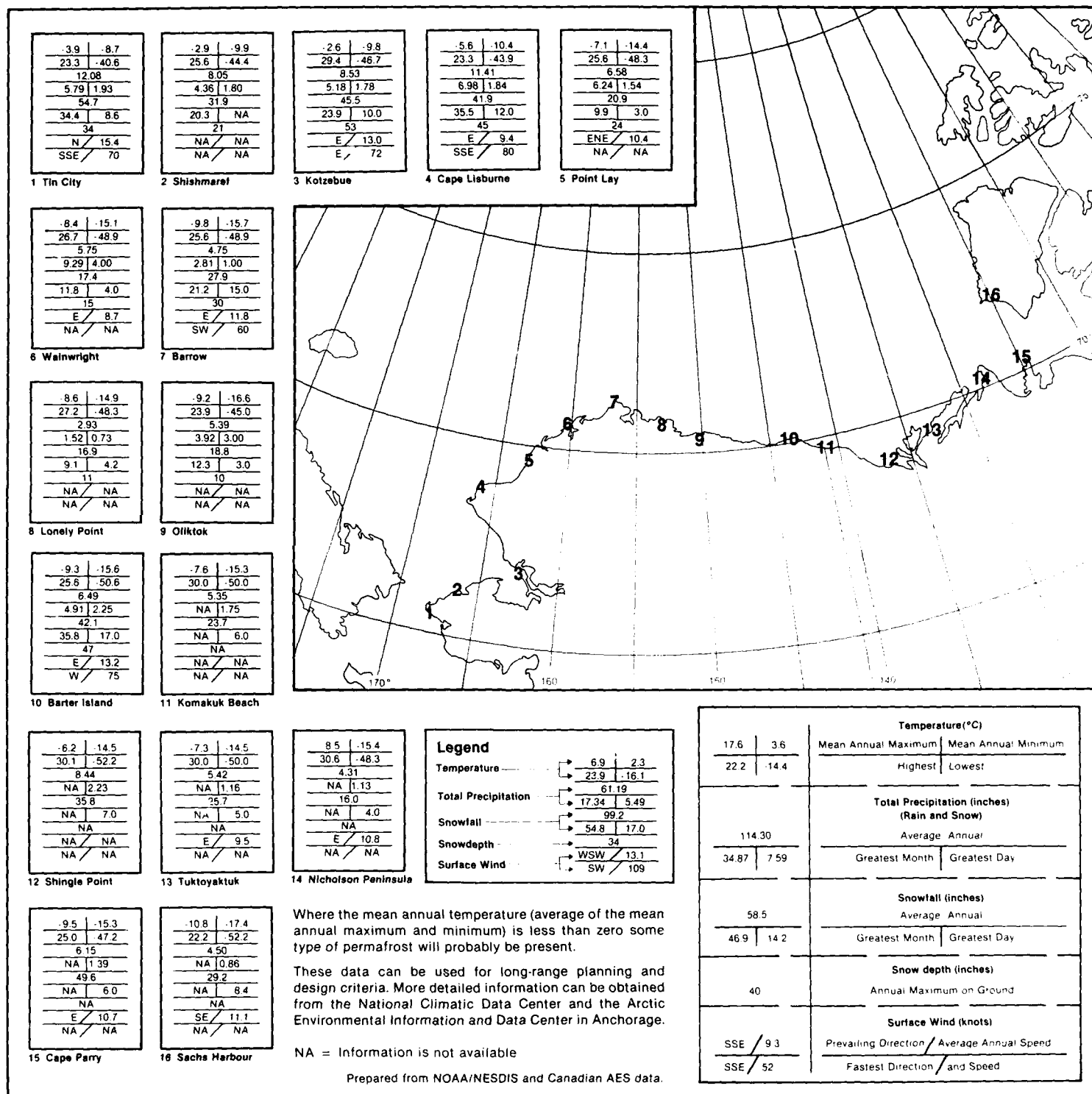


Figure 21. Climatic Means and Extremes

Hypothermia

Hypothermia is the cooling of the body's core temperature to 95°F or below. It can cause shivering, numbness, and disorientation. In the extreme it can cause death. The body loses heat gradually in cold, dry conditions, but quickly becomes hypothermic in wet conditions. Rain, immersion in cold water, and perspiration can all cause rapid heat loss. However, the evaluation and treatment of hypothermia, whether wet or dry, on land or water, is essentially the same, namely to warm the victim by whatever appropriate means are available.

The following discussion was taken in part from Peters (1982).

The body loses heat in five ways:

- A large amount of heat is lost from the body in respiration. Exhaled warm air is replaced by cooler inhaled air, producing a net heat loss. The amount of the net heat loss can be reduced by covering the mouth/nose with wool or fur, thereby "prewarming" the inhaled air as it passes through the material which has been warmed by exhaled air and by heat radiating from the body.
- Evaporation of perspiration from the skin and moisture from the lungs contributes greatly to the amount of heat lost by the body. Although evaporation cannot be prevented, the amount of evaporation (and therefore cooling) can be controlled. Wearing clothing that can be opened or removed easily for ventilation will let water vapor escape and not condense to liquid water in the clothing. Keeping clothing dry preserves its insulating value and reduces heat loss.
- Sitting on snow, touching cold equipment, and being rained upon are all examples of how heat can be lost as a result of conduction. If an individual becomes wet a tremendous amount of body heat is lost rapidly. Deaths have occurred as a result of immersion in water below 40°F—body temperature could not be maintained. Although not as immediately serious, perspiration, rain, or wet snow should never be allowed to saturate articles of clothing, as this seriously reduces their insulating properties.
- Radiation causes the greatest amount of heat loss from the body from uncovered surfaces, particularly the head, neck, and hands. Coverage of these areas, therefore, is extremely important in keeping warm.
- The body continually warms (by conduction) a thin layer of air next to the skin. If the warm layer is removed by wind or air currents (advection), the body is cooled. The primary function of clothing is to retain this layer of warm air next to the skin by enclosing air in cell walls or between numerous fibers, while allowing water vapor to pass outward. Heat is lost rapidly with the lightest breeze unless the proper type of clothing is worn to prevent the warm air from being advected away.

Deaths have been attributed to a loss of body heat at temperatures of 40°F, with a 30 mph breeze. Under these conditions, the cooling effect on the skin is equal to that of much lower temperatures due to increased evaporation and convection. With lower temperatures and/or strong winds, cooling occurs even more rapidly. Wind protection and insulation (dead air space) can help ensure that body heat is retained at a safe level.

Treatment

Recognition and proper treatment of hypothermia must be prompt. Delays even after rescue can cost a person his life. Low body temperature is the best indication of hypothermia. Blood pressure and pulse are also good indicators. The pulse is generally slow and irregular, while blood pressure is low.

The hypothermia victim is pale in appearance, the pupils are constricted and react poorly to light, and respiration is slow and labored. He will usually be shivering violently, with frequent muscular rigidity. There may also be an appearance of intoxication.

Emergency treatment must begin as soon as possible to stop the drop in body temperature. Wet clothing should be removed. If the body temperature is 97°F or above, no treatment other

than dry clothing and moving the victim to a warm area is generally necessary. If these are not available, the wet clothing should not be removed.

Combatting "afterdrop" in the core body temperature is extremely important. When heat is applied to the arms and legs, it causes those blood vessels to relax. This allows cold blood to flow back into the body core, further cooling the vital organs. Warming of the trunk of the body should be the prime concern.

During experiments in conjunction with the U.S. Coast Guard, researchers determined that the best warming technique was from the inside out, by having the victim breathe moist, warmed oxygen (Wilson 1976).

The next best treatment is a hot bath, with the water temperature between 90 and 100°F. If a tub is not available, an inflated life raft could be used. If possible, the limbs should remain out of the water. When no tub-type facility is available, a hot (115°F) shower while wrapped in towels or blankets is preferable.

When hot water for a tub or shower is unavailable, wrap the victim in blankets in a warm room with a heating pad or well-wrapped hot water bottle on the chest, or apply body warmth by direct contact with a rescuer.

Warm liquids may be given, but care must be taken to insure the victim is conscious and does not breathe the liquid into his lungs. Alcohol should never be given because it causes "afterdrop." Observe the victim's respiration closely and monitor for vomiting.

It has been learned in studies done in Alaska that victims of wet hypothermia can survive for a prolonged time in cases of deep cooling. Apparently, in the rapid cooling which occurs with wet hypothermia, physiological changes undergone by the body are more likely to be reversible than in the slower cooling of dry hypothermia. There have been victims of immersion hypothermia who were apparently dead but revived with proper treatment.

Concepts in the following discussion of wind chill are from an appendix to an article by

| Wind Speed | | Cooling Power Of Wind Expressed As Equivalent Chilli Temperature | | | | | | | | | | | | | | | | | | | |
|------------|------|--|----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|-----|-----|-----|-----|-----|------|------|------|------|
| km/h | mi/h | Temperature (°C) | | | | | | | | | | | | | | | | | | | |
| | | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 |
| | | Equivalent Chilli Temperature | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | 12 | 8 | 4 | 0 | -4 | -8 | -12 | -16 | -20 | -24 | -28 | -32 | -36 | -40 | -44 | -48 | -52 | -56 | -60 | -64 |
| 5 | 10 | 9 | 5 | 0 | -4 | -8 | -13 | -17 | -22 | -26 | -31 | -35 | -40 | -44 | -49 | -53 | -58 | -62 | -67 | -71 | -76 |
| 10 | 20 | 5 | 0 | -5 | -10 | -15 | -21 | -26 | -31 | -36 | -42 | -47 | -52 | -57 | -62 | -67 | -72 | -77 | -82 | -87 | -92 |
| 15 | 30 | 3 | -3 | -8 | -14 | -20 | -25 | -31 | -37 | -43 | -48 | -54 | -59 | -65 | -70 | -76 | -81 | -87 | -92 | -97 | -103 |
| 20 | 40 | 1 | -5 | -11 | -17 | -23 | -29 | -35 | -41 | -47 | -53 | -59 | -65 | -71 | -77 | -83 | -89 | -95 | -101 | -107 | -113 |
| 25 | 50 | 0 | -6 | -12 | -18 | -25 | -31 | -37 | -43 | -49 | -56 | -62 | -68 | -74 | -80 | -86 | -92 | -98 | -104 | -110 | -116 |
| 30 | 60 | 0 | -7 | -13 | -19 | -26 | -32 | -39 | -45 | -51 | -58 | -64 | -70 | -76 | -82 | -88 | -94 | -100 | -106 | -112 | -118 |
| 35 | 70 | 1 | -7 | -14 | -20 | -27 | -33 | -40 | -46 | -52 | -59 | -65 | -71 | -77 | -83 | -89 | -95 | -101 | -107 | -113 | -119 |
| 40 | 80 | 1 | -8 | -14 | -21 | -27 | -34 | -40 | -47 | -53 | -59 | -65 | -71 | -77 | -83 | -89 | -95 | -101 | -107 | -113 | -119 |
| 45 | 90 | 1 | -8 | -14 | -21 | -27 | -34 | -40 | -47 | -53 | -59 | -65 | -71 | -77 | -83 | -89 | -95 | -101 | -107 | -113 | -119 |
| 50 | 100 | 1 | -8 | -14 | -21 | -27 | -34 | -40 | -47 | -53 | -59 | -65 | -71 | -77 | -83 | -89 | -95 | -101 | -107 | -113 | -119 |
| | | Little Danger | | | | | | | | | | Increasing Danger | | | | | | | | | |
| | | (Flesh May Freeze Within 1 Minute) | | | | | | | | | | | | | | | | | | | |

Danger of Freezing Exposed Flesh For Properly Clothed Individuals

Adapted from NWS/NOAA Technical Procedures
Bulletin No. 165, Effective Temperature (Wind Chill Index) 1976

This phenomenon can be readily proved. Place a laboratory recording thermometer with a thermistor attached (or any outdoor thermometer) out your car window on a calm day when the temperature is, say, -20°C (-4°F)—just a nice winter day in Anchorage, Alaska. Let it sit for a few minutes until the temperature

Wind chill may occur not only from natural wind, but also with air movement generated by automobile, snowmobile, aircraft, or helicopter rotoblade. These vehicles may predispose passengers to frostbite or general hypothermia.

Section II: Marine and Coastal Climatic Atlas

*by William A. Brower, Jr., Ronald G. Baldwin,
and Claude N. Williams, Jr.*

Marine and Coastal Climatic Atlas — Section II

William A. Brower, Jr.
 Ronald G. Baldwin
 Claude N. Williams, Jr.

The marine observations used in computing the statistics for the maps, graphs, and tables in this section of the three-volume atlas were taken from the National Climatic Data Center's (NCDC) marine surface data files which include the Comprehensive Ocean Atmosphere Data Set (COADS). COADS is the result of a multiyear effort by NOAA and the National Center for Atmospheric Research (NCAR) to provide a quality-controlled marine data set which incorporates data from a variety of global sources for 1854-1979. Those files are: TD-1170 for COADS and TD-1129 for 1980-1985. Because relatively little data exist for near-coastal zones, observations from 66 U.S., Canadian, and Russian coastal stations were combined with the marine data in order to present the best possible climatological picture of the outer continental shelf waters and coastal regions of Alaska, and adjacent Canadian and Russian regions.

Data for the U.S. and Russian stations were taken from the edited digital files of NCDC and the U.S. Air Force's Environmental Technical Applications Center (ETAC) in Asheville, North Carolina. Digital data from the Canadian stations were purchased from the Canadian Climate Centre in Downsview, Ontario. All data were subjected to thorough computer and visual quality control in order to eliminate duplicate observations and exclude questionable elements detected during internal consistency and extreme value checks.

The percentages of the summarized 4.5 million marine and 8.5 million coastal station land observations that contain basic weather elements are:

| | Marine | Coastal Stations |
|-------------------------|--------|------------------|
| Wind | 93.8 | 99.1 |
| Visibility | 79.5 | 97.5 |
| Present weather | 82.8 | 95.7 |
| Total cloud amount | 79.6 | 97.3 |
| Low cloud amount | 67.4 | 57.4 |
| Sea level pressure | 93.5 | 89.7 |
| Air temperature | 94.4 | 98.6 |
| Wet bulb temperature | 59.4 | 97.7 |
| Sea surface temperature | 85.6 | — |
| Waves | 65.4 | — |

The marine and coastal study area for which data were compiled and analyzed was expanded from 50°—80°N and 130°—180°W (in the 1977 atlas) to 40°—84°N and 110°W—160°E in order to afford greater coverage for each of the three atlas areas, with a minimum of overlap between areas. Element statistics (with observation counts) were generated for each of over 2,550 marine squares and 66 coastal stations within the study area, and then plotted by computer on monthly charts which have an albers equal-area conic projection. The marine plots were 1° latitude by 1° longitude squares for the latitude belt 40°—75°N and 1° by 2° areas for 75°—84°N. An analysis was performed on the entire marine and coastal study area in order to permit continuity between the three atlas areas. Meteorologists, aided by computer-drawn isopleth contours south of 65°N, drew isopleths (lines connecting points of equal magnitude) on 420 monthly element maps, and made subjective adjustments to the analyses when data biases or insufficient observations were evident. They also performed consistency checks in the sets of monthly patterns for each element and among elements, as well as comparative checks with other marine atlases and publications (see Reference).

Although more than a four-fold number of marine data above 65°N was available for this presentation than for the same area in the 1977 atlas, the amount remained inadequate to permit a detailed isopleth analysis by meteorologists or by computer-contouring routines. This was especially true for the cooler months when seasonal sea ice prevented ships of opportunity from frequenting the area. Isopleth analyses for the Chukchi-Beaufort Sea area, by necessity, were based principally on the plotted coastal stations' statistics, extrapolations of weather patterns identified in isopleth analyses for the warmer months, the period of greater data availability, and other marine and continental atlases and publications.

To supplement the isopleth analyses, nearly 16,750 monthly statistical graphs, tables, and roses were produced for 50 of the 66 land stations, 16 representative marine areas, and 43 5° by 5° marine areas. The graphics represent the objective compilation of all available data; they were not adjusted for suspected biases, and differences may be found when comparing the graphics data with the isopleth analyses.

For each topic set, all months are grouped in calendar order with one or two pages preceding each set containing the legend and narrative for that set. The legends contain detailed instructions on how to read the graphics and provide remarks which aid in interpreting the data. The following paragraphs contain additional remarks which are likely to be of interest to those called upon to interpret the data and provide answers to specific operational questions. The table on page II-4 describes the data and marine areas for this volume.

A word of caution. The intent of this atlas presentation was to gather and present existing data on climatological conditions within the marine and near coastal areas of Alaska and adjacent Canada and Russia. The data are presented without discussion and interpretations. Given the information presented in the introductory text, legend descriptions with related text, and number of observations (with measures of variability for some) displayed with the graphics presentations, the user should be able to assess the degree of statistical confidence in the presented climatology for a given month and location.

Standard Deviation

Some of the graphs display approximation of the empirical probability of occurrence of selected criteria. This is a major factor in assessing the risk involved in operational planning. For certain elements, unbiased estimates of population standard deviations are given on the graphs to provide a measure of variability. The standard deviation was computed using the expression:

$$s = \left[\frac{N \sum x_j^2 - [\sum x_j]^2}{N(N-1)} \right]^{1/2}$$

where N is the number of observations in the sample and x_j is the j th realization of the random variable x .

Sea Ice

The ice isopleths presented in Sets 17-19 give the percent probability of finding ice of any kind, ice concentration of one-half coverage or more, and ice thickness of eight feet or more, within the Alaska study area. Actual concentration boundaries, under the influence of changing synoptic meteorological and oceanographic

situations, may vary widely from the averages. An isopleth label, therefore, does not explicitly define the conditions on either side of the line since presence of sea ice is discontinuous in nature and regions of 80% mean ice concentration may be bordering regions of 20% ice concentrations with no intermediate region of 50% ice concentration. However, the inherent continuity of persistence of sea ice features permit an isopleth presentation to provide meaningful information.

The sea ice data were derived from digitized weekly analyses of sea ice conditions based primarily on satellite imagery (90%) supplemented by ship and shore reports, and aerial reconnaissance. These weekly polar sea ice analyses have been operationally produced by the U.S. Navy/NOAA Joint Ice Center (JIC) since 1972. In 1981, JIC initiated a Sea Ice Digitization Program to digitize the weekly polar ice maps as they become available. NCDC was funded by the U.S. Navy to design software and digitize all weekly ice concentration charts available since 1972 and ice thickness charts available since 1980, and produce polar ice atlases based on data through 1982. The Antarctic Ice Atlas was published in 1985, and the Arctic West and the Arctic East Atlases in 1986 (U.S. Navy 1986). The U.S. Navy also funded NCDC to accelerate the digitization of the West Arctic weekly charts through 1985 and produce the ice statistics presented in this atlas.

Low Pressure Center Movement

The roses and tracks of the low pressure center movement maps presented in Set 22 are based on 20 years of Northern Hemisphere track charts (January 1966 - December 1985) prepared by the National Weather Service's National Meteorological Center. These charts show cyclone tracks based on 6-hourly positions of closed centers. The NCDC was funded by the U.S. Navy to develop the software and digitize some 240 monthly cyclone track charts to permit inclusion of the statistics in this atlas. Frequencies of cyclone centers passing through 5° squares were analyzed by meteorologists within the 35°-80°N, 115°W-160°E area of the North Pacific Ocean to obtain the mean tracks. Primary tracks were selected along axes of maximum cyclone center frequency and secondary tracks along axes of moderate frequency.

Persistence of Wind and Waves

Duration and interval tables are presented in Set 23 for wind speed and wave height. Seasonal and annual tables contain objective

compilations for 23 grid points in the Gulf of Alaska and Bering Sea. The statistics are based on numerically-derived wind and wave data generated by NCDC using the Hindcast Spectral Ocean Wave Model (SOWM), developed by Dr. Willard J. Pierson and others, in producing U.S. Navy's SOWM Climatic Atlases for the North Pacific and North Atlantic Oceans (U.S. Navy 1985). No SOWM data were available to produce persistence statistics for grid points within the Beaufort Sea (Vol. III) area.

Episodes of durations (continuous hours or days) of events and episodes of intervals (continuous hours or days) between events were tallied for various thresholds. These tables give an indication of how long an episode is likely to last once it has begun. For convenience, the time an episode persisted above a given threshold is arbitrarily referred to as a "duration" of the event. The times between episodes have been termed "intervals." Data were summarized on a seasonal and annual basis because 12.5 years of hindcast data were considered too small a sample to provide representative durations and intervals for long episodes of wind and wave conditions on a monthly basis. The winter season is January-March; spring, April-June; summer, July-September; and autumn, October-December (World Meteorological Organization, 1981).

Return Periods for Maximum Winds and Waves

Tables of estimated maximum sustained wind speeds and wave heights for selected return periods are presented in Set 24 (Set 23 for Volume III). Estimates for winds are presented for 50 coastal stations within the 3-volume area and for 23 marine grid points within the Gulf of Alaska and Bering Sea areas (Vols. I and II). Hourly wind observations for the stations and numerically-derived wind and wave data generated by Pierson's Spectral Ocean Wave Model (SOWM) for the marine grid points were used in determining the wind and wave extreme estimates. No SOWM data were available for the Beaufort Sea (Vol. III) area. Following the method outlined by Lieblein (1954, 1974a, 1974b), these estimates were obtained by initially fitting an extreme value distribution to each station and marine grid point sample containing N maximum monthly or annual wind speed or wave height values, then inverting the distribution and computing extreme values for selected probabilities. Confidence bands were then computed following the techniques of Gumbel (1958), and Gumbel and Lieblein (1954).

The extreme value distribution has the form:

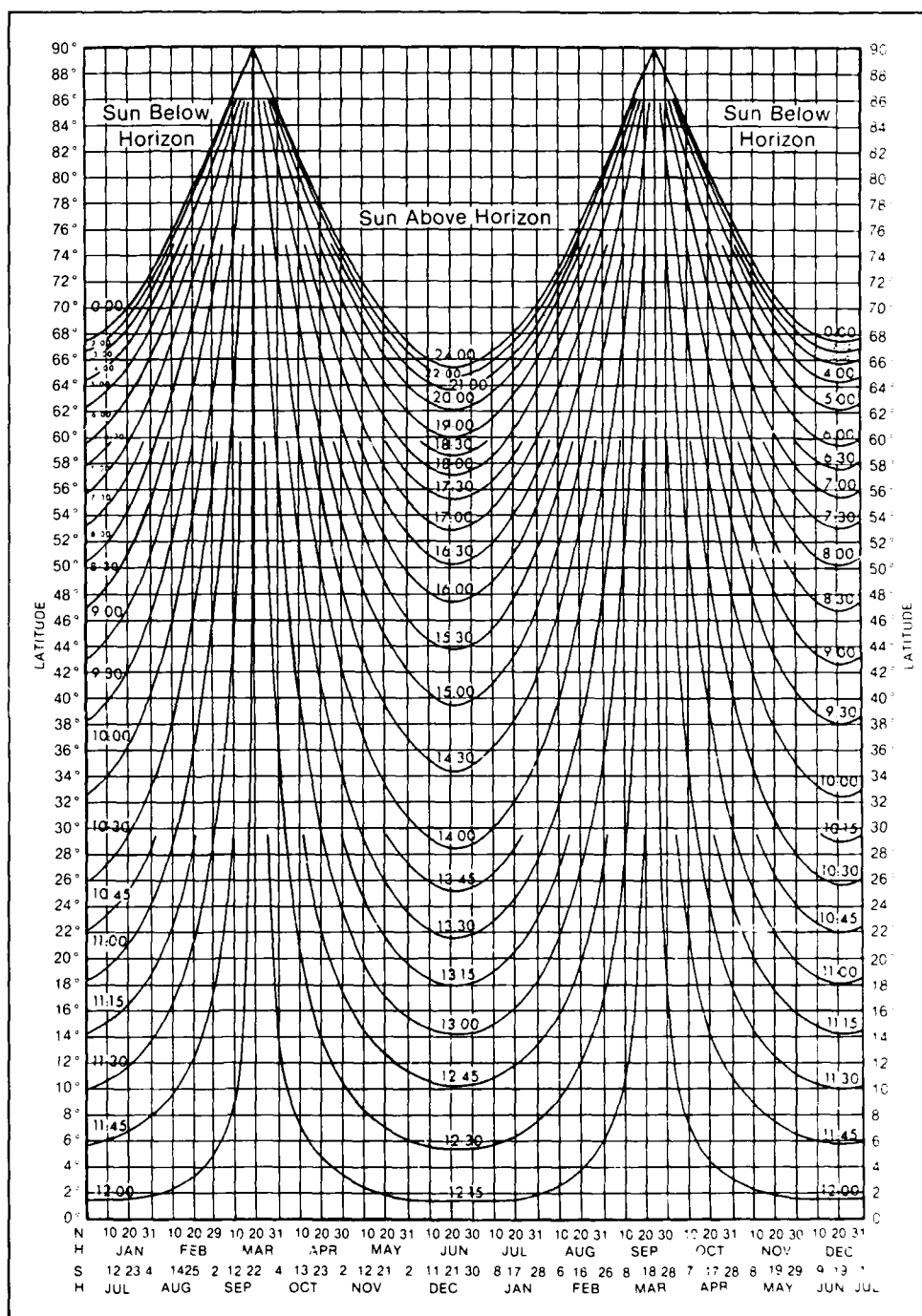
$$F(x) = F(x; \mu, \beta) = \exp \left[- \exp \left(- \frac{x - \mu}{\beta} \right) \right]$$

where $F(x)$ is the probability that our observations are equal to or less than the specified value x , μ is the mode, and β is the scale parameter. Since the wind data were transformed logarithmically, μ and β refer to the transformed data, not to the wind maxima. The values given in the tables of Set 24 are the result of applying the natural logarithms of the N annual extreme wind to the extreme value model, determining the μ and β for each data set, and then exponentiating the logarithms of the estimates to give the probability estimates in knots. The wave data were not transformed logarithmically and, therefore, μ and β are in feet.

Graphic presentations similar to Figure 1 of Set 24 were drawn for each month and for the annual values, and are available on microfiche at the NCDC. The year/month extreme data for each station and marine grid point are also available on magnetic tape. These presentations provide a visual indication of the "goodness of fit" of the model to the data. The confidence limits shown by the envelope of lines about the line of "best fit" represent the level of uncertainty in the extreme value estimate corresponding to a given probability. For this study, 68% confidence limits were computed. This means that in 68% of repeated samples, the true extreme value will be contained within these limits.

Duration of Daylight

The duration-of-daylight chart for the Northern Hemisphere defines daylight as the period from sunrise to sunset. The upper scale at the bottom of the chart is for the Northern Hemisphere; the lower scale is for the Southern Hemisphere. For example, daylight on July 20 of any year at 48°N is about 15 hours and 30 minutes for any longitude. The data source was the U.S. Naval Observatory (1945) and is accurate for the entire twentieth century. Further details may be obtained from *The Daylighter* of the Navy Weather Research Facility (1960). Additional light (during twilight) may be usable for many purposes. Duration of daylight in high latitudes (poleward of about 60°) becomes increasingly dependent upon atmospheric conditions and refraction, and there may be some departure from the values depicted on the charts.



Volume III

The following stations and representative marine areas have data plotted for analysis and graphics.

| Land Stations | Lat.(°N) | Long.(°W) | Data Processed | No. of Obs. | No. of Obs./Day |
|-------------------|----------|-----------|---|-------------|-----------------|
| Barrow | 71.3 | 156.8 | Jul 1948-Apr 1985 | 221,998 | 8-24 |
| Barter | 70.1 | 143.6 | Jan 1949-Apr 1985 | 215,560 | 8-24 |
| Buhta Ambarchik* | 69.6 | 162.3E | Jan 1959-Dec 1963; + Jan 1969-Apr 1985 + | 35,323 | 8 |
| Cape Billingsa* | 69.9 | 176.1E | Jan 1959-Dec 1963; Jan 1969-Apr 1985 + | 32,418 | 8 |
| Cape Lisburne | 68.9 | 166.1 | Aug 1952-Dec 1971; Jan 1973-Apr 1985 | 246,746 | 19-24 |
| Cape Parry | 70.2 | 124.7 | Jan 1956-Dec 1983 | 231,514 | 8-24 |
| Cape Young* | 68.9 | 116.9 | Jan 1953-Oct 1967 | 9,873 | 2 |
| Cetyrehstolbovoj* | 70.6 | 162.4E | Jan 1959-Dec 1968; Jan 1973-Apr 1985 | 48,062 | 8 |
| Clinton Point | 69.6 | 120.8 | Jan 1973-Dec 1983 | 53,551 | 4-24 |
| Holman | 70.7 | 117.8 | Jan 1958-Dec 1983 | 51,523 | 4-24 |
| Komakuk Beach* | 69.6 | 140.2 | Aug 1973-Dec 1983 | 17,185 | 4-8 |
| Kotzebue | 66.9 | 162.6 | Jan 1945-Apr 1985 | 255,392 | 8-24 |
| Lonely | 70.9 | 153.2 | Jul 1957-Apr 1985 | 40,243 | 4 |
| Mould Bay | 76.2 | 119.3 | Jan 1953-Dec 1983 | 133,752 | 8-24 |
| Mys Shmidta | 68.9 | 179.5 | Jan 1959-Apr 1985 + | 55,146 | 8 |
| Mys Uelen | 66.2 | 169.8 | Jan 1959-Apr 1985 + | 55,053 | 8 |
| Nicholson* | 69.9 | 129.0 | Aug 1973-Dec 1983 | 17,123 | 4-8 |
| Oliktok | 70.5 | 149.9 | Aug 1957-Apr 1985 | 38,955 | 4 |
| Ostrov Kolychino | 67.5 | 174.6 | Jan 1959-Dec 1963; Jan 1969-Apr 1985 + | 33,418 | 8 |
| Ostrov Ratmanova* | 65.8 | 169.1 | Jan 1959-Dec 1963; Jan 1969-Sep 1984 + | 13,838 | 4 |
| Ostrov Vrangolja | 71.0 | 178.5 | Jan 1959-Dec 1968; Apr 1970-Apr 1985 + | 51,312 | 4-8 |
| Point Lay | 69.7 | 163.0 | Aug 1957-Apr 1985 | 38,643 | 4 |
| Sachs Harbour | 72.0 | 125.3 | Nov 1955-Dec 1983 | 129,276 | 8-24 |
| Shingle Point* | 68.9 | 137.3 | Aug 1973-Dec 1983 | 17,155 | 4-8 |
| Tin City | 65.6 | 167.9 | May 1953-Dec 1971; Jan 1973-Apr 1985 | 246,842 | 19-24 |
| Tuktoyaktuk | 69.5 | 133.0 | Jan 1958-Dec 1983 | 38,032 | 4 |
| Valkarkay* | 70.1 | 171.0E | Jan 1959-Dec 1968; Jan 1973-Apr 1985 | 35,460 | 8 |
| Zaliv Kresta* | 66.4 | 179.1 | Jan 1960-Apr 1985 + | 54,124 | 8 |

+ Period excludes Jul 1971-Dec 1972.

*Stations used for isopleth analyses only; no graphics produced.

| Representative Marine Areas | Lat.(°N) | Long.(°W) | Data Processed | No. of Obs. |
|-----------------------------|----------|-------------|----------------|-------------|
| A | 70-75 | 164W-176E | 1878-1984 | 9,403 |
| B | 70-75 | 144-164 | 1916-1984 | 24,845 |
| C | Coast-75 | 124-144 | 1950-1984 | 32,883 |
| D | 65-70 | Coast-Coast | 1878-1984 | 11,925 |

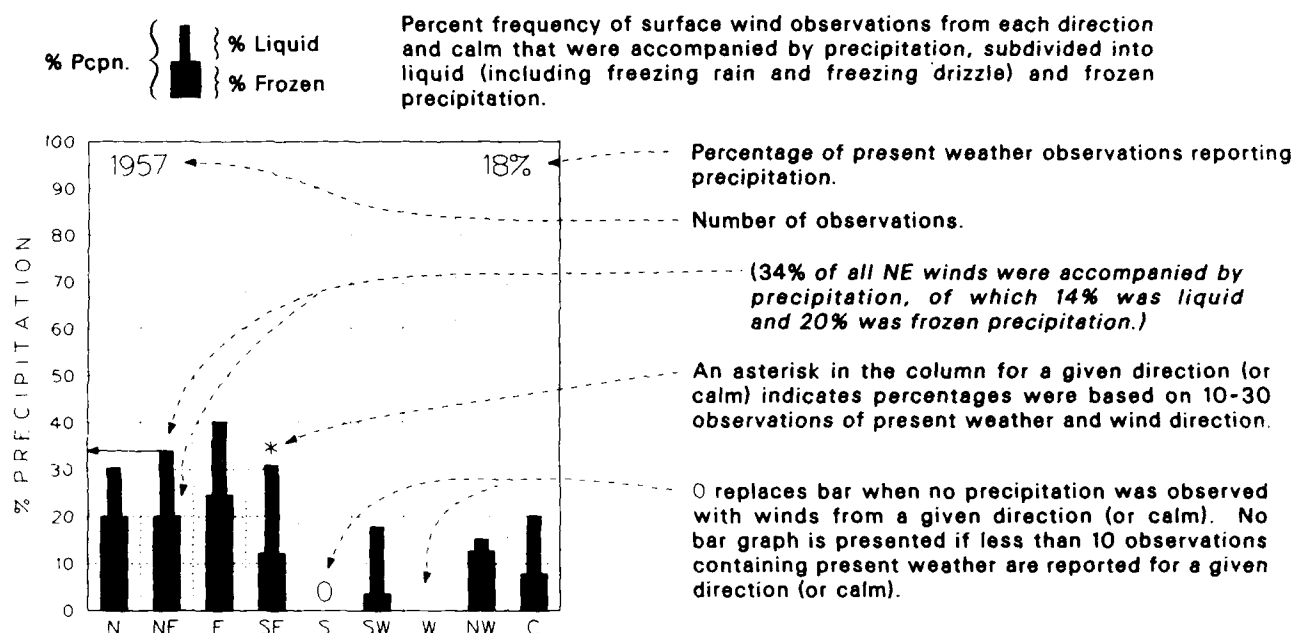
Map 1. Precipitation

BLACK LINE – Percent frequency of observations reporting precipitation.

BLUE LINE – Percent frequency of precipitation observations reporting frozen precipitation.

Albers Equal-Area Conic Projection

Graphs: Precipitation/wind direction



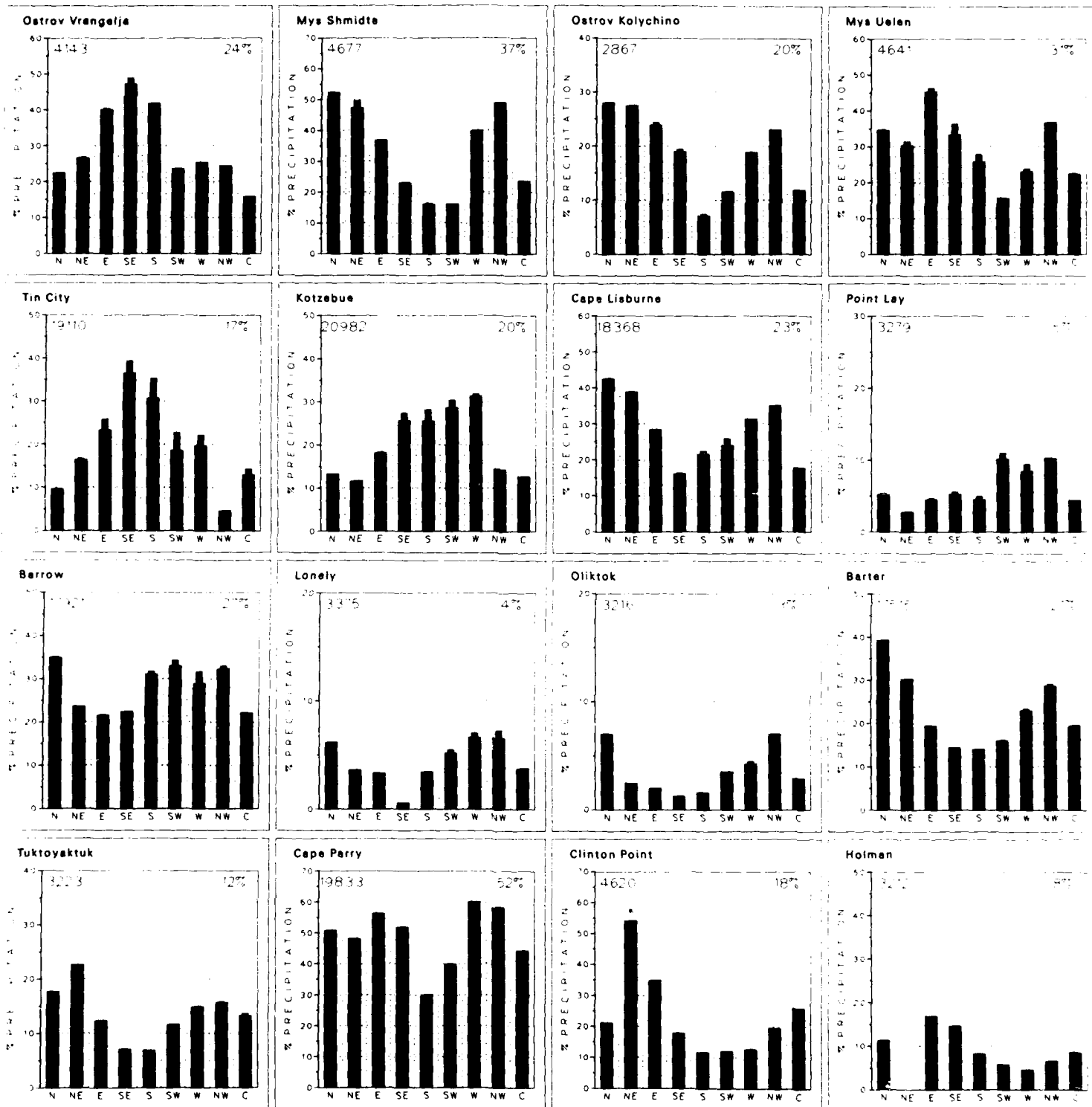
The percent frequency of observations reporting frozen precipitation for a given point on a monthly isopleth map can be determined by multiplying the percent frequency of observations reporting precipitation (BLACK LINE) with that of precipitation observations reporting frozen precipitation (BLUE LINE).

Of the elements recorded in the historical marine data base, precipitation is one that is most subject to error in both the way it is observed and the way it is interpreted. It is often implied in the literature that ships often try to avoid foul weather and thereby bias the oceanic climatology towards fair weather. A recent study by Elms (1986), in which he compared the Volunteer Observing Ship (VOS) data to Ocean Station Vessel (OSV) and buoy data, concluded there is little evidence that "fair weather bias" is a serious problem for most applications of marine climatic data.

Assessing oceanic rainfall data is a major problem because transit ships are unable to take quantitative precipitation measurements. A number of studies have been conducted in efforts to predict precipitation amounts, or rates of fall, based on estimates derived from the use of present weather observations from ships of opportunity (Goroch, et al., 1984) and reading from satellites (Rao, et al., 1976). Refer to the text and table in Set 2 for additional information about precipitation.

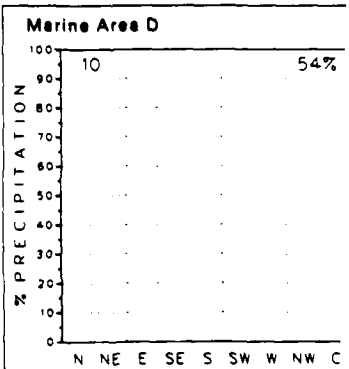
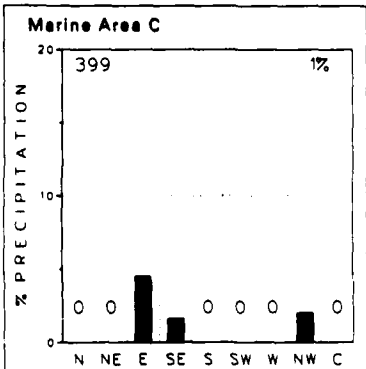
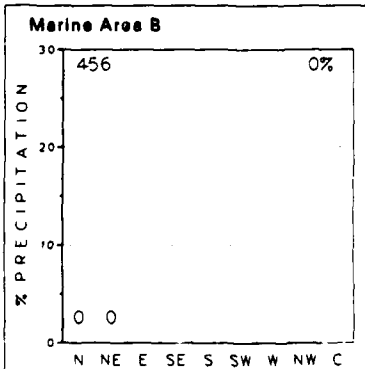
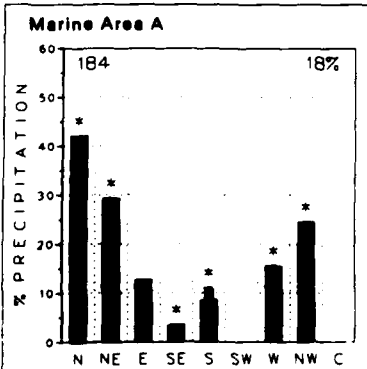
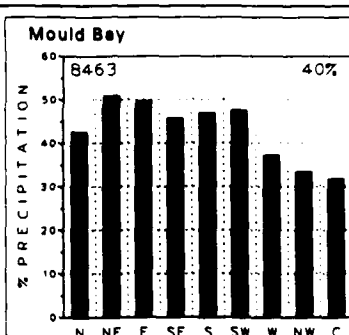
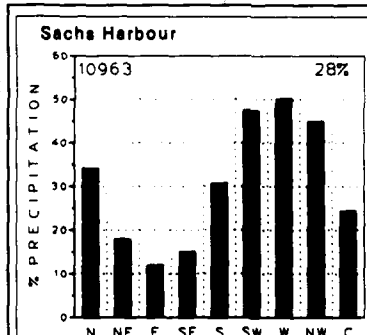
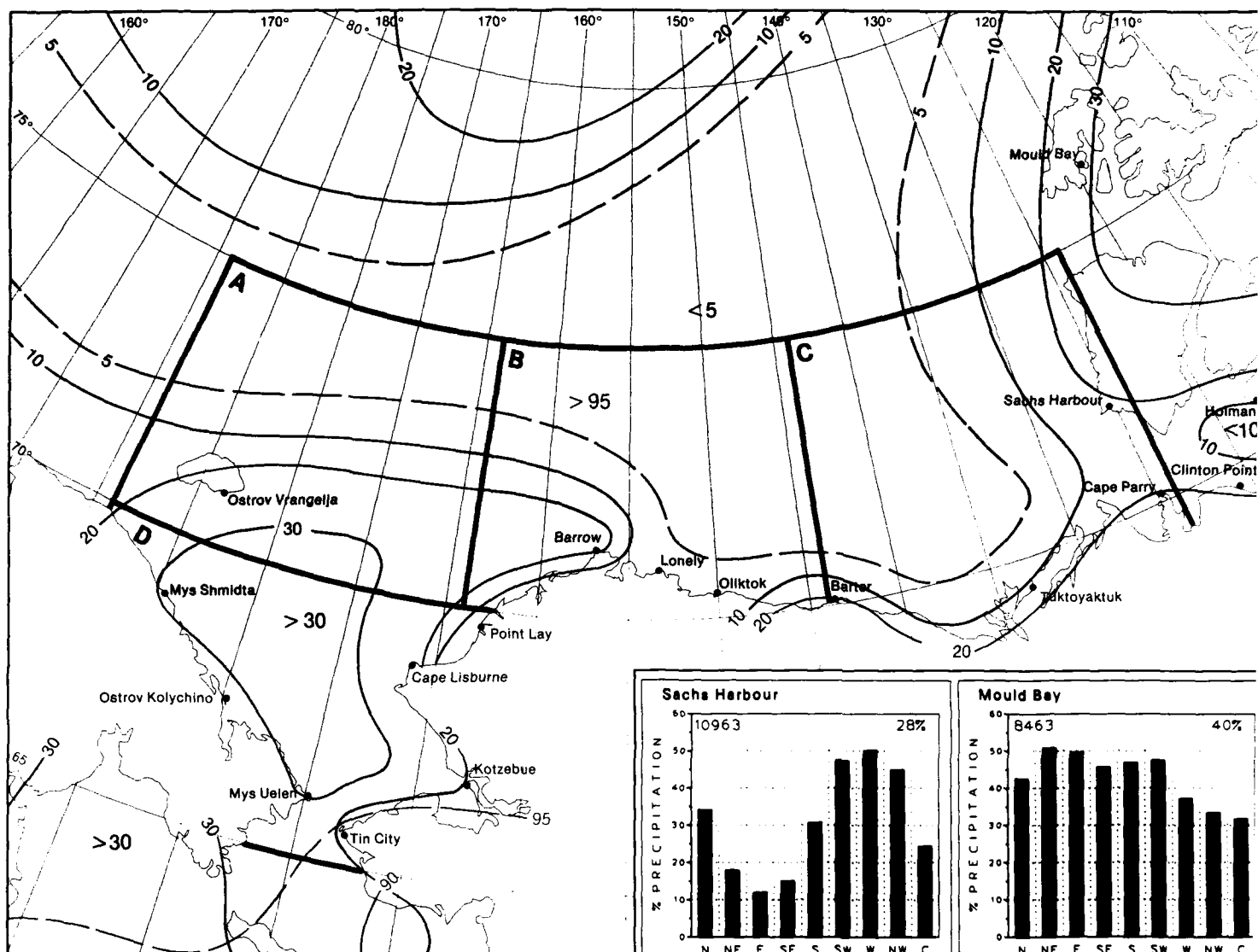
1 Legend

Legend



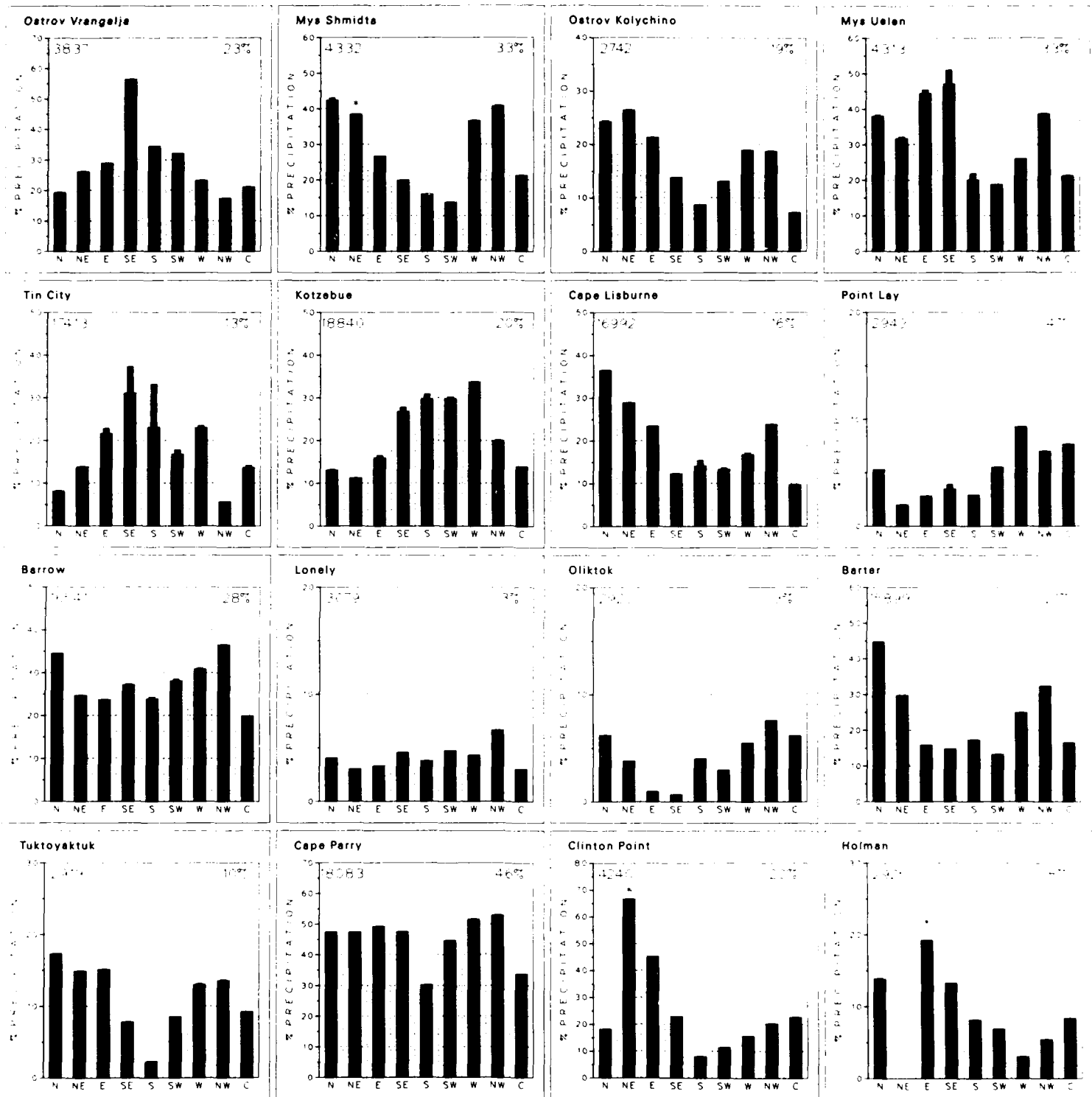
January

1 Precipitation and Wind Direction



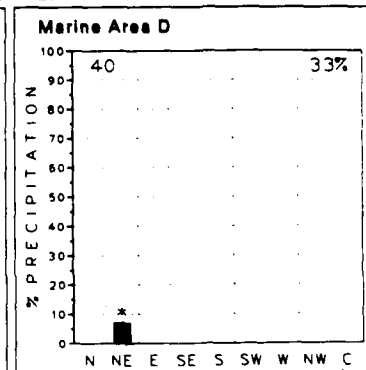
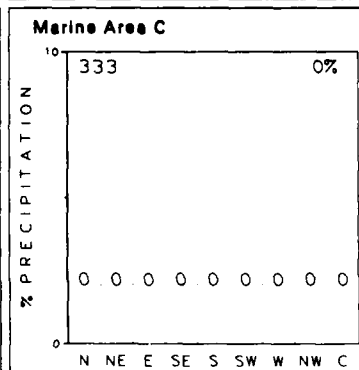
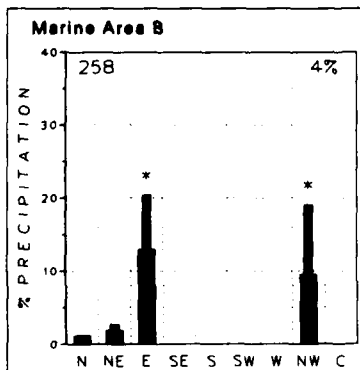
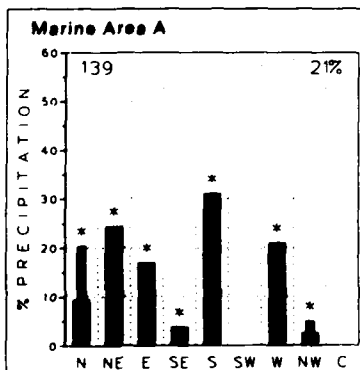
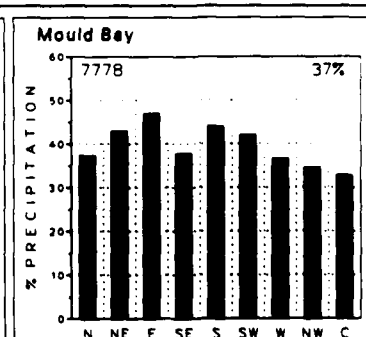
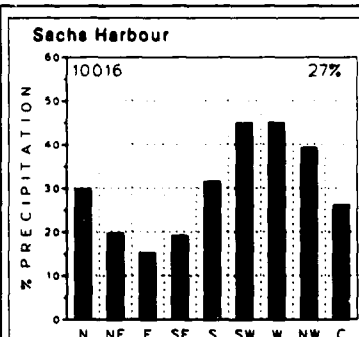
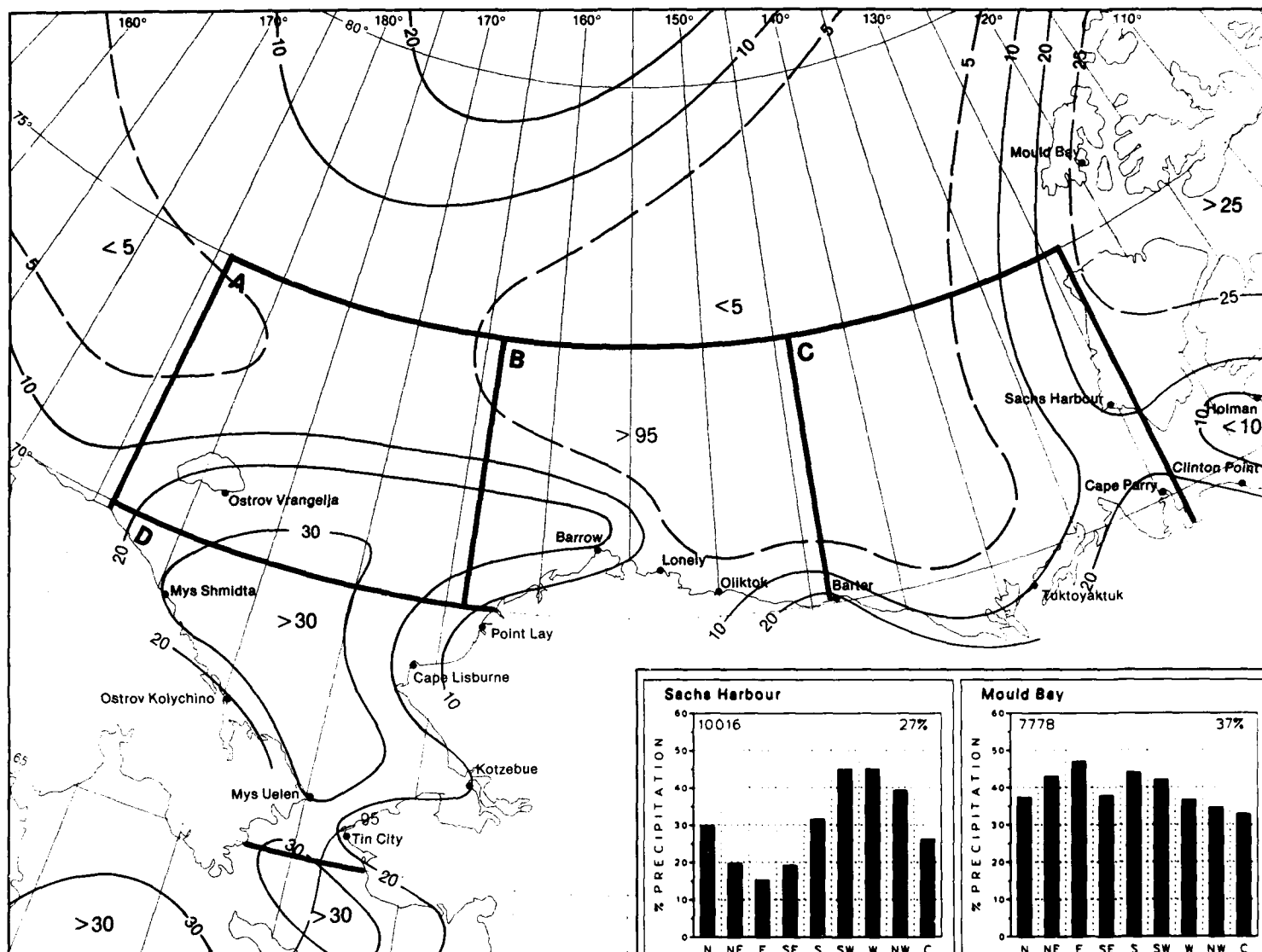
1 Precipitation

Janua



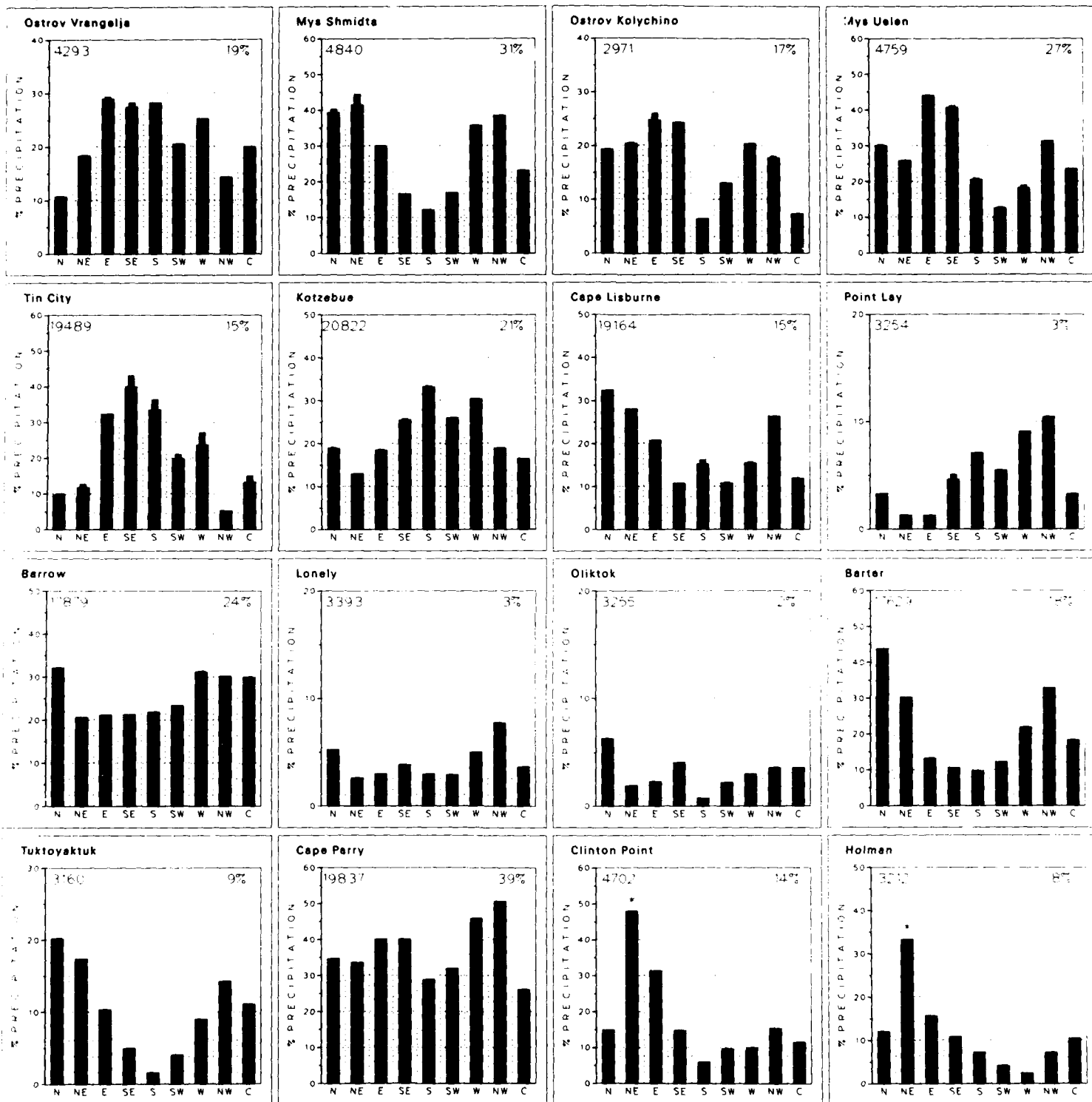
February

1 Precipitation and Wind Direction



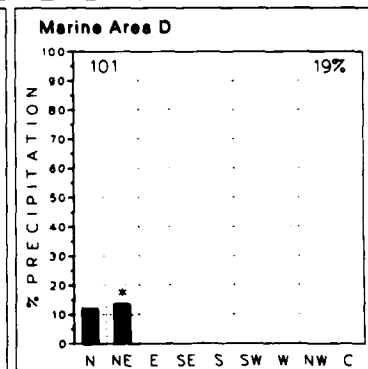
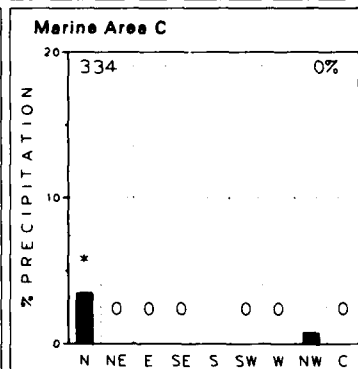
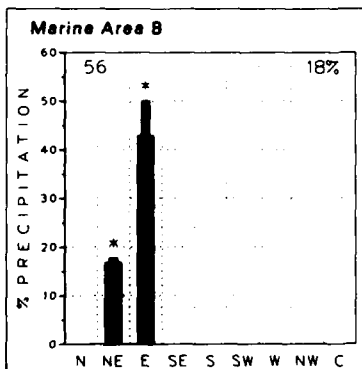
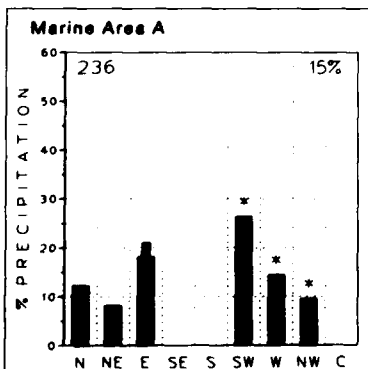
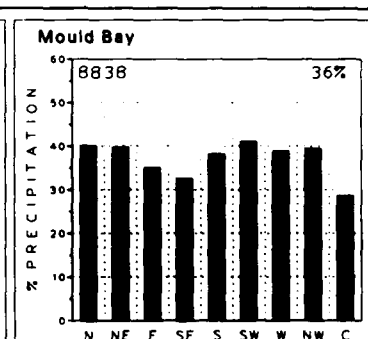
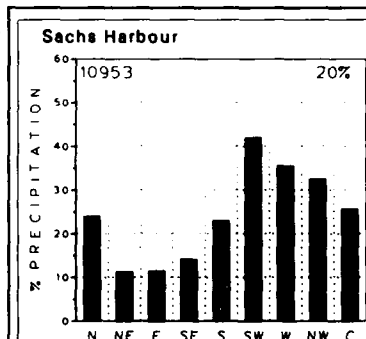
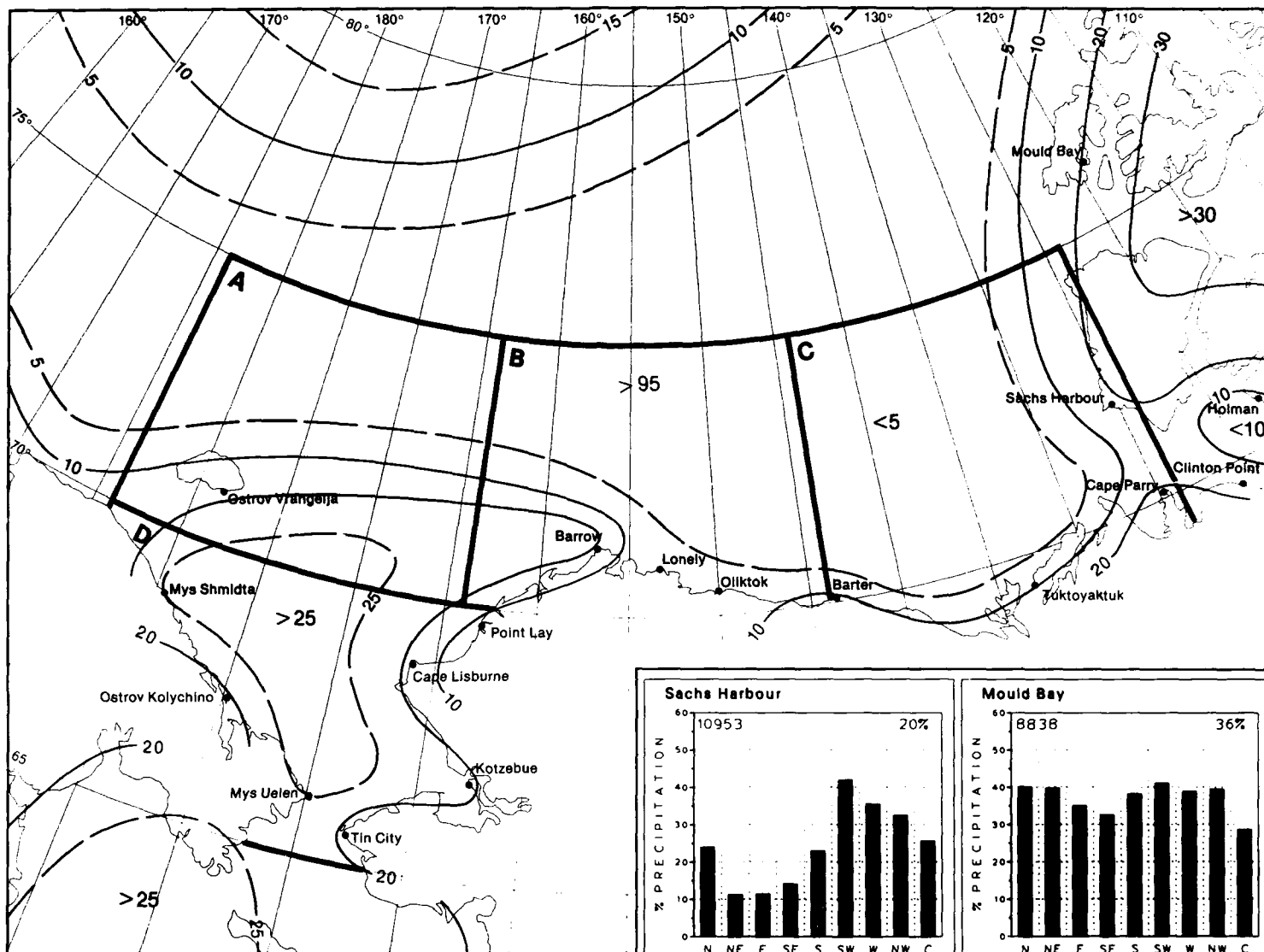
1 Precipitation

February



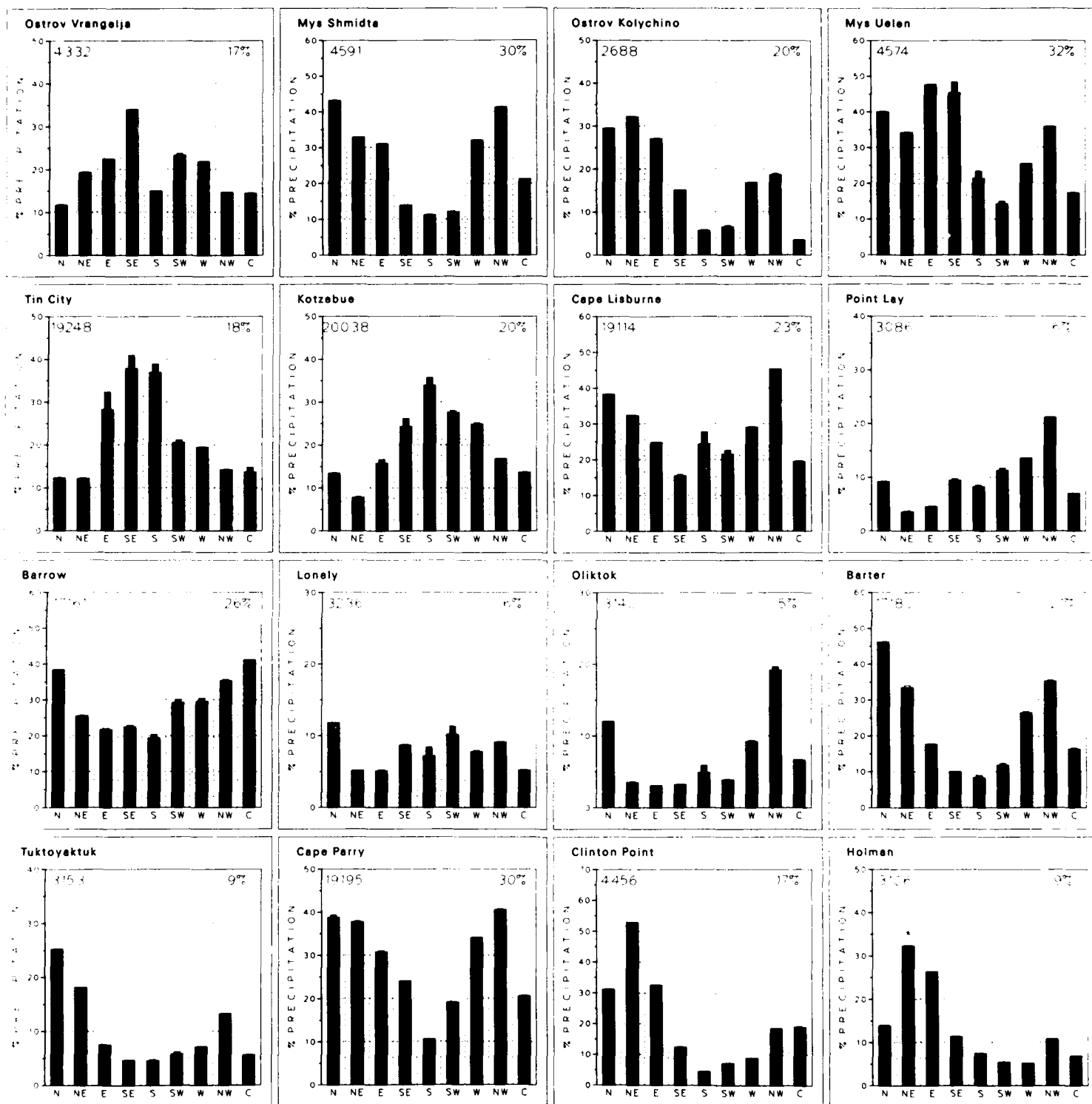
March

1 Precipitation and Wind Direction



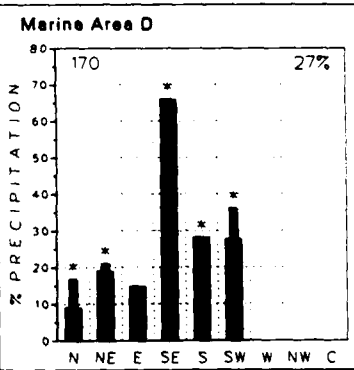
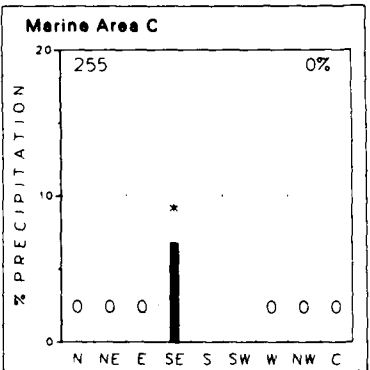
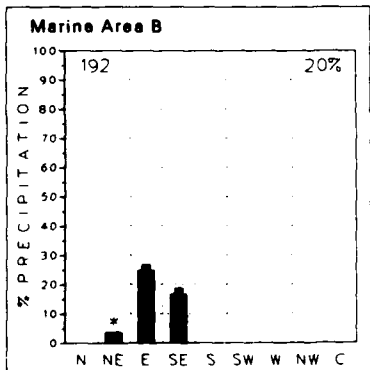
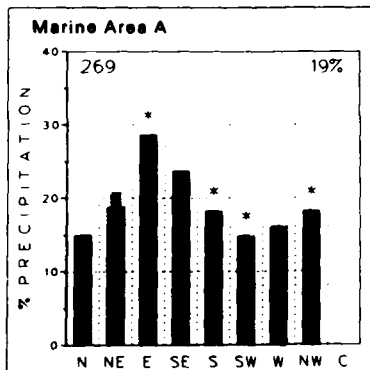
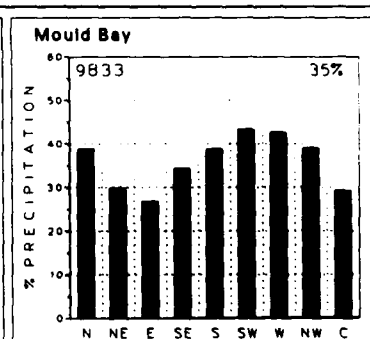
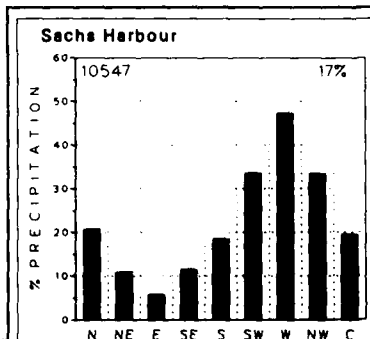
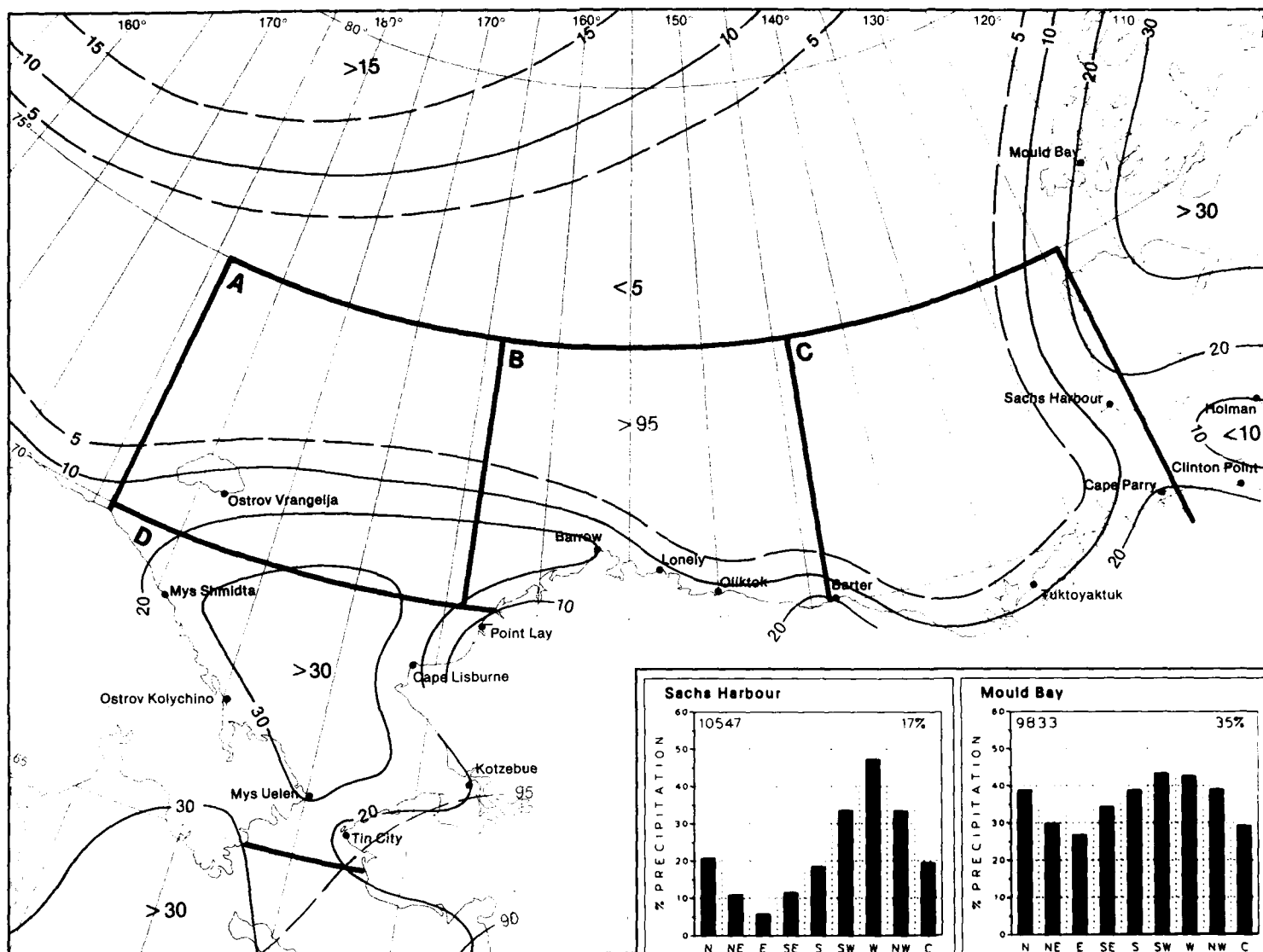
1 Precipitation

March



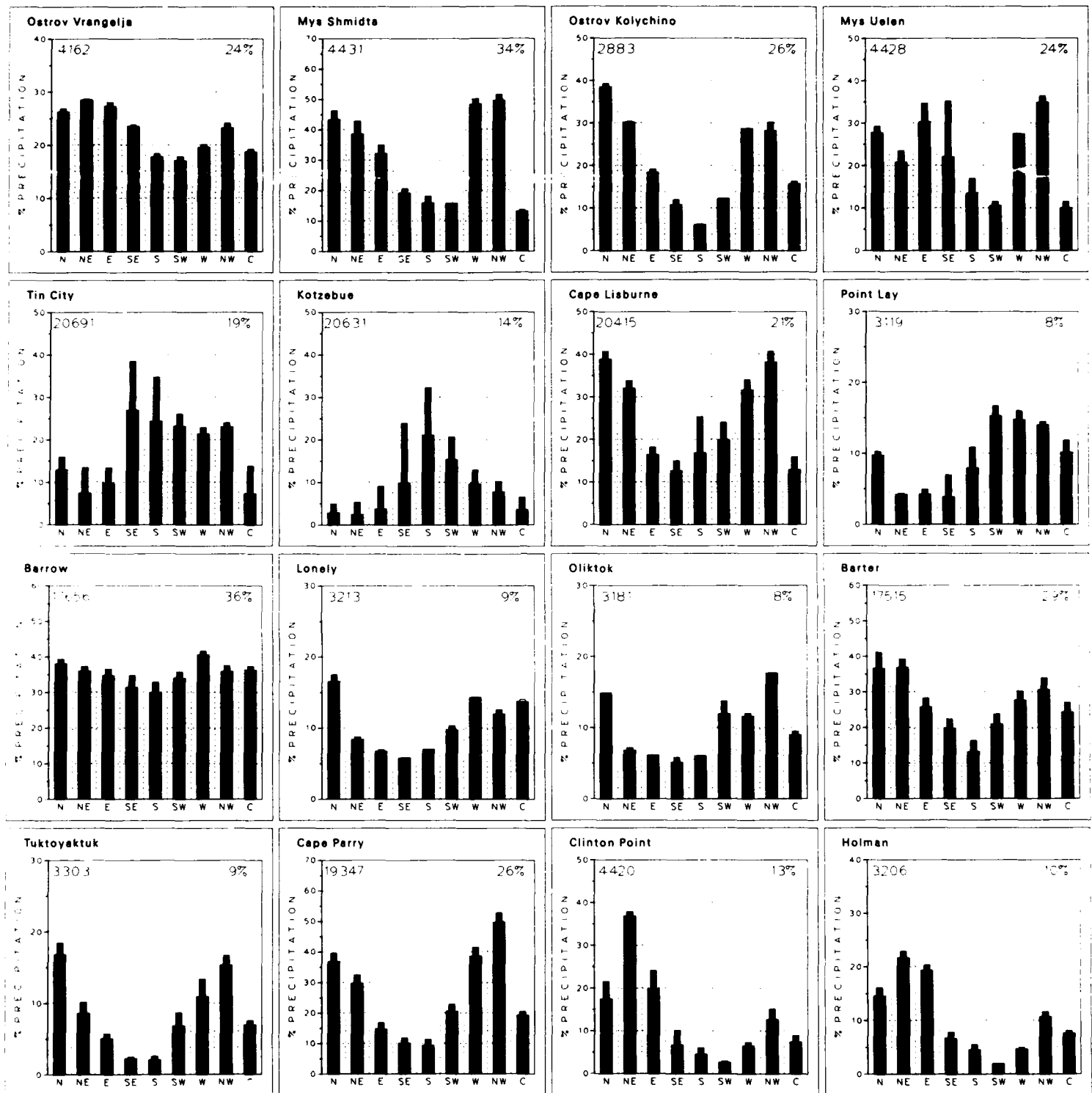
April

1 Precipitation and Wind Direction



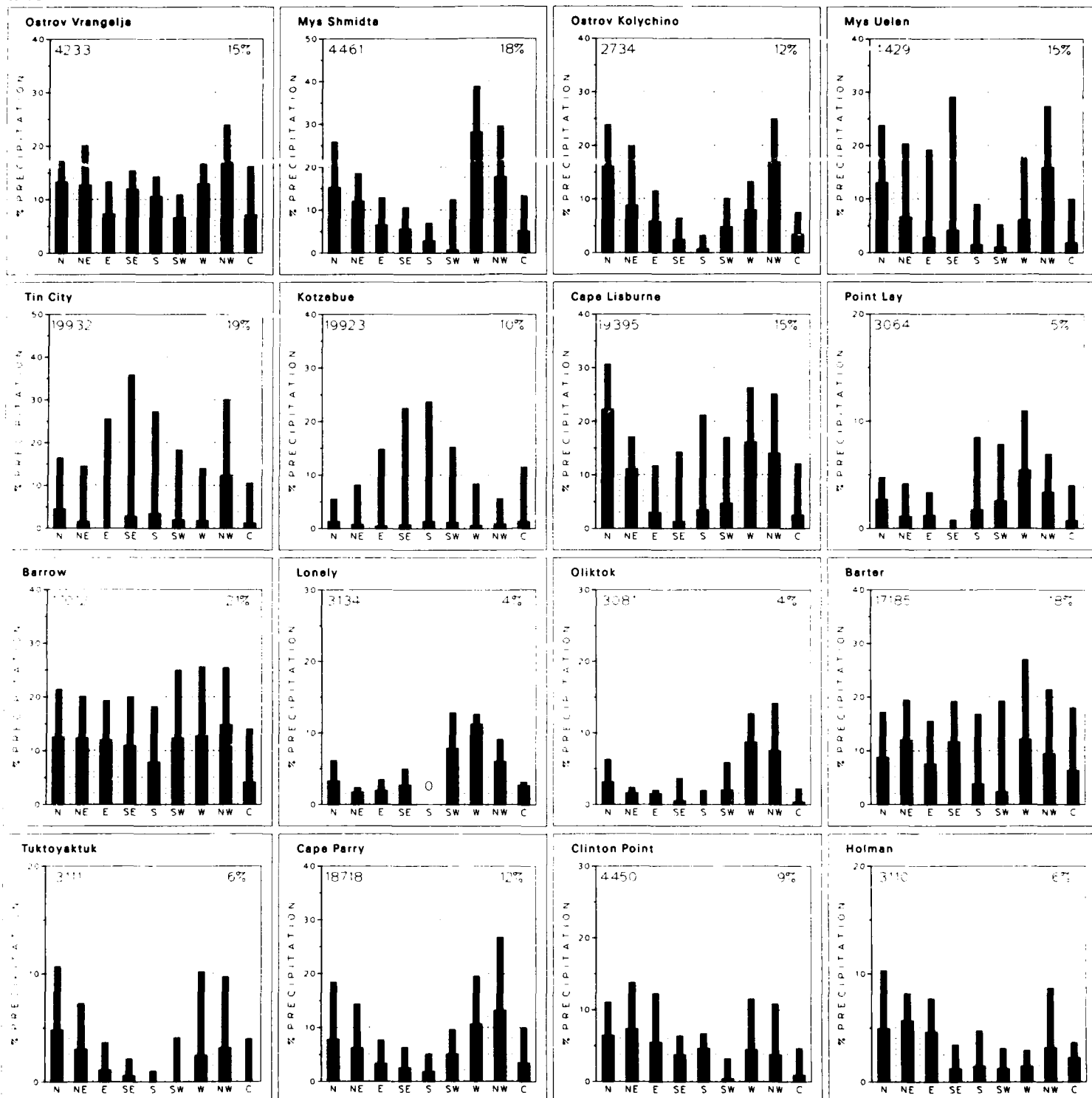
1 Precipitation

April



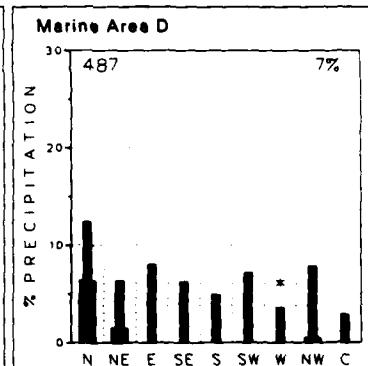
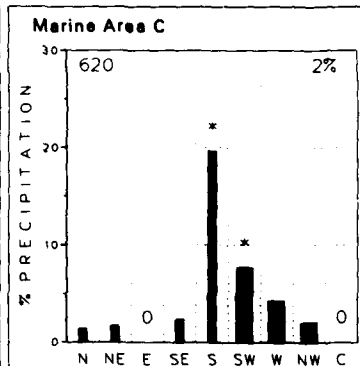
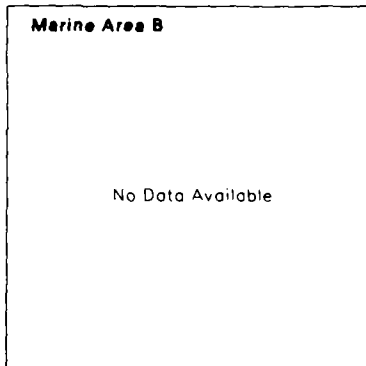
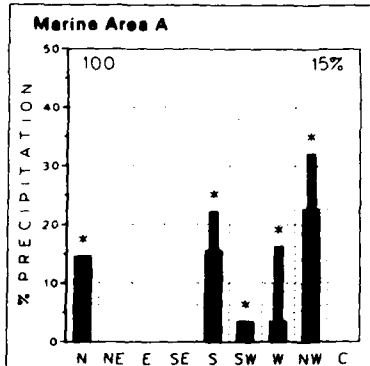
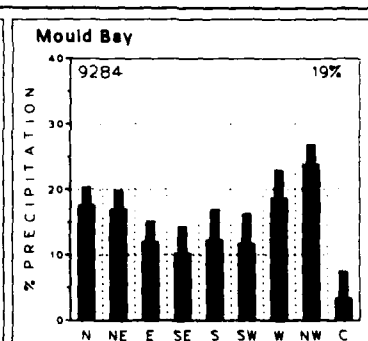
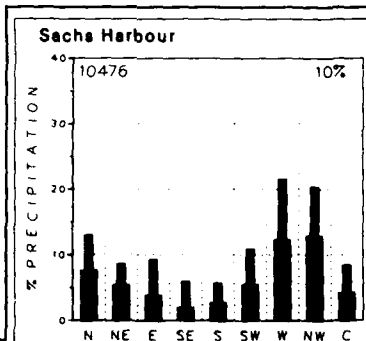
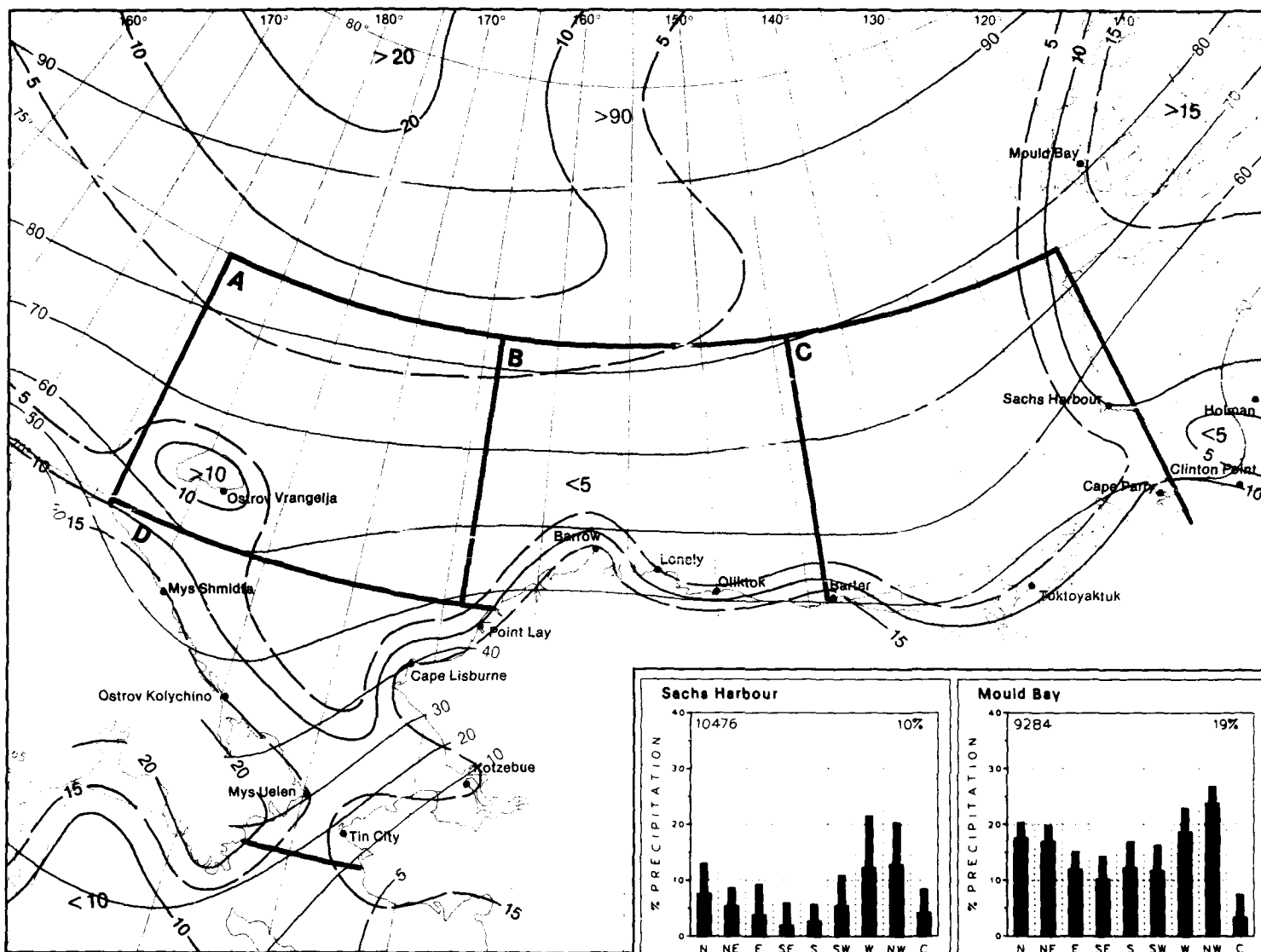
May

1 Precipitation and Wind Direction



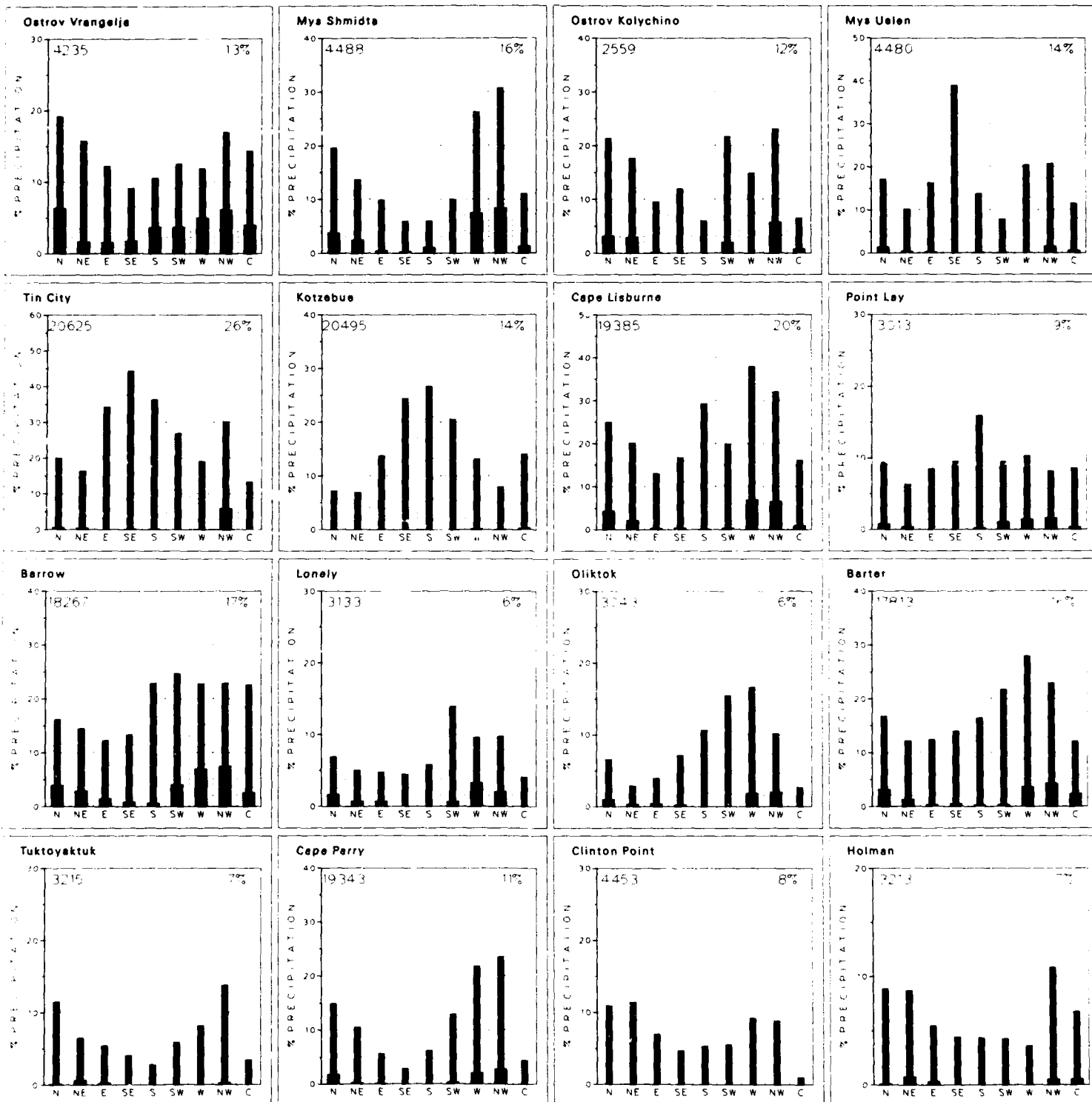
June

1 Precipitation and Wind Direction



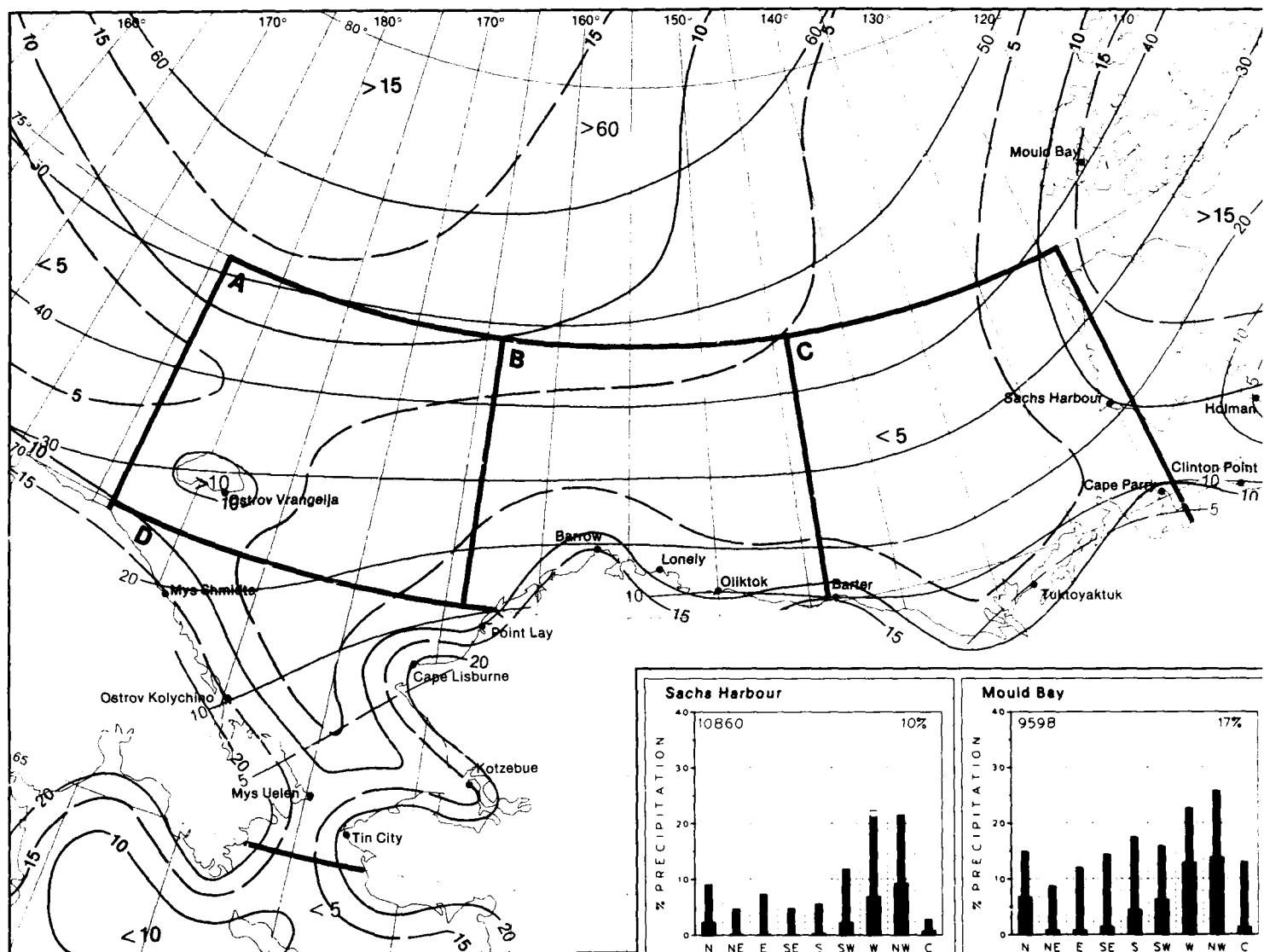
1 Precipitation

June

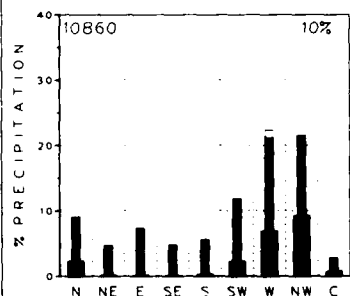


July

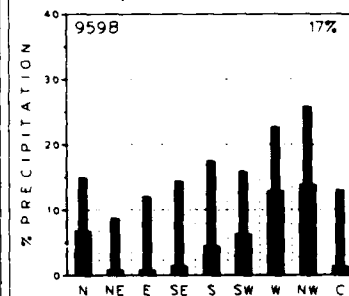
1 Precipitation and Wind Direction



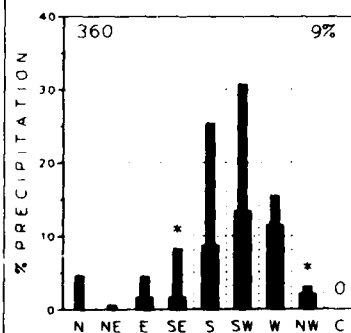
Sachs Harbour



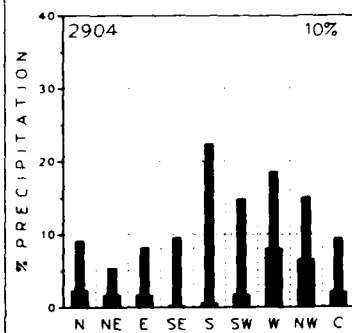
Mould Bay



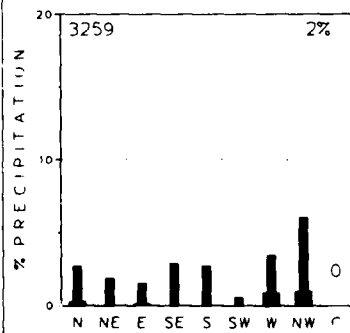
Marine Area A



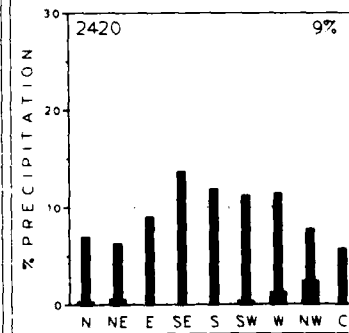
Marine Area B



Marine Area C

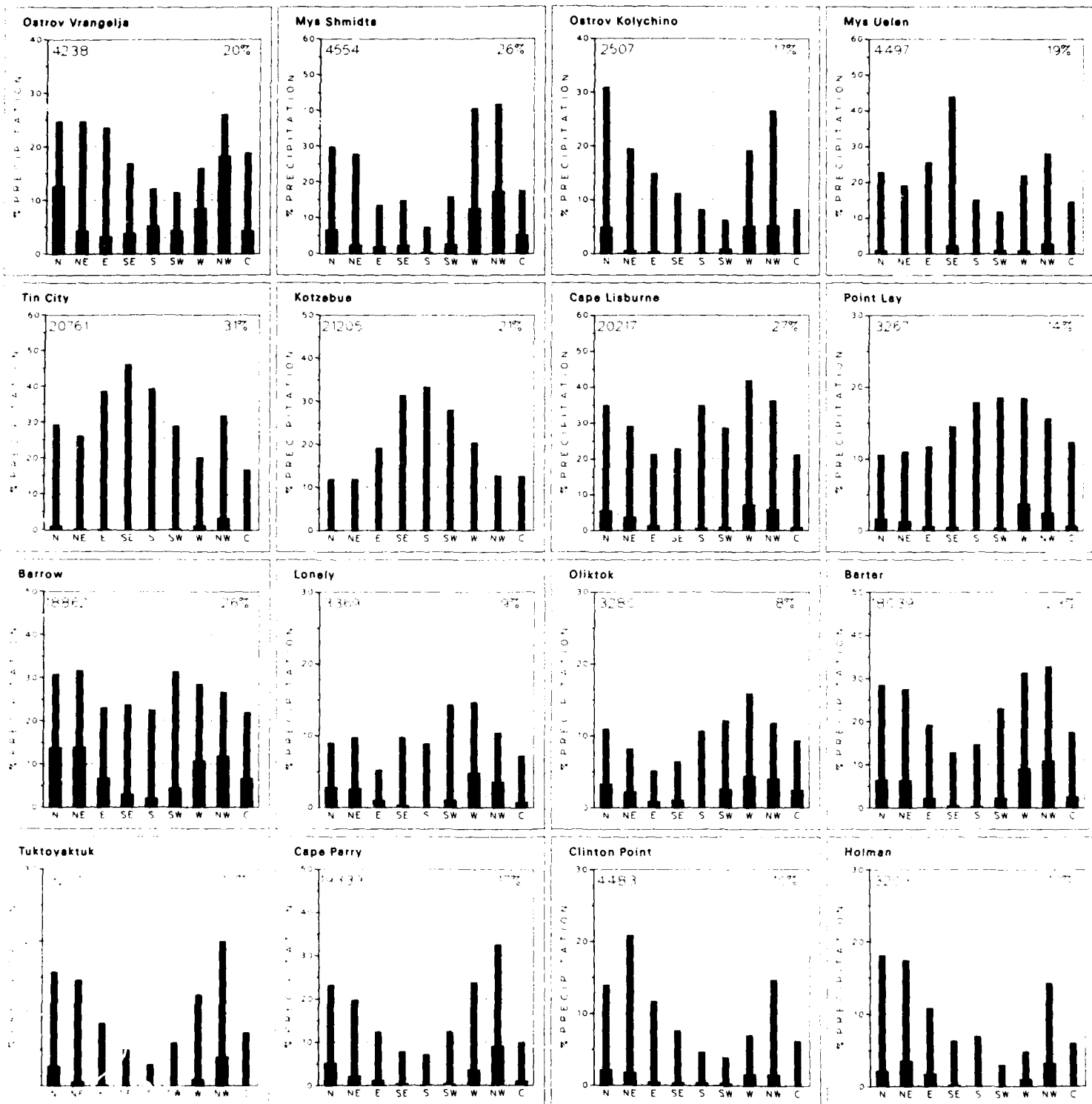


Marine Area D



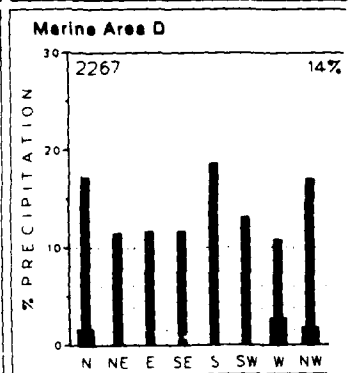
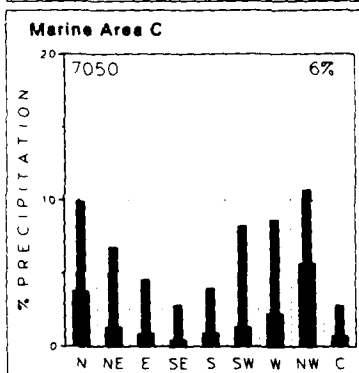
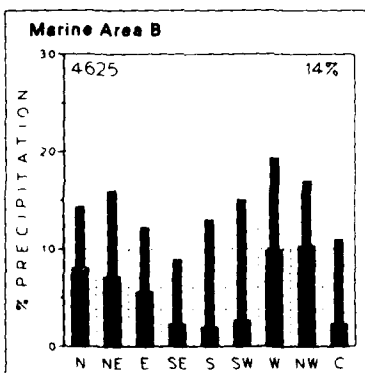
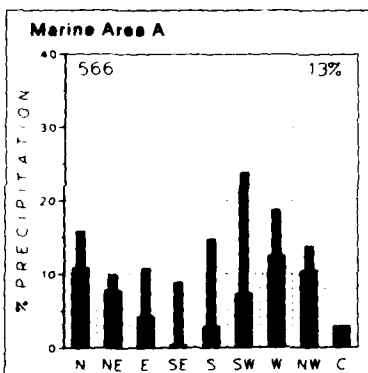
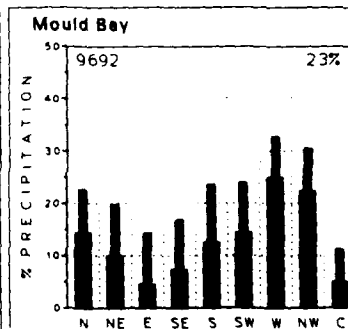
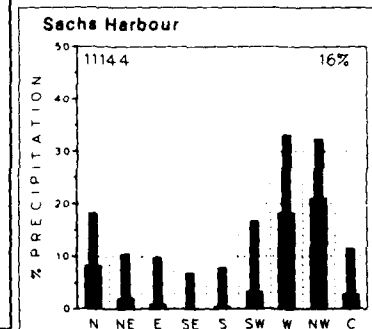
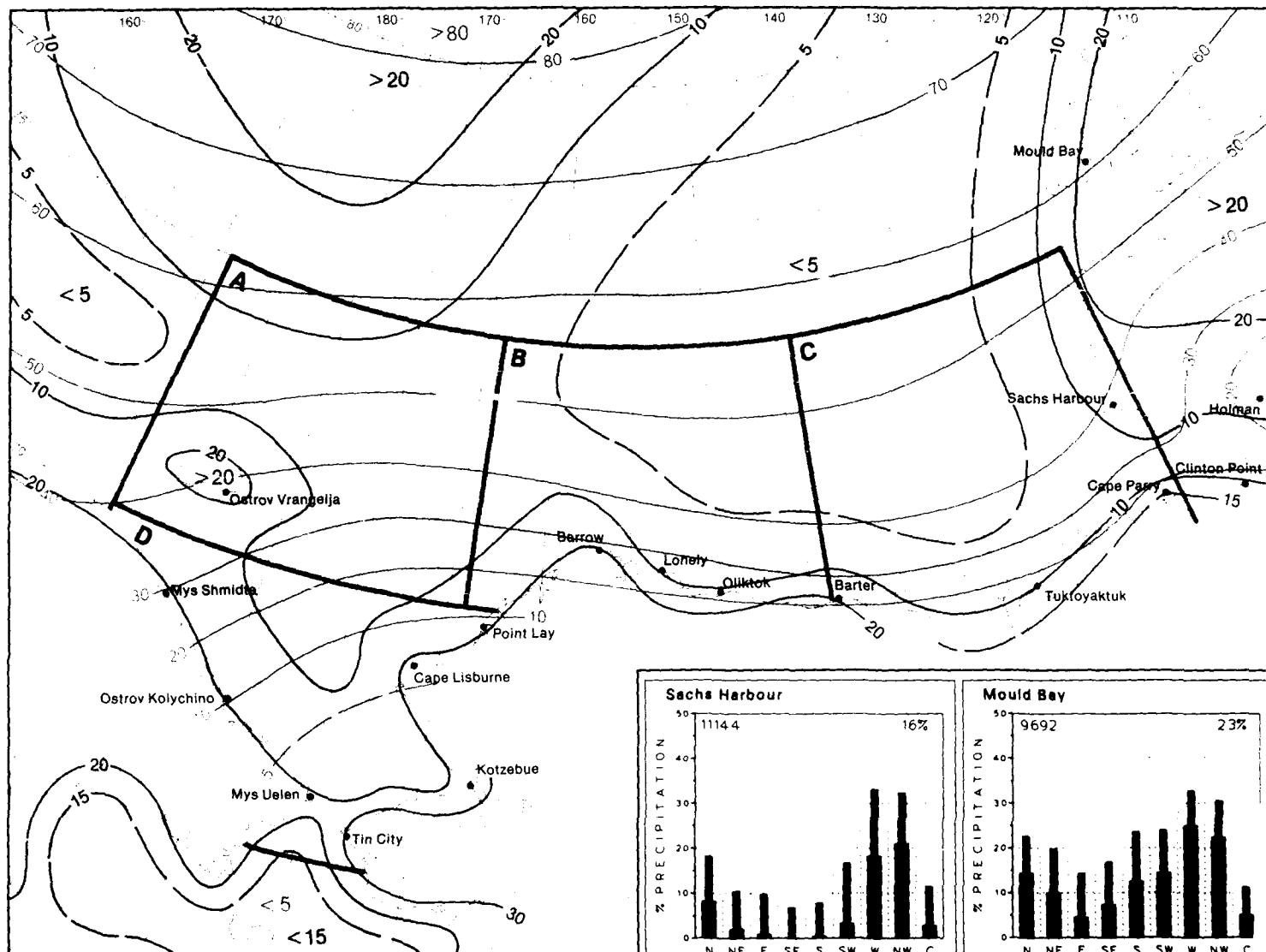
1 Precipitation

Ju



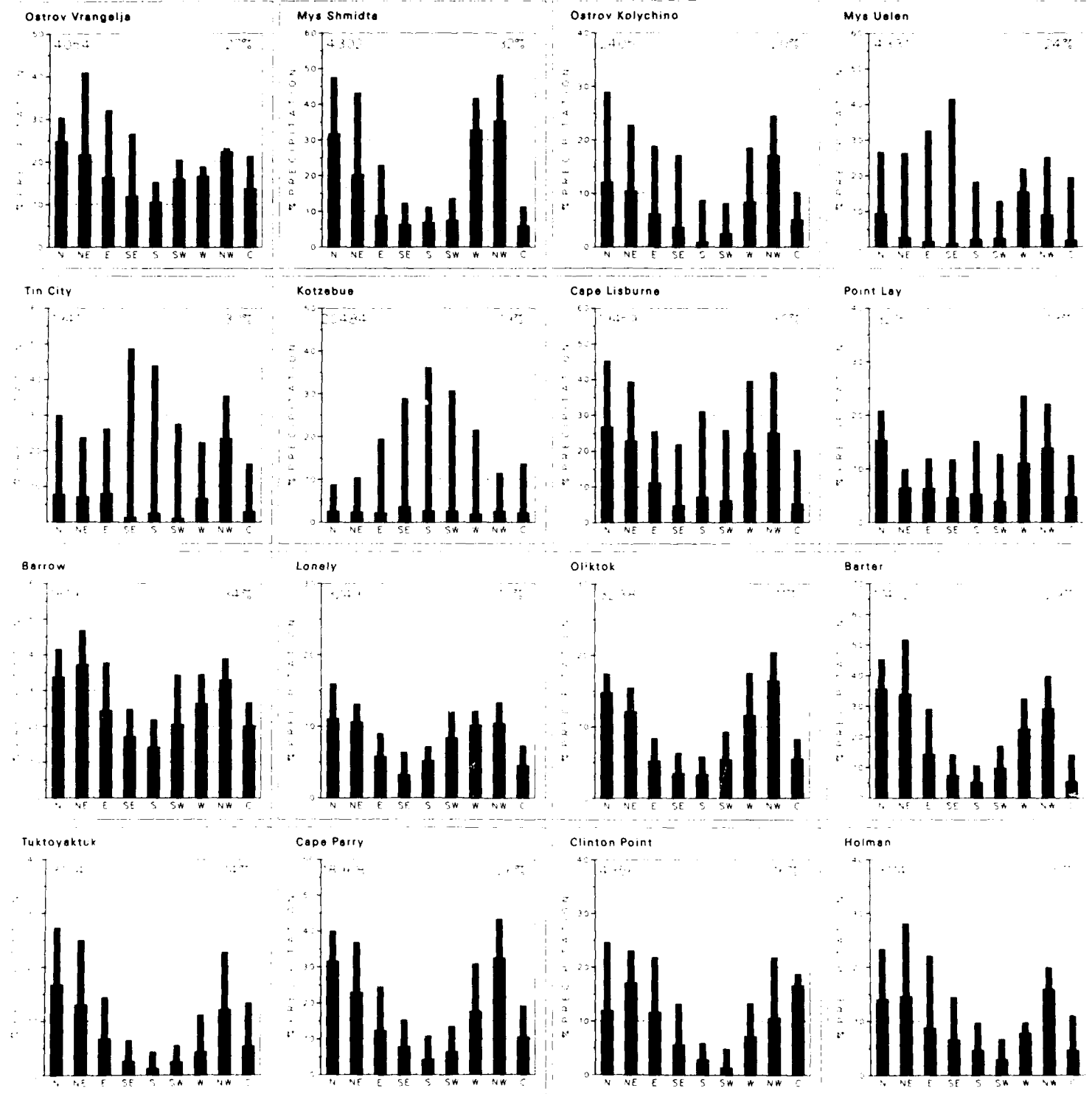
August

1 Precipitation and Wind Direction



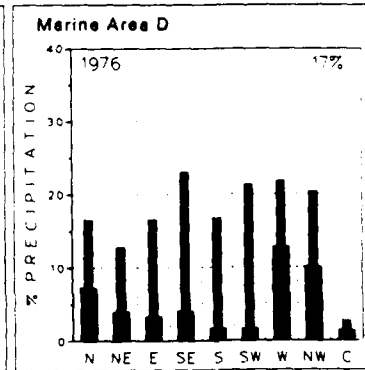
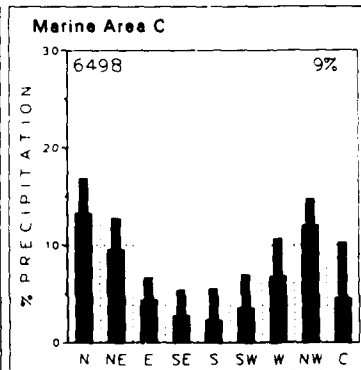
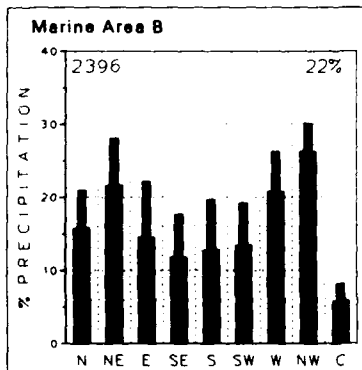
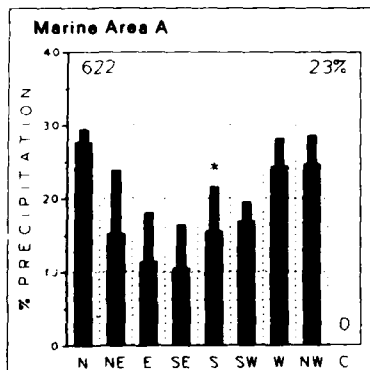
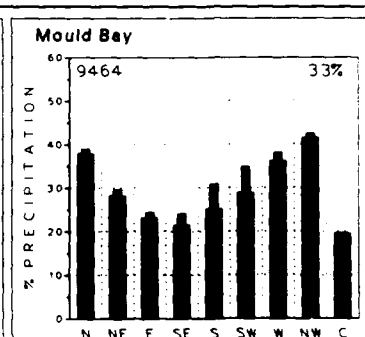
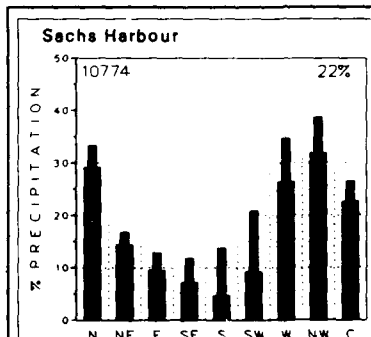
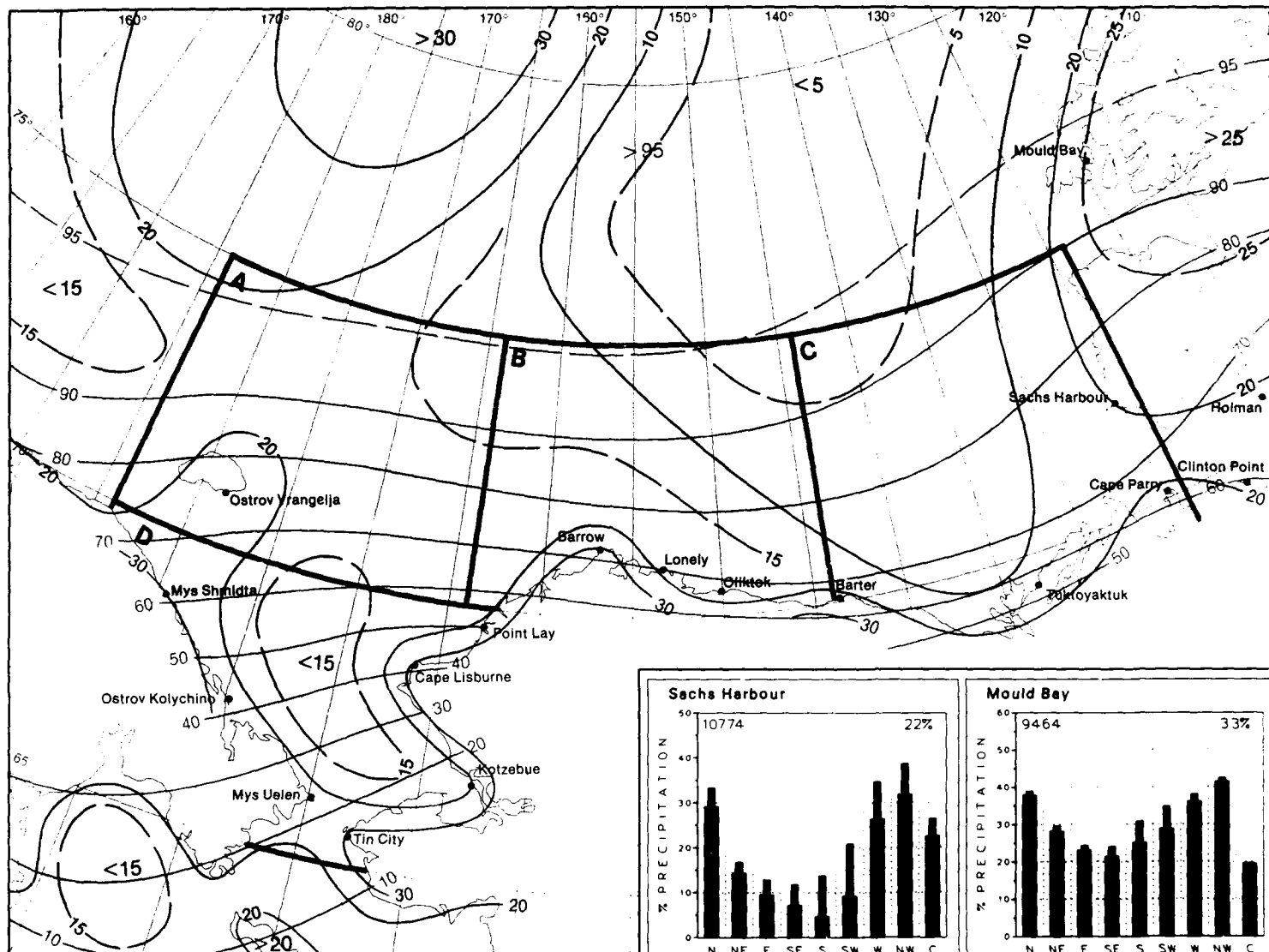
1 Precipitation

Aug



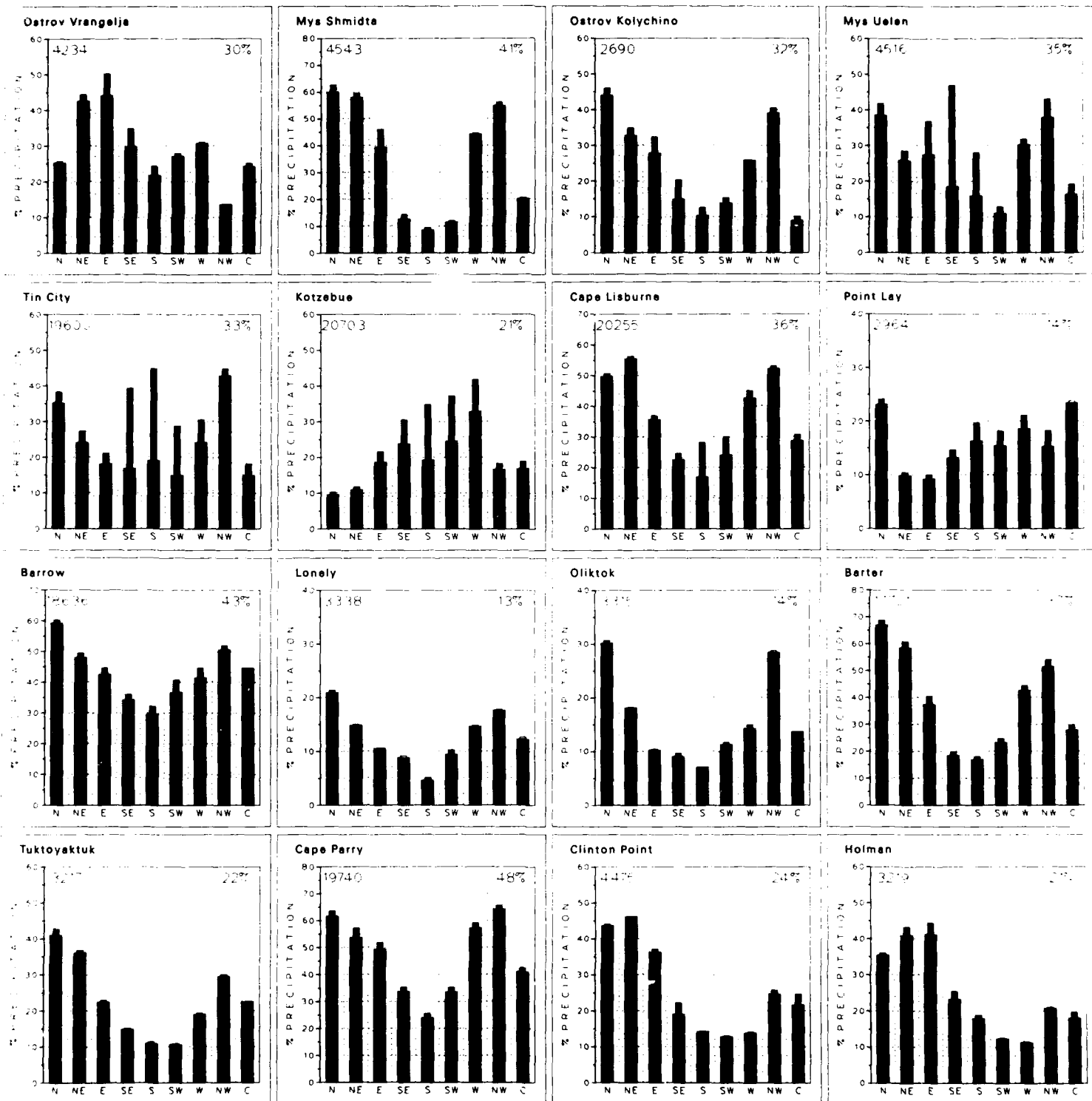
September

1 Precipitation and Wind Direction



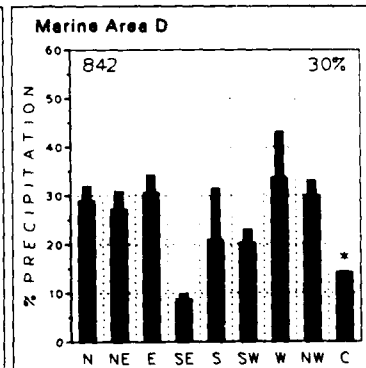
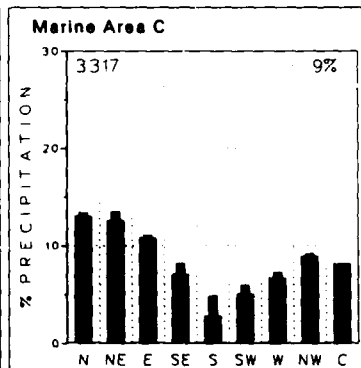
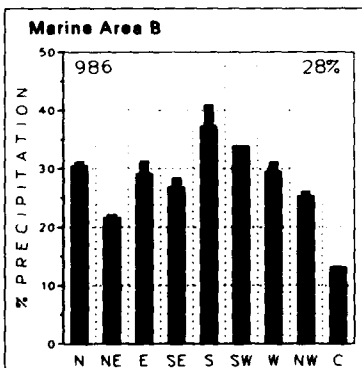
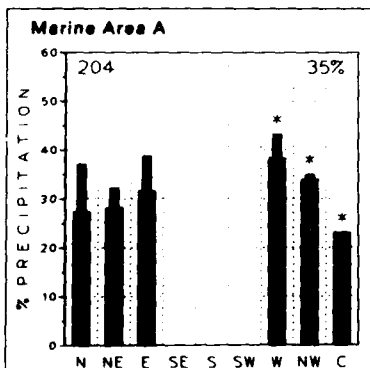
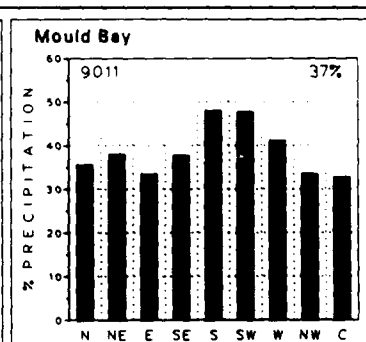
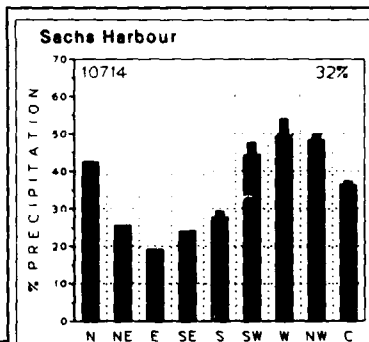
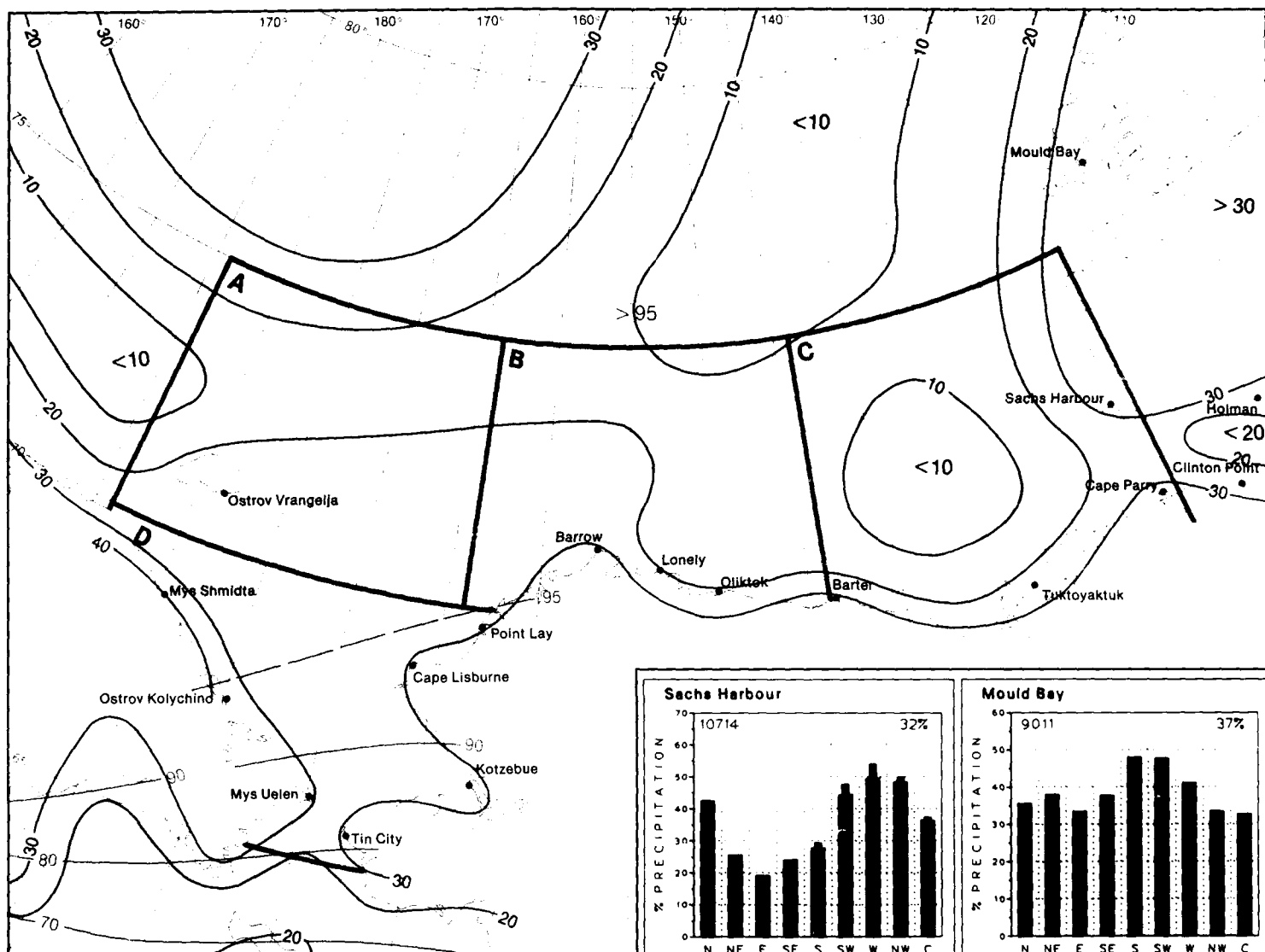
1 Precipitation

September



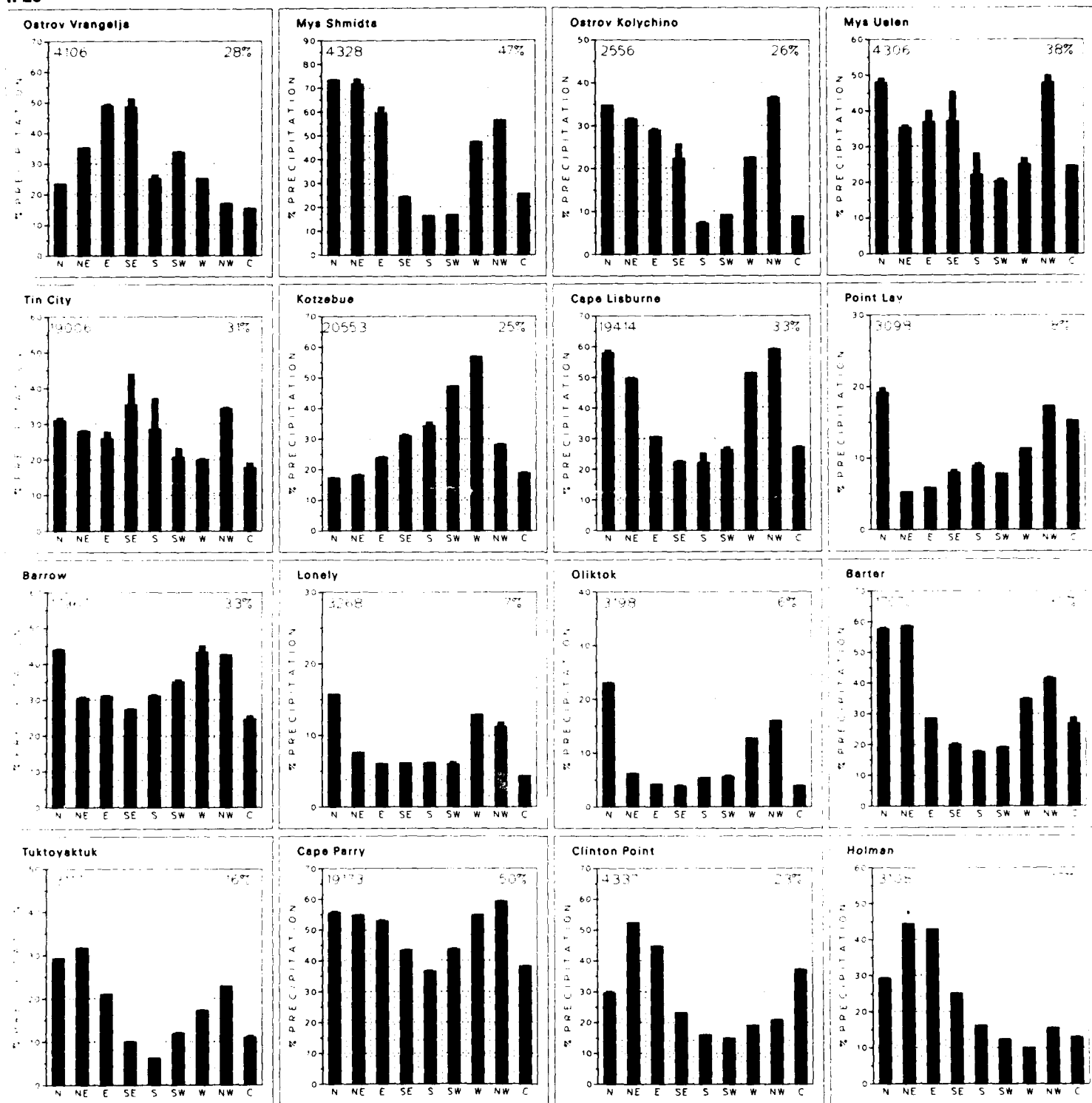
October

1 Precipitation and Wind Direction



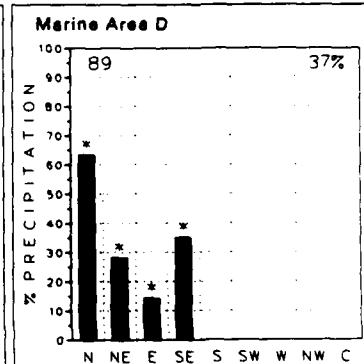
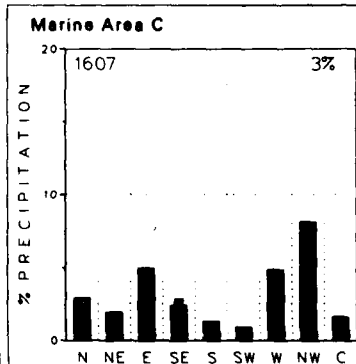
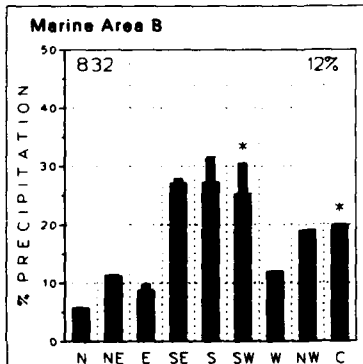
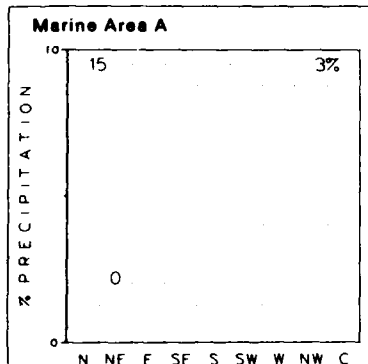
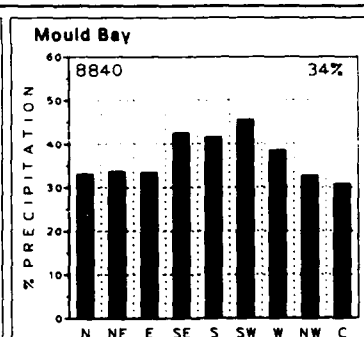
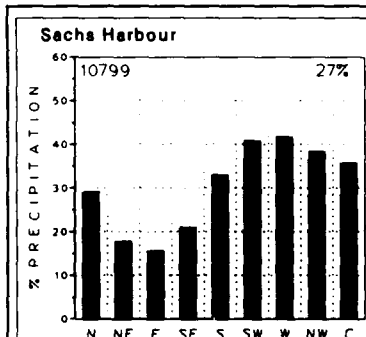
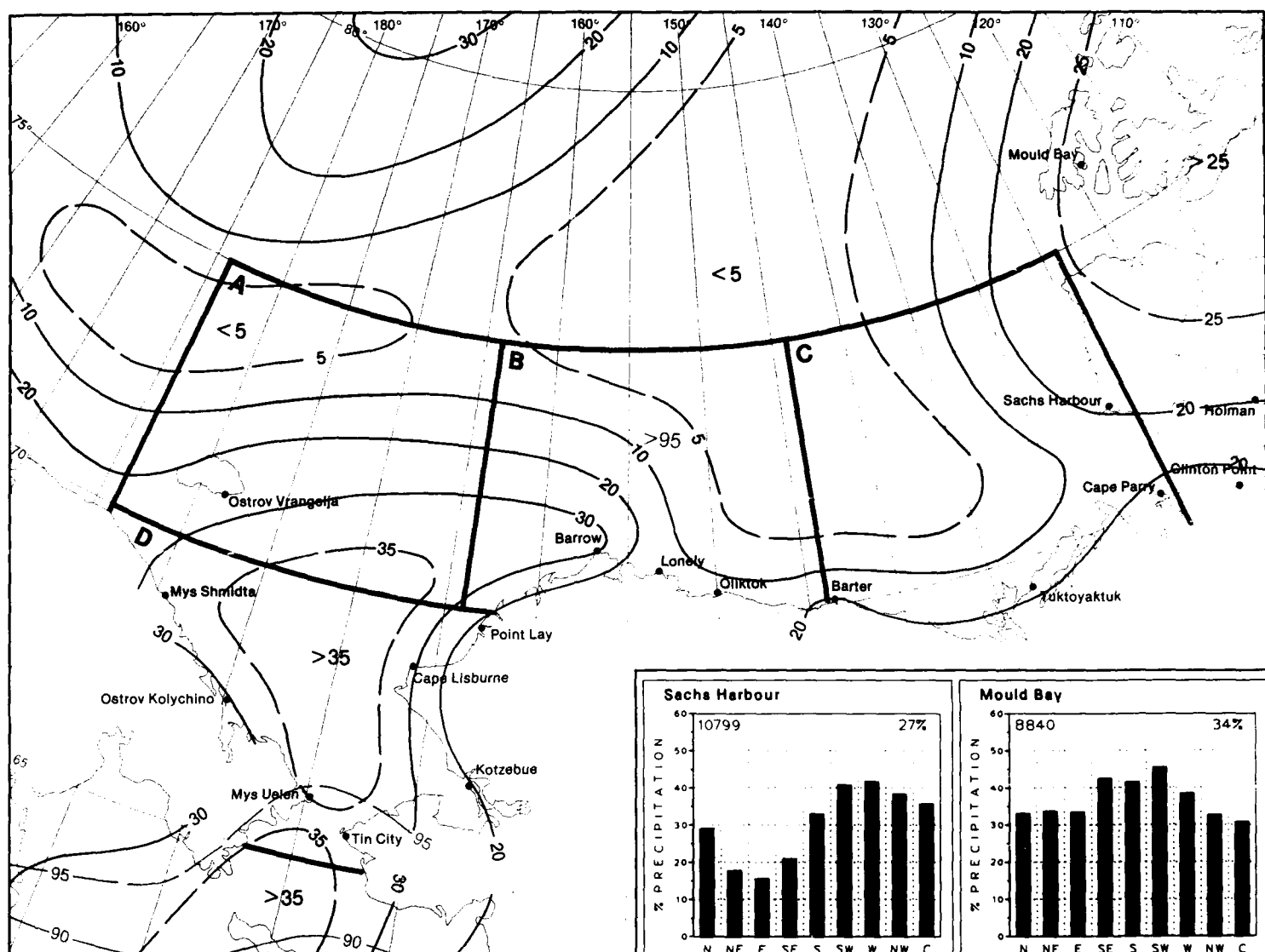
1 Precipitation

October



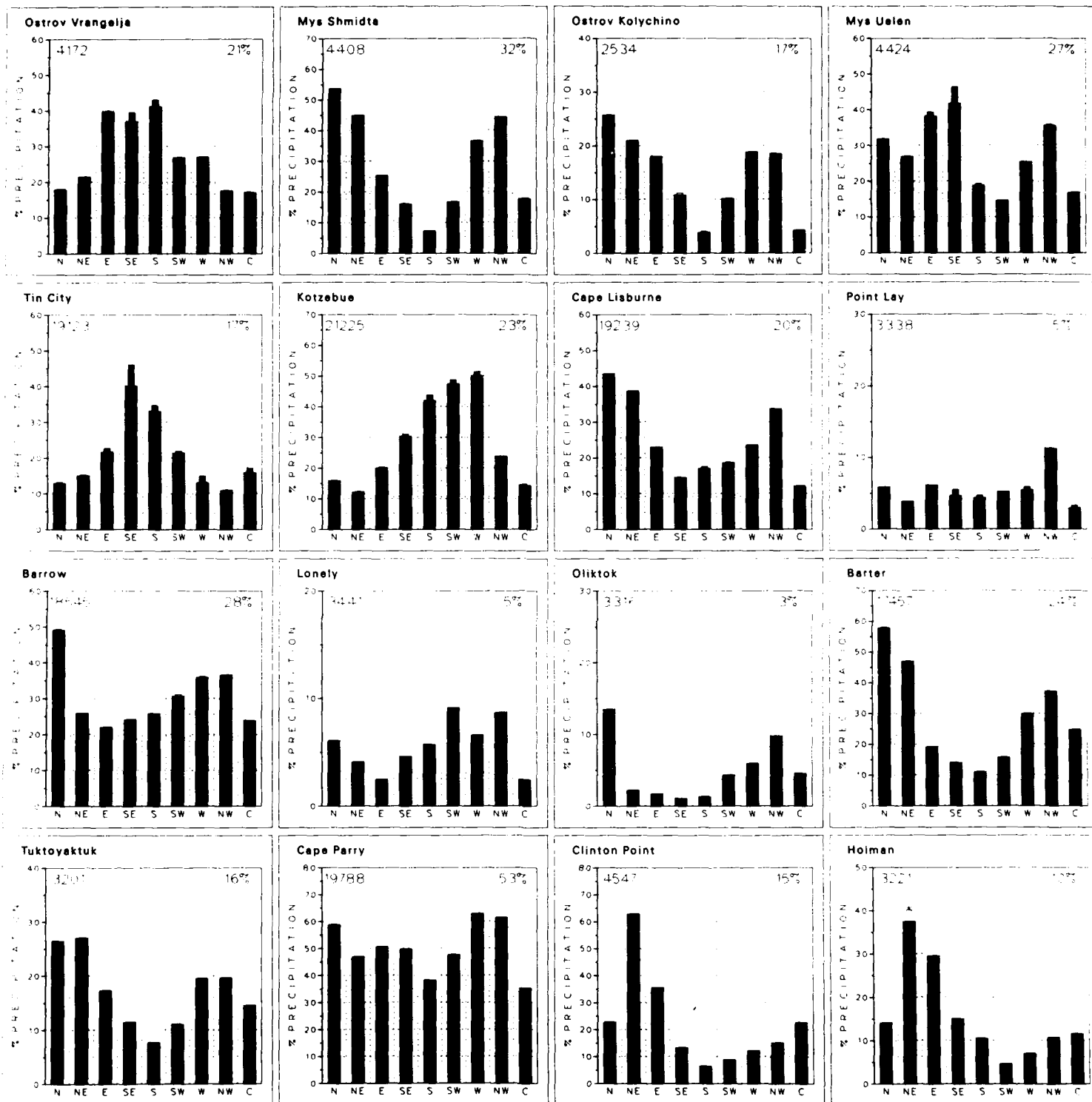
November

1 Precipitation and Wind Direction



1 Precipitation

November



December

1 Precipitation and Wind Direction



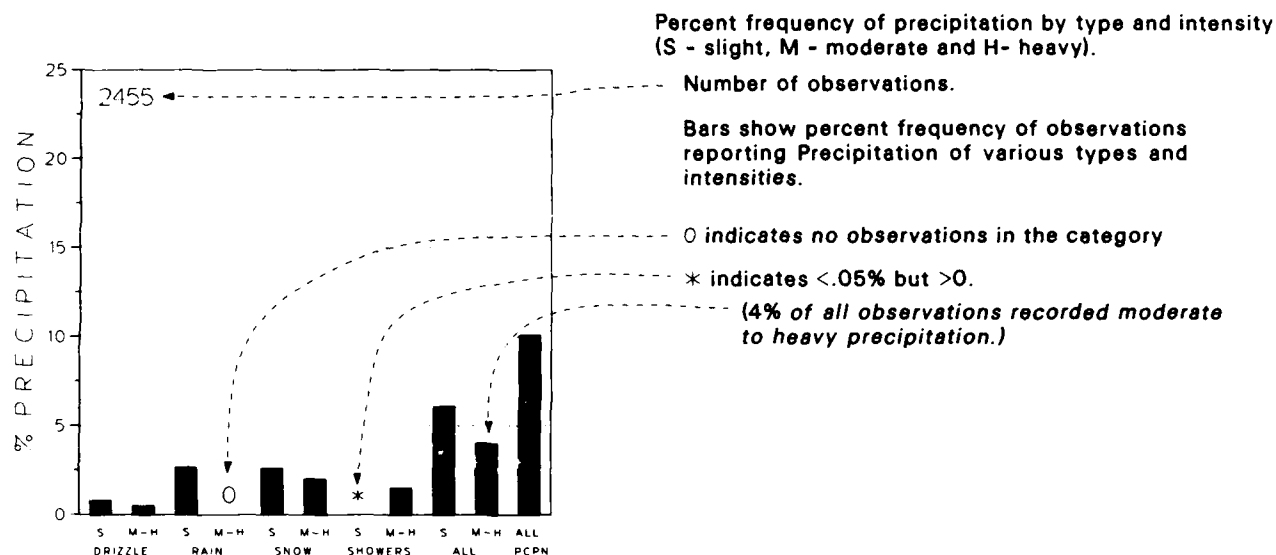
Map 2. Wind/visibility/cloudiness

BLACK LINE – Percent frequency of optimum conditions: Low cloud ceiling (LCC) ≥ 5000 feet, (or no LCC), visibility ≥ 5 nautical miles and wind 11–21 knots.

BLUE LINE – Percent frequency of poor conditions. Any one of the following constitutes poor conditions: LCC < 300 feet, visibility < 1 nautical mile or wind < 6 or ≥ 34 knots.

Albers Equal-Area Conic Projection

Graphs: Precipitation types



Present weather elements that can be reported in an observation are thunderstorms, lightning, waterspouts, squalls, fog, haze, smoke, dust, and all forms of precipitation. Most present weather codes (ww = 00-99, see table) apply to phenomena occurring at the time of observation, but a few refer to phenomena occurring in the past hour. The highest applicable numerical ww code figure is recorded (except that code 17 has preference over 20 to 49, inclusive). Precipitation includes all forms of water particles, whether liquid or solid, that fall to the earth's surface—rain, drizzle, snow, snow pellets, snow grains, ice crystals, ice pellets, and hail. Each form is classified by its character (continuous, intermittent, showery, or combination), intensity (slight, moderate, or heavy), and type (liquid, freezing, or frozen). In this study, frozen precipitation is defined as any precipitation that reaches the ground in frozen form; it does not include liquid that freezes upon impact with the ground or exposed objects. Refer to the text in Set 1 for additional information on precipitation.

PRESENT WEATHER (WMO Code, 1982)

The present weather (ww) code is arranged in priority order. Reading down the list, select the first applicable (most severe) weather condition that you observe and enter the code number for ww.

50-99 PRECIPITATION AT SHIP AT TIME OF OBSERVATION

95-99 THUNDERSTORM AT TIME OF OBSERVATION

- 99 Heavy thunderstorm with hail*
 98 Thunderstorm with duststorm or sandstorm
 97 Heavy thunderstorm with rain and/or snow, but no hail*
 96 Slight or moderate thunderstorm with hail*
 95 Slight or moderate thunderstorm with rain or snow, but no hail*

*Includes hail, ice pellets, or snow pellets

91-94 THUNDERSTORM DURING THE PAST HOUR BUT NOT AT THE TIME OF OBSERVATION

Note: Use code 29 if there is no precipitation at time of observation.

- | | | |
|----|--|-----------------------------|
| 94 | Moderate or heavy snow, or rain and snow mixed, or hail* | } Thunderstorm in past hour |
| 93 | Slight snow, or rain and snow mixed, or hail* | |
| 92 | Moderate or heavy rain | |
| 91 | Slight rain | |

*Includes hail, ice pellets, or snow pellets

85-90 SOLID PRECIPITATION 'N SHOWERS

- | | | |
|--------|--|----|
| Slight | Moderate or Heavy | |
| 89 | Shower or hail*, no thunder | 90 |
| 87 | Shower of snow pellets or ice pellets† | 88 |
| 85 | Shower of snow | 86 |

†With or without rain, or rain and snow mixed
 *Include hail, ice pellets, or snow pellets

80-84 RAIN SHOWERS

- 84 Shower of rain and snow mixed, moderate or heavy
 83 Shower of rain and snow mixed, slight
 82 Violent rain shower
 81 Moderate or heavy rain shower
 80 Slight rain shower

70-79 SOLID PRECIPITATION NOT FALLING AS SHOWERS

- 79 Ice pellets
 78 Isolated star-like snow crystals(with or without fog)
 77 Snow grains (with or without fog)
 76 Diamond dust (with or without fog)

Intermittent

- 74 Heavy snow in flakes
 72 Moderate snow in flakes
 70 Slight snow in flakes

Continuous

- 75
 73
 71

60-69 RAIN (NOT FALLING AS SHOWERS)

- | | | |
|--------|---------------------------|----|
| Slight | Moderate or Heavy | |
| 68 | Rain or drizzle with snow | 69 |
| 66 | Freezing rain | 67 |

Intermittent

- 64 Heavy rain
 62 Moderate rain
 60 Slight rain

Continuous

- 65
 63
 61

50-59 DRIZZLE

Slight

- 58 Drizzle and rain mixed
 56 Freezing drizzle

Moderate or heavy

- 59
 57

Intermittent

- 54 Heavy drizzle
 52 Moderate drizzle
 50 Slight drizzle

Continuous

- 55
 53
 51

00-49 NO PRECIPITATION AT SHIP AT TIME OF OBSERVATION

- 17 Thunder at time of observation, no precipitation at ship

40-49 FOG AT TIME OF OBSERVATION

(Visibility in fog is less than 1/2 nautical mile)

Sky

visible

- 48 Fog, depositing rime
 46 Fog, has begun or thickened in past hour
 44 Fog, no change in past hour
 42 Fog, has become thinner in past hour
 41 Fog in patches
 40 Fog at a distance but not at ship in past hour

Sky

invisible

- 49
 47
 45
 43

30-39 (Not likely to be used in ship reports)

Slight or moderate

- 38 Blowing snow, high (above eye level)
 36 Drifting snow, low (below eye level)

Heavy

- 39
 37

- 32 Duststorm or sandstorm, increasing
 31 Duststorm or sandstorm, unchanging
 30 Duststorm or sandstorm, decreasing

- 35
 34
 33

20-29 PHENOMENA IN PAST HOUR BUT NOT AT TIME OF OBSERVATION

- 29 Thunderstorm, with or without precipitation
 28 Fog (in past hour but not at time of obs.)
 27 Shower(s) of hail*, or of hail*, and rain mixed
 26 Shower(s) of snow, or of rain and snow mixed
 25 Shower(s) of rain
 24 Freezing drizzle or freezing rain
 23 Rain and snow mixed, or ice pellets
 22 Snow
 21 Rain (not freezing)
 20 Drizzle (not freezing) or snow grains

} Not falling at shower:

*Includes hail, ice pellets or snow pellets

18-19 SQUALLS, FUNNEL CLOUDS

- 19 Funnel cloud(s) seen in past hour or at time of obs
 18 Squalls (no precip.) in past hour or at time of obs

13-16 PHENOMENA WITHIN SIGHT BUT NOT AT SHIP

- 16 Precip. within 3 naut. mi.—reaching surface
 15 Precip. beyond 3 naut. mi.—reaching surface
 14 Precipitation in sight, not reaching surface
 13 Lightning visible, no thunder heard

10-12 MIST AND SHALLOW FOG

- 12 Shallow fog—more or less continuous
 11 Shallow fog in patches
 10 Mist (Visibility 1/2 nautical mile or more)

} Fog not deeper than 10 feet

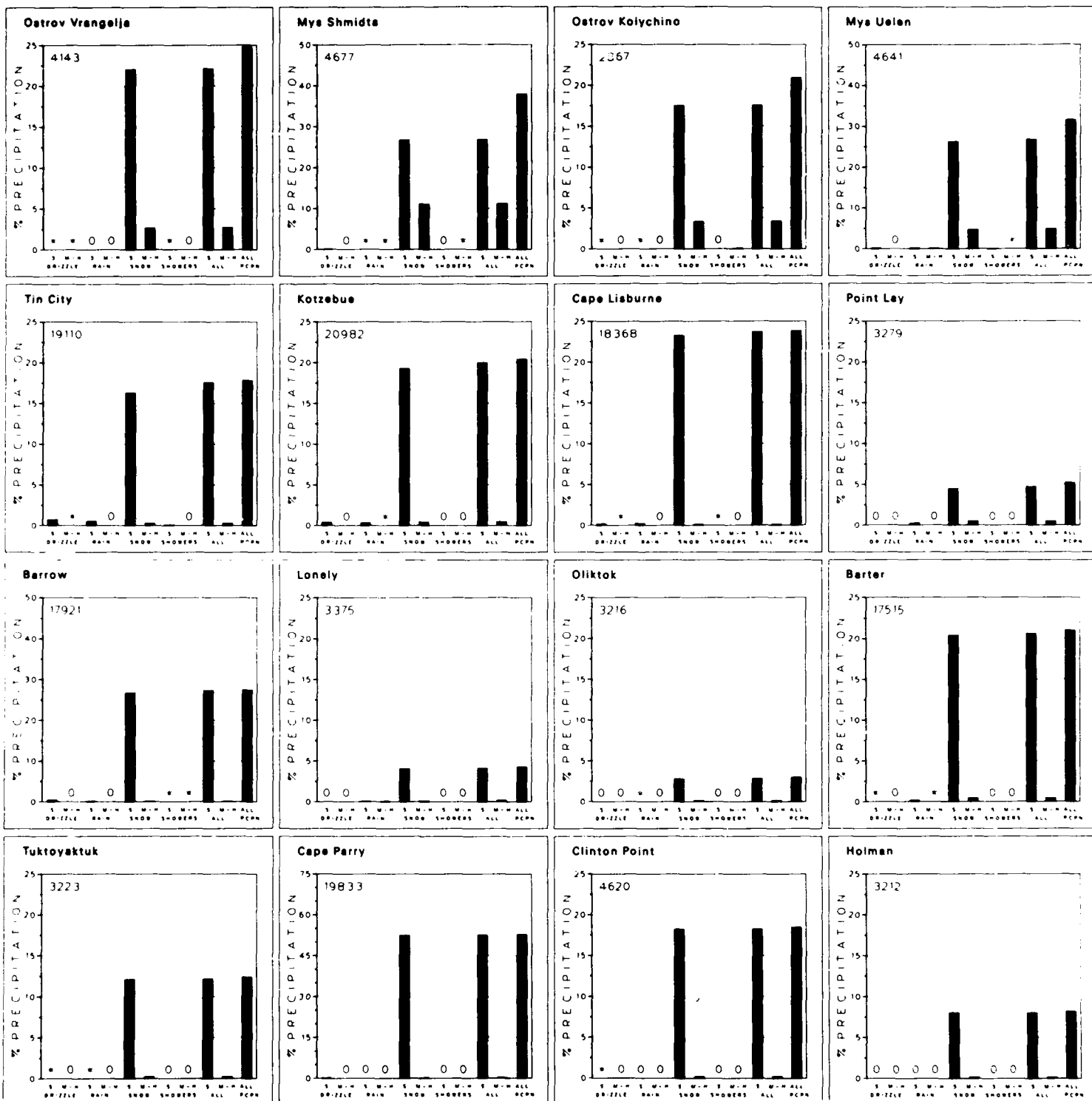
04-09 HAZE, DUST, SAND, OR SMOKE

- 09 Duststorm or sandstorm within sight
 08 Dust whirls in past hour (NOT FOR MARINE USE)
 07 Blowing spray at ship
 06 Widespread dust suspended in the air
 05 Dry haze
 04 Visibility reduced by smoke

00-03 CHANGE OF SKY DURING PAST HOUR

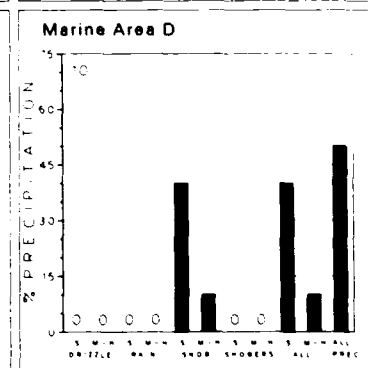
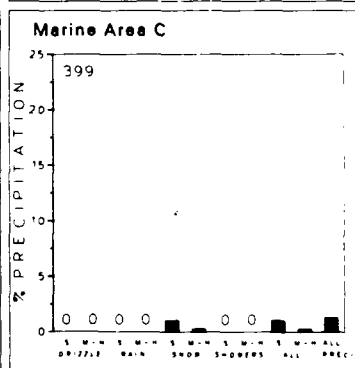
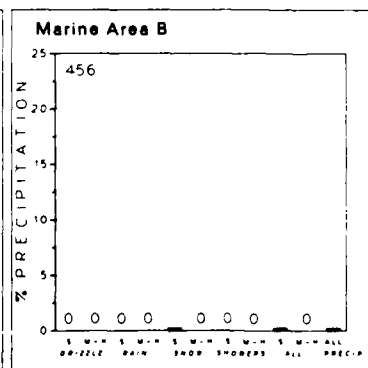
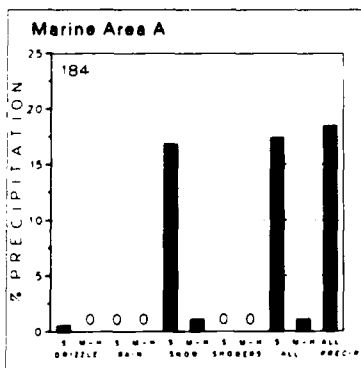
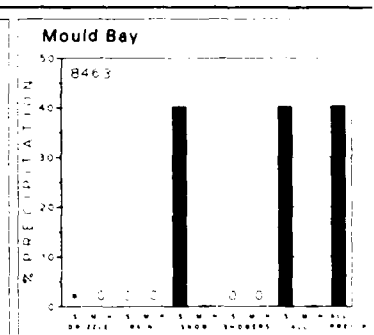
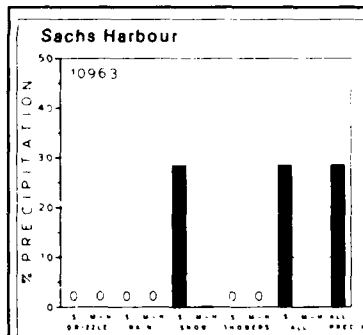
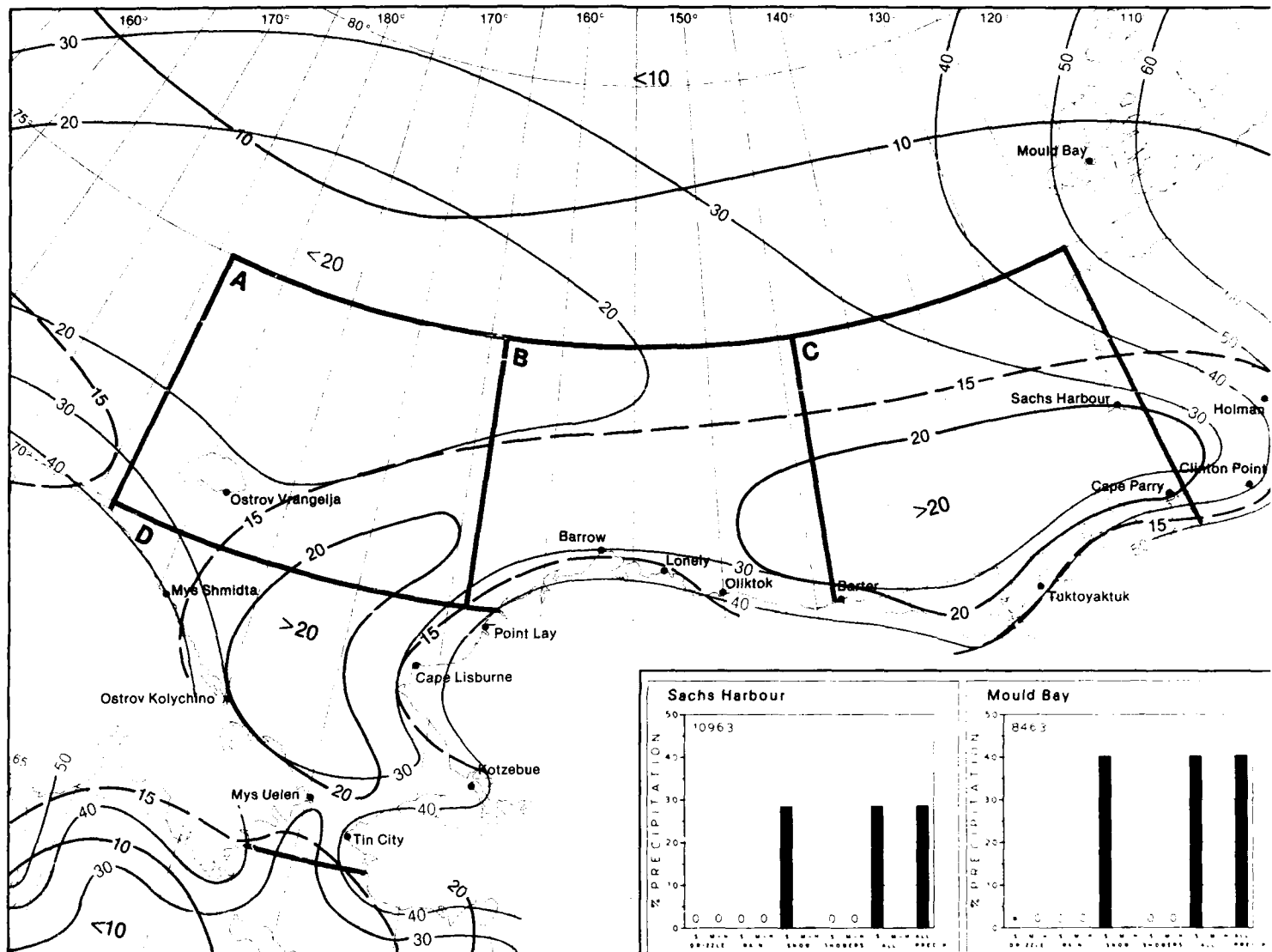
Code figs.

- 03 Clouds generally forming or developing
 02 State of the sky on the whole unchanged
 01 Clouds dissolving or becoming less developed
 00 Cloud development not observable



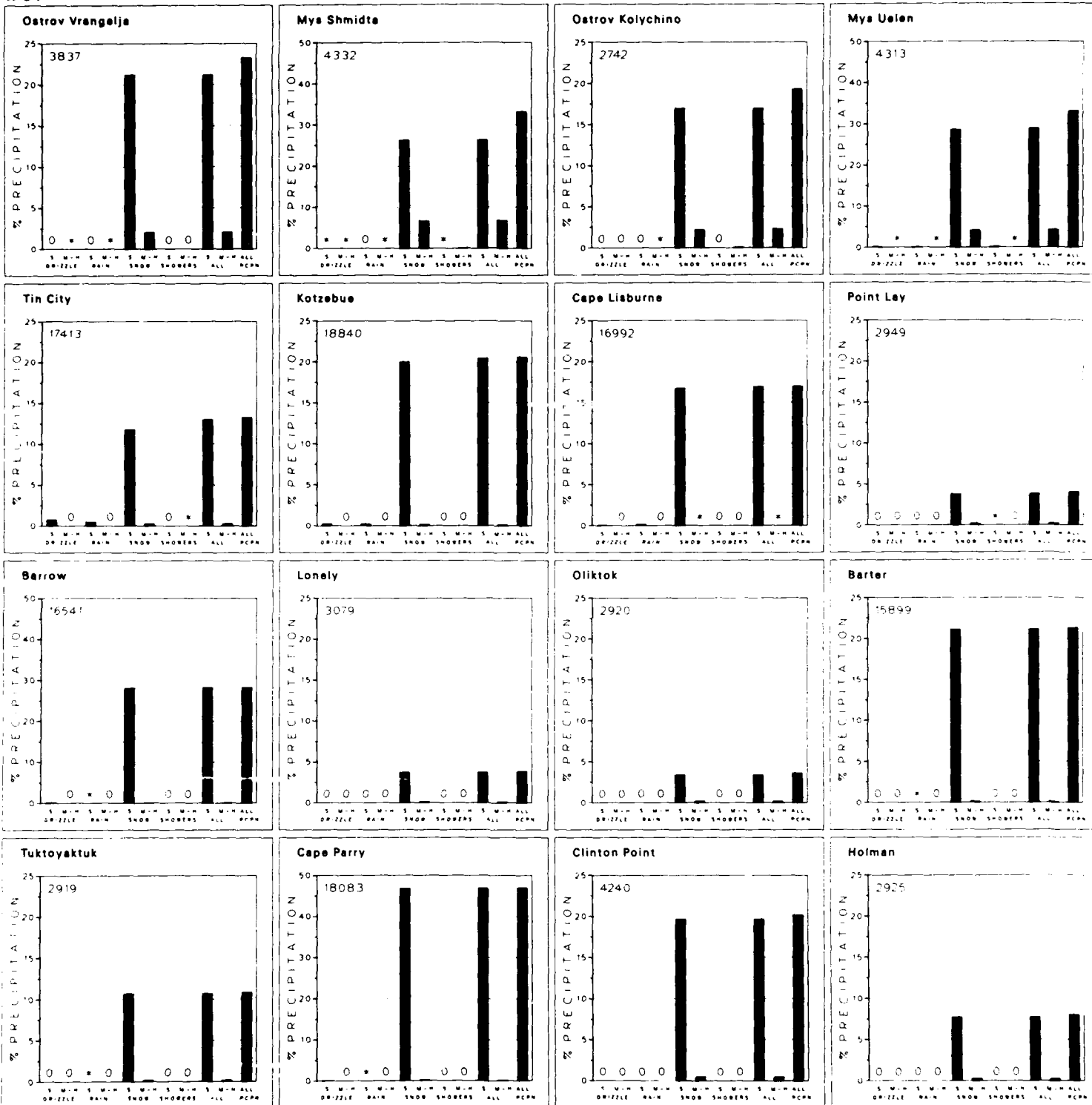
January

2 Precipitation Types



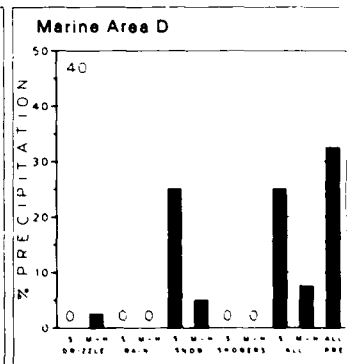
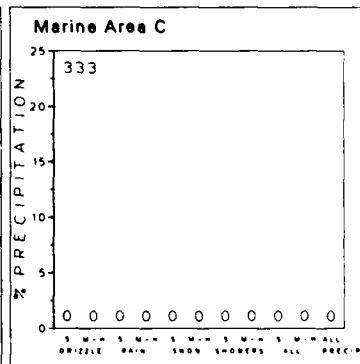
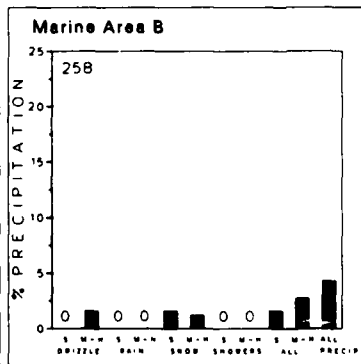
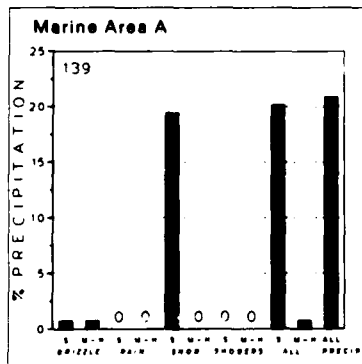
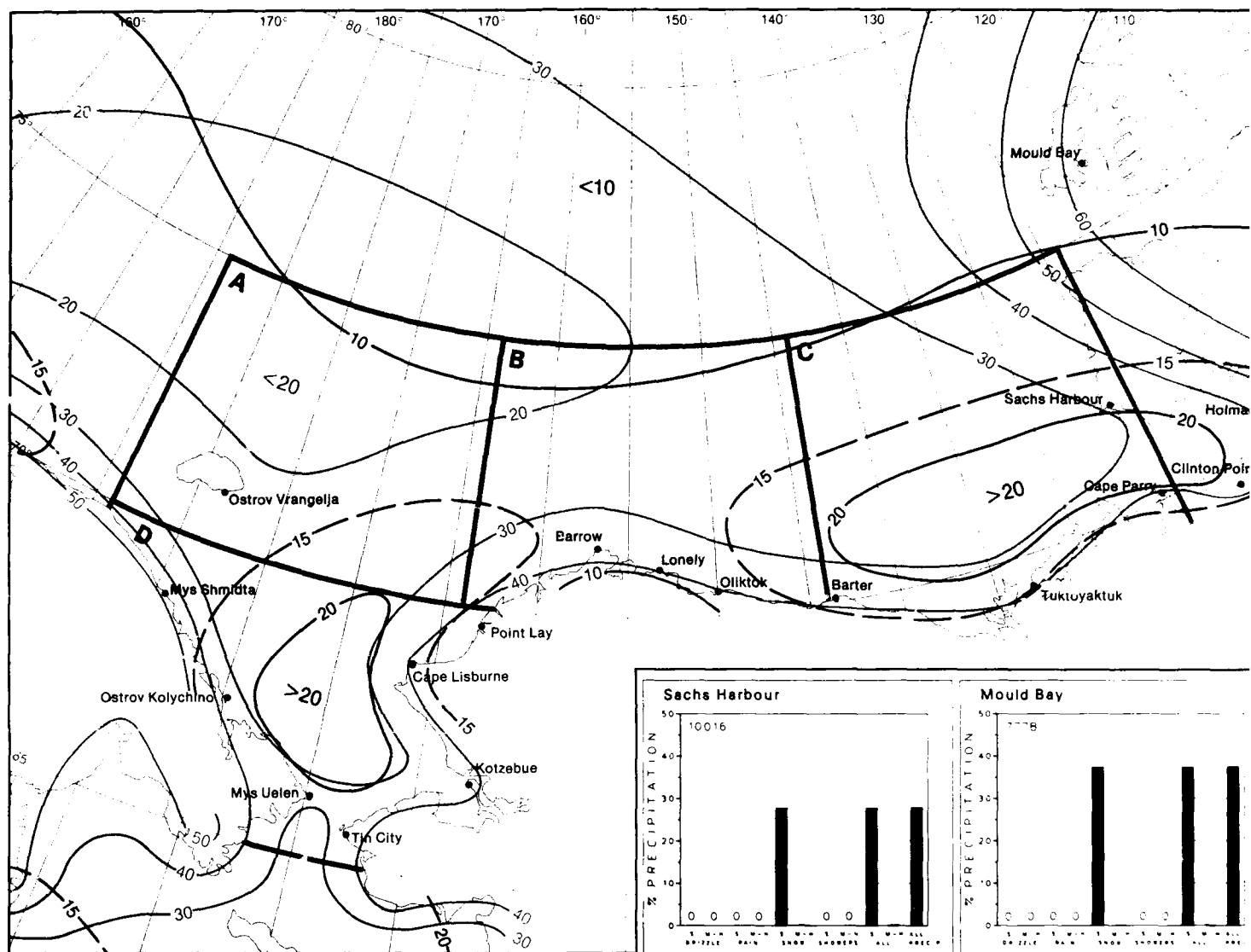
2 Wind-Visibility-Cloudiness

Janua



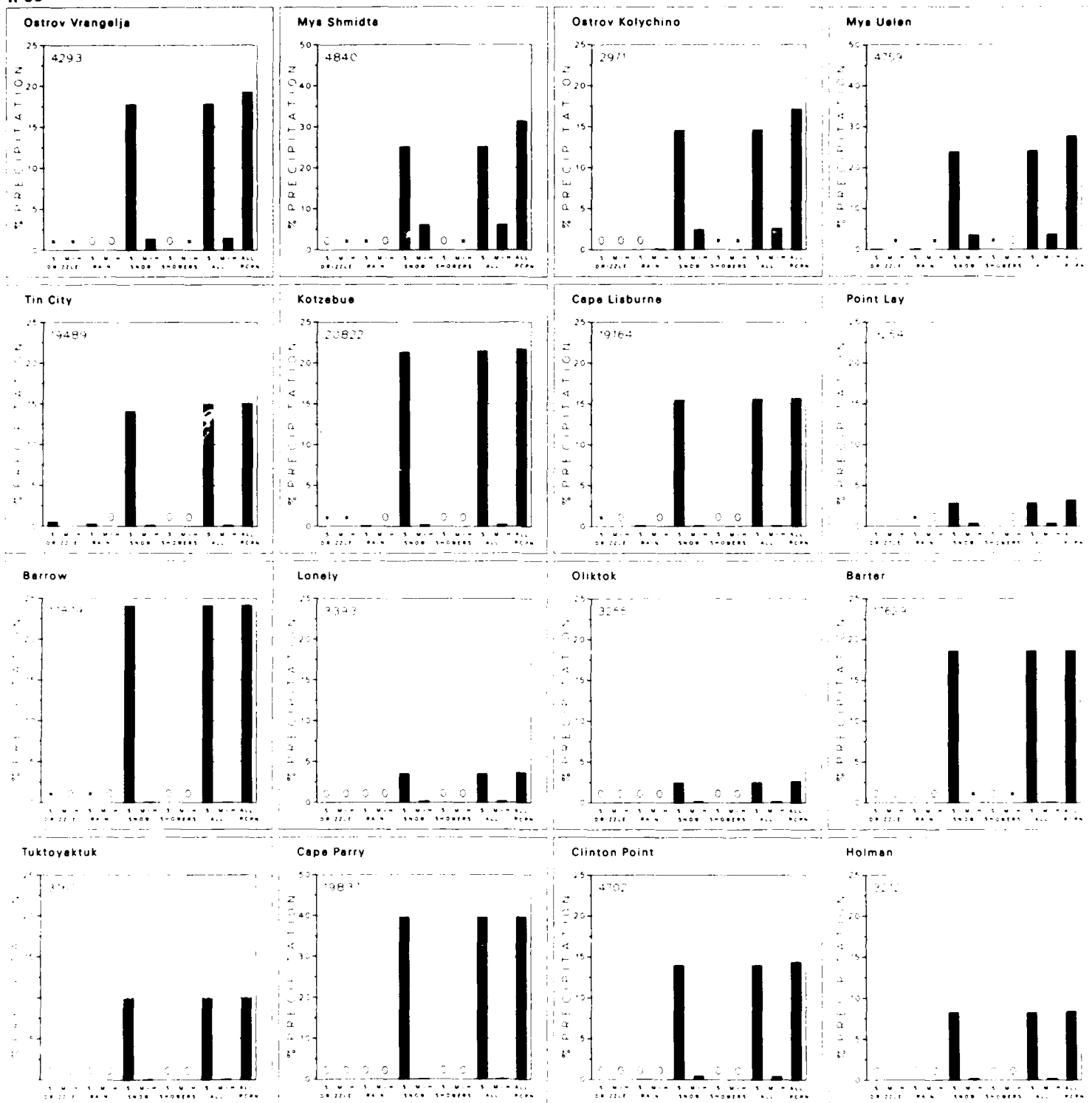
February

2 Precipitation Type



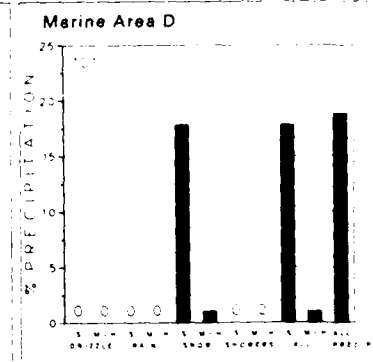
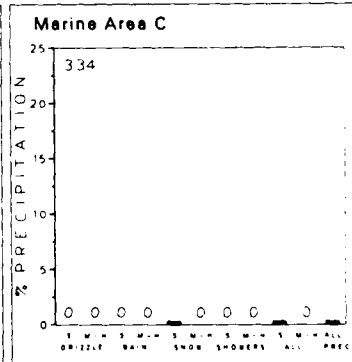
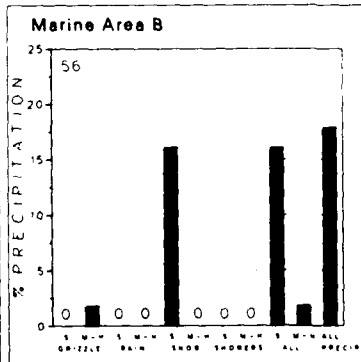
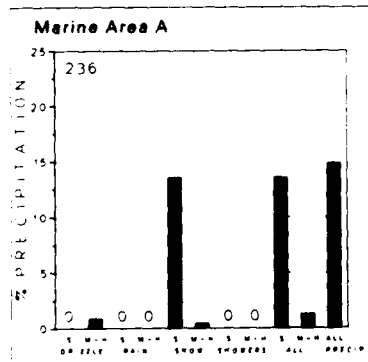
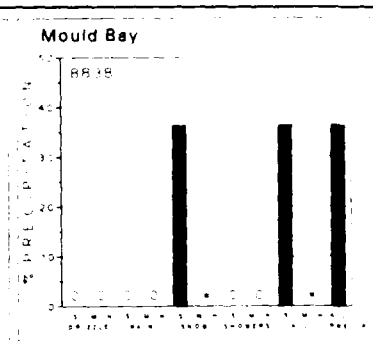
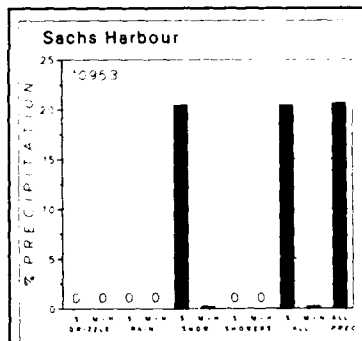
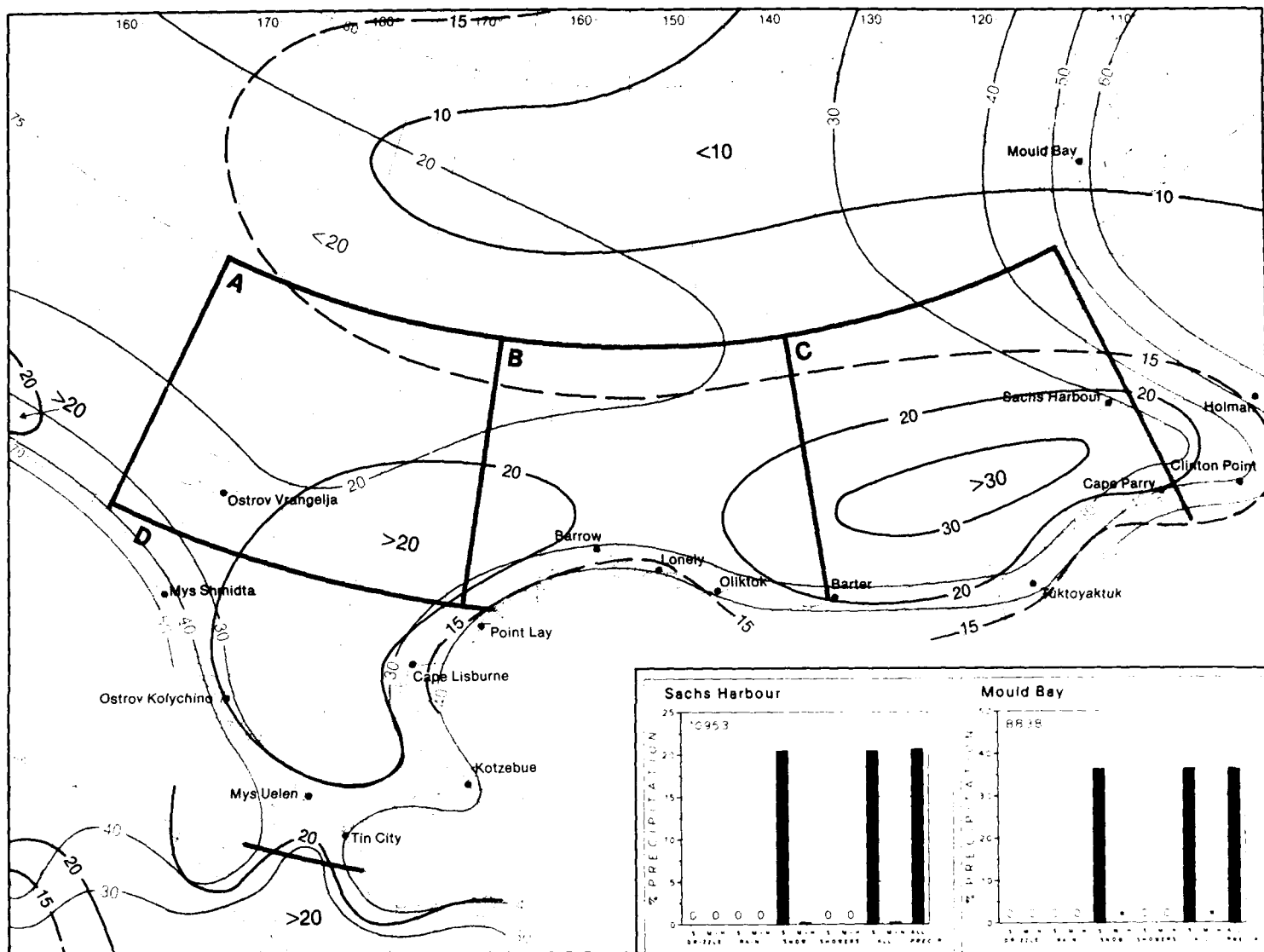
2 Wind-Visibility-Cloudiness

Feb 2014



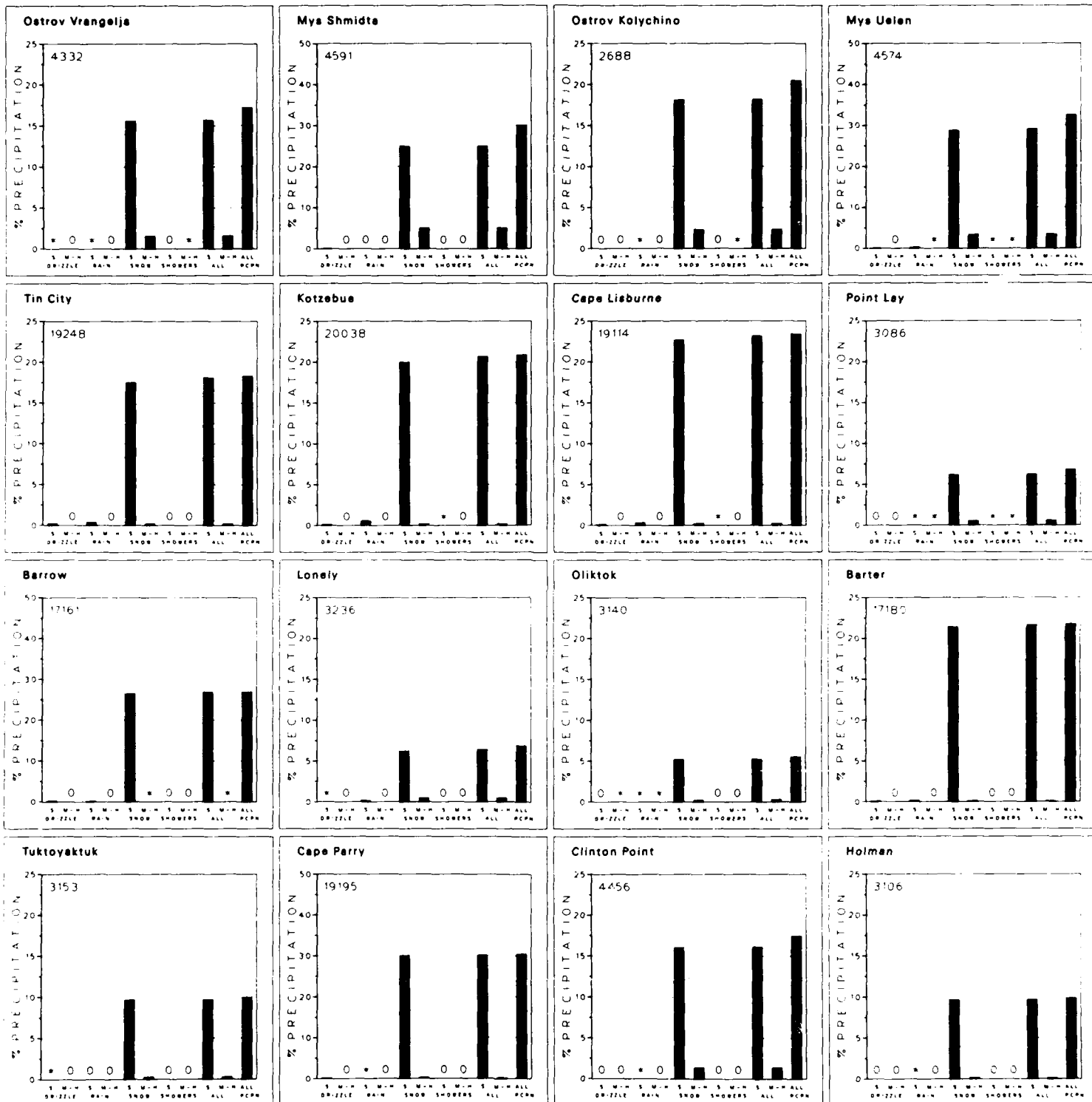
March

2 Precipitation Types



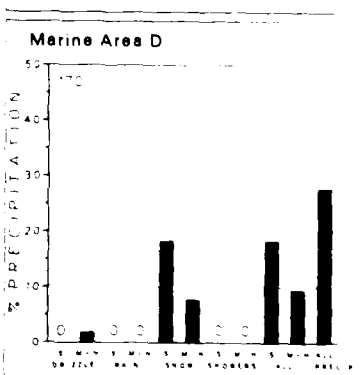
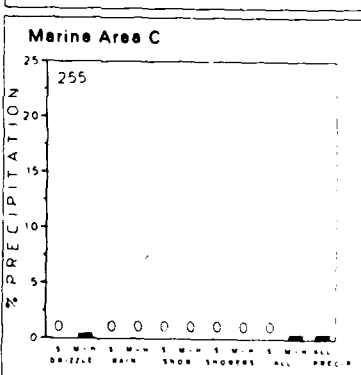
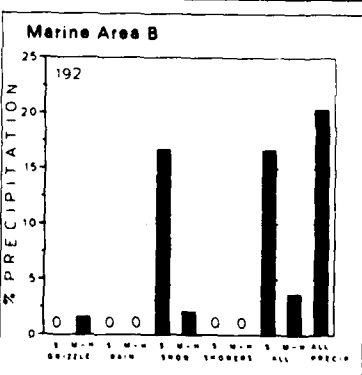
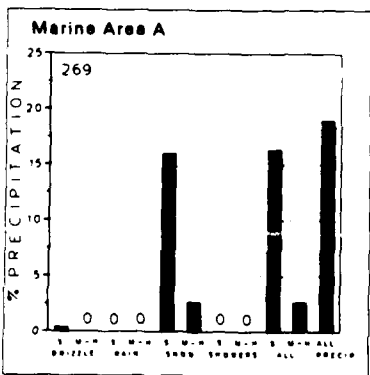
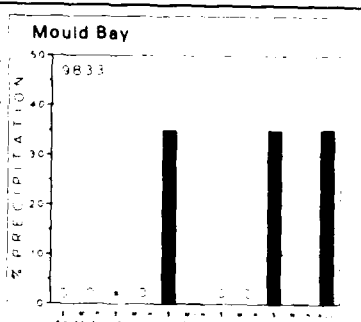
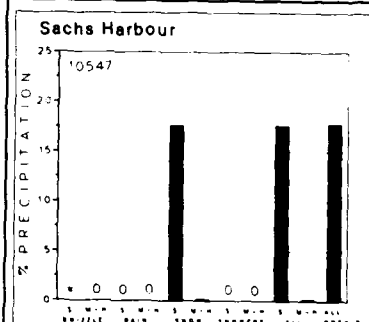
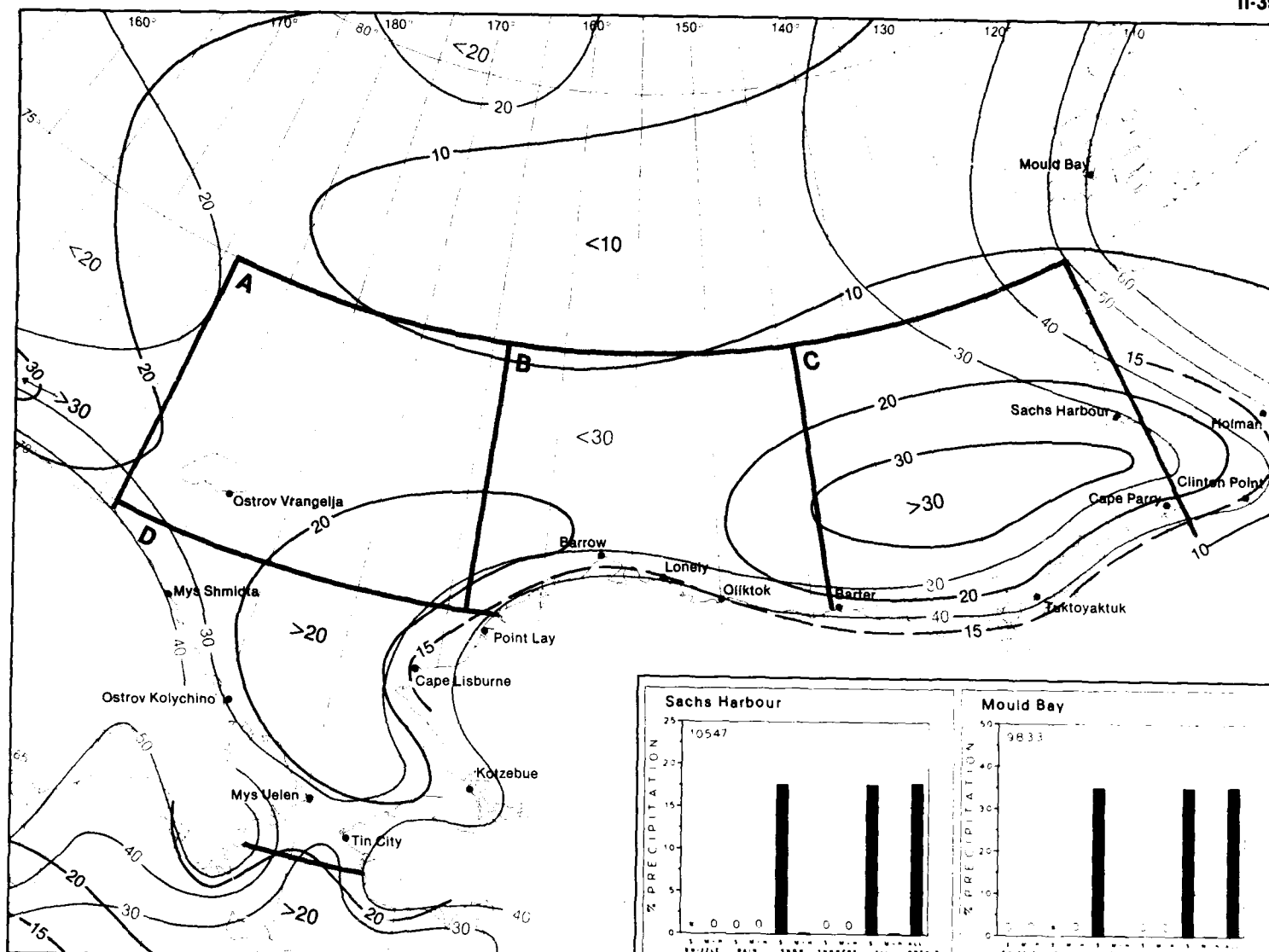
2 Wind-Visibility-Cloudiness

March



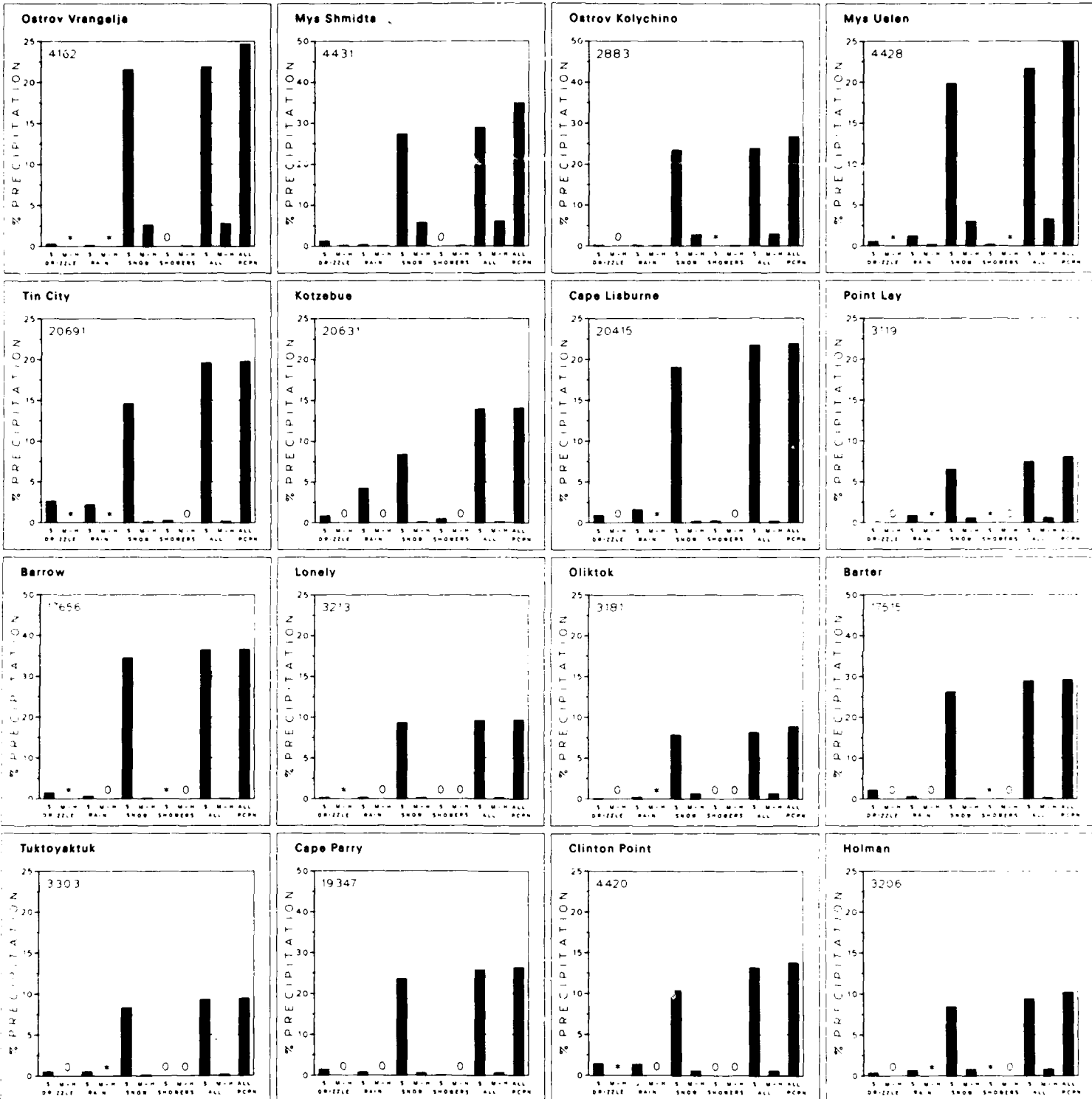
April

2 Precipitation Types



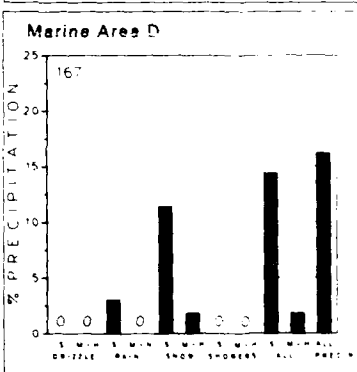
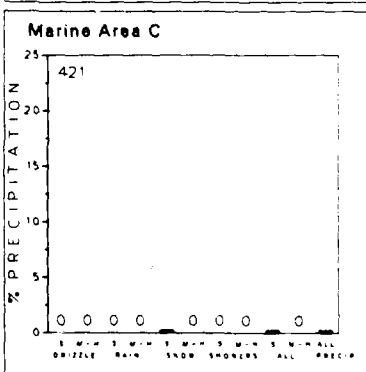
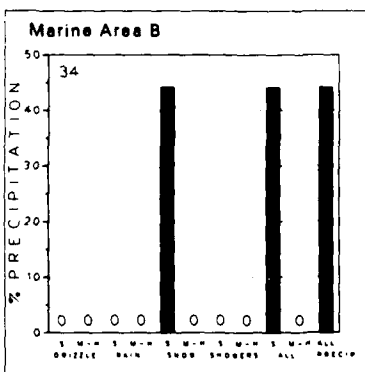
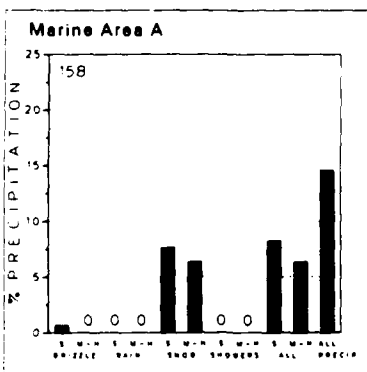
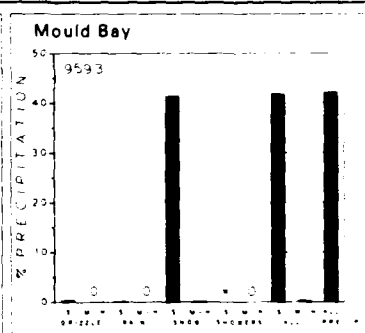
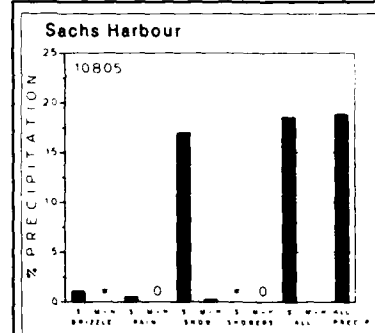
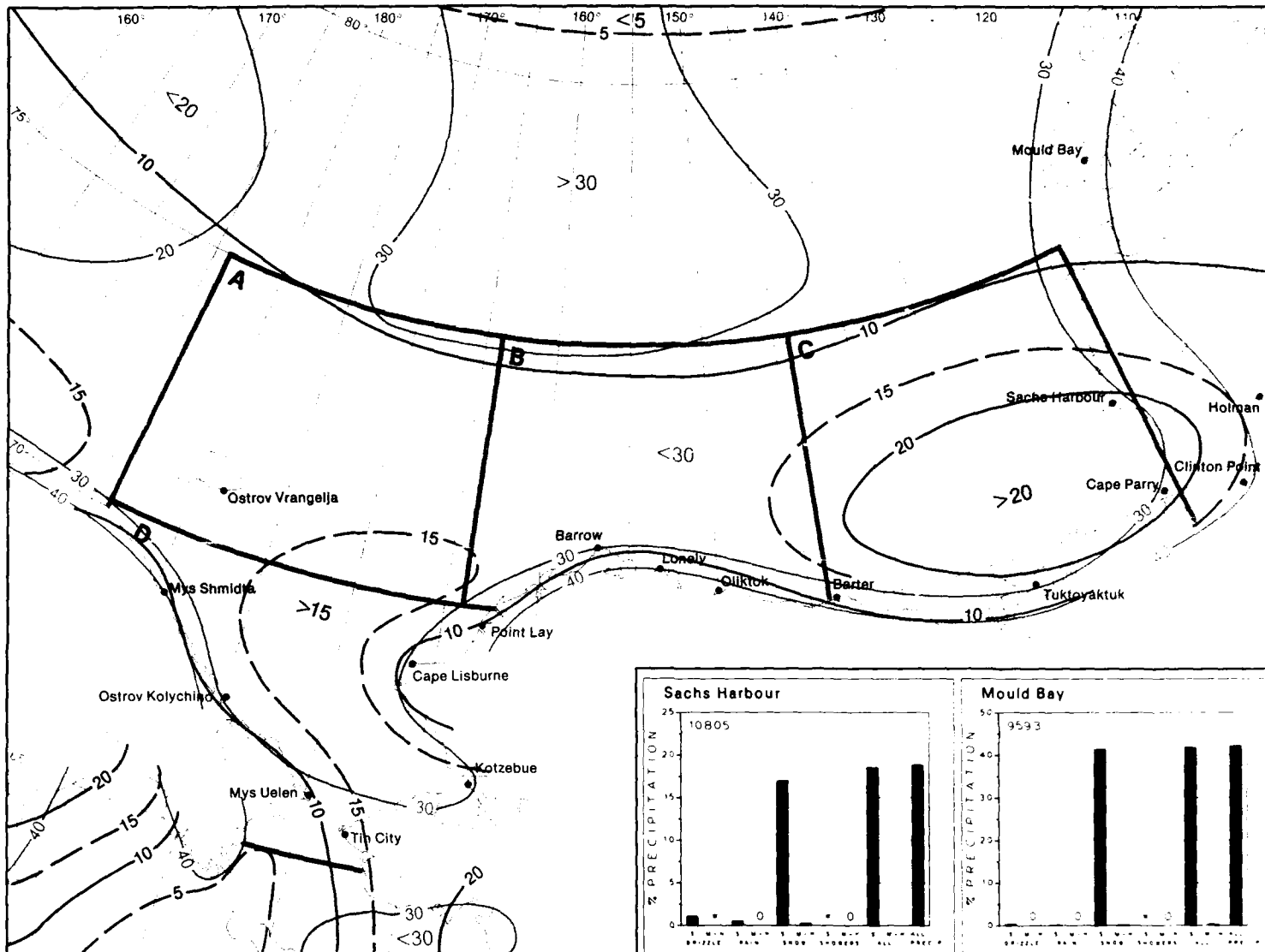
2 Wind-Visibility-Cloudiness

April



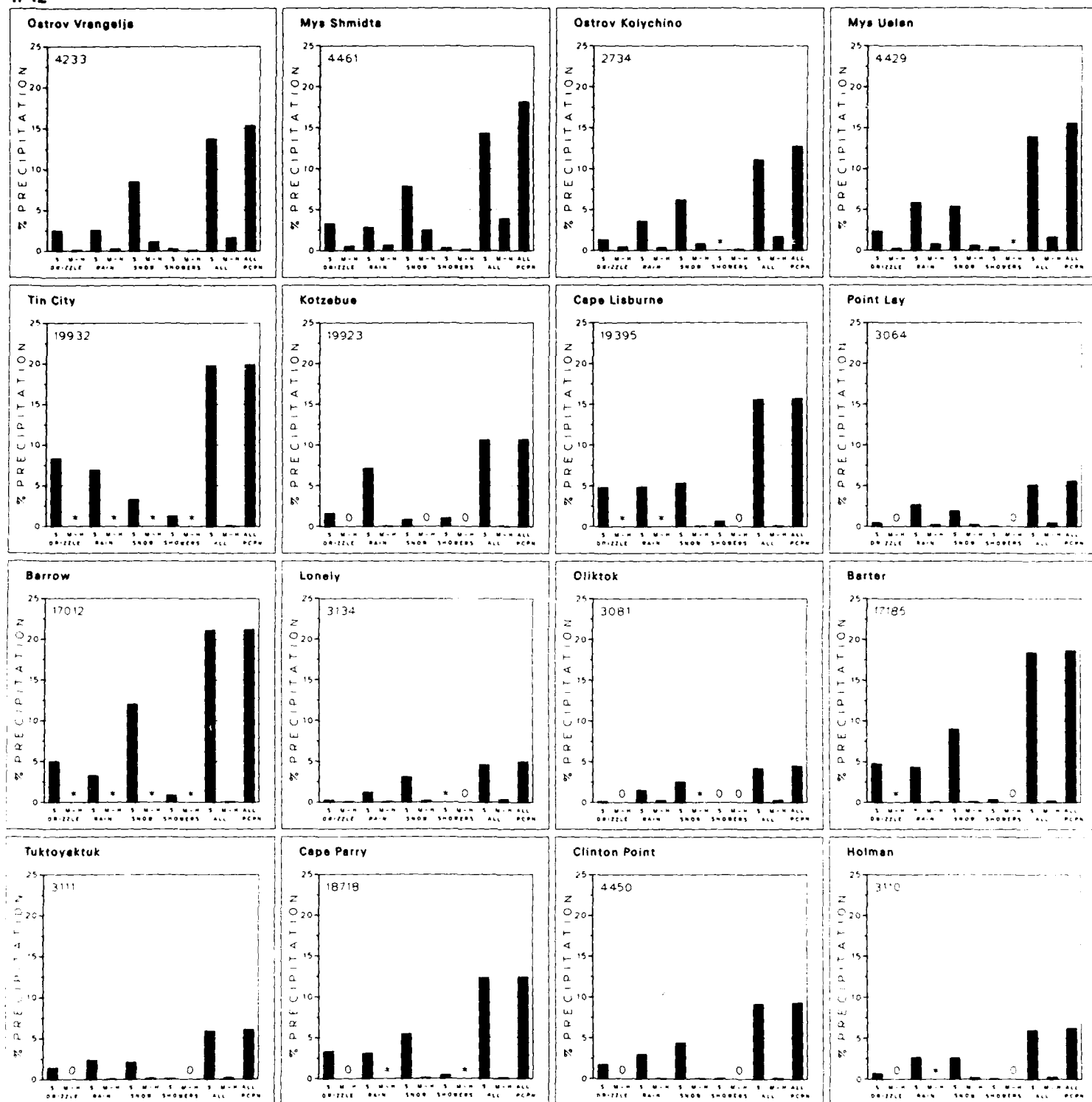
May

2 Precipitation Types



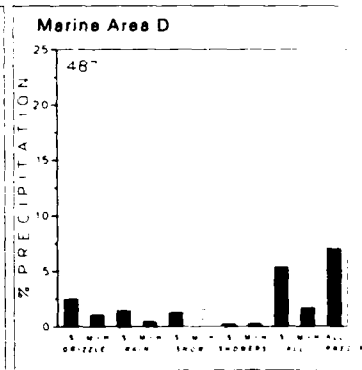
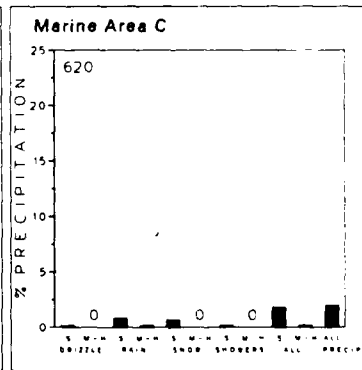
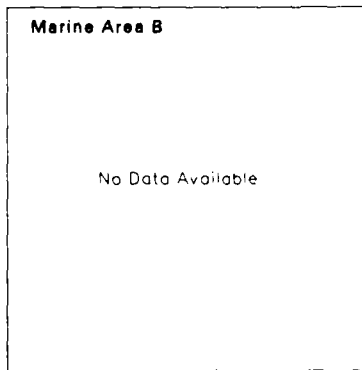
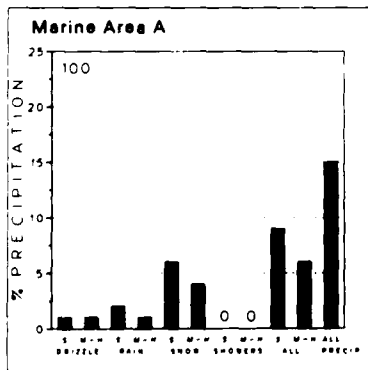
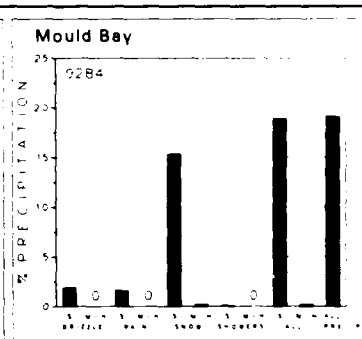
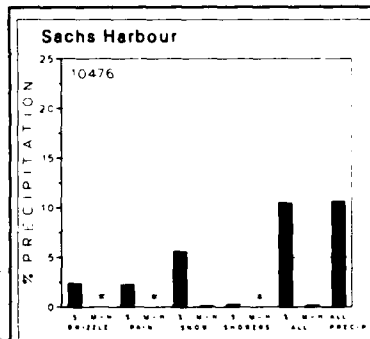
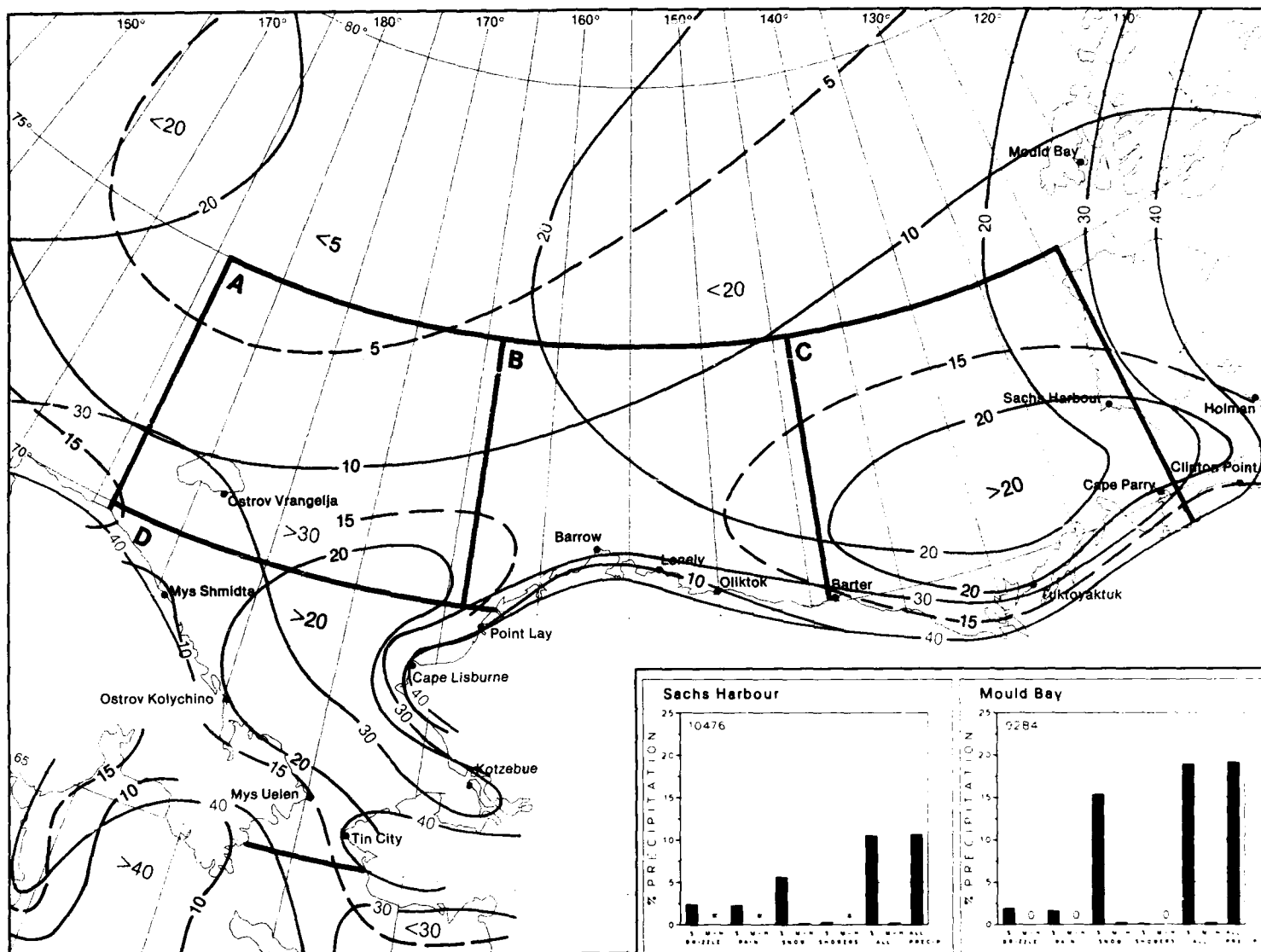
2 Wind-Visibility-Cloudiness

Ma



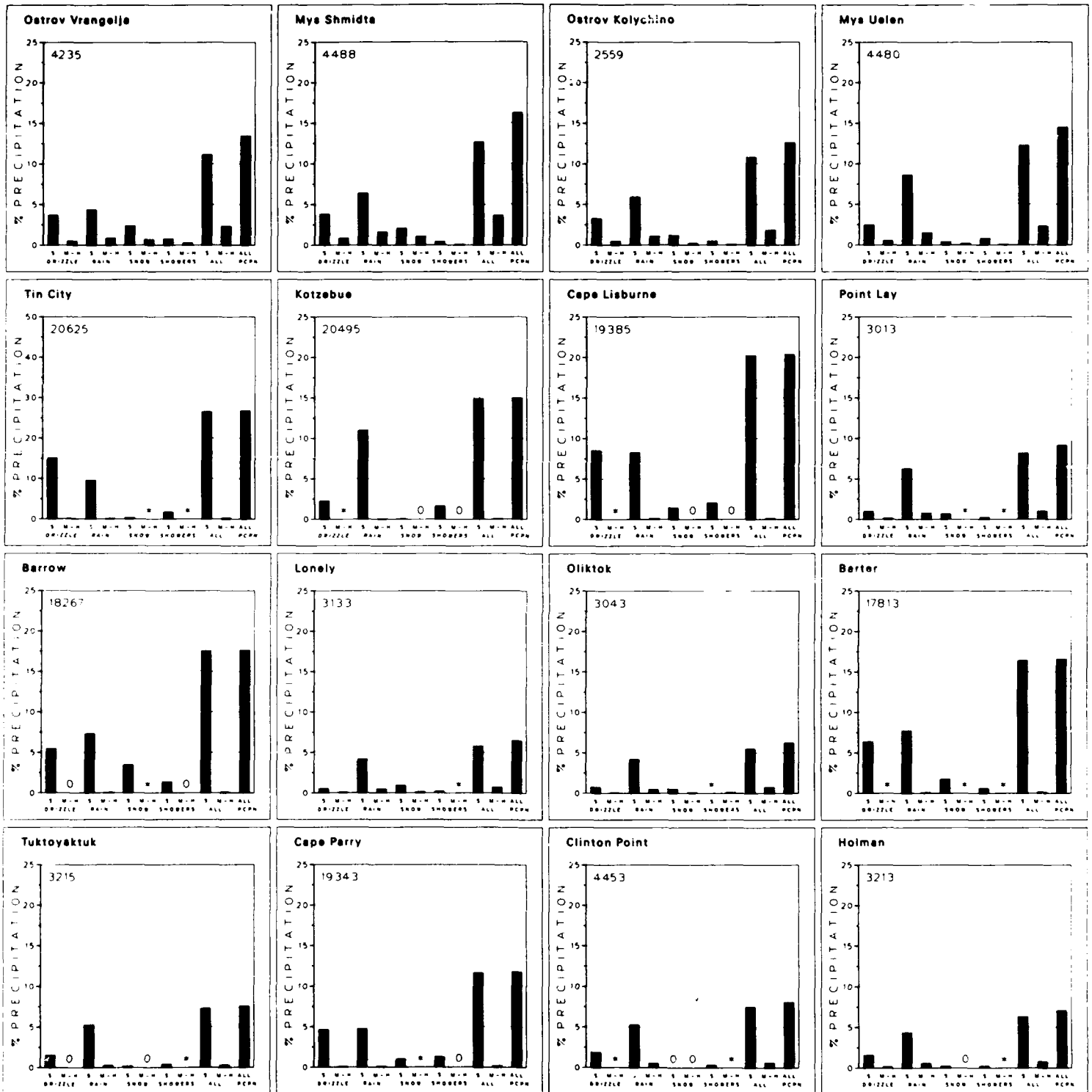
June

2 Precipitation Type



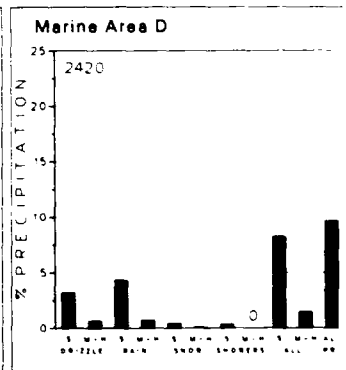
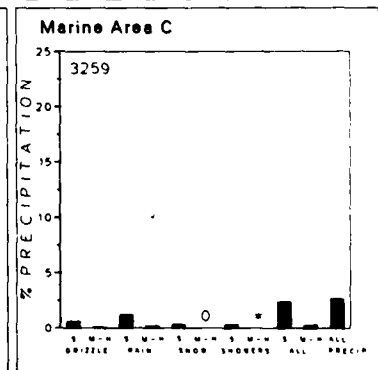
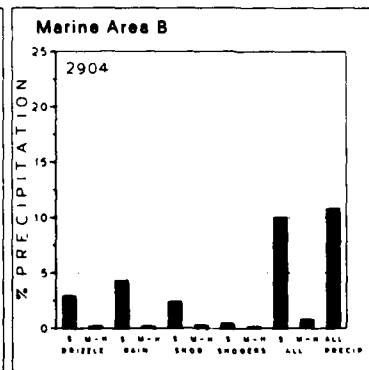
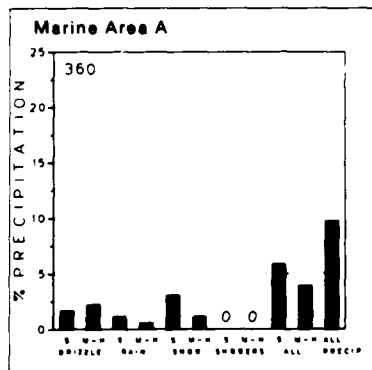
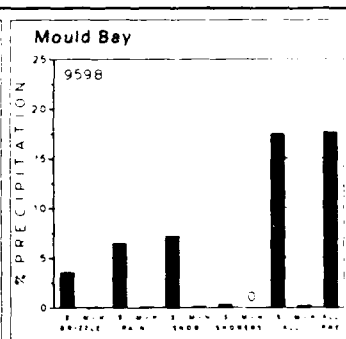
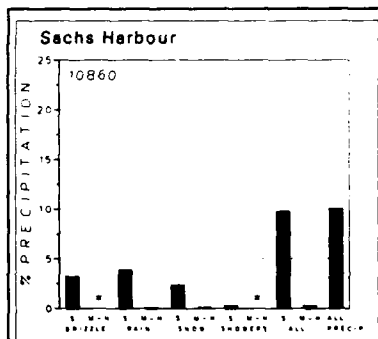
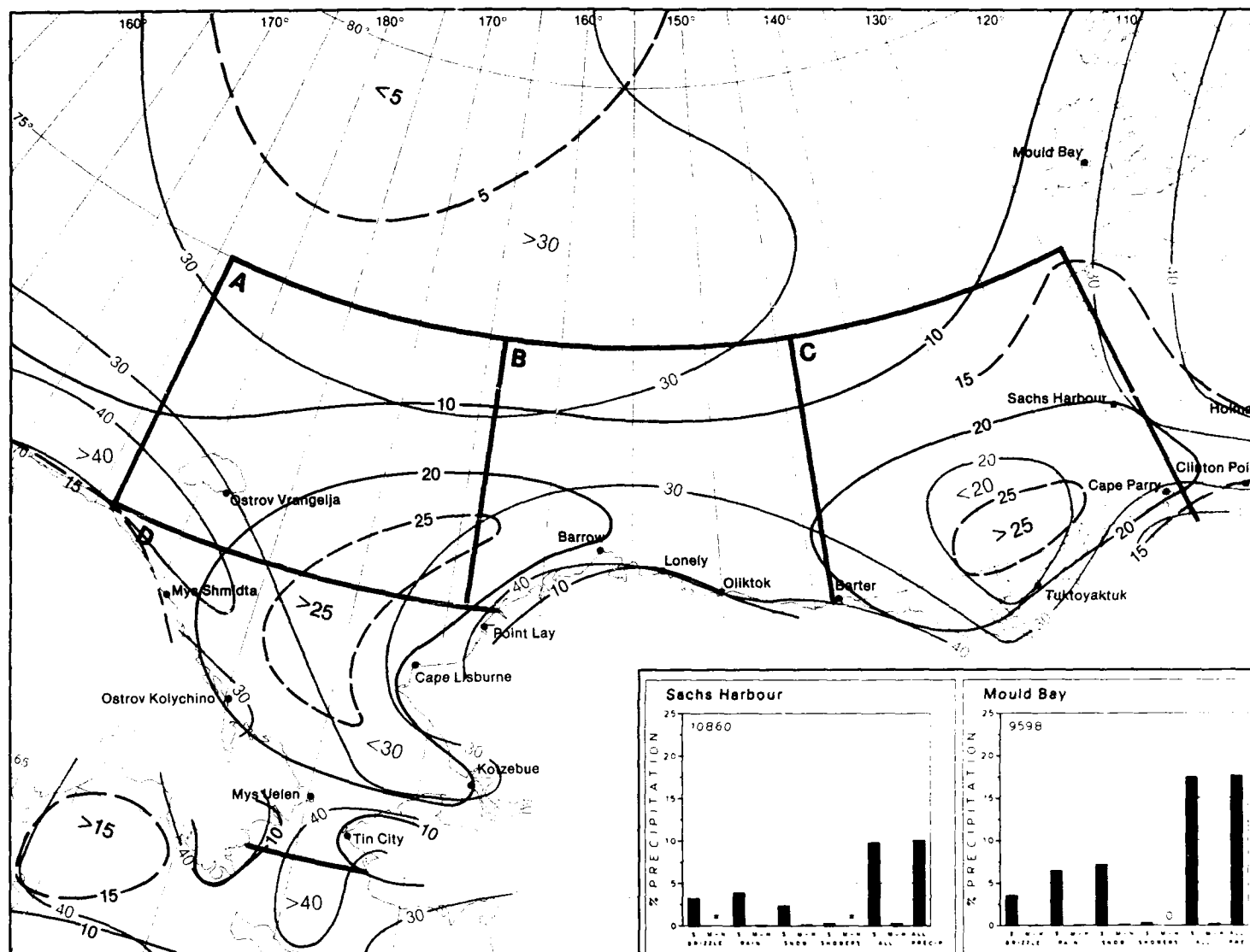
2 Wind-Visibility-Cloudiness

Jun

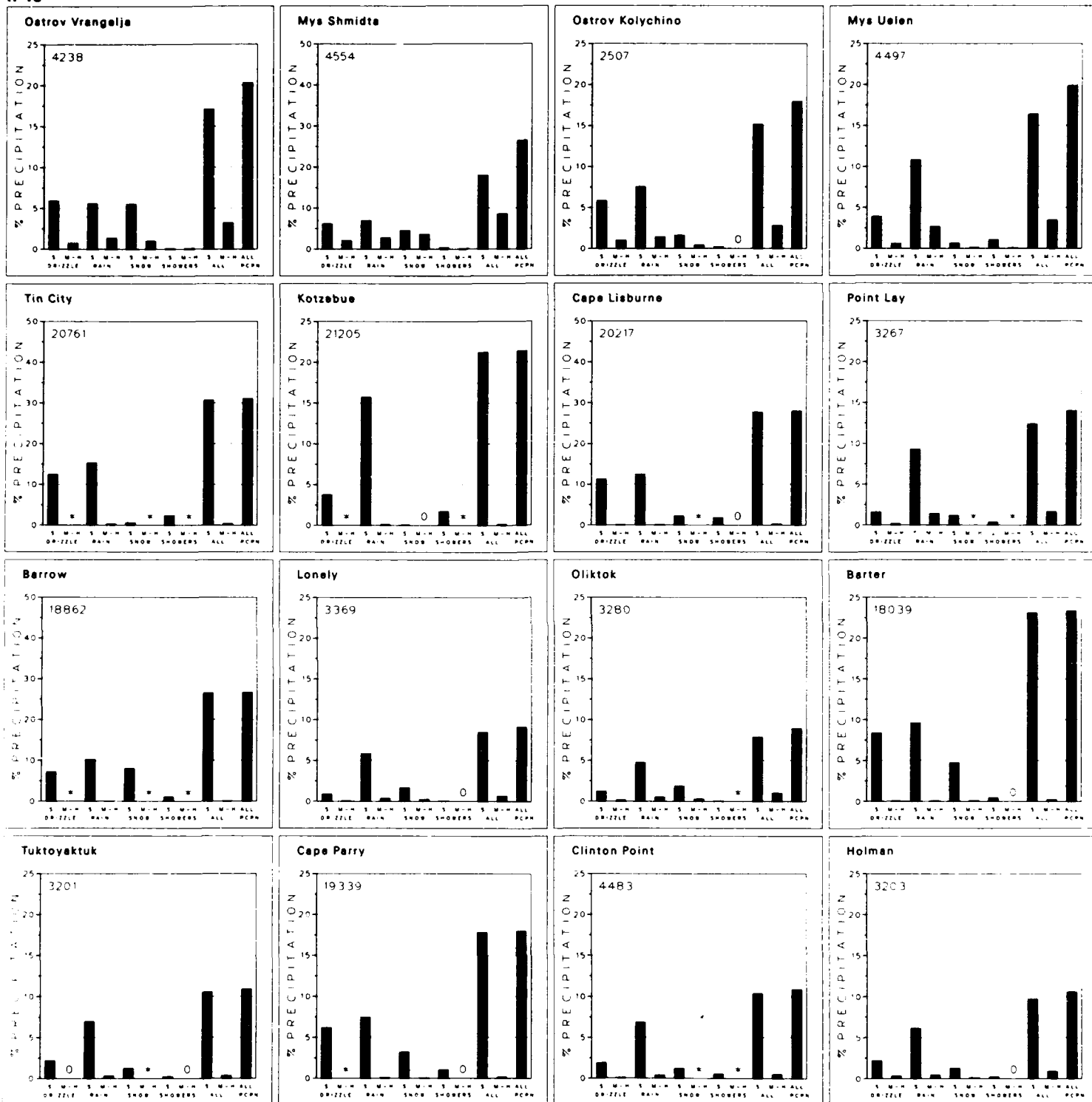


July

2 Precipitation Types

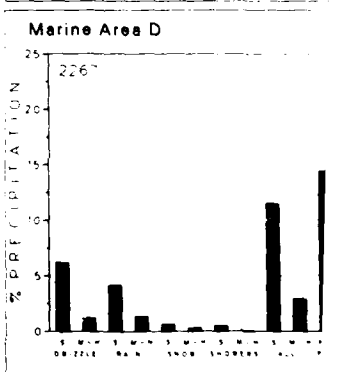
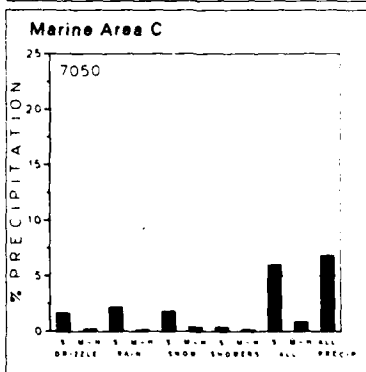
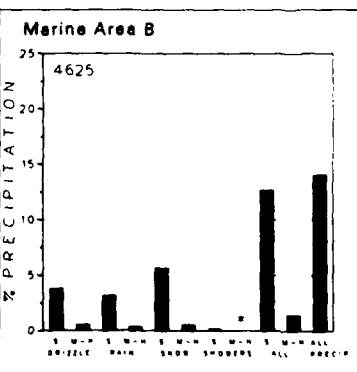
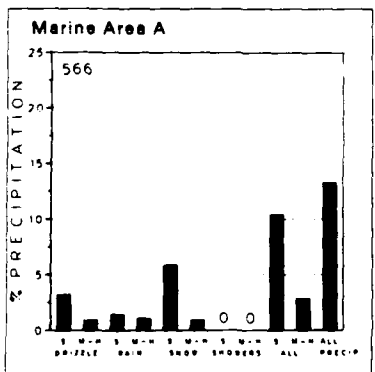
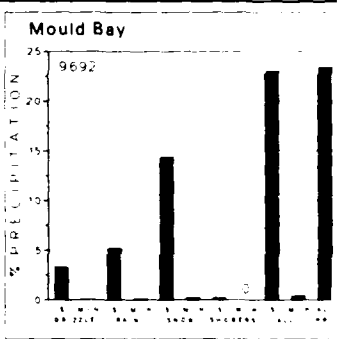
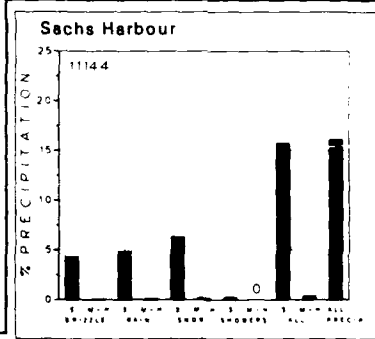
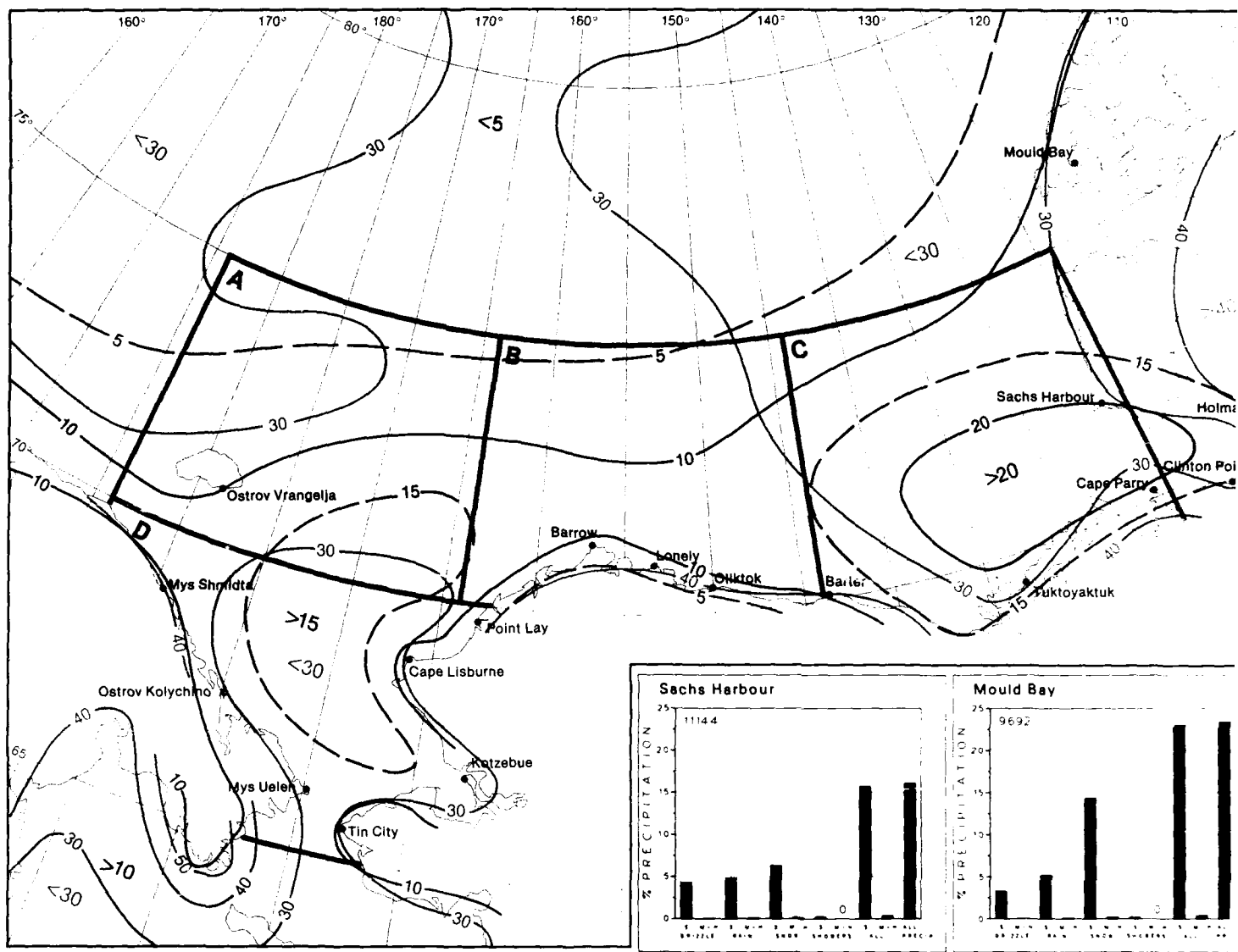


2 Wind-Visibility-Cloudiness



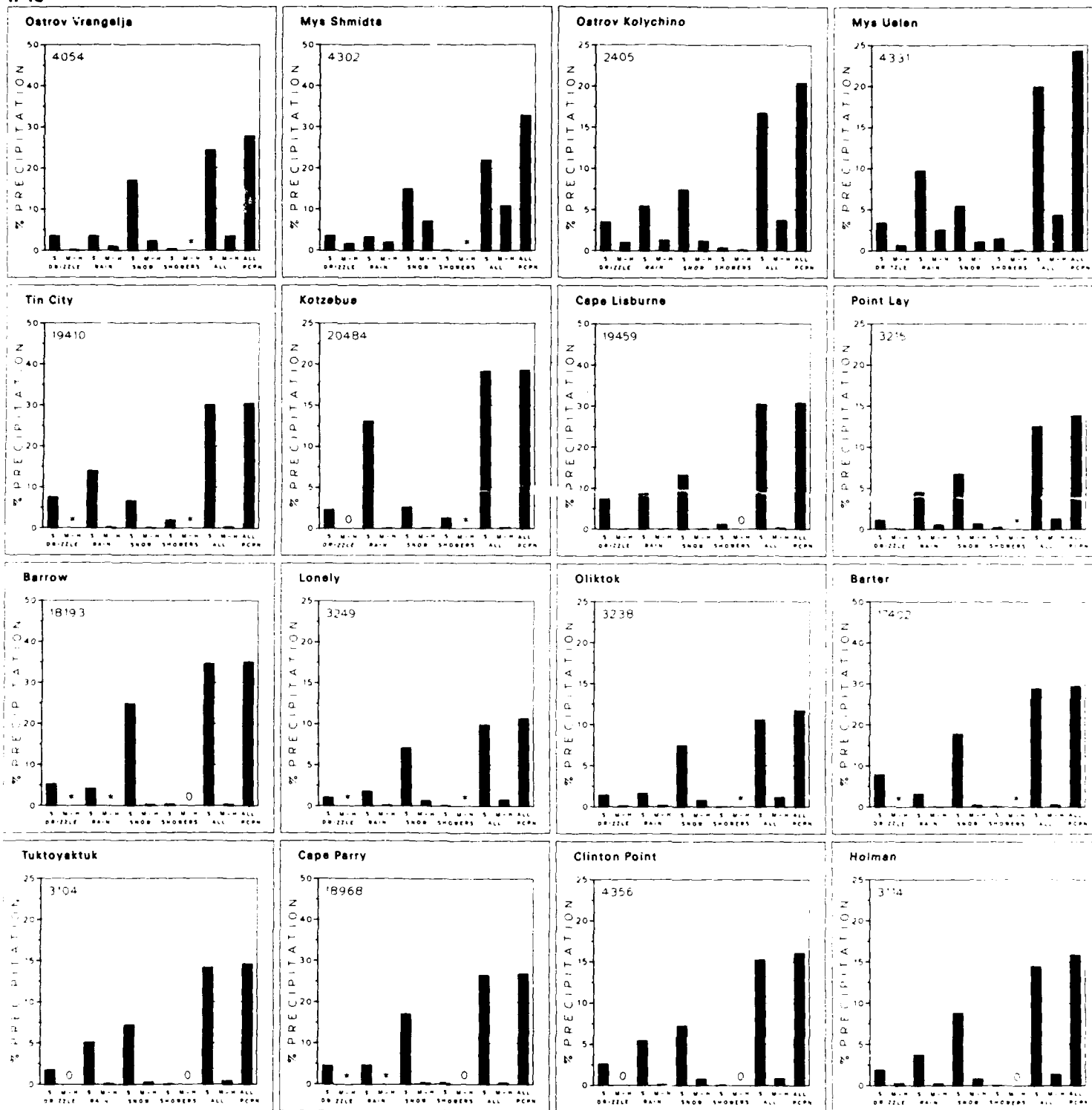
August

2 Precipitation Types



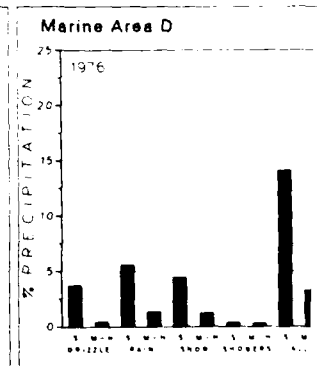
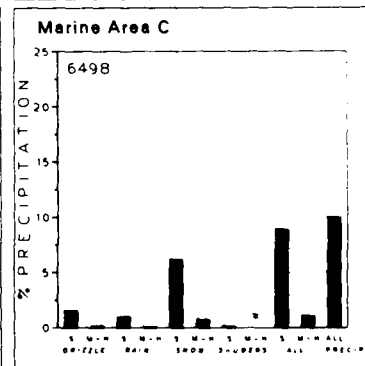
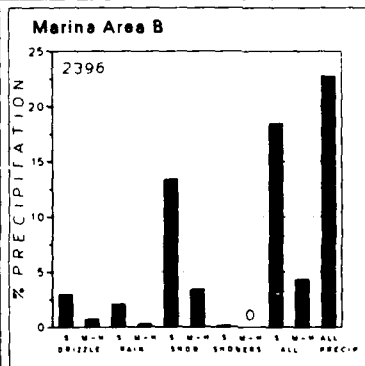
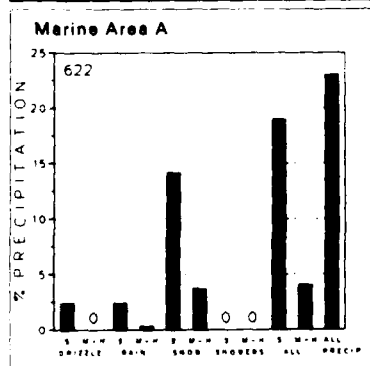
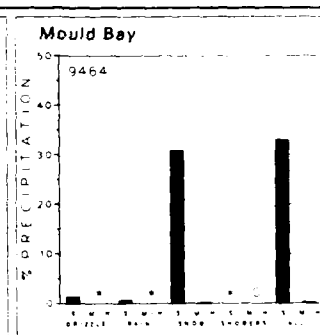
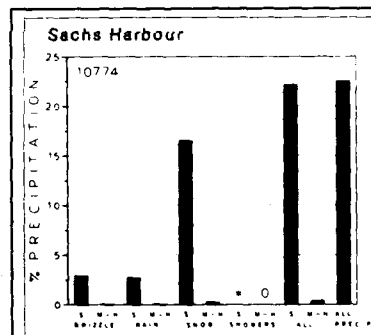
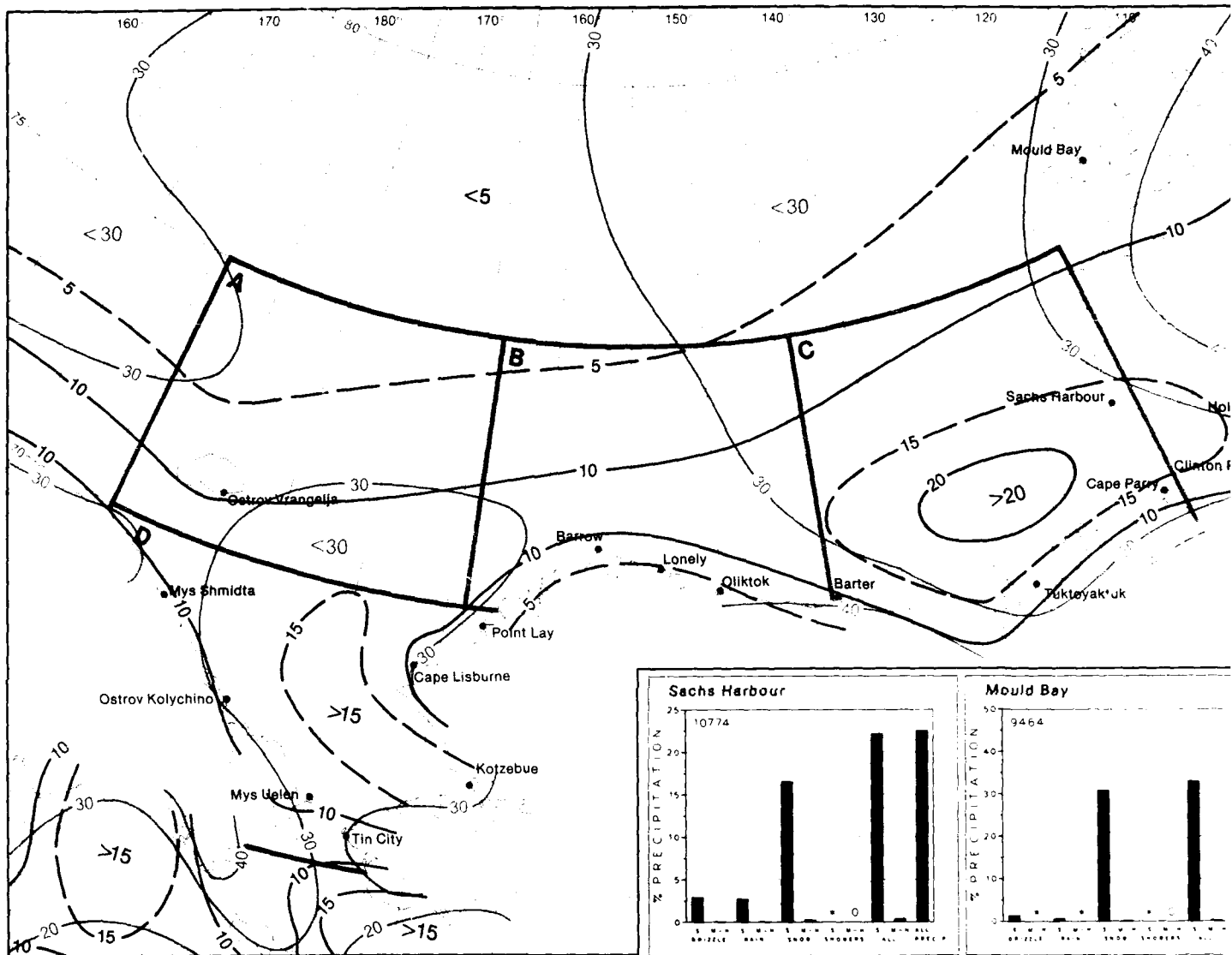
2 Wind-Visibility-Cloudiness

Aug



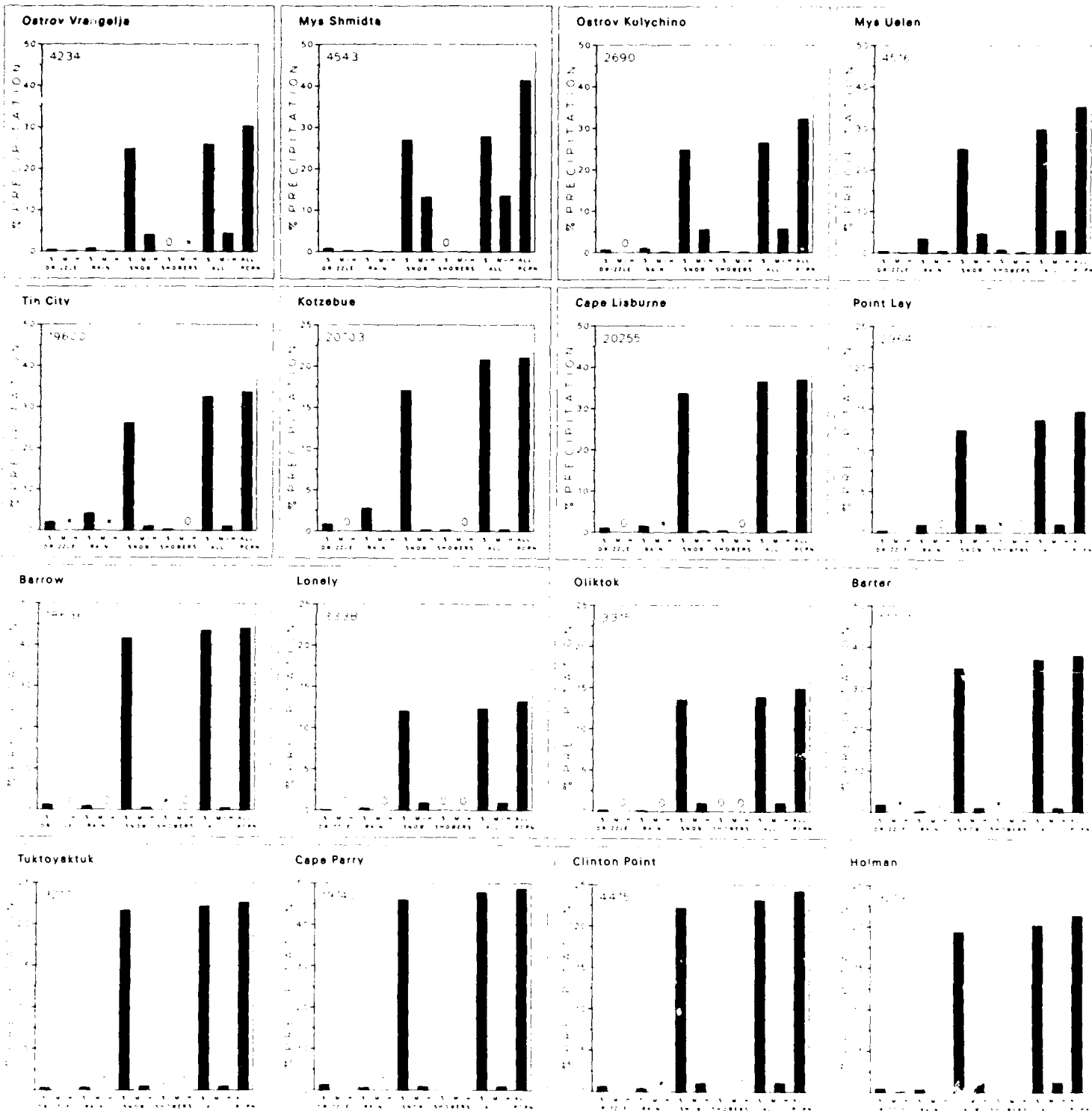
September

2 Precipitation Type



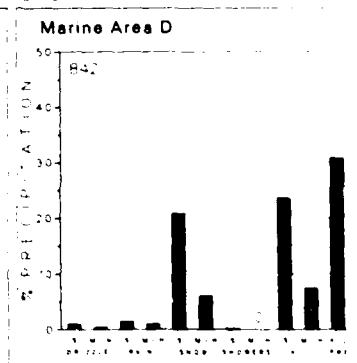
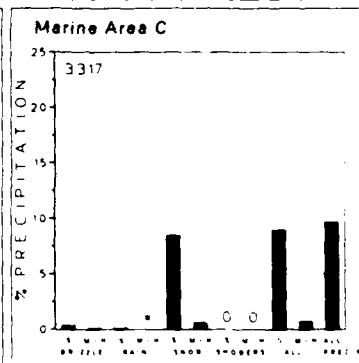
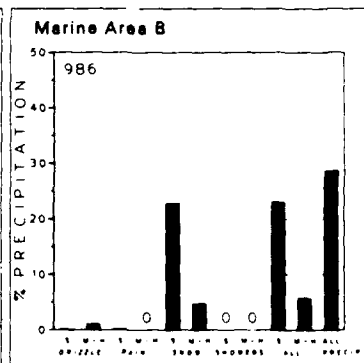
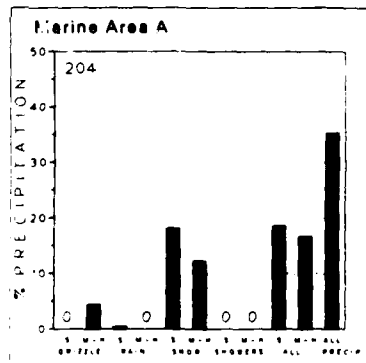
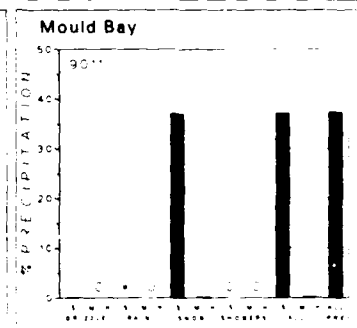
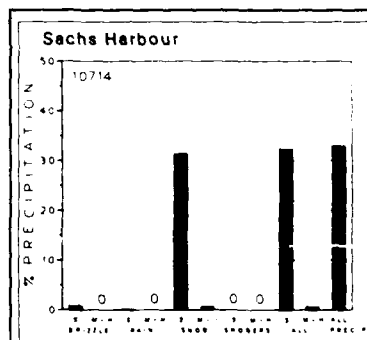
2 Wind-Visibility-Cloudiness

Septe

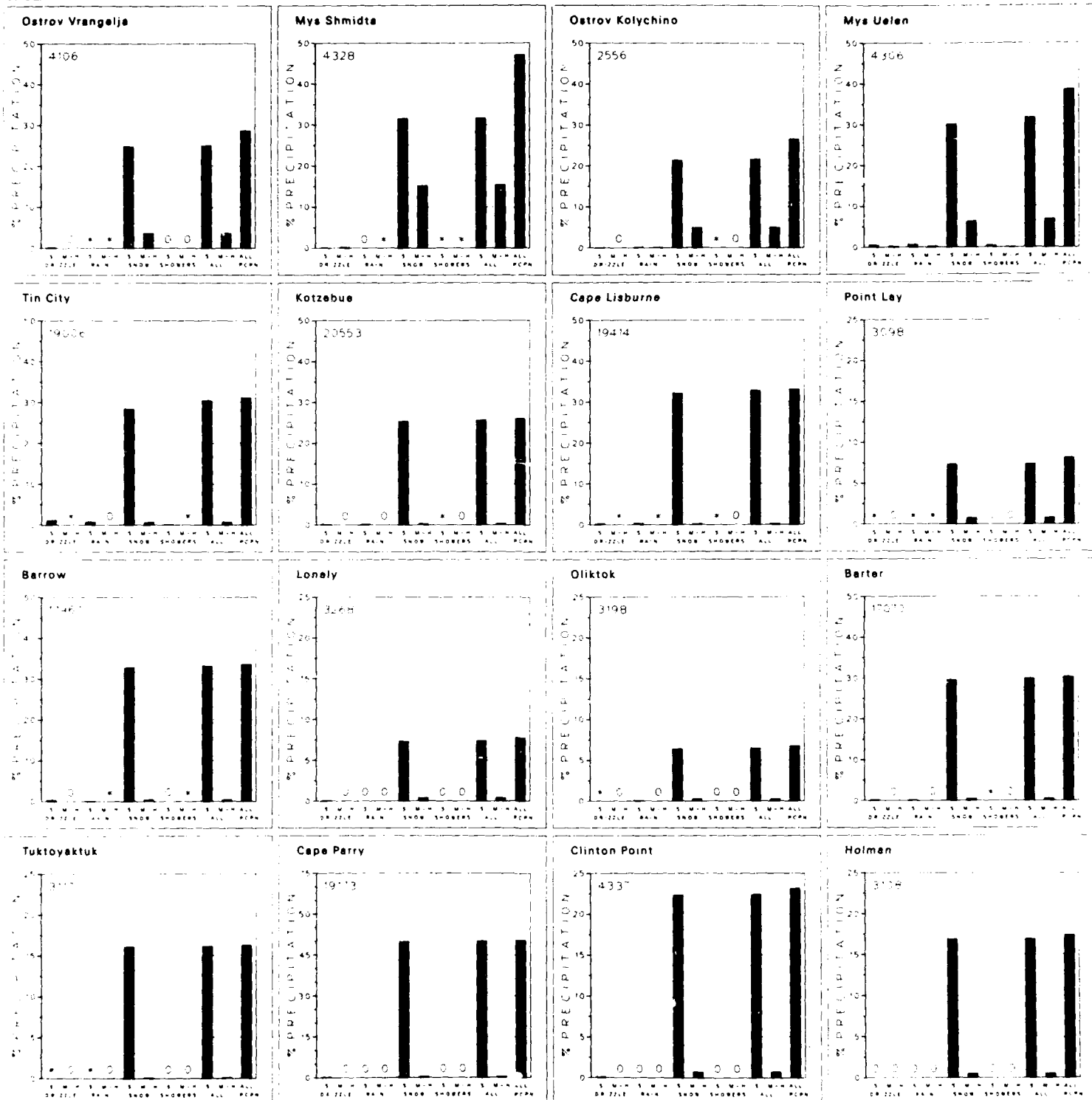


October

2 Precipitation Types

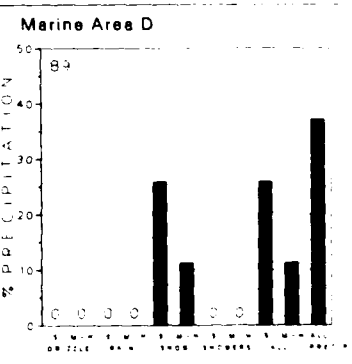
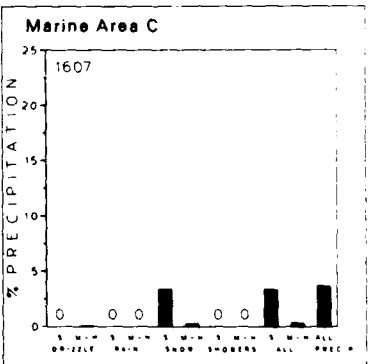
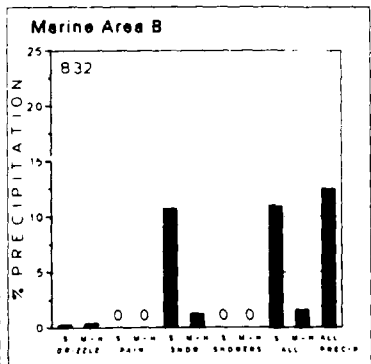
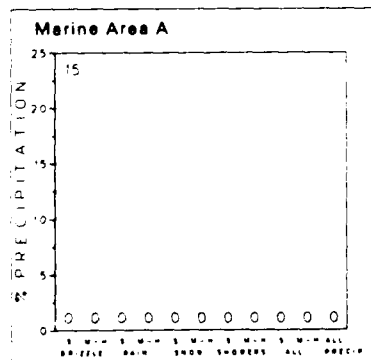
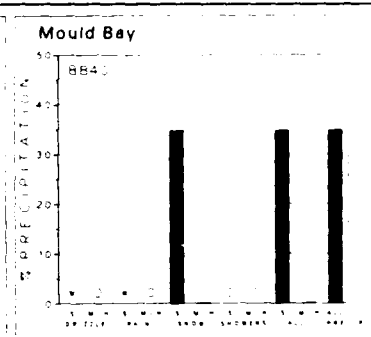
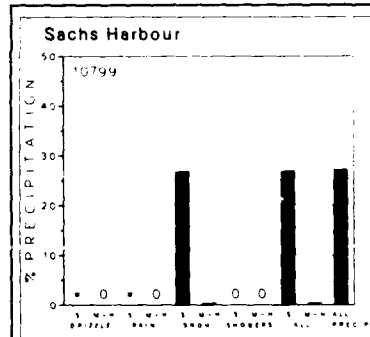
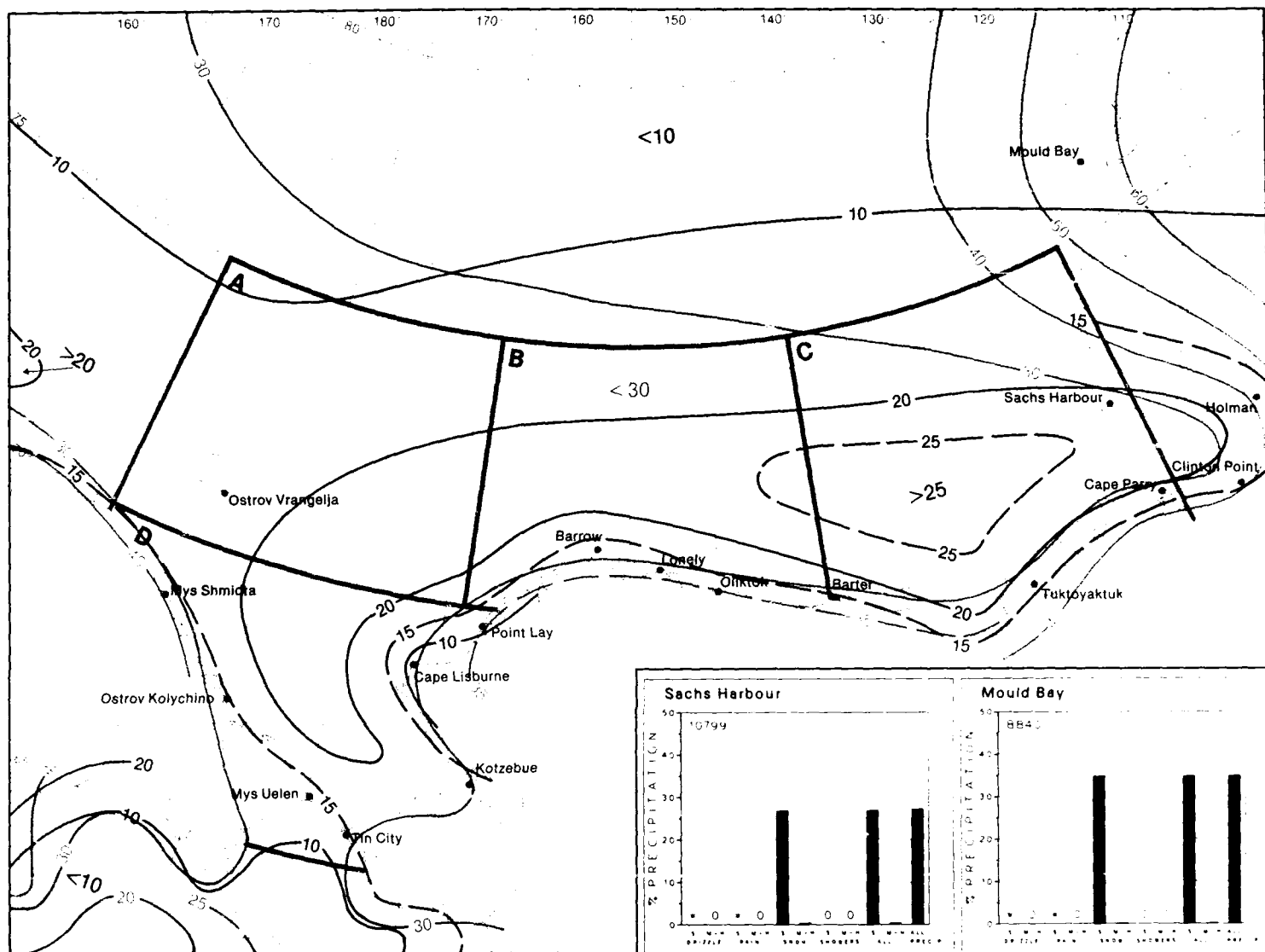


October



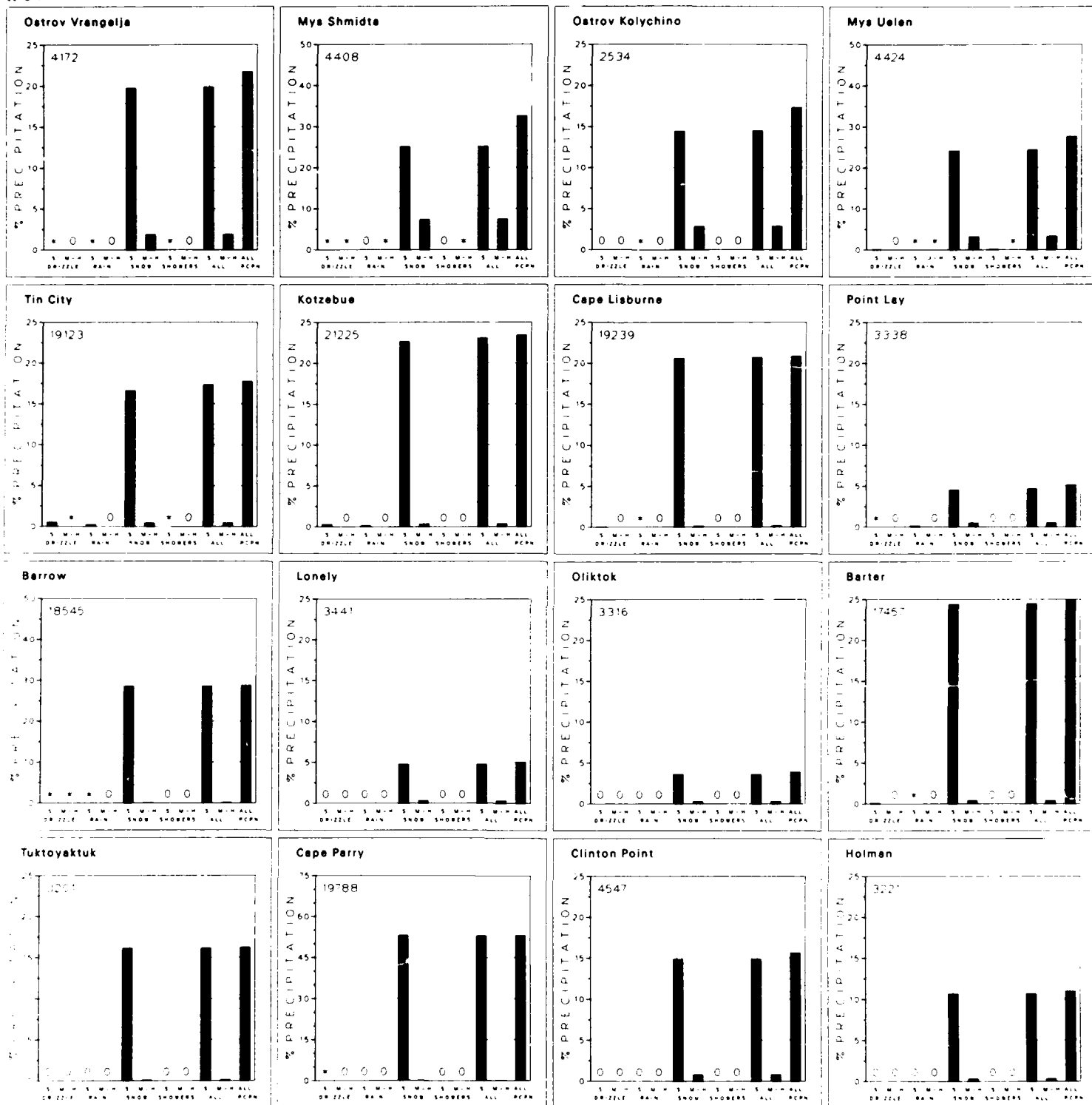
November

2 Precipitation Types



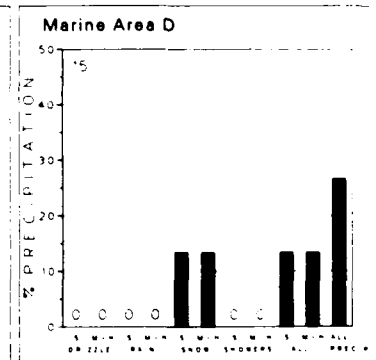
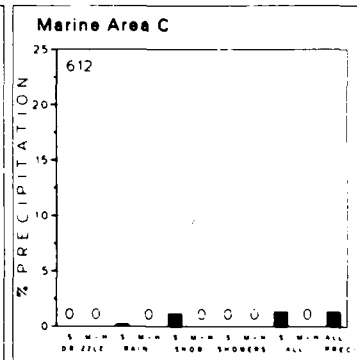
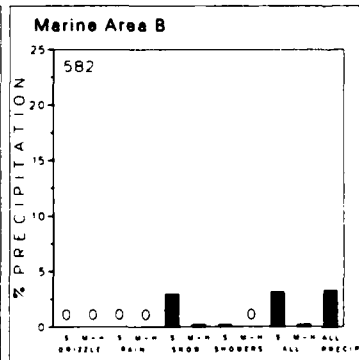
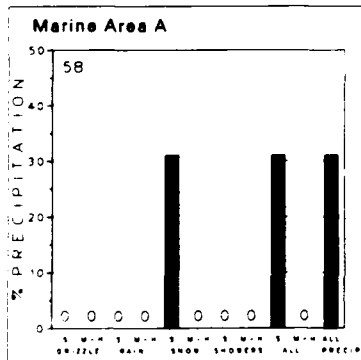
2 Wind-Visibility-Cloudiness

November



December

2 Precipitation Types



December

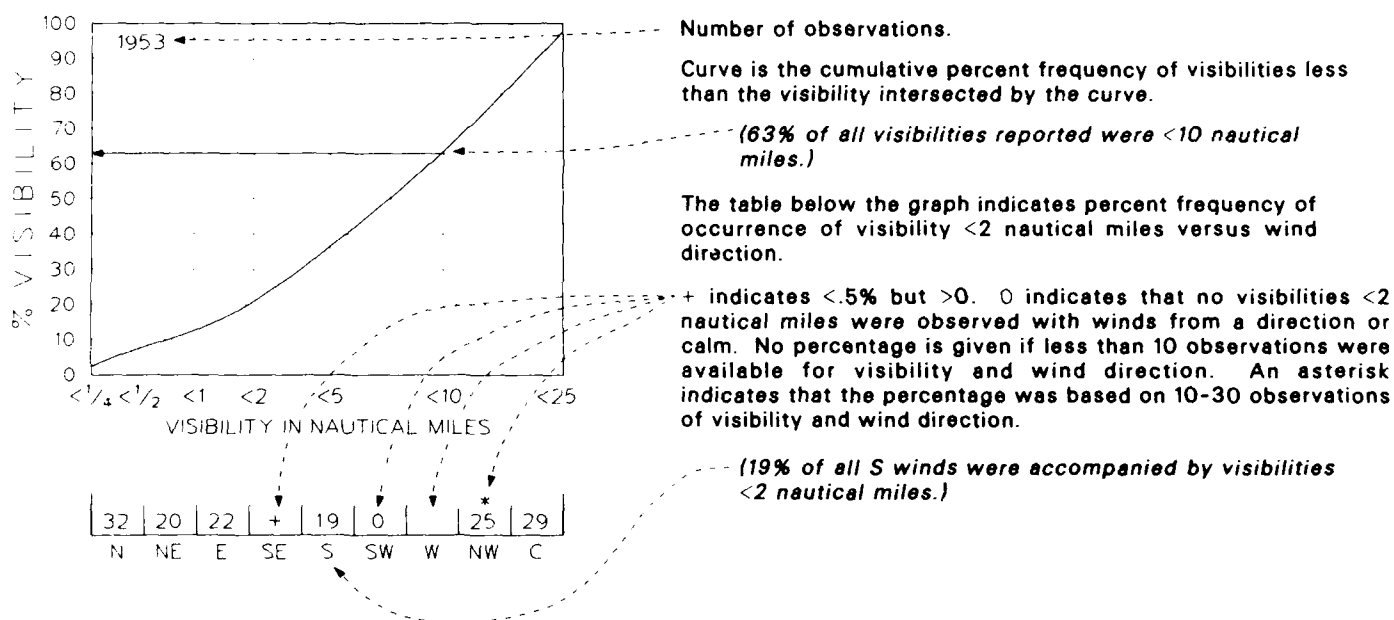
Map 3. Ceiling/visibility (low range)

BLACK LINE – Percent frequency of low cloud ceiling (LCC) <300 feet and/or visibility <1 nautical mile.

BLUE LINE – Percent frequency of LCC <600 feet and/or visibility <2 nautical miles.

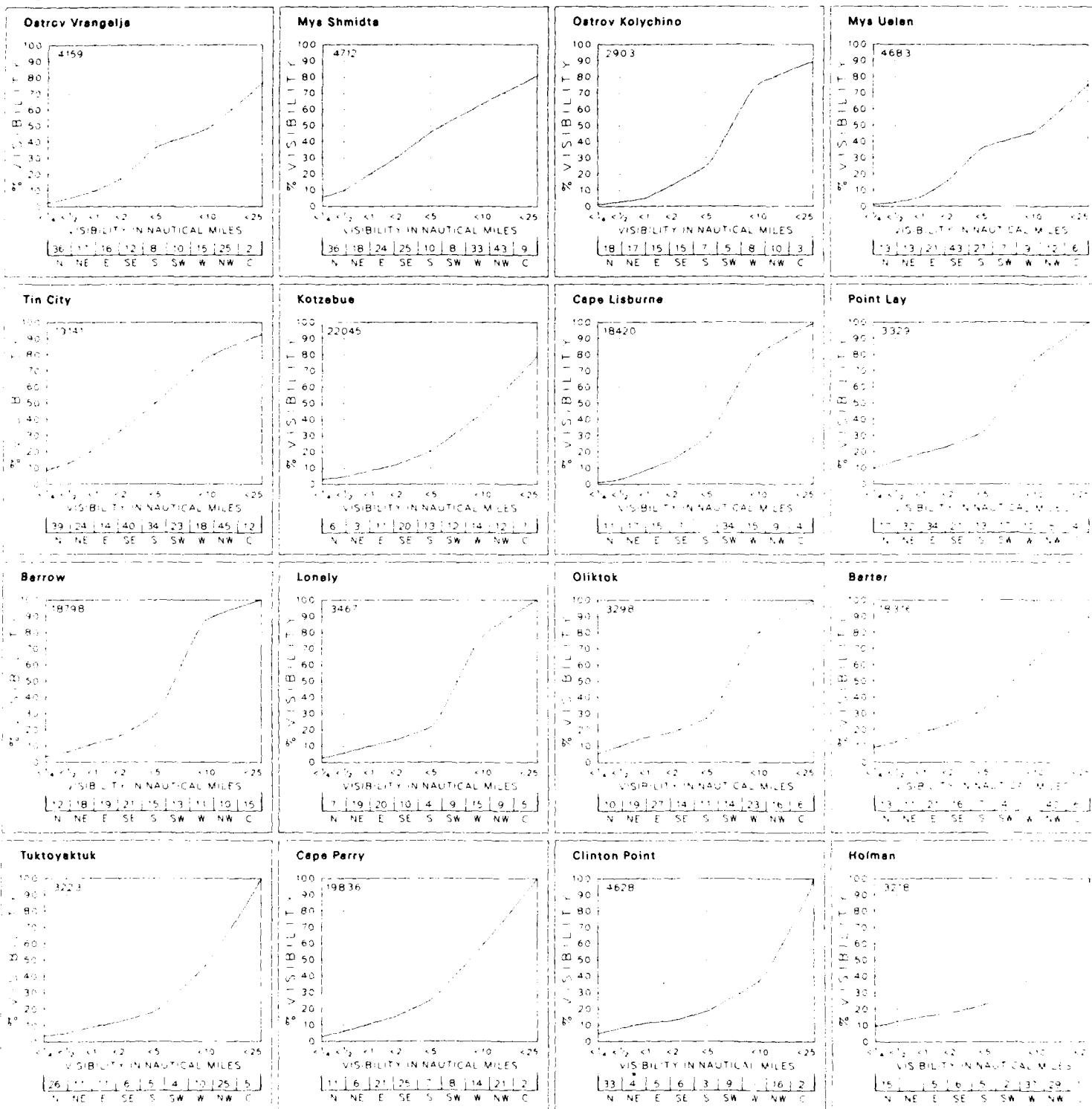
Albers Equal-Area Conic Projection

Graphs: Visibility/wind direction



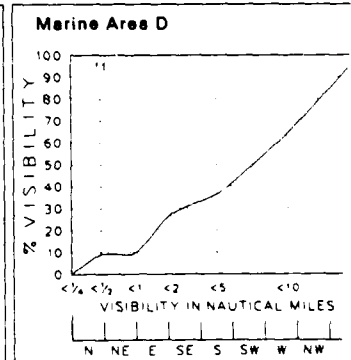
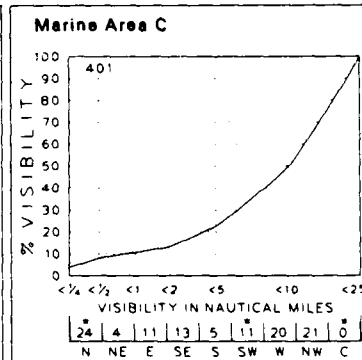
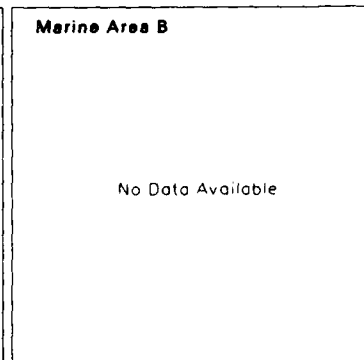
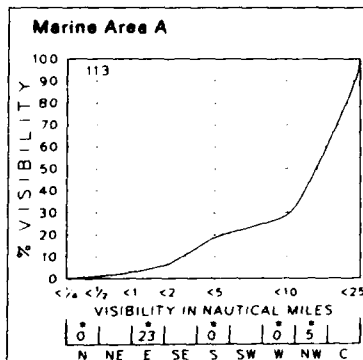
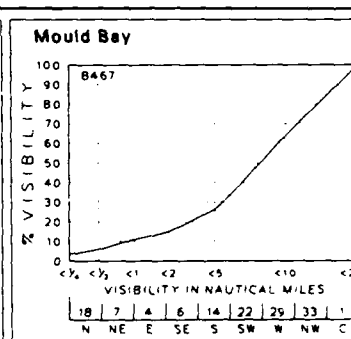
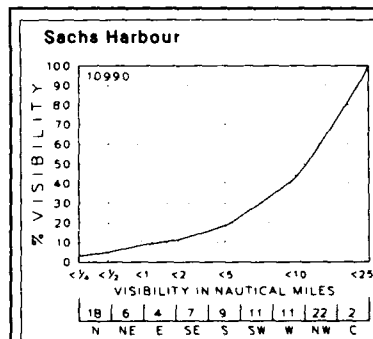
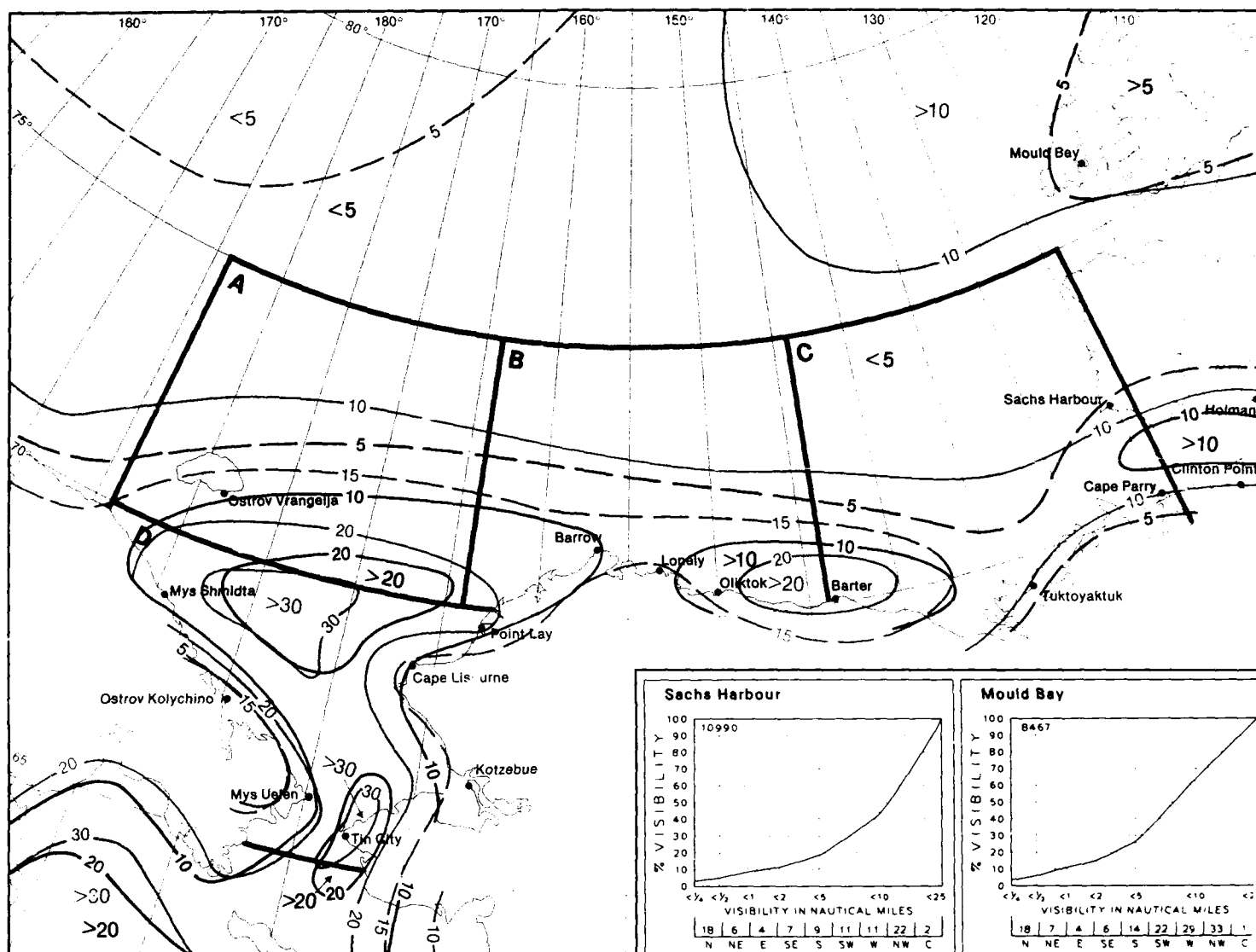
The percent frequency of visibilities equal to or greater than a given value can be obtained from the graph by subtracting the cumulative percent frequency of that value from 100%. Refer to the text in Set 5 for descriptive information on visibility.

Aircraft-type ceilings are not available from marine observations. The ceilings are estimated from the height of the lowest cloud when low clouds (heights of less than 8,000 feet) cover more than half the sky. When the sky is totally obscured by snow, rain, fog, or other phenomena, the total obscuration is considered a ceiling with a height of zero. Refer to the texts in Sets 4 and 6 for additional information on clouds.



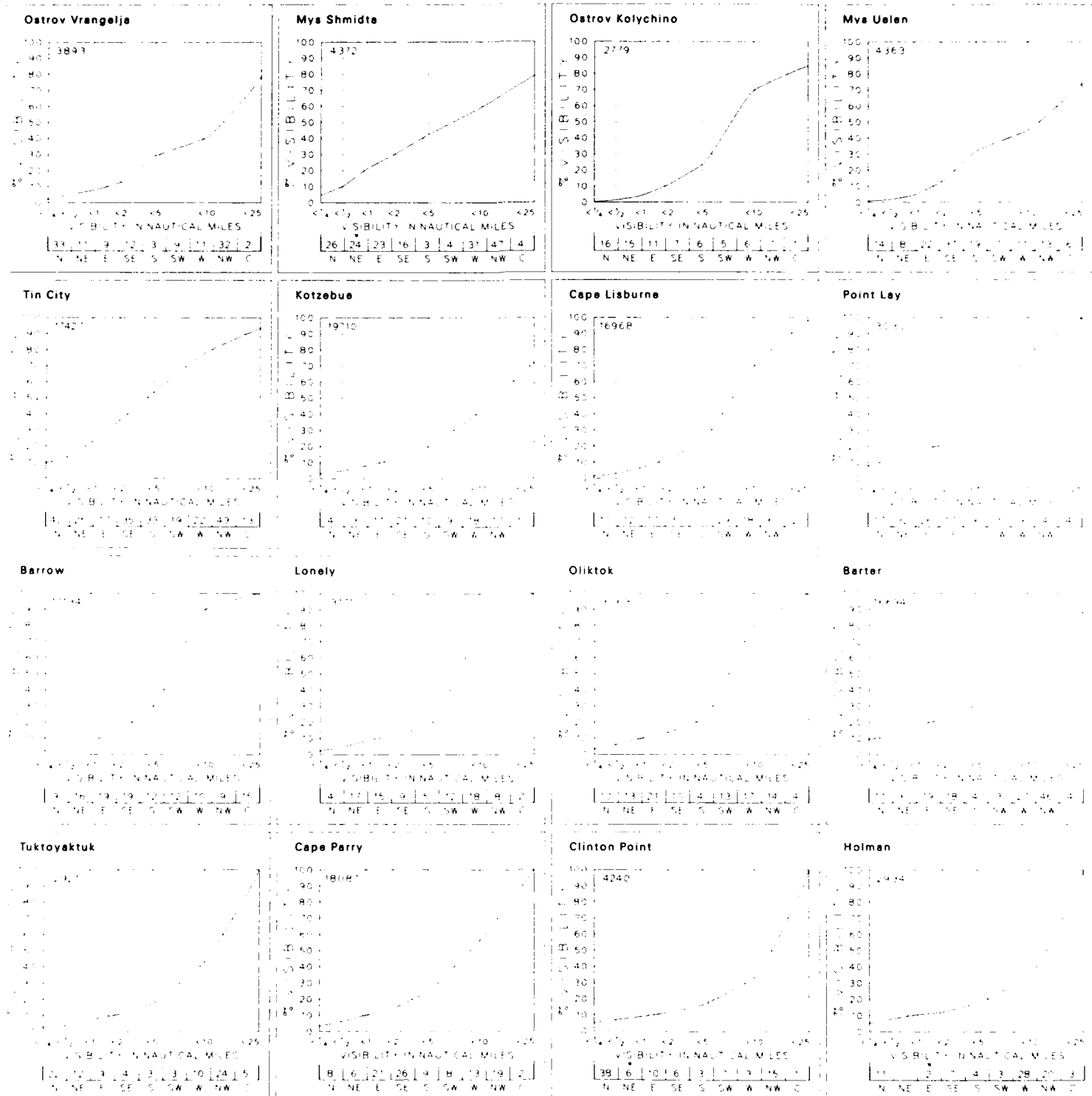
January

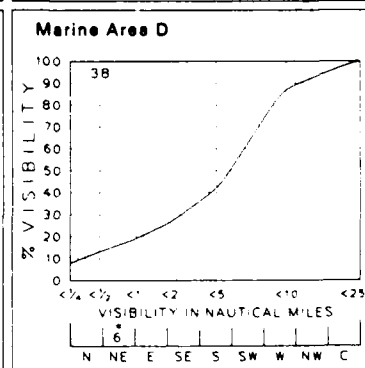
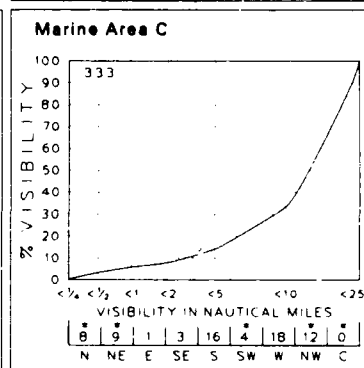
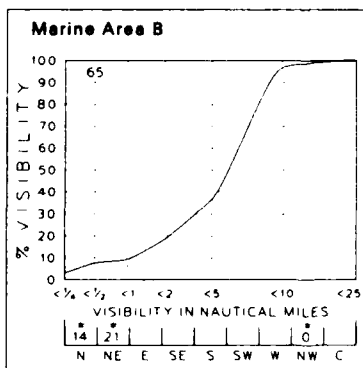
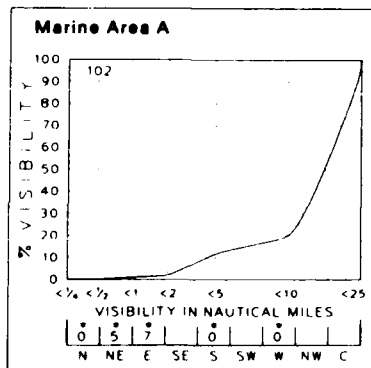
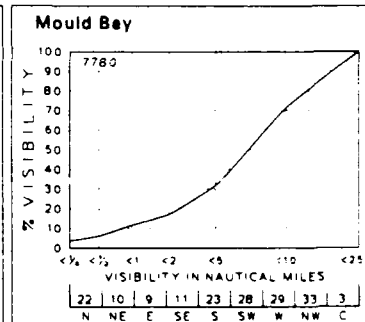
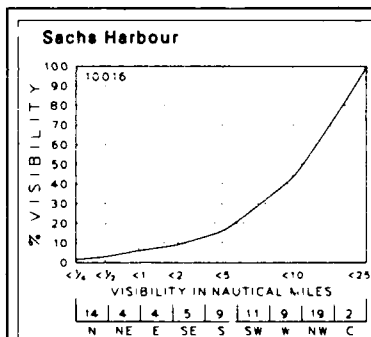
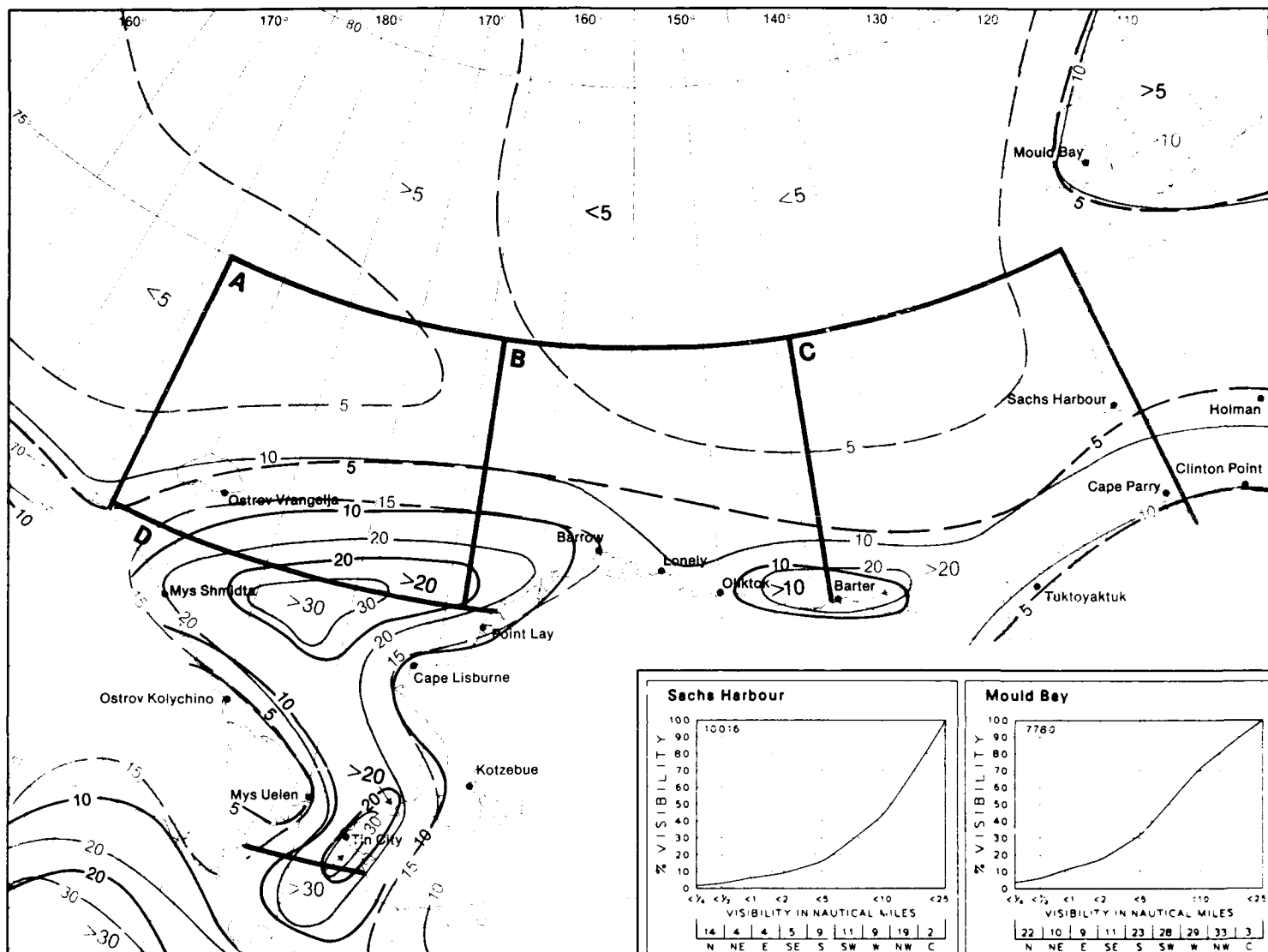
3 Visibility and Wind Direction



3 Ceiling and Visibility (low range)

Janu

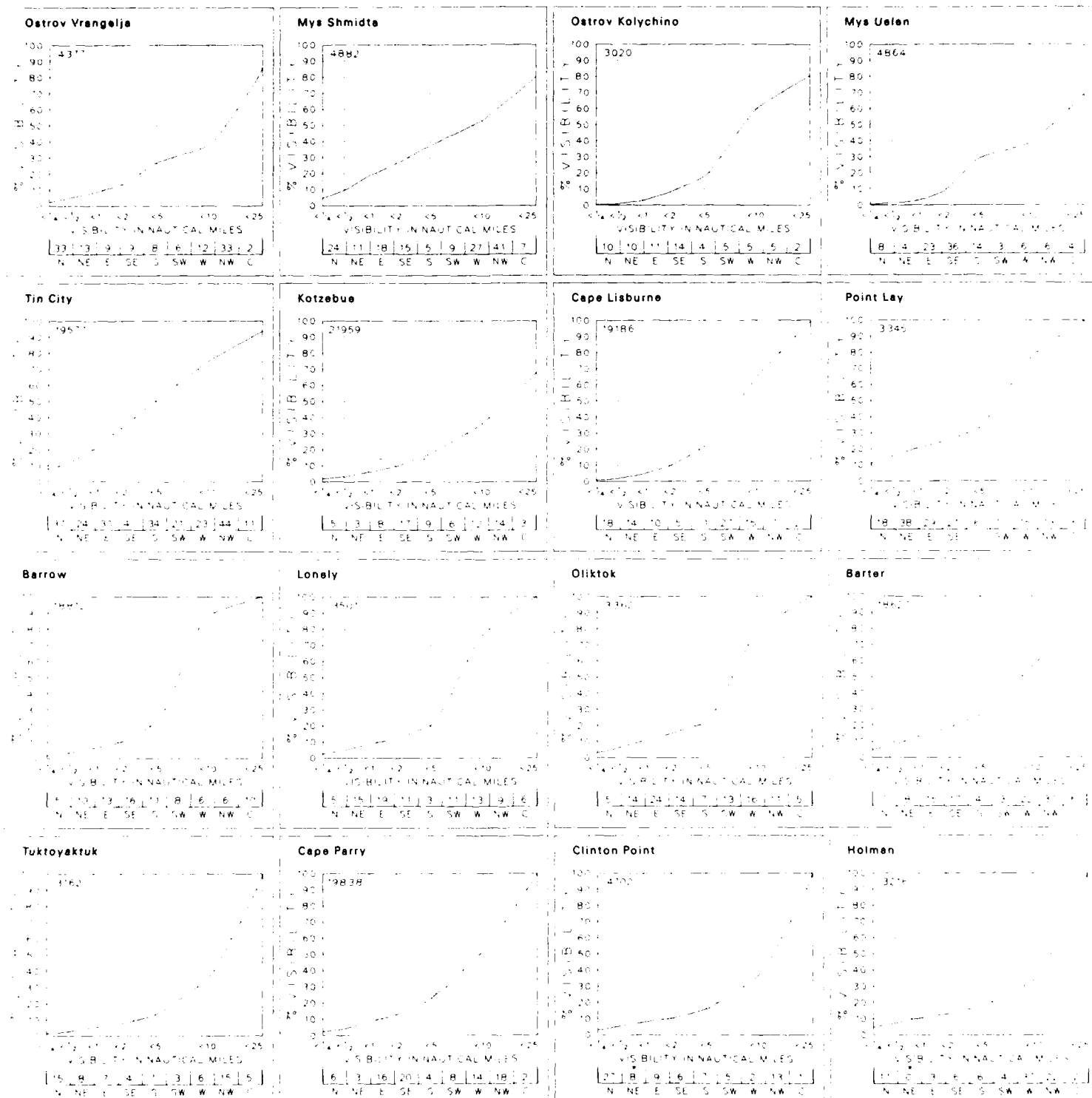




3 Ceiling and Visibility (low range)

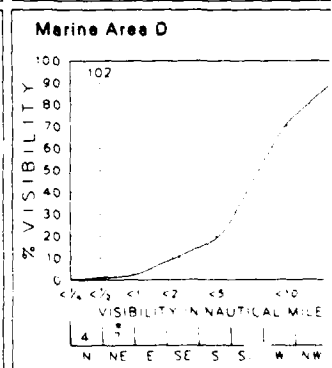
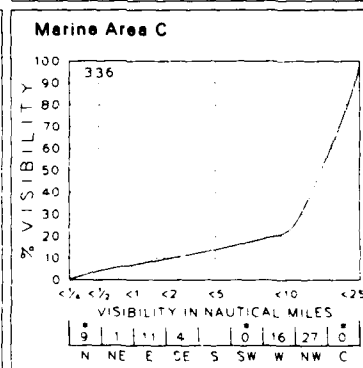
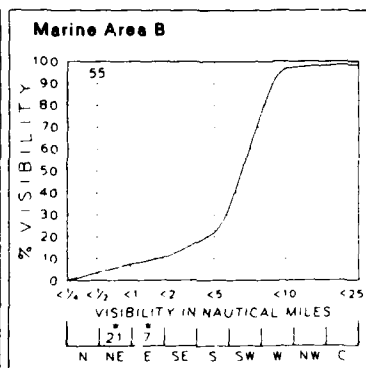
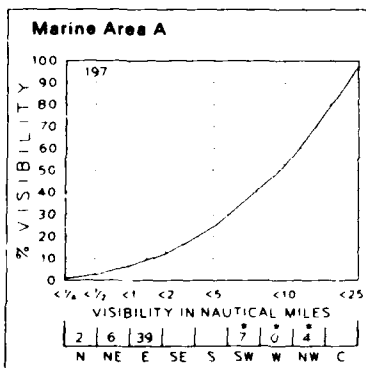
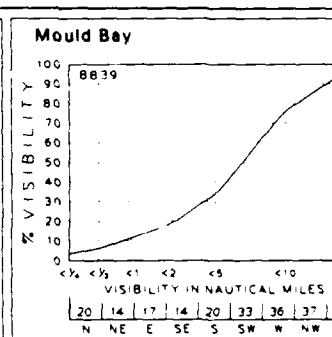
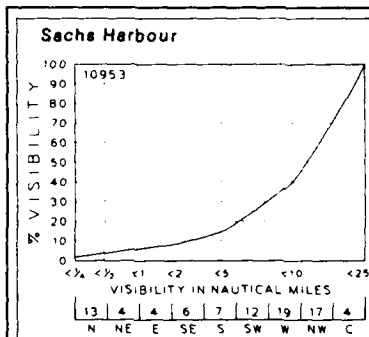
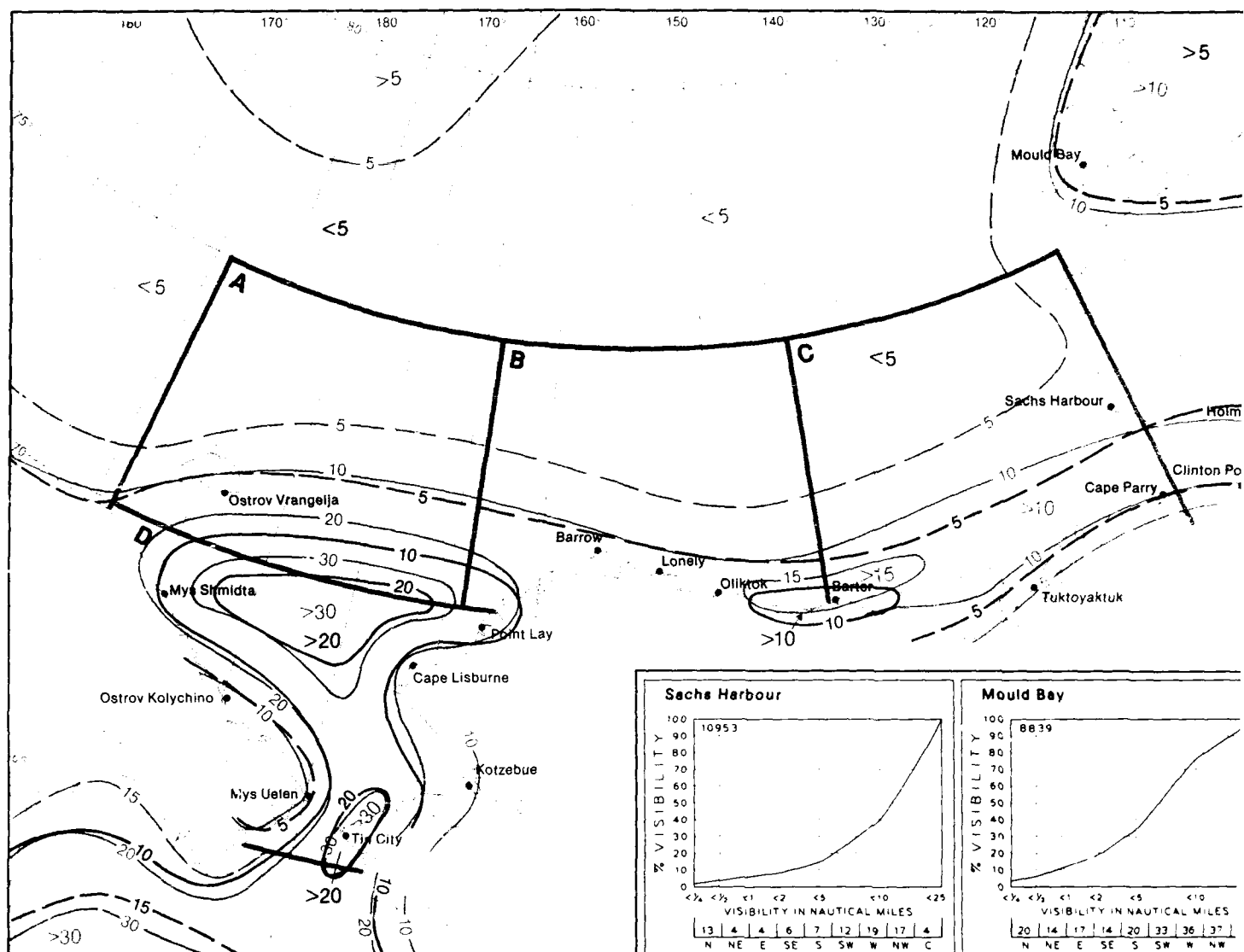
February

11-62



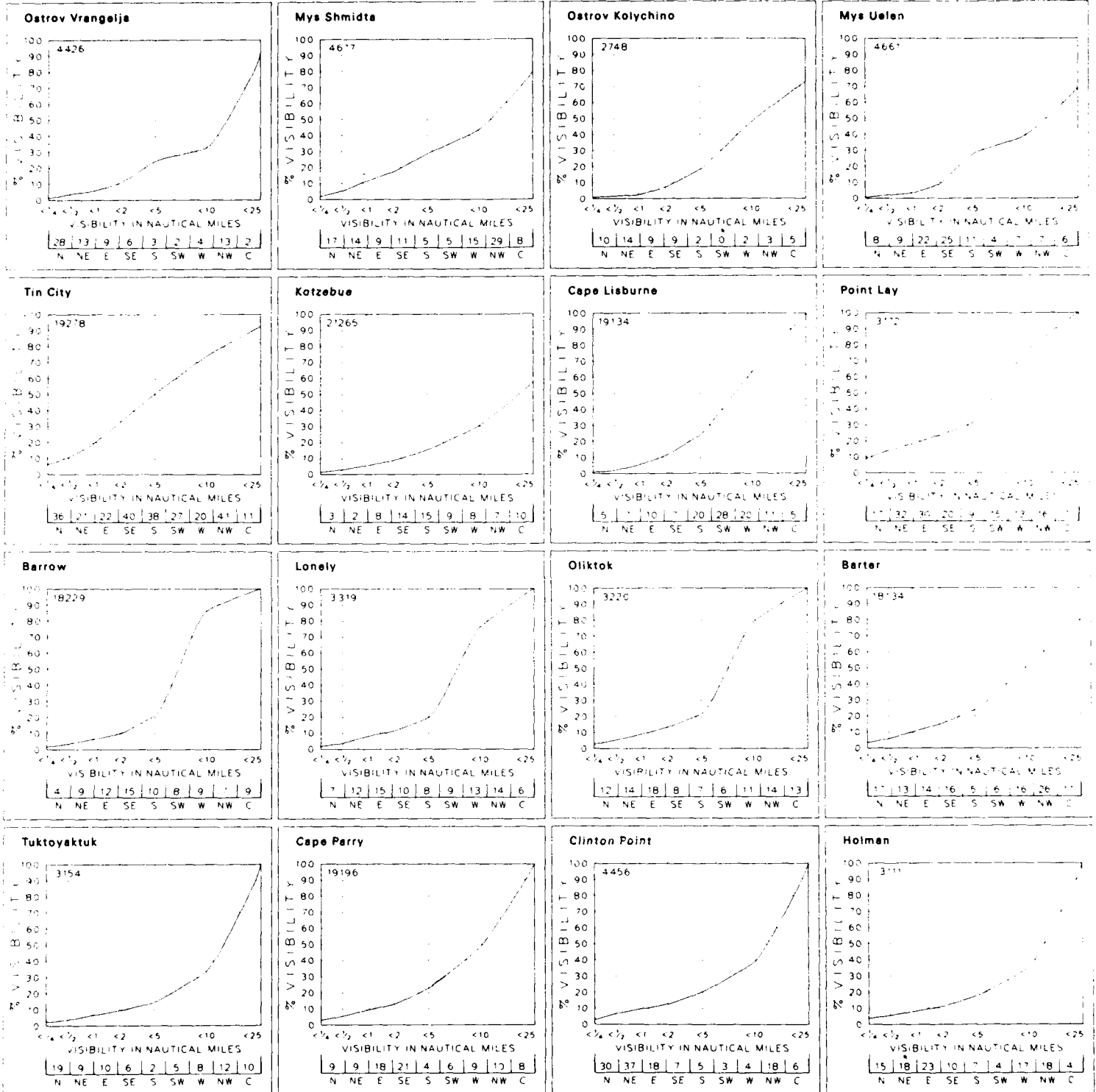
March

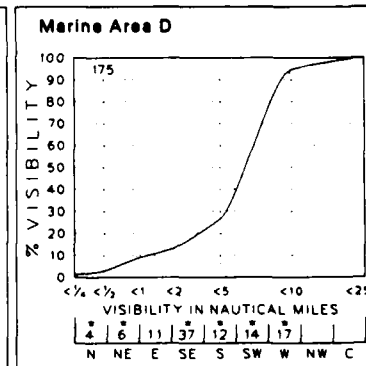
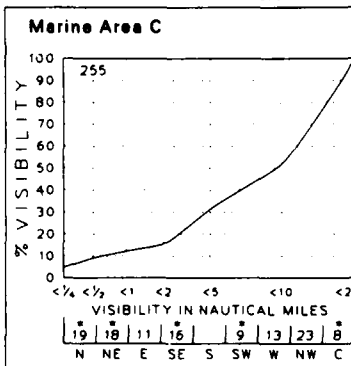
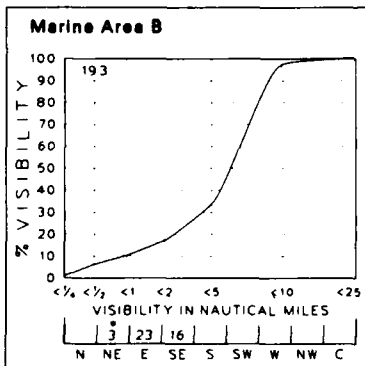
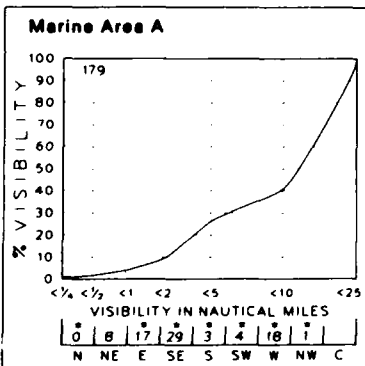
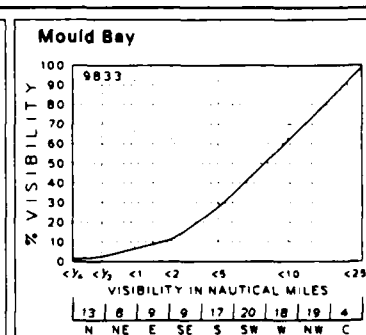
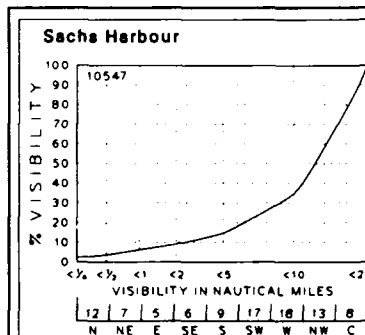
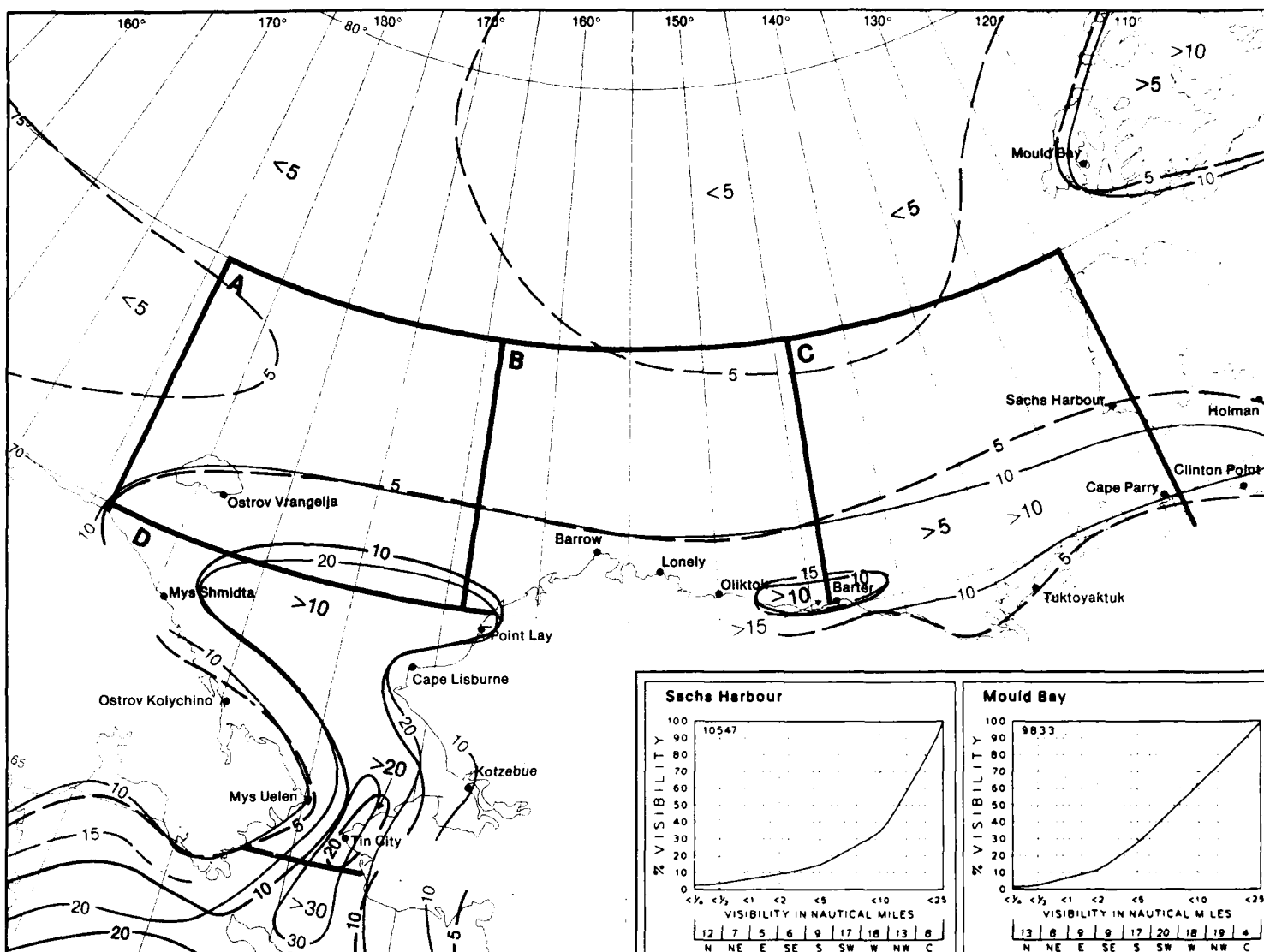
3 Visibility and Wind Direction



3 Ceiling and Visibility (low range)

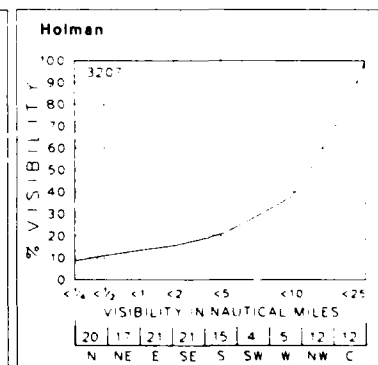
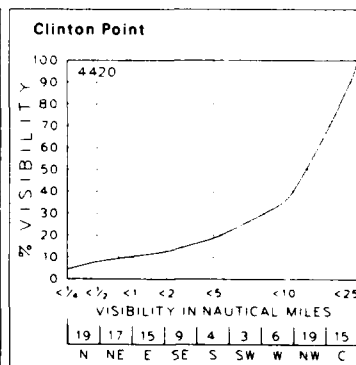
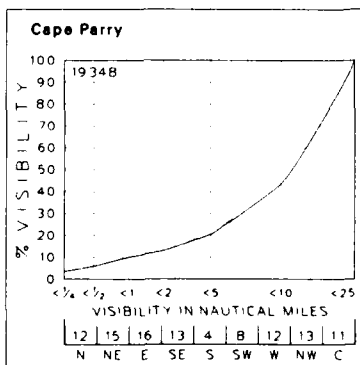
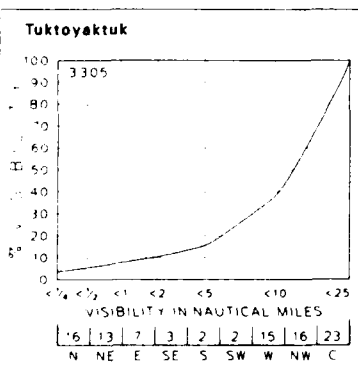
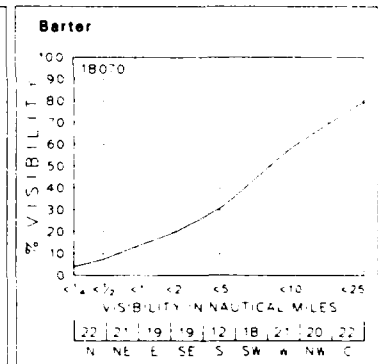
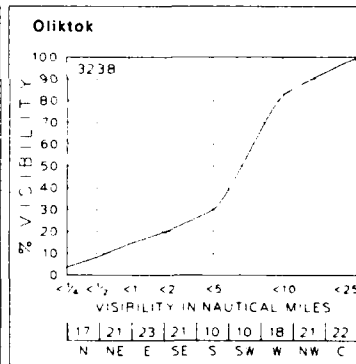
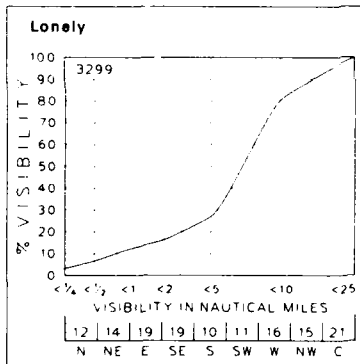
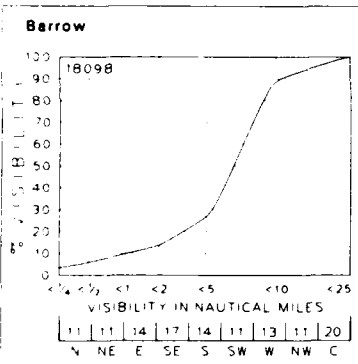
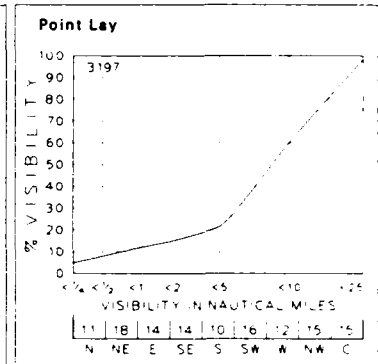
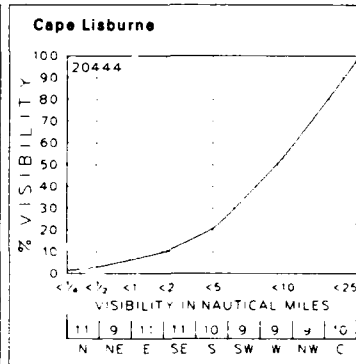
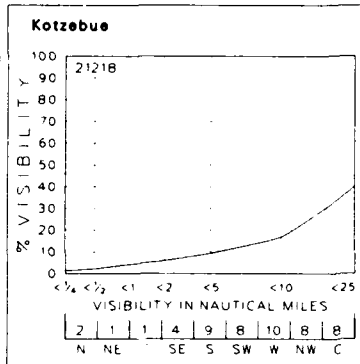
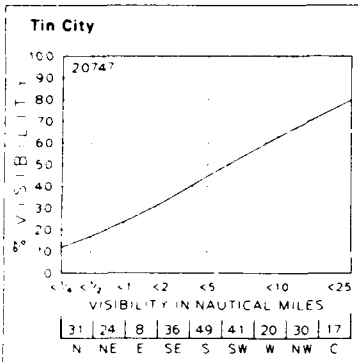
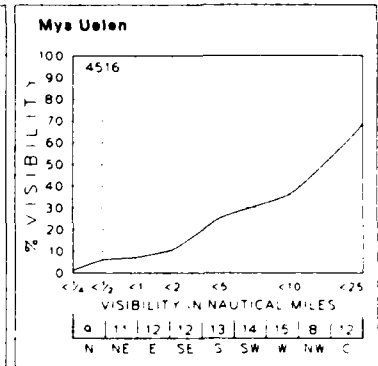
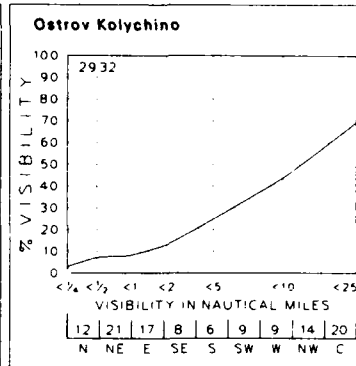
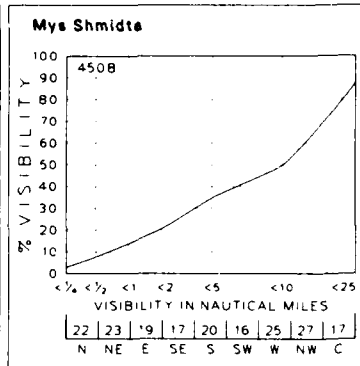
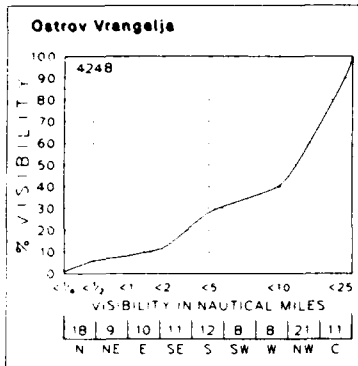
M8





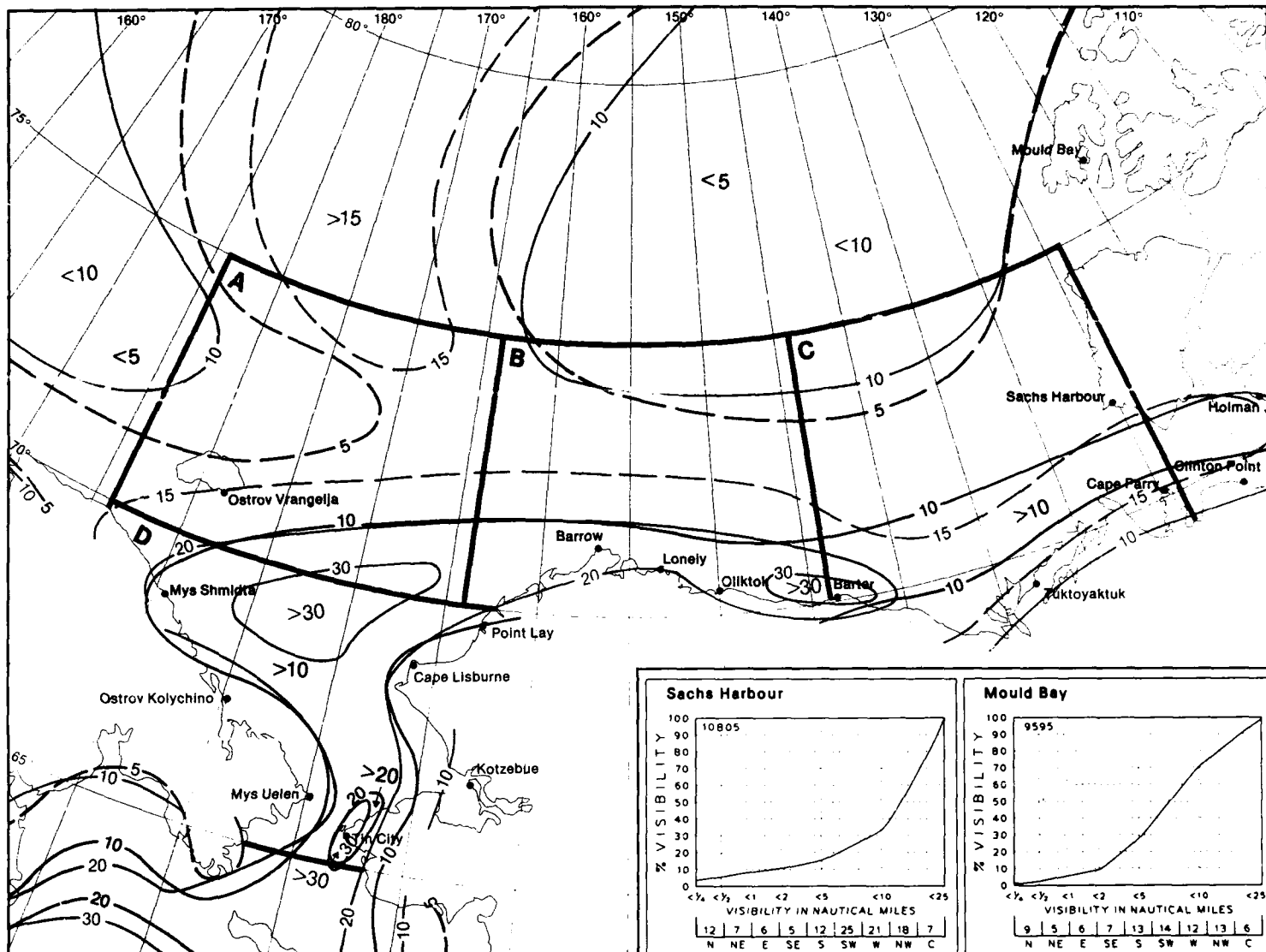
3 Ceiling and Visibility (low range)

April



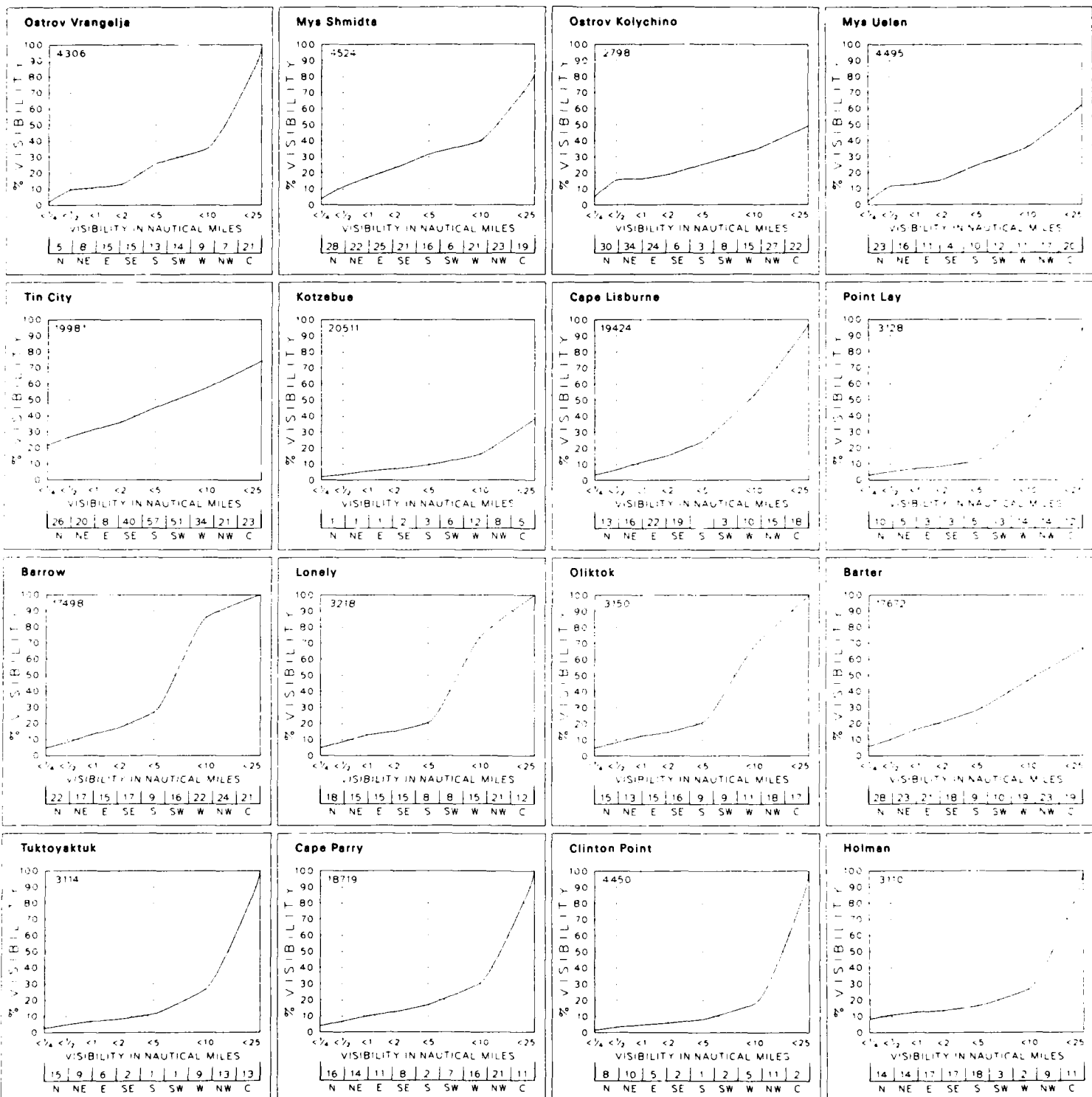
May

3 Visibility and Wind Direction



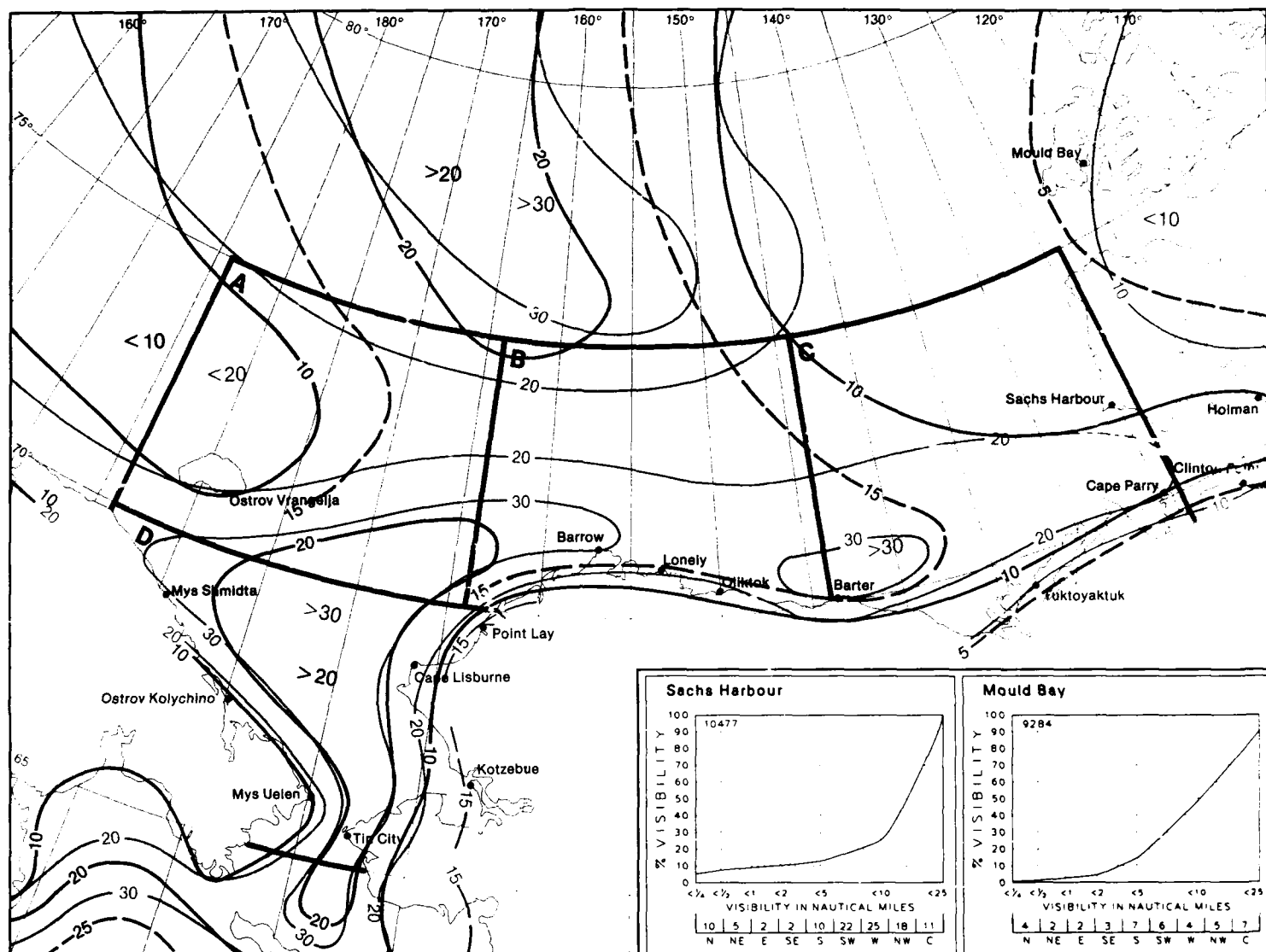
3 Ceiling and Visibility (low range)

May



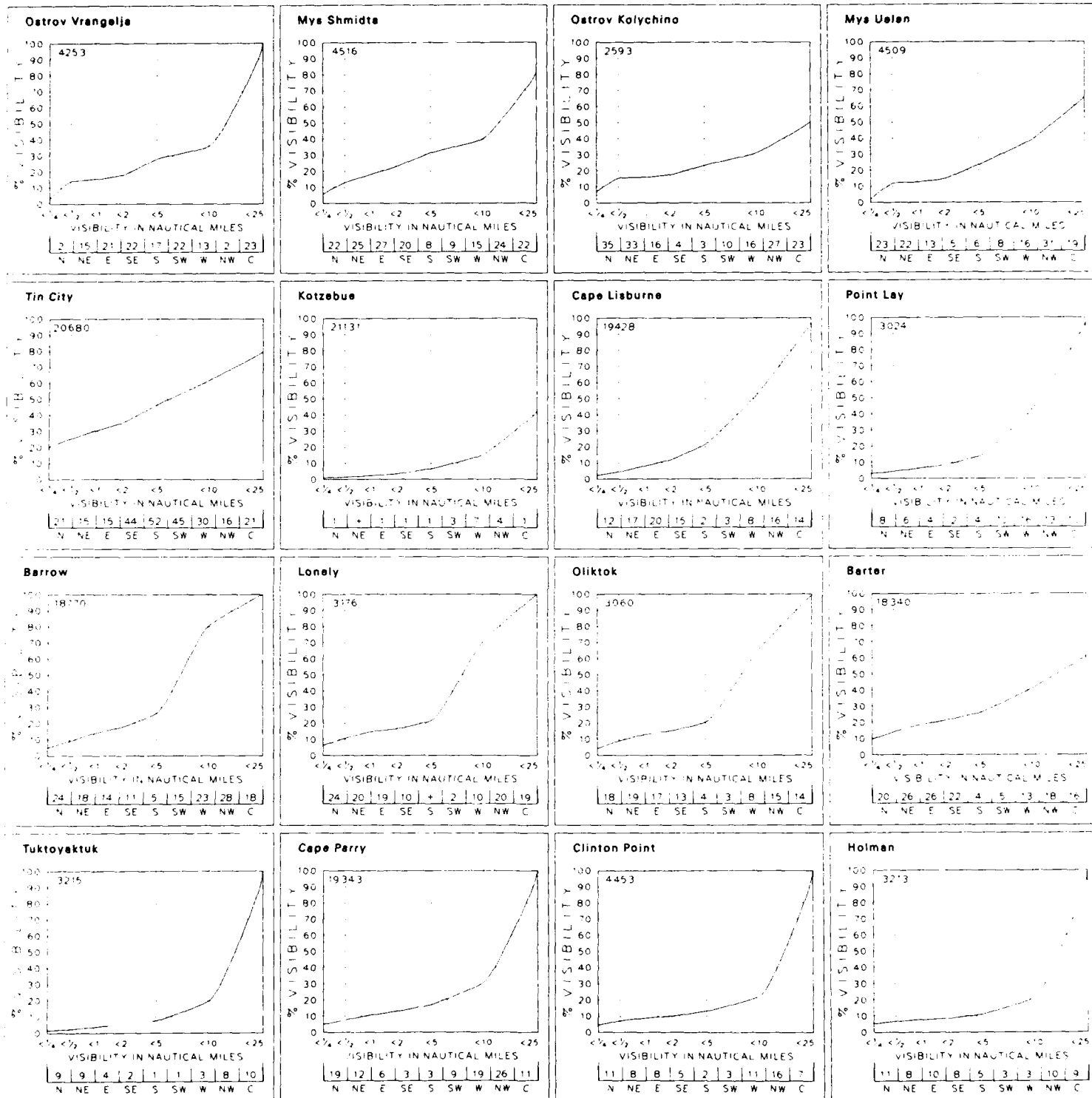
June

3 Visibility and Wind Direction



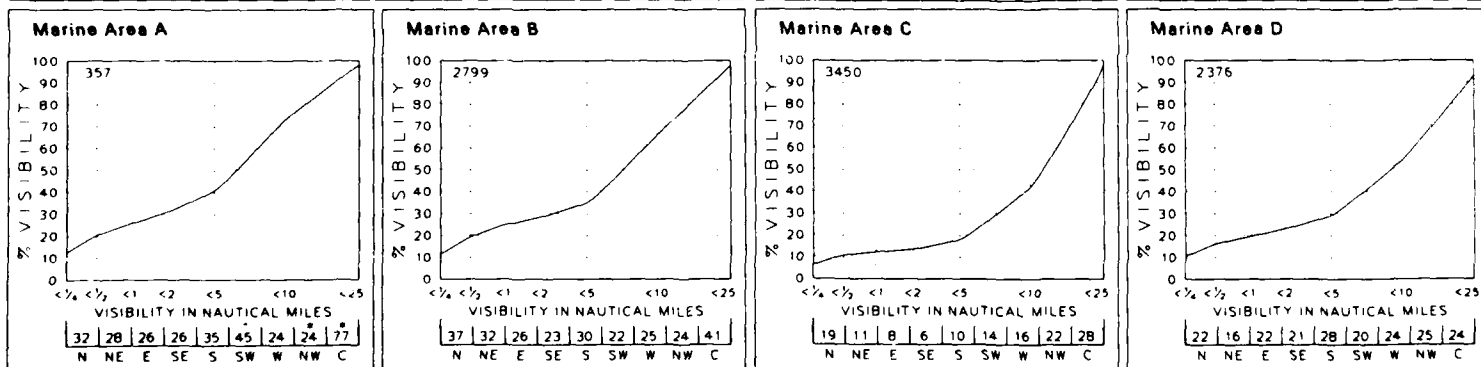
3 Ceiling and Visibility (low range)

June

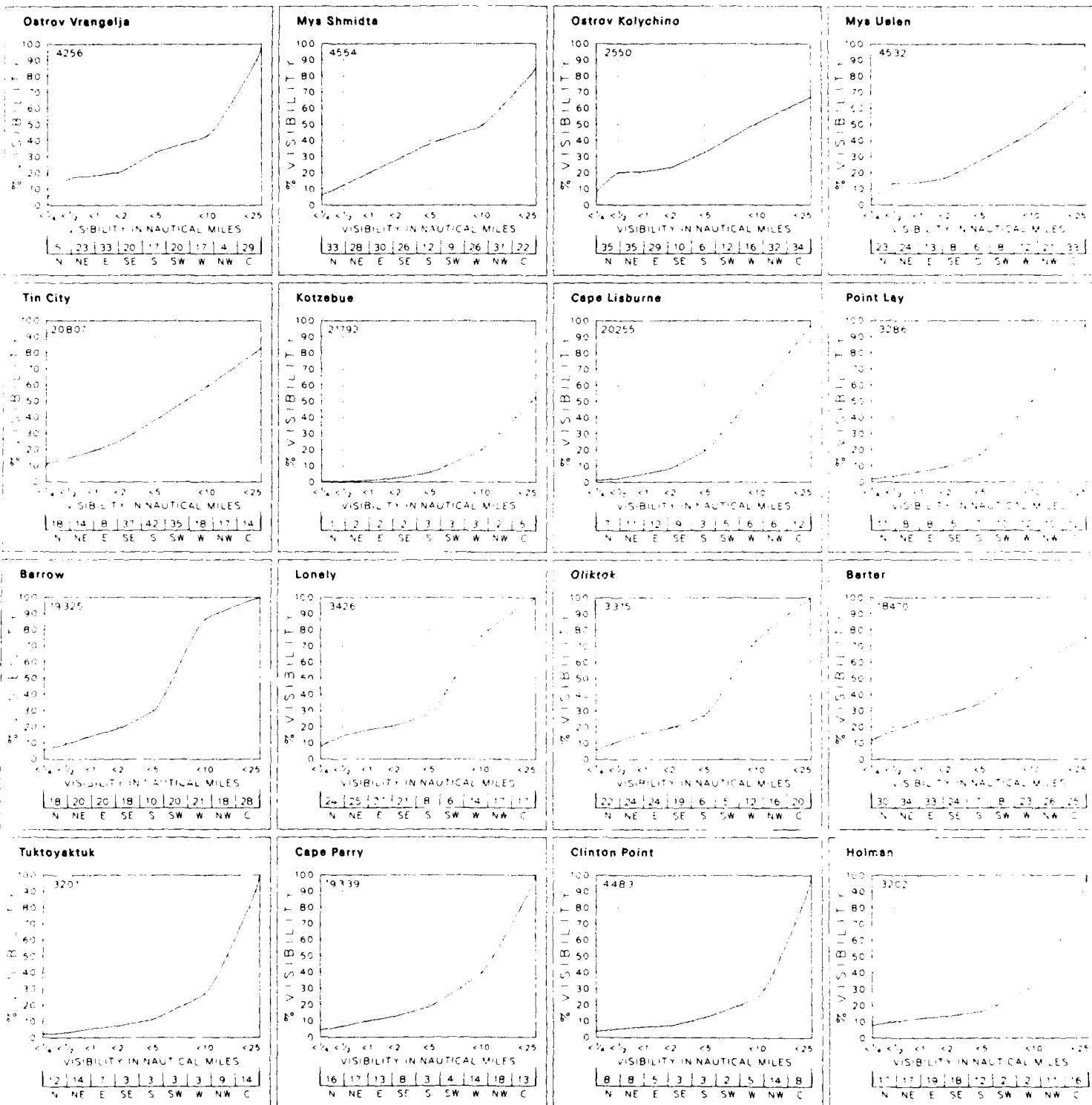


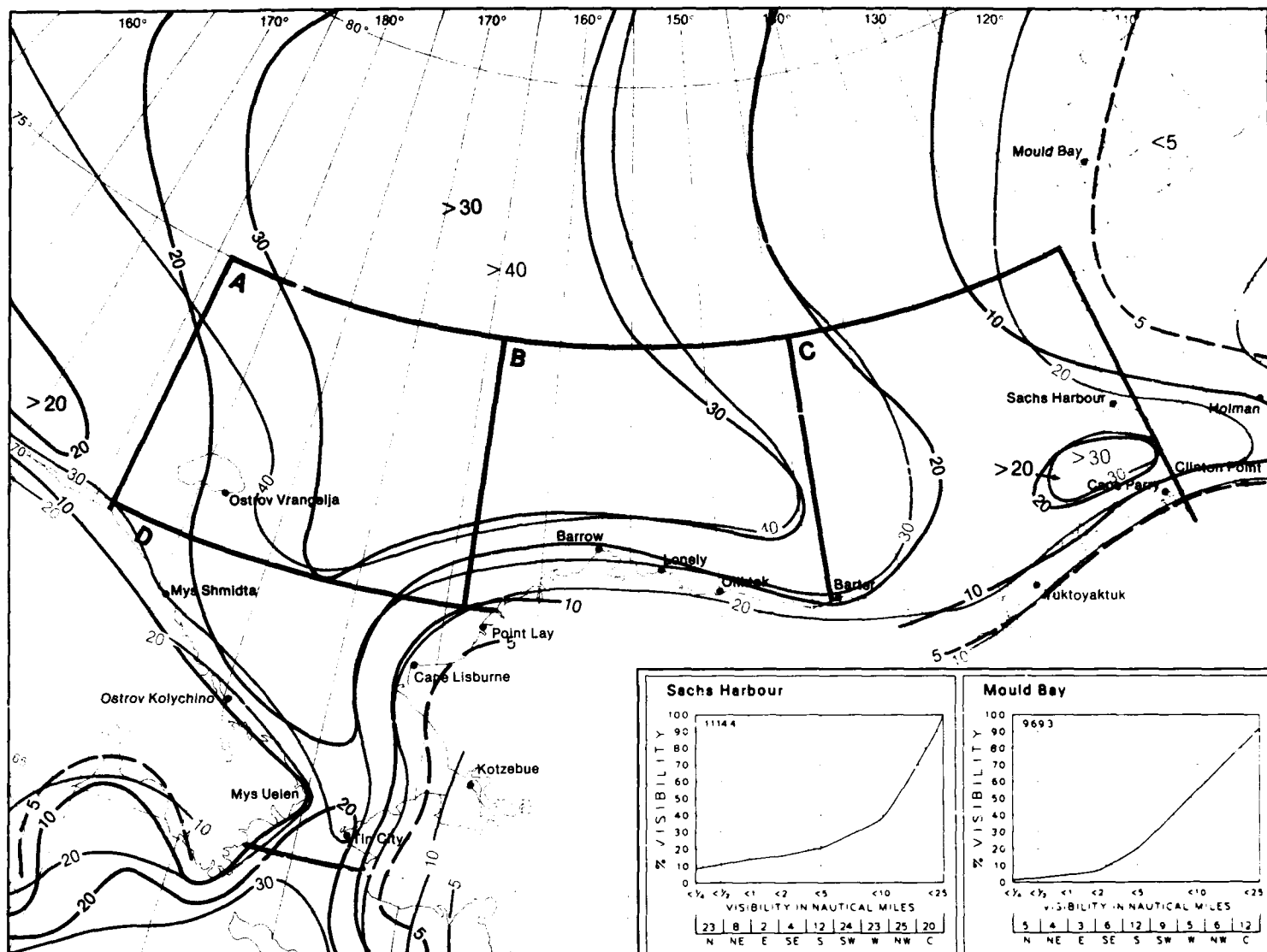
July

3 Visibility and Wind Direction

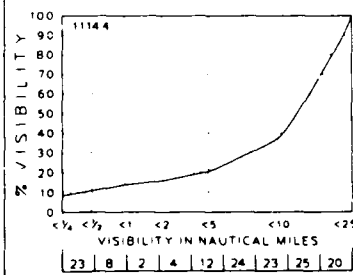


July

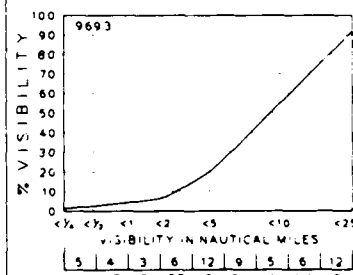




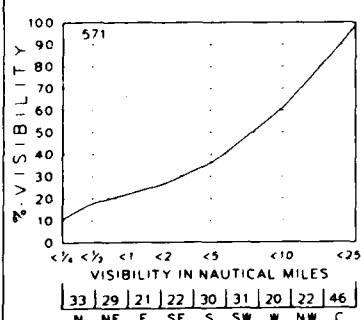
Sachs Harbour



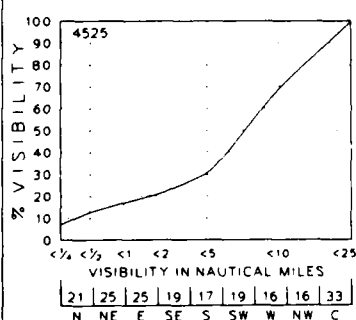
Mould Bay



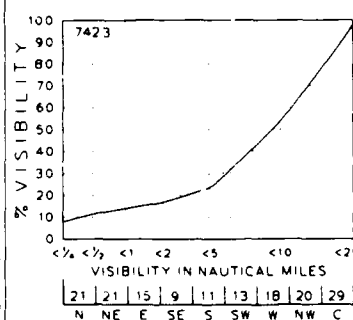
Marine Area A



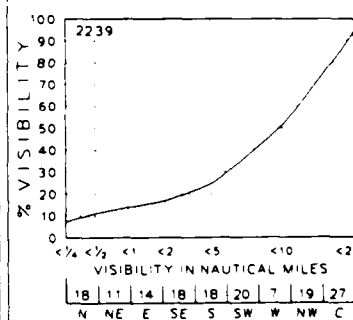
Marine Area B



Marine Area C



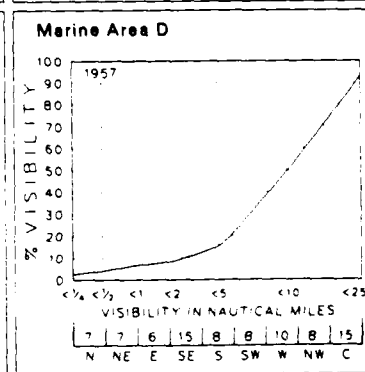
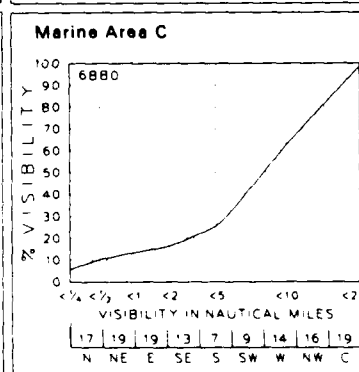
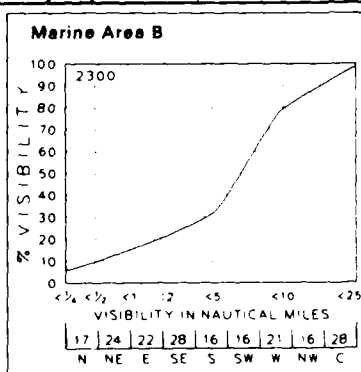
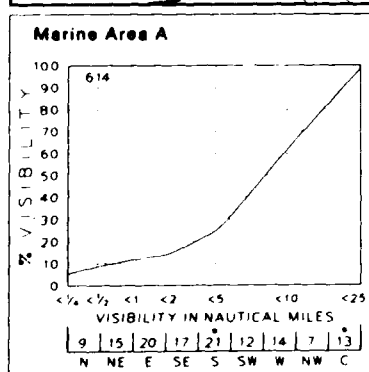
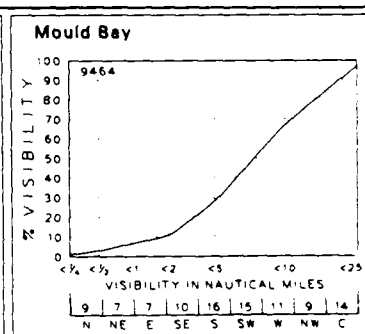
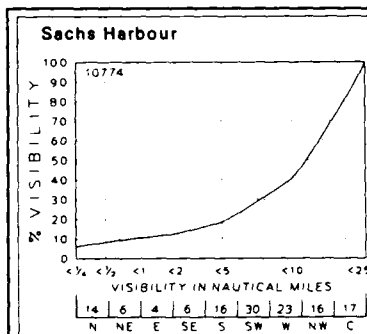
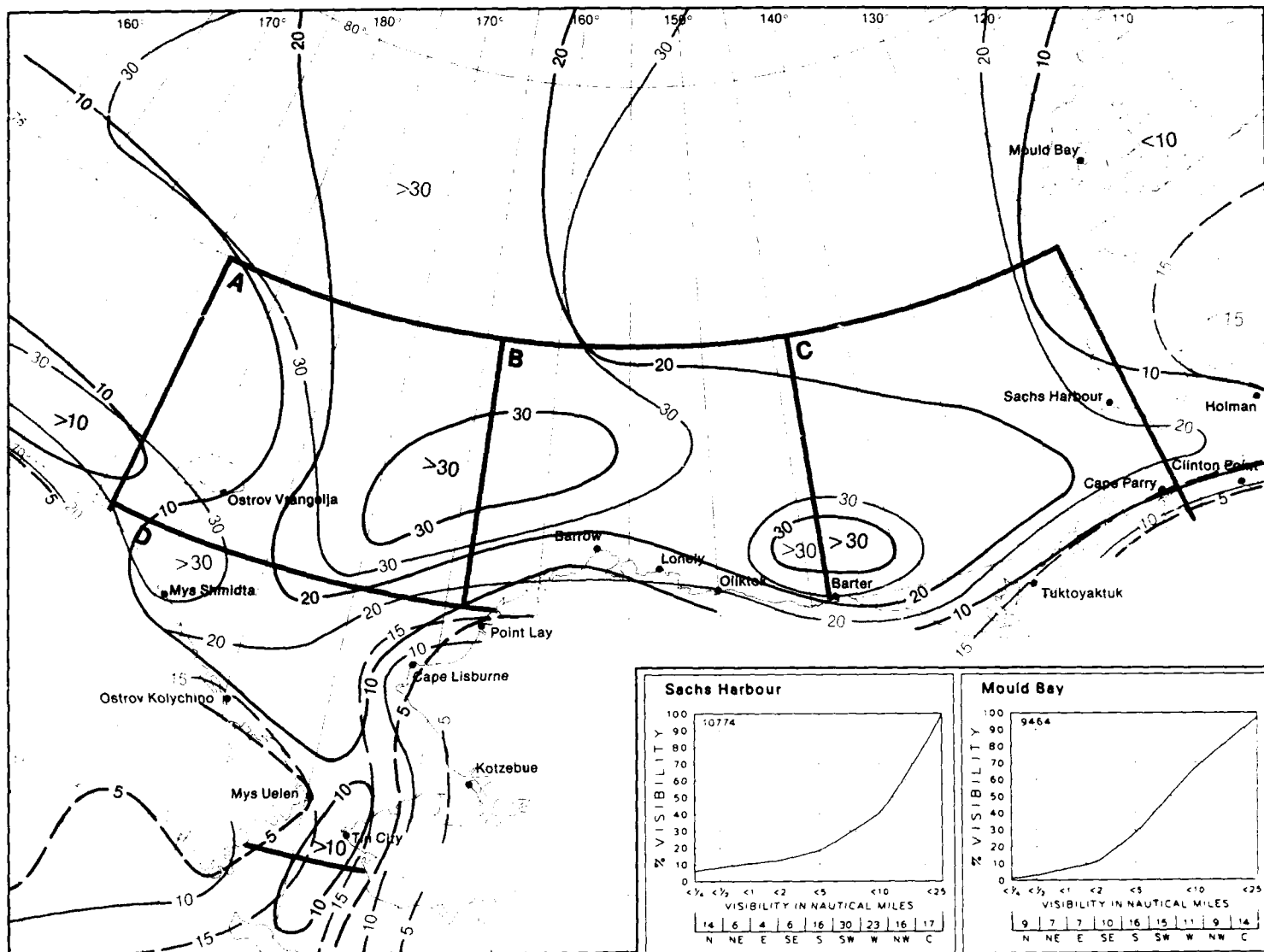
Marine Area D



3 Ceiling and Visibility (low range)

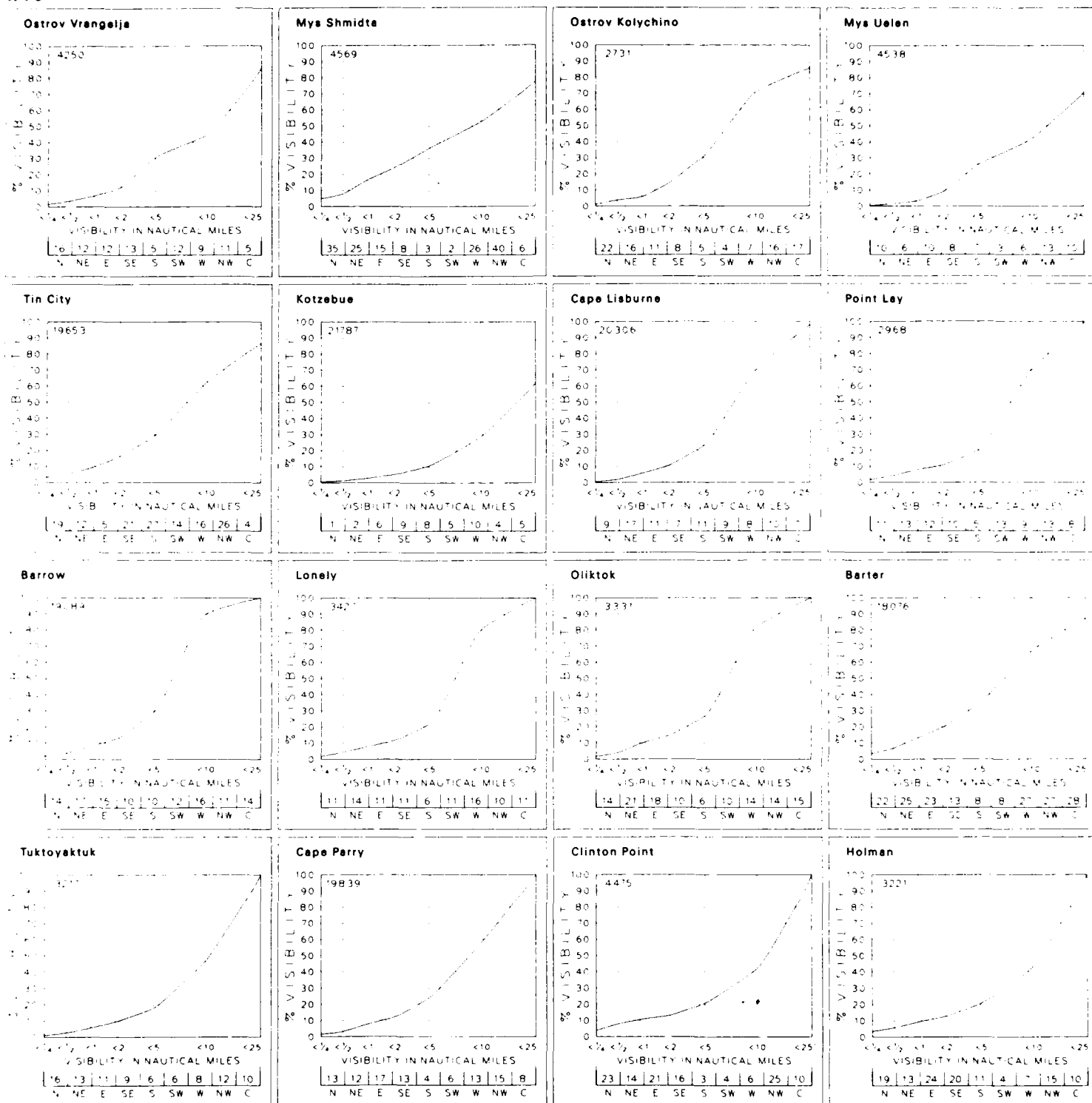
August

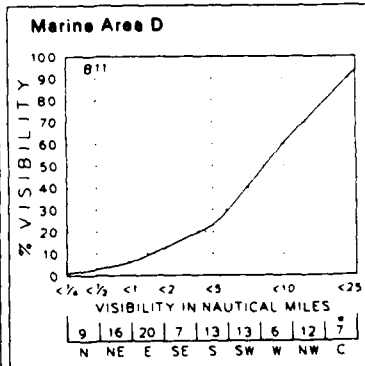
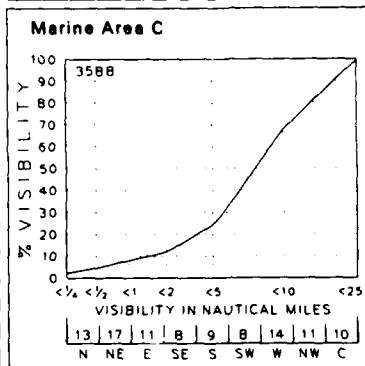
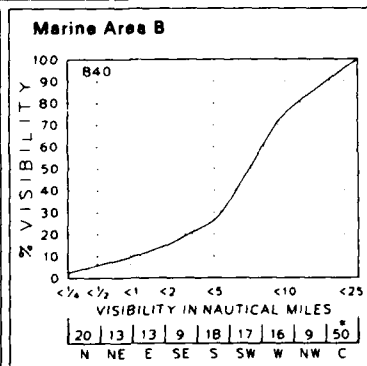
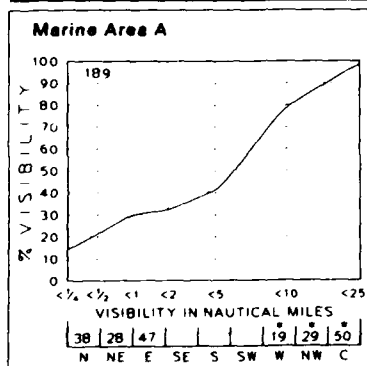
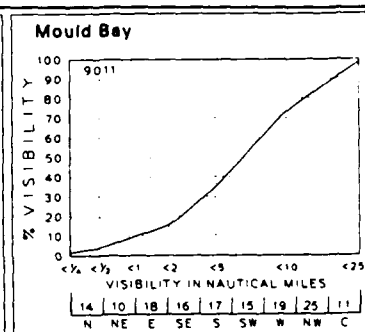
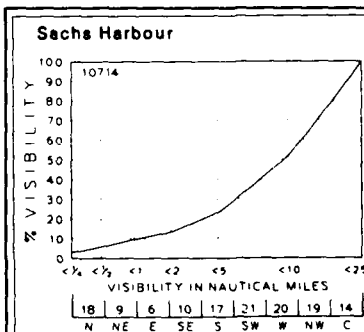
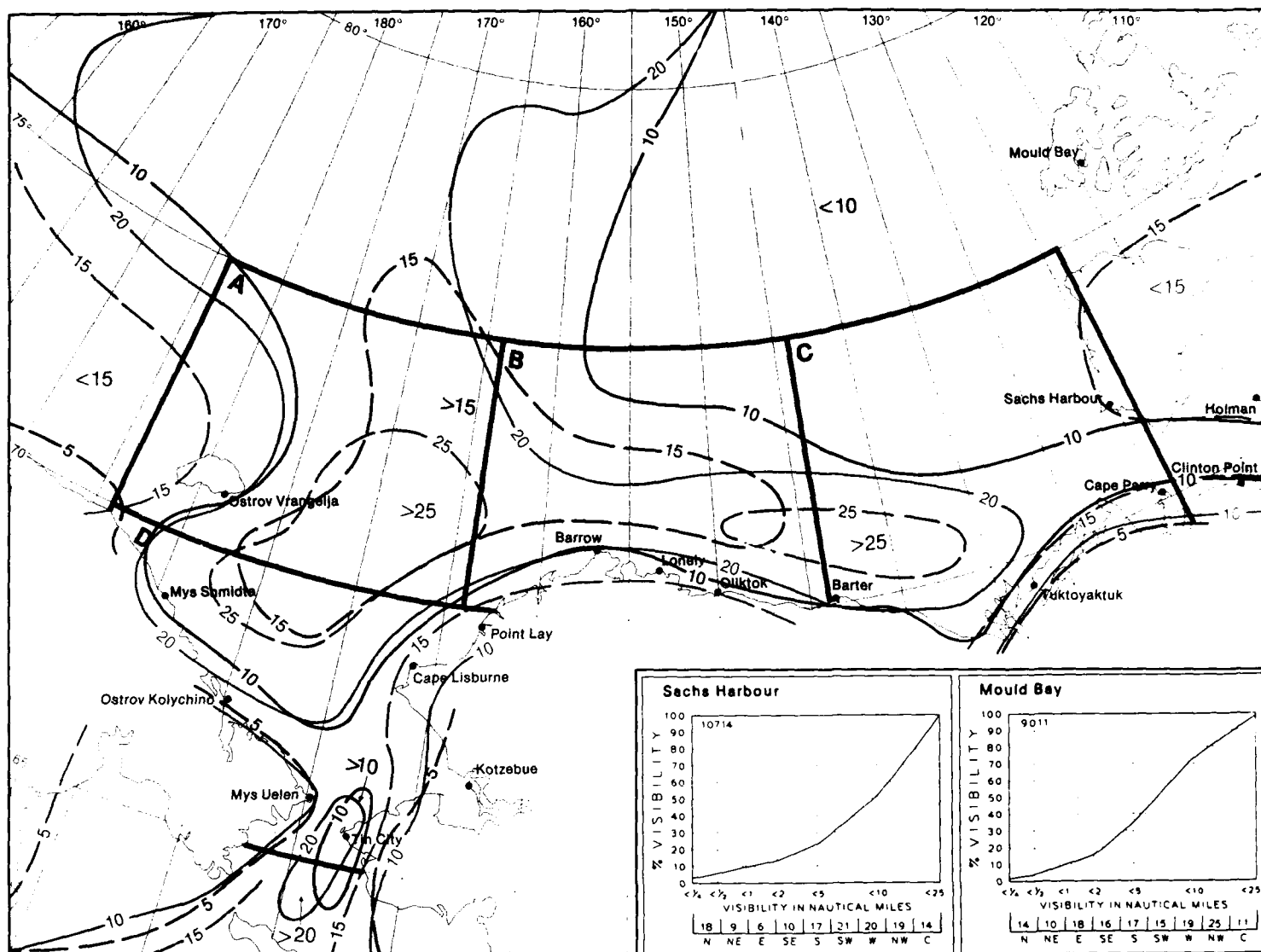




3 Ceiling and Visibility (low range)

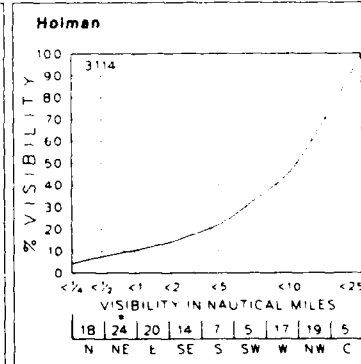
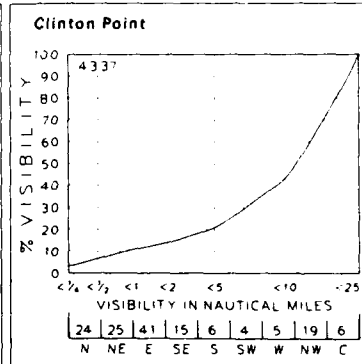
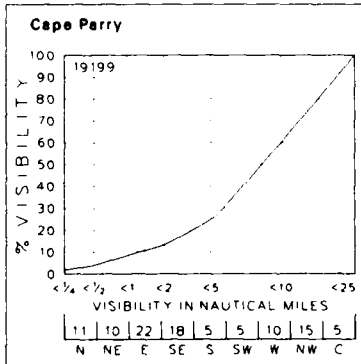
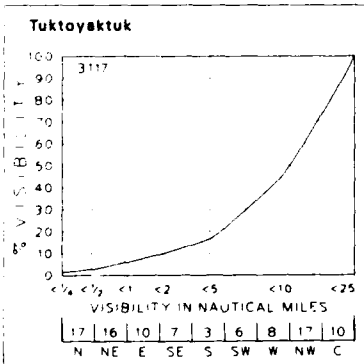
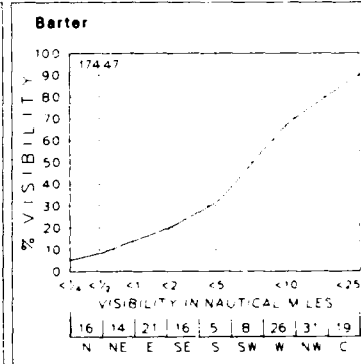
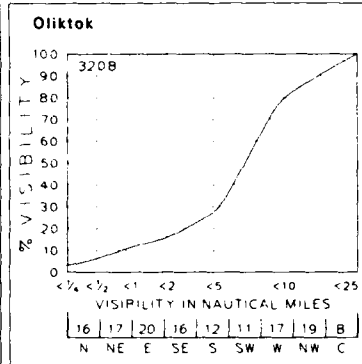
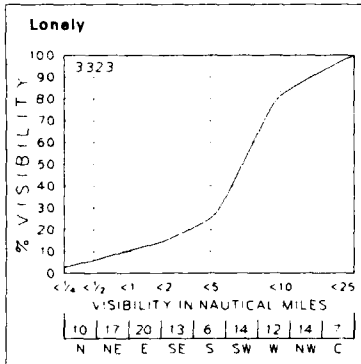
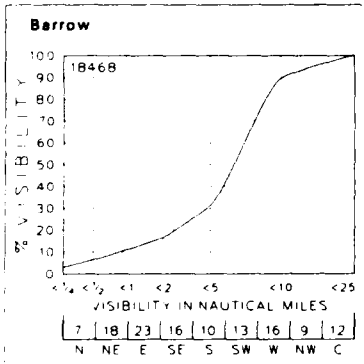
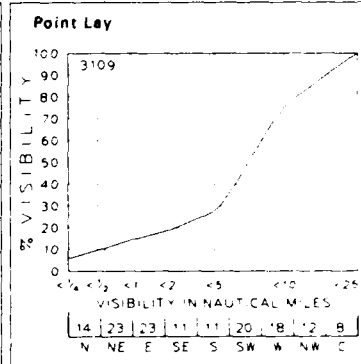
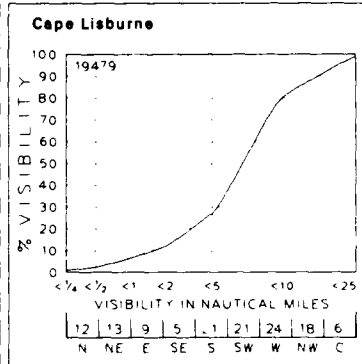
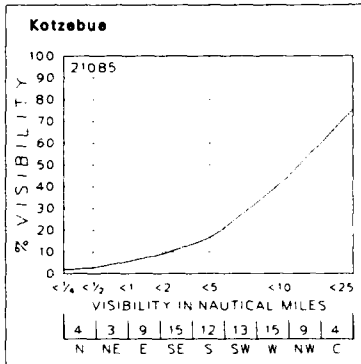
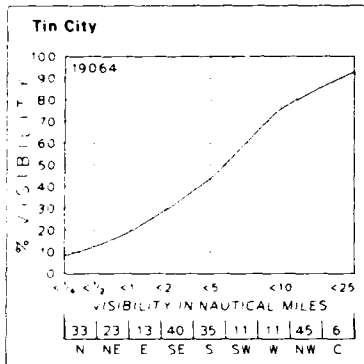
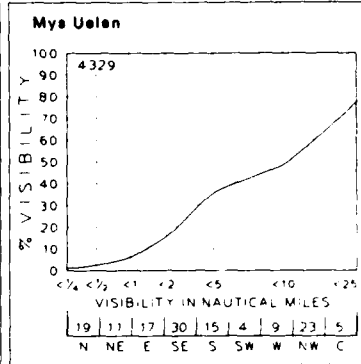
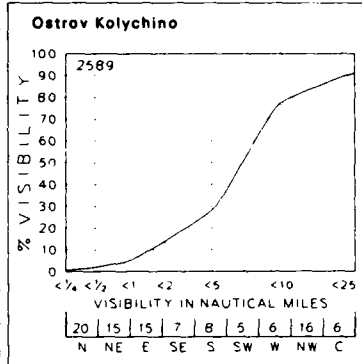
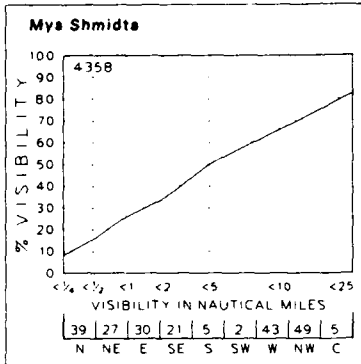
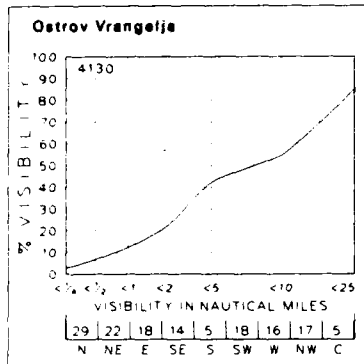
September

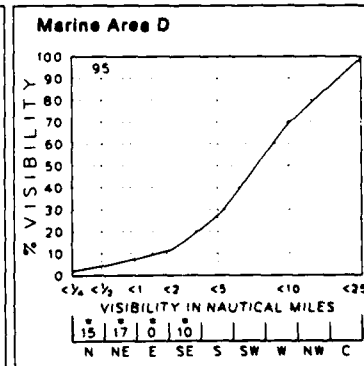
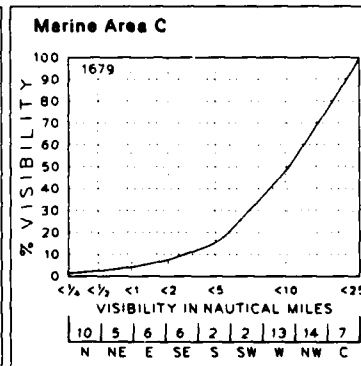
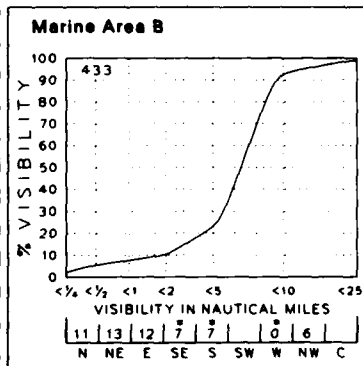
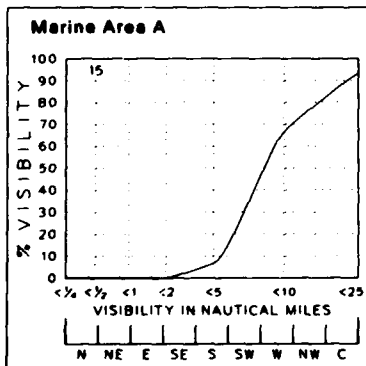
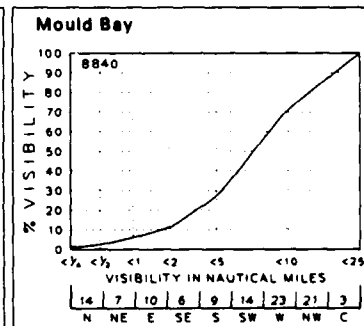
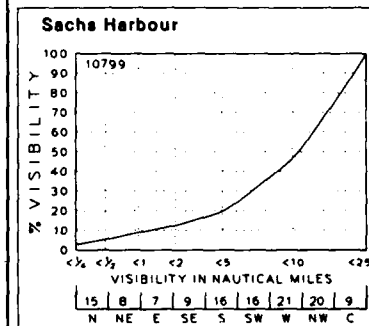
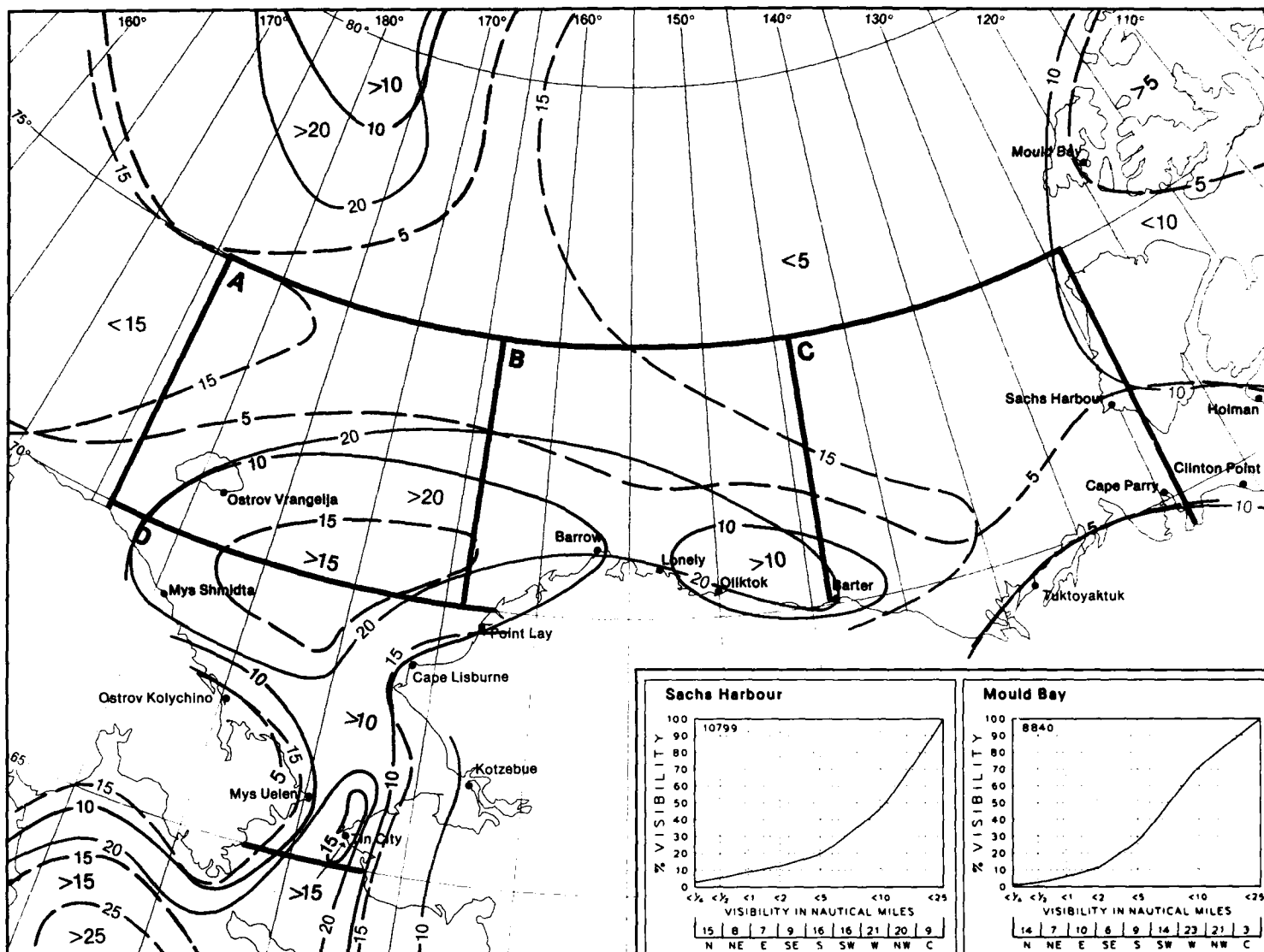




3 Ceiling and Visibility (low range)

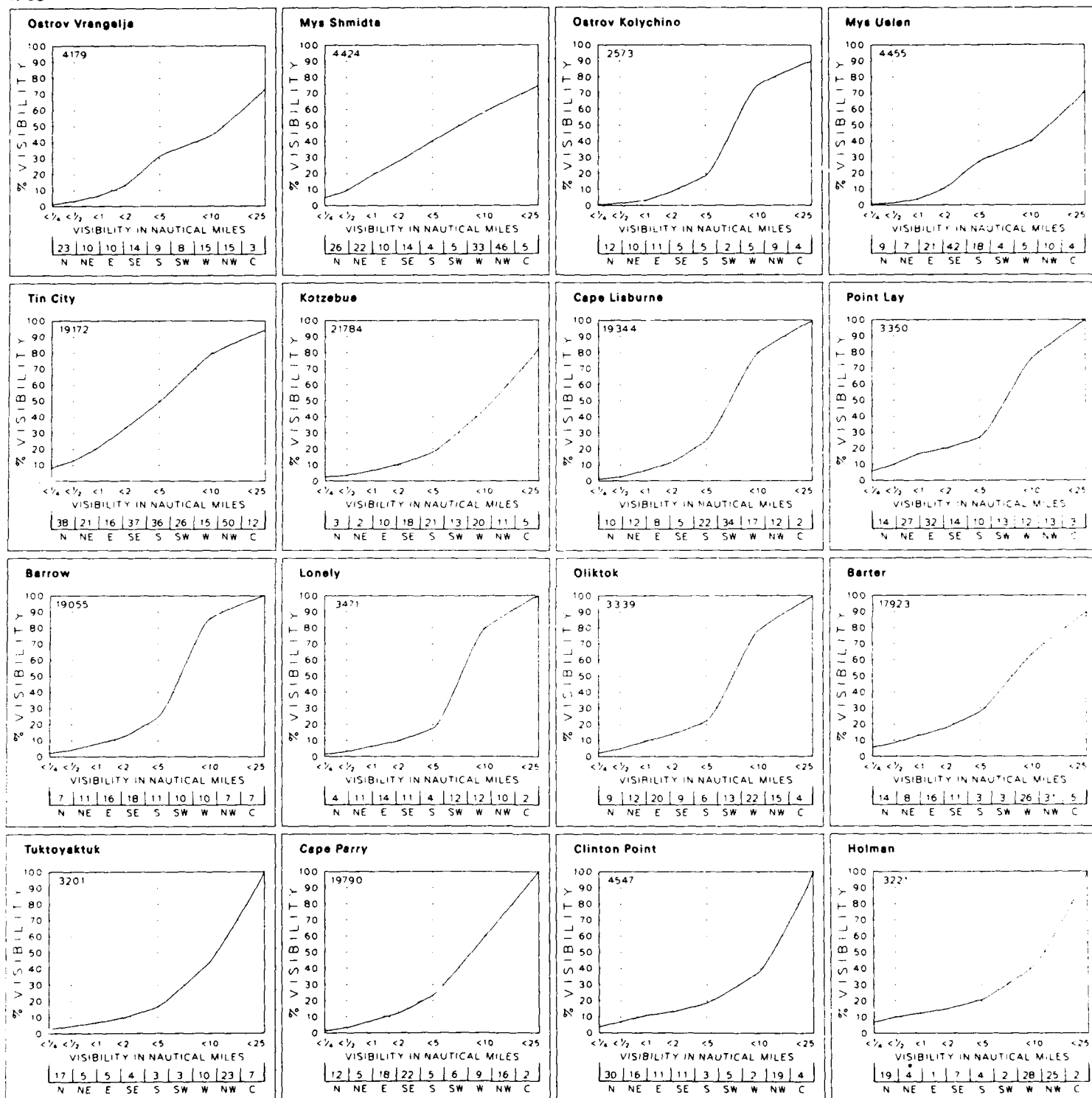
October





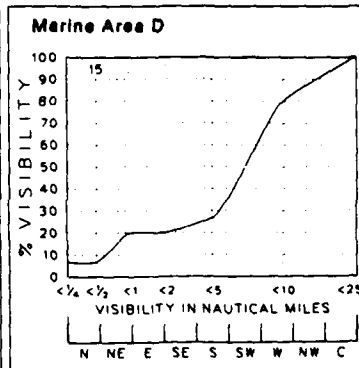
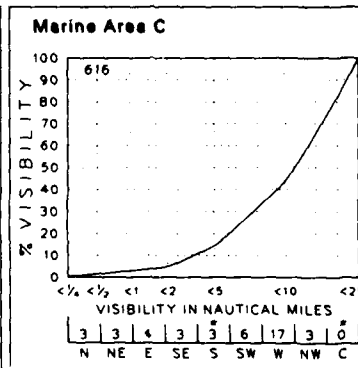
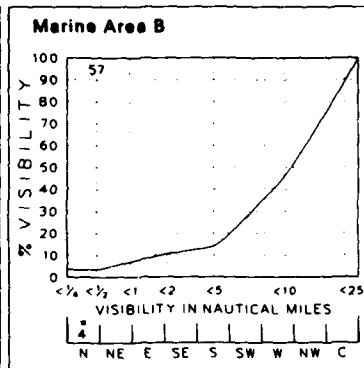
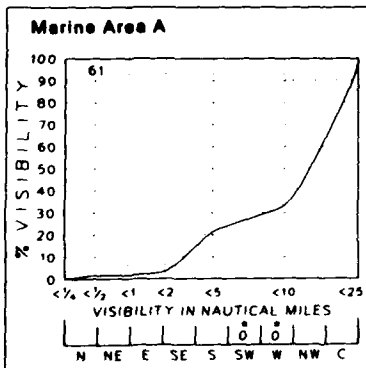
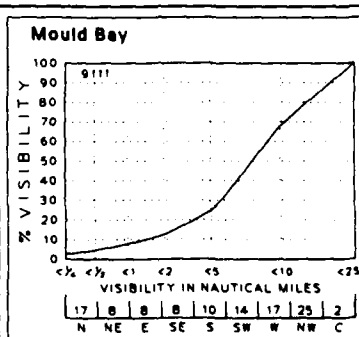
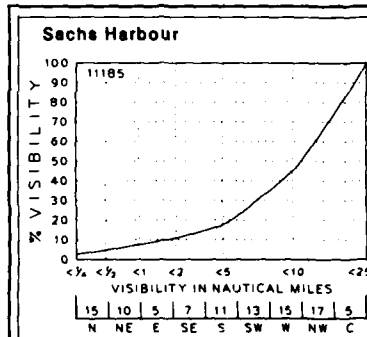
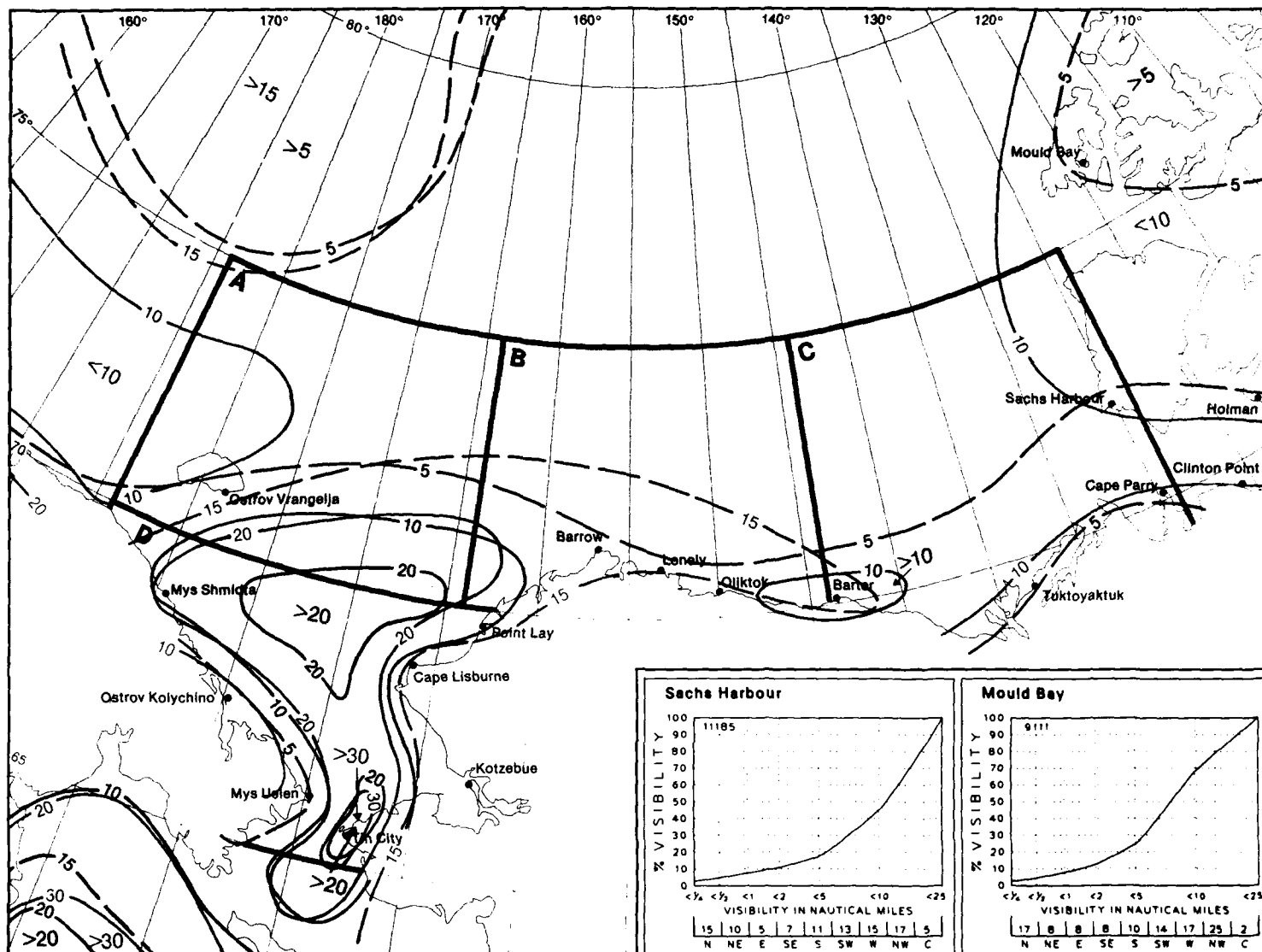
3 Ceiling and Visibility (low range)

November



December

3 Visibility and Wind Direction



3 Ceiling and Visibility (low range)

December

Map 4. Ceiling/visibility (mid range)

BLACK LINE – Percent frequency of low cloud ceiling (LCC) <1000 feet and/or visibility <5 nautical miles.

BLUE LINE – Percent frequency of LCC <8000 feet and/or visibility <10 nautical miles.

Albers Equal-Area Conic Projection

Graphs: Low cloud ceiling/visibility

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | 1659 |
|---|-----------------|------------|----------|----------|-----------|-----|---|
| | <1/2 | 1/2- <1 | 1- <2 | 2- <5 | 5- <10 | ≥10 | |
| NC | + | 0 | + | 2 | 7 | 11 | Percent frequency of simultaneous occurrence of specified low cloud ceiling (hundreds of feet) and visibility (nautical miles). |
| 50<80 | 0 | 0 | + | + | 1 | 1 | |
| 35<50 | + | + | + | 1 | 2 | 3 | Number of observations. |
| 20<35 | 1 | 1 | 2 | 3 | 8 | 11 | Low cloud ceiling heights are estimated from the height of low clouds (h) when low cloud amount (N _h) is ≥5/8. |
| 10<20 | 1 | 3 | 3 | 4 | 8 | 8 | Obscurations are included under ceiling "0<1.5". |
| 6<10 | + | + | 1 | 2 | 1 | 1 | "NC" (no ceiling) includes bases of clouds ≥8000 feet or N _h <5/8. |
| 3<6 | + | + | + | 1 | + | + | |
| 1.5<3 | 0 | 0 | + | 0 | 0 | + | (8% of all observations reported ceiling ≥1000 feet but <2000 feet simultaneously with visibility ≥5 but <10 nautical miles). |
| 0<1.5 | 5 | 2 | 2 | 1 | 2 | + | + indicates <.5% but >0. |

Cloud classification is based upon the cloud appearance and, when possible, the formation process. In estimating the height of the lowest cloud base (h), the observer first determines the type of cloud; and, based on the normal height range for that cloud type, determines the height. Heights are generally higher in the tropics and lower at high latitudes. Similarly, clouds will generally be higher in summer and lower in winter. The appearance of the cloud, such as motion visible in the cloud base and the size of the cloud elements, gives some indication as to how much it is higher or lower than the average. After the observer estimates the height of the base of the lowest cloud in sight, he selects and records the appropriate code (see height table and LCC column in graph). Refer to the texts in Sets 3 and 6 for additional information on clouds.

**HEIGHT (h) ABOVE THE SEA OF THE BASE
OF THE LOWEST CLOUD SEEN
(WMO Code, 1982)**

If sky is clear or has only Cirrus-type clouds, code h as 9.

| Code figs. | Height in meters | Height in feet |
|---------------|-----------------------------|----------------------------|
| 0 | 0 to 49 | 100 or less |
| 1 | 50 to 99 | 200 or 300 |
| 2 | 100 to 199 | 400 to 600 |
| 3 | 200 to 299 | 700 to 900 |
| 4 | 300 to 599 | 1000 to 1900 |
| 5 | 600 to 999 | 2000 to 3200 |
| 6 | 1000 to 1499 | 3300 to 4900 |
| 7 | 1500 to 1999 | 5000 to 6500 |
| 8 | 2000 to 2499 | 6600 to 8200 |
| 9 | 2500 or more, or no clouds | 8300 or more, or no clouds |
| / | Sky obscured by fog or snow | |

Ostrov Vrangelle

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4162 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 3 | 3 | 4 | 11 | 9 | 46 | |
| 50<80 | + | + | + | + | + | + | |
| 35<50 | + | + | + | + | + | + | |
| 20<35 | + | + | 1 | 2 | 1 | 1 | |
| 10<20 | + | + | 1 | 3 | 1 | 2 | |
| 6<10 | 0 | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 1 | + | 0 | 0 | 0 | + | |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4693 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|---|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 5 | 6 | 6 | 10 | 14 | 34 | |
| 50<80 | + | + | + | + | 1 | 1 | + |
| 35<50 | + | + | + | + | 1 | 1 | + |
| 20<35 | 1 | 1 | 1 | 2 | 1 | 1 | |
| 10<20 | 1 | 2 | 2 | 2 | 1 | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | + | + | + | 0 | 0 | |
| 0<1.5 | 2 | + | + | 0 | 0 | 0 | |

Ostrov Kolychino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2890 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 1 | 1 | 3 | 7 | 43 | 22 | |
| 50<80 | + | + | 1 | 2 | 2 | 1 | |
| 35<50 | 0 | + | + | 0 | + | + | |
| 20<35 | 0 | + | + | 1 | 3 | 1 | |
| 10<20 | + | + | 2 | 2 | 2 | + | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | 0 | 0 | + | 0 | 0 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 1 | + | + | + | 0 | + | |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4678 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | + | + | 3 | 7 | 5 | 45 | |
| 50<80 | 0 | + | + | + | + | + | |
| 35<50 | 0 | + | + | + | + | + | |
| 20<35 | + | + | 1 | 2 | 1 | 4 | |
| 10<20 | 1 | 1 | 5 | 9 | 4 | 4 | |
| 6<10 | + | + | 1 | 1 | + | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | 0 | 0 | + | + | 0 | 0 | |
| 0<1.5 | 1 | 0 | 0 | + | + | + | |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3889 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 5 | 5 | 4 | 7 | 14 | 17 | |
| 50<80 | + | + | + | + | 1 | 1 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | 1 | 1 | 1 | 2 | 2 | 1 | |
| 10<20 | 1 | 1 | 1 | 2 | 2 | 1 | |
| 6<10 | + | + | 1 | 2 | 2 | + | |
| 3<6 | + | 1 | + | 1 | 1 | + | |
| 1.5<3 | + | 0 | + | 0 | + | 0 | |
| 0<1.5 | 13 | 1 | 1 | + | 0 | 0 | |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15508 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 1 | 1 | 1 | 3 | 9 | 52 | |
| 50<80 | + | + | + | + | 1 | 2 | |
| 35<50 | + | + | + | + | 2 | 2 | |
| 20<35 | + | + | 1 | 2 | 3 | 3 | |
| 10<20 | + | + | 1 | 2 | 2 | 1 | |
| 6<10 | + | + | + | + | 1 | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | + | + | + | + | + | |
| 0<1.5 | 3 | 2 | 1 | + | + | + | |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3126 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 1 | 2 | 1 | 3 | 16 | 31 | |
| 50<80 | 0 | + | + | 1 | 3 | 1 | |
| 35<50 | 0 | + | + | + | 1 | 1 | |
| 20<35 | + | 1 | 1 | 3 | 7 | 3 | |
| 10<20 | + | 1 | 2 | 4 | 7 | 3 | |
| 6<10 | 0 | + | + | 1 | 1 | 1 | |
| 3<6 | 0 | + | 0 | + | + | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 1 | 2 | 1 | + | 0 | 0 | |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3321 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 7 | 2 | 2 | 4 | 28 | 20 | |
| 50<80 | + | + | + | + | 2 | + | |
| 35<50 | 0 | 0 | + | 0 | + | + | |
| 20<35 | + | + | + | 1 | 4 | 1 | |
| 10<20 | 2 | 1 | 1 | 4 | 9 | 2 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | + | 0 | 0 | + | 0 | 0 | |
| 0<1.5 | 5 | + | + | + | 0 | + | |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14644 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 2 | 2 | 3 | 6 | 42 | 11 | |
| 50<80 | + | + | + | 1 | 4 | + | |
| 35<50 | + | + | + | + | 1 | + | |
| 20<35 | + | + | + | 1 | 4 | + | |
| 10<20 | 1 | 1 | 1 | 2 | 5 | + | |
| 6<10 | + | + | + | 1 | 2 | + | |
| 3<6 | + | + | + | 1 | 1 | + | |
| 1.5<3 | + | + | + | + | + | 0 | |
| 0<1.5 | 3 | 1 | + | + | + | 0 | |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3372 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 2 | 2 | 2 | 3 | 40 | 20 | |
| 50<80 | + | + | + | 1 | 2 | 1 | |
| 35<50 | + | 0 | 0 | + | 1 | + | |
| 20<35 | + | + | + | 1 | 4 | 1 | |
| 10<20 | 1 | 1 | 1 | 2 | 7 | 1 | |
| 6<10 | + | + | + | + | 1 | + | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | + | + | + | + | + | 0 | |
| 0<1.5 | 2 | 1 | + | + | + | 0 | |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3284 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 4 | 3 | 2 | 5 | 38 | 17 | |
| 50<80 | + | + | + | + | 2 | 1 | |
| 35<50 | 0 | 0 | 0 | + | 1 | + | |
| 20<35 | + | + | + | 1 | 4 | 1 | |
| 10<20 | 1 | 1 | 1 | 2 | 8 | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | + | + | 0 | 0 | + | 0 | |
| 0<1.5 | 4 | 1 | + | + | + | 0 | |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15276 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 5 | 3 | 2 | 4 | 19 | 34 | |
| 50<80 | 1 | + | + | 1 | 3 | 2 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | 1 | 1 | 1 | 2 | 3 | 1 | |
| 10<20 | 1 | 1 | 1 | 1 | 3 | 1 | |
| 6<10 | + | + | + | + | 1 | + | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | + | + | + | + | + | 0 | |
| 0<1.5 | 5 | 1 | + | + | + | 0 | |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3029 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | + | + | 1 | 2 | 18 | 48 | |
| 50<80 | + | + | + | + | 2 | 2 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | + | + | + | 1 | 4 | 3 | |
| 10<20 | + | 1 | 1 | 1 | 4 | 1 | |
| 6<10 | 0 | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | 0 | 0 | 0 | + | + | |
| 0<1.5 | 2 | 1 | + | + | + | 0 | |

Cape Parry

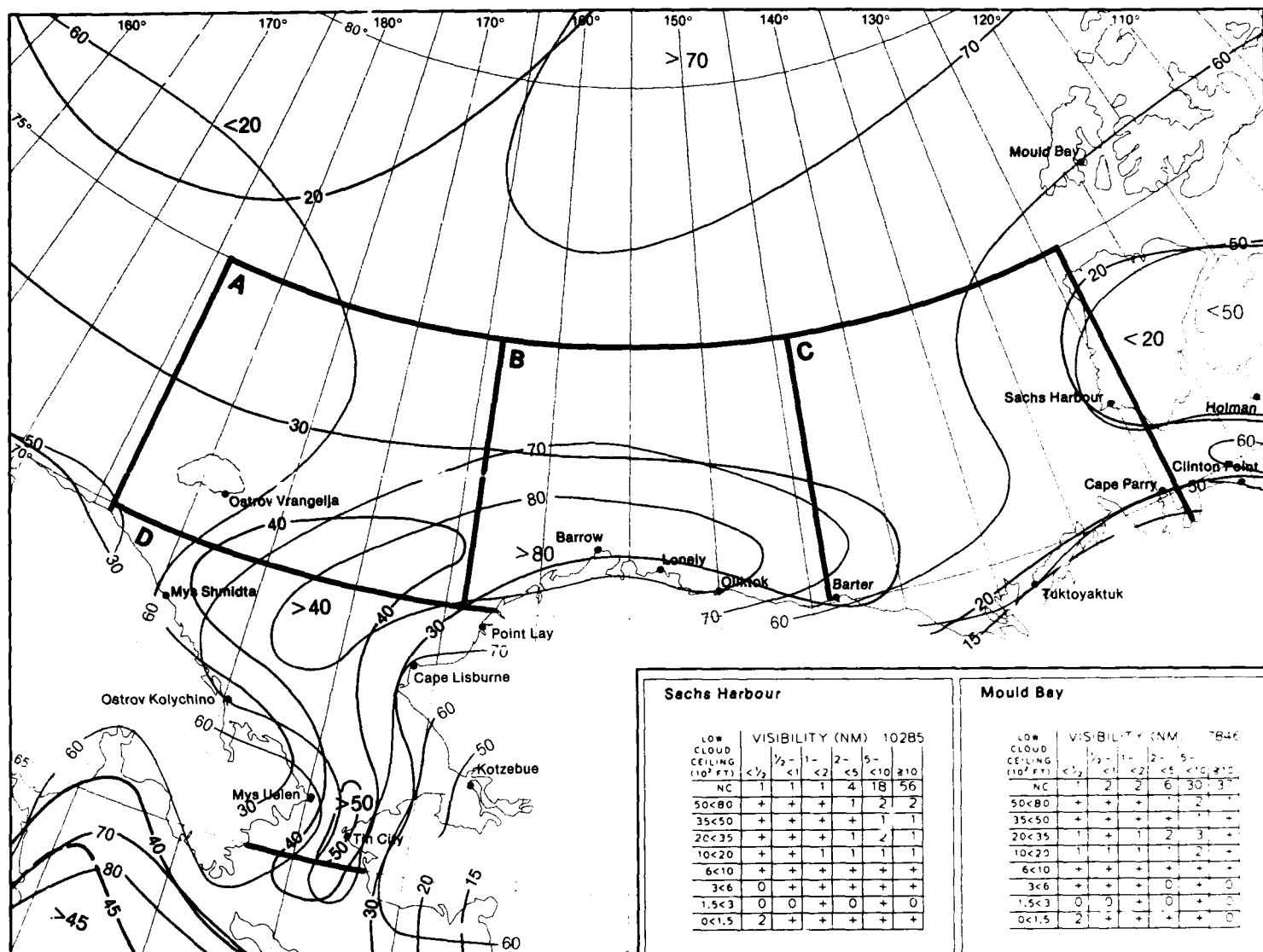
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 18239 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 1 | 1 | 2 | 6 | 28 | 42 | |
| 50<80 | + | + | + | 1 | 2 | 1 | |
| 35<50 | + | + | + | 1 | 1 | 1 | |
| 20<35 | + | + | 1 | 1 | 2 | 1 | |
| 10<20 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | 0 | + | + | + | + | 0 | |
| 0<1.5 | 2 | + | + | + | + | + | |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4263 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 1 | 1 | + | 3 | 10 | 61 | |
| 50<80 | + | + | + | + | 2 | 2 | |
| 35<50 | + | + | + | + | 2 | 1 | |
| 20<35 | 1 | 1 | + | 1 | 4 | 2 | |
| 10<20 | 1 | 1 | + | 1 | 1 | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | 0 | + | + | + | |
| 1.5<3 | + | 0 | 0 | 0 | + | + | |
| 0<1.5 | + | + | + | 0 | + | 0 | |

Holman

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2924 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 2 | + | + | 1 | 9 | 57 | |
| 50<80 | + | + | + | + | 2 | 3 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | 1 | + | + | 1 | 4 | 3 | |
| 10<20 | 1 | 1 | 1 | 2 | 3 | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | 0 | 0 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 4 | + | + | + | + | 0 | |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 10285 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 1 | 1 | 1 | 4 | 18 | 56 | |
| 50<80 | + | + | + | 1 | 2 | 2 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | + | + | + | 1 | 1 | 1 | |
| 10<20 | + | + | 1 | 1 | 1 | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | 0 | + | + | + | + | + | |
| 1.5<3 | 0 | 0 | + | 0 | + | 0 | |
| 0<1.5 | 2 | + | + | + | + | + | |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 7846 | | | | | | |
|--|----------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 1 | 2 | 2 | 6 | 30 | 3 | |
| 50<80 | + | + | + | + | 2 | 1 | |
| 35<50 | + | + | + | + | + | + | |
| 20<35 | 1 | + | 1 | 2 | 3 | + | |
| 10<20 | 1 | 1 | 1 | 1 | 2 | + | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | 0 | + | 0 | |
| 1.5<3 | 0 | 0 | + | 0 | + | 0 | |
| 0<1.5 | 2 | + | + | + | + | 0 | |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 111 | | | | | | |
|--|---------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 0 | 0 | 1 | 3 | 5 | 53 | |
| 50<80 | 0 | 0 | 0 | 0 | 1 | 6 | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20<35 | 1 | 1 | 1 | 6 | 3 | 5 | |
| 10<20 | 0 | 1 | 2 | 4 | 1 | 5 | |
| 6<10 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 3<6 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 0 | 0 | 0 | 0 | 0 | 0 | |

Marine Area B

No Data Available

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 316 | | | | | | |
|--|---------------------|-------|-----|-----|------|-----|--|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 | |
| NC | 2 | 1 | 1 | 1 | 17 | 62 | |
| 50<80 | 0 | 0 | 0 | 1 | 2 | 1 | |
| 35<50 | 0 | 0 | 0 | + | 0 | 0 | |
| 20<35 | 0 | + | 0 | 1 | 3 | + | |
| 10<20 | + | 0 | 0 | 2 | 3 | 1 | |
| 6<10 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3<6 | 0 | 0 | 0 | + | 0 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 2 | 1 | 0 | + | + | 0 | |

Marine Area D

No Data Available

4 Ceiling and Visibility (mid range)

January

Ostrov Vrangelsja

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3893 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 3 | 2 | 3 | 10 | 10 | 56 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | + | + | + | 1 | + | 1 |
| 20<35 | 1 | + | + | 2 | 1 | 1 |
| 10<20 | + | + | 1 | 2 | 1 | 1 |
| 6<10 | + | + | + | 1 | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 1 | 0 | + | + | 0 | + |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4354 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 7 | 9 | 7 | 9 | 14 | 39 |
| 50<80 | + | + | + | + | 1 | + |
| 35<50 | + | + | + | + | + | + |
| 20<35 | 1 | + | 1 | 2 | 1 | 1 |
| 10<20 | 1 | 1 | 1 | 1 | + | + |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | 0 | + | + | 0 |
| 0<1.5 | 1 | + | + | 0 | 0 | 0 |

Ostrov Kolychino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2774 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | 1 | 3 | 7 | 40 | 28 |
| 50<80 | + | 1 | 2 | 2 | 2 | 1 |
| 35<50 | + | + | + | + | + | + |
| 20<35 | + | + | + | 1 | 3 | 1 |
| 10<20 | + | + | 1 | 2 | 1 | + |
| 6<10 | 0 | + | + | + | 0 | + |
| 3<6 | 0 | 0 | + | + | 0 | + |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | + | + | + | 0 | 0 | 0 |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4347 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | 1 | 3 | 8 | 9 | 50 |
| 50<80 | 0 | 0 | + | 0 | + | + |
| 35<50 | + | 0 | + | + | + | + |
| 20<35 | + | + | 1 | 2 | 1 | 2 |
| 10<20 | 1 | 1 | 4 | 7 | 3 | 3 |
| 6<10 | + | + | + | 1 | + | + |
| 3<6 | 0 | + | + | + | + | + |
| 1.5<3 | 0 | 0 | + | + | 0 | 0 |
| 0<1.5 | 1 | 0 | 0 | 0 | 0 | 0 |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3597 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 8 | 4 | 5 | 10 | 16 | 21 |
| 50<80 | 0 | + | + | + | + | 1 |
| 35<50 | + | + | + | + | 1 | 1 |
| 20<35 | 1 | 1 | 1 | 2 | 1 | 1 |
| 10<20 | 1 | 1 | 1 | 2 | 1 | 1 |
| 6<10 | + | 1 | 1 | 1 | 2 | + |
| 3<6 | + | + | + | 1 | + | + |
| 1.5<3 | 0 | + | + | + | + | 0 |
| 0<1.5 | 9 | 1 | + | + | 0 | 0 |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 13959 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 1 | 3 | 9 | 53 |
| 50<80 | + | + | + | + | 1 | 2 |
| 35<50 | + | + | + | 1 | 1 | 2 |
| 20<35 | + | + | 1 | 2 | 3 | 3 |
| 10<20 | + | + | 1 | 2 | 2 | 2 |
| 6<10 | + | + | + | + | 1 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | + | 0 | + | + | + |
| 0<1.5 | 2 | 1 | 1 | + | + | + |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3958 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 2 | 1 | 3 | 17 | 44 |
| 50<80 | + | 0 | + | + | 1 | 1 |
| 35<50 | + | + | 0 | + | 1 | 1 |
| 20<35 | + | 1 | 1 | 2 | 5 | 3 |
| 10<20 | + | 1 | 1 | 2 | 5 | 1 |
| 6<10 | 0 | + | + | 1 | + | + |
| 3<6 | 0 | 0 | + | + | + | 0 |
| 1.5<3 | 0 | 0 | 0 | + | + | 0 |
| 0<1.5 | 2 | 1 | + | + | 0 | 0 |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 302 | | | | | |
|--|---------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 6 | 4 | 2 | 4 | 33 | 20 |
| 50<80 | + | + | + | + | 2 | + |
| 35<50 | 0 | 0 | 0 | + | 1 | + |
| 20<35 | + | + | + | 1 | 4 | + |
| 10<20 | 2 | 1 | 1 | 3 | 8 | + |
| 6<10 | + | + | + | + | + | 0 |
| 3<6 | + | + | + | 0 | + | + |
| 1.5<3 | 0 | + | 0 | 0 | + | + |
| 0<1.5 | 4 | + | + | + | + | + |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 13335 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 2 | 3 | 7 | 46 | 10 |
| 50<80 | + | + | + | 1 | 3 | + |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | 1 | 2 | 4 | + |
| 10<20 | + | 1 | 1 | 2 | 4 | + |
| 6<10 | + | + | + | 1 | 2 | + |
| 3<6 | + | + | + | + | 1 | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 1 | + | + | + | 0 | 0 |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3073 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 1 | 2 | 3 | 42 | 23 |
| 50<80 | + | + | + | + | 2 | 1 |
| 35<50 | + | 0 | + | + | 1 | + |
| 20<35 | + | + | + | 1 | 4 | 1 |
| 10<20 | 1 | 1 | 1 | 1 | 7 | 1 |
| 6<10 | + | + | + | + | 1 | 0 |
| 3<6 | + | + | + | + | + | 0 |
| 1.5<3 | 0 | + | 0 | + | + | 0 |
| 0<1.5 | 1 | 1 | + | + | 0 | 0 |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3059 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 3 | 2 | 2 | 4 | 42 | 18 |
| 50<80 | + | + | + | + | 2 | 1 |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | 1 | + | + | 1 | 4 | 1 |
| 10<20 | 1 | 1 | 1 | 2 | 8 | + |
| 6<10 | + | + | + | + | + | 0 |
| 3<6 | + | + | + | + | + | 0 |
| 1.5<3 | 0 | + | + | 0 | + | 0 |
| 0<1.5 | 1 | + | + | + | + | + |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14226 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 4 | 2 | 2 | 4 | 20 | 36 |
| 50<80 | 1 | 1 | + | 1 | 3 | 2 |
| 35<50 | 1 | + | + | 1 | 1 | + |
| 20<35 | 1 | 1 | 1 | 2 | 3 | 1 |
| 10<20 | 1 | 1 | 1 | 1 | 1 | + |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | 0 |
| 1.5<3 | + | 0 | + | + | + | + |
| 0<1.5 | 5 | 1 | + | + | + | 0 |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2759 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | 1 | + | 2 | 16 | 54 |
| 50<80 | + | + | + | 1 | 3 | 3 |
| 35<50 | 0 | + | + | + | 1 | 1 |
| 20<35 | + | + | + | 1 | 3 | 1 |
| 10<20 | + | 1 | 1 | 1 | 3 | 1 |
| 6<10 | + | + | + | + | + | + |
| 3<6 | 0 | + | + | + | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 1 | + | + | + | + | 0 |

Cape Perry

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 16876 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 2 | 2 | 6 | 27 | 45 |
| 50<80 | + | + | + | 1 | 1 | 1 |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | + | 1 | 2 | + |
| 10<20 | + | + | + | 1 | 1 | + |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | + | + | + | 0 | 0 |
| 0<1.5 | 1 | + | + | + | + | + |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3907 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | 1 | 2 | 10 | 65 |
| 50<80 | 1 | + | + | + | 2 | 3 |
| 35<50 | + | + | + | + | 2 | 2 |
| 20<35 | + | + | + | 1 | 2 | 2 |
| 10<20 | 1 | + | + | 1 | 1 | + |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | 0 | + | + | + | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | + | + | + | + | 0 | 0 |

Holmen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2739 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 2 | 9 | 63 |
| 50<80 | + | + | + | + | 2 | 2 |
| 35<50 | + | + | + | + | 1 | 1 |
| 20<35 | + | + | + | 1 | 3 | 2 |
| 10<20 | 1 | + | 1 | 1 | 2 | 1 |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | 0 | 0 | 0 | 0 | 0 |
| 1.5<3 | 0 | 0 | 0 | + | 0 | 0 |
| 0<1.5 | 2 | + | + | 0 | 0 | 0 |

| LOW CLOUD CEILING (101' FT) | VISIBILITY (NM) | | | | | | 102 |
|-----------------------------|-----------------|----------|--------|--------|---------|---------|-----|
| | <1/2 | 1/2 - <1 | 1 - <2 | 2 - <5 | 5 - <10 | 10 - 20 | 20 |
| NC | 0 | 1 | 0 | 0 | 4 | 6 | 17 |
| 50<80 | 0 | 0 | 0 | 2 | 0 | 0 | 3 |
| 33<50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20<35 | 0 | 0 | 0 | 1 | 1 | 3 | 0 |
| 10<20 | 0 | 0 | 0 | 2 | 1 | 2 | 0 |
| 8<10 | 0 | 1 | 0 | 1 | 0 | 2 | 0 |
| 3<6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 0<1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | 64 |
|--|-----------------|---------|-------|-------|--------|-----|----|
| | <1/2 | 1/2 - 1 | 1 - 2 | 2 - 5 | 5 - 10 | ≥10 | |
| NC | 0 | 0 | 3 | 3 | 55 | 3 | |
| 50<80 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 35<50 | 0 | 0 | 2 | 2 | 0 | 0 | |
| 20<35 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 10<20 | 2 | 0 | 0 | 5 | 3 | 0 | |
| 6<10 | 2 | 0 | 2 | 2 | 2 | 0 | |
| 3<6 | 2 | 0 | 2 | 0 | 0 | 0 | |
| 1.5<3 | 0 | 2 | 2 | 0 | 0 | 0 | |
| 0<1.5 | 5 | 0 | 0 | 6 | 0 | 0 | |

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | |
|--|----------------------|---------|---------|----------|-----------|-----------|
| | $\frac{1}{2}$ - 1 | 1- 2 | 2- 5 | 5- 10 | 10- 20 | 20- 30 |
| NC | 2 | 1 | 1 | 2 | 15 | 74 |
| 50<80 | 0 | + | + | 1 | 1 | 1 |
| 35<50 | 0 | 0 | 0 | 0 | 0 | + |
| 20<35 | 0 | 0 | + | 0 | 1 | 0 |
| 10<20 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6<10 | 0 | 0 | 0 | + | 0 | 0 |
| 3<6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 0 | 0 | 0 | 0 | 0 | 0 |

$\begin{array}{r} 60 \times 80 \\ 75 \times 50 \\ 20 \times 35 \\ 10 \times 20 \\ 6 \times 10 \\ 3 \times 6 \\ 1.5 \times 3 \\ 0 \times 1.5 \end{array}$

Februa

Ostrov Vrangolja

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4385 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 4 | 2 | 4 | 9 | 8 | 60 |
| 50<80 | + | 0 | + | + | + | + |
| 35<50 | + | + | + | + | + | + |
| 20<35 | + | + | 1 | 1 | 1 | 1 |
| 10<20 | + | + | 1 | 2 | 1 | 1 |
| 6<10 | + | + | + | + | + | + |
| 3<6 | 0 | + | + | + | + | 0 |
| 1.5<3 | 0 | 0 | + | 0 | 0 | 0 |
| 0<1.5 | + | 0 | 0 | + | 0 | 0 |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4868 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 8 | 7 | 6 | 9 | 13 | 46 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | 0 | + | + | + | + | + |
| 20<35 | + | + | 1 | 1 | 1 | 1 |
| 10<20 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6<10 | + | + | + | + | + | + |
| 3<6 | 0 | + | + | + | + | + |
| 1.5<3 | 0 | + | 0 | 0 | 0 | 0 |
| 0<1.5 | 1 | 0 | 0 | 0 | 0 | 0 |

Ostrov Kolychino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3024 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | 1 | 3 | 5 | 36 | 39 |
| 50<80 | + | + | 1 | 2 | 2 | 1 |
| 35<50 | 0 | + | + | + | + | + |
| 20<35 | + | + | + | 1 | 2 | 1 |
| 10<20 | + | + | + | 1 | 1 | + |
| 6<10 | 0 | 0 | + | + | + | 0 |
| 3<6 | 0 | 0 | 0 | + | 0 | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | + |
| 0<1.5 | + | + | + | 0 | 0 | + |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4856 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | 2 | 10 | 6 | 54 |
| 50<80 | 0 | 0 | + | + | + | + |
| 35<50 | 0 | 0 | + | + | + | + |
| 20<35 | + | + | + | 2 | 1 | 2 |
| 10<20 | + | + | 1 | 3 | 7 | 4 |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | + | 0 | 0 | 0 |
| 0<1.5 | 1 | 0 | 0 | 0 | 0 | + |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4194 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 6 | 5 | 5 | 7 | 2 | 2 |
| 50<80 | + | 1 | + | + | 1 | 2 |
| 35<50 | + | + | + | + | + | + |
| 20<35 | 4 | 1 | 2 | 2 | 2 | + |
| 10<20 | 2 | 1 | 2 | 2 | 2 | + |
| 6<10 | + | + | + | 2 | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | + | + | + | + | 0 | + |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15306 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | 3 | 5 | + |
| 50<80 | + | + | + | + | 3 | + |
| 35<50 | + | + | + | + | 2 | + |
| 20<35 | + | + | 1 | 2 | 3 | 3 |
| 10<20 | + | + | 1 | 2 | 3 | + |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | + | + | + | + |
| 0<1.5 | + | + | + | + | 0 | + |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4712 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 2 | 4 | 16 | 47 |
| 50<80 | 0 | + | + | 1 | 1 | 2 |
| 35<50 | 0 | + | + | + | 1 | 1 |
| 20<35 | + | + | 1 | 2 | 5 | 3 |
| 10<20 | + | + | 1 | 2 | 2 | 1 |
| 6<10 | + | + | + | + | + | + |
| 3<6 | 0 | + | 0 | + | + | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 1 | 1 | 1 | + | 0 | 0 |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3337 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 9 | 3 | 2 | 5 | 34 | 20 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | + | 0 | + | + | + | + |
| 20<35 | + | + | + | + | 3 | + |
| 10<20 | 2 | + | + | 2 | 5 | 2 |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 3 | + | + | + | + | + |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14424 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | + | + |
| 50<80 | + | + | + | + | 3 | + |
| 35<50 | + | + | + | + | + | + |
| 20<35 | + | + | + | 2 | 4 | + |
| 10<20 | + | + | + | 2 | 3 | + |
| 6<10 | + | + | + | 1 | 1 | 0 |
| 3<6 | + | + | + | + | + | 0 |
| 1.5<3 | + | 0 | + | + | + | 0 |
| 0<1.5 | + | + | + | + | + | 0 |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 13370 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | 4 | 46 | 23 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | 0 | 0 | + | + | + | + |
| 20<35 | + | + | + | 1 | 3 | + |
| 10<20 | + | + | + | + | 4 | + |
| 6<10 | + | + | + | + | + | 0 |
| 3<6 | + | + | + | + | + | 0 |
| 1.5<3 | 0 | 0 | 0 | + | + | 0 |
| 0<1.5 | 2 | + | + | + | 0 | 0 |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3367 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 3 | 2 | 4 | 45 | 20 |
| 50<80 | + | + | + | + | 2 | 1 |
| 35<50 | 0 | + | + | + | + | + |
| 20<35 | 1 | + | + | 1 | 4 | 1 |
| 10<20 | 1 | + | 1 | 1 | 5 | + |
| 6<10 | + | + | + | + | + | 0 |
| 3<6 | + | + | + | + | + | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 2 | + | + | + | + | 0 |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 10617 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | 3 | + | 4 | 3 | 4 |
| 50<80 | + | + | + | + | 2 | + |
| 35<50 | + | + | + | + | + | + |
| 20<35 | + | + | + | + | 3 | + |
| 10<20 | + | + | + | + | + | + |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | + | 0 | + | + | 0 |
| 0<1.5 | + | + | + | + | + | + |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3113 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 1 | 2 | 15 | 61 |
| 50<80 | + | + | + | + | 2 | 2 |
| 35<50 | 0 | + | + | + | 1 | 1 |
| 20<35 | + | + | + | 1 | 3 | + |
| 10<20 | + | + | 1 | 1 | 3 | + |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 1 | + | + | + | 0 | 0 |

Cape Perry

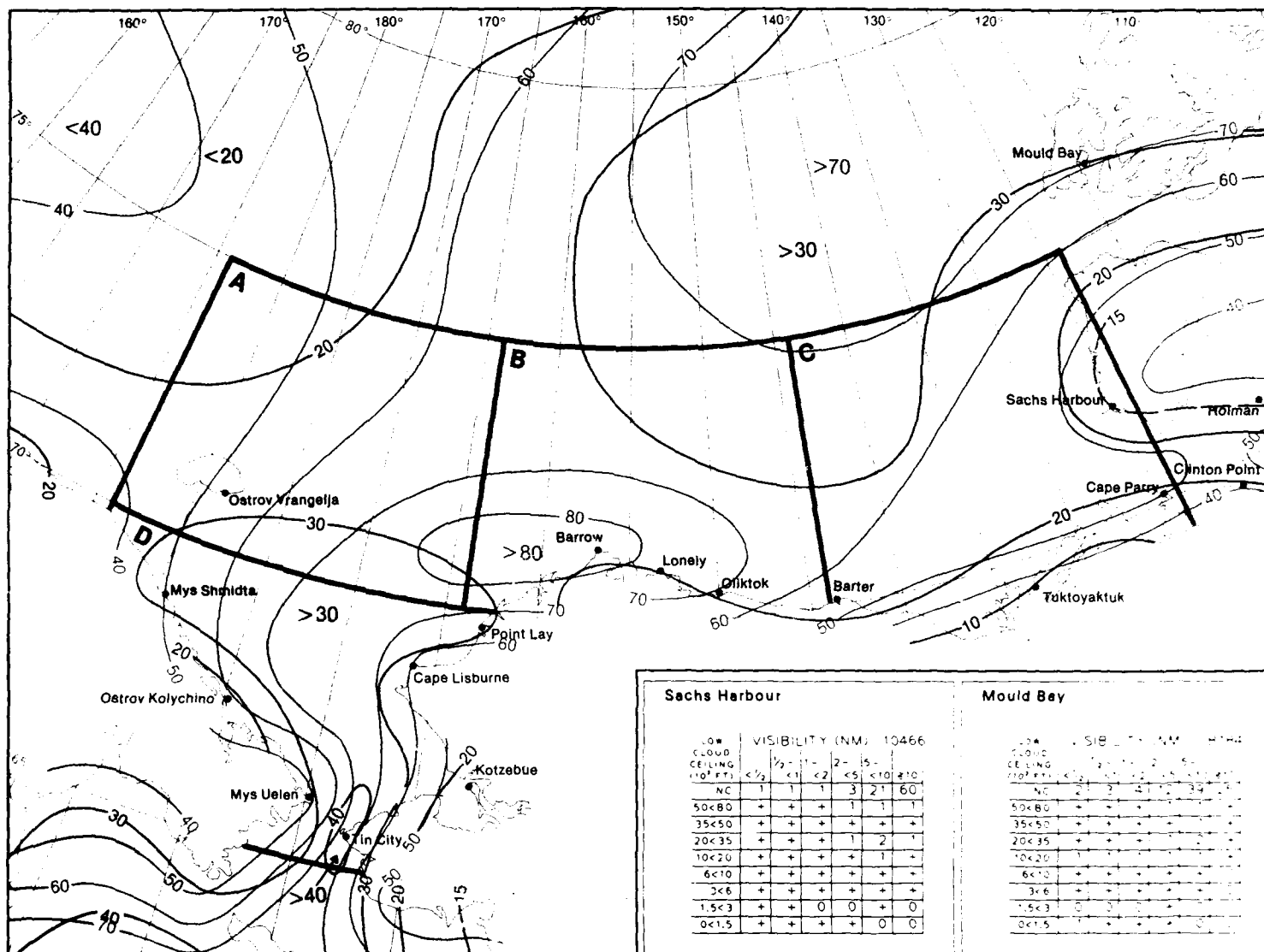
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 18857 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 2 | 2 | 7 | 26 | 49 |
| 50<80 | + | + | + | + | 1 | + |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | + | 1 | 2 | 1 |
| 10<20 | + | + | + | 1 | 1 | + |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | 0 | + | + | + | 0 |
| 0<1.5 | + | + | + | + | + | 0 |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4368 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 1 | 3 | 16 | 65 |
| 50<80 | + | + | + | 1 | 3 | 2 |
| 35<50 | + | + | + | 1 | 1 | + |
| 20<35 | + | + | 1 | 1 | 1 | + |
| 10<20 | + | + | + | + | + | + |
| 6<10 | + | 0 | + | + | 0 | 0 |
| 3<6 | + | + | 0 | + | 0 | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 1 | 0 | 0 | + | 0 | 0 |

Holman

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2044 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 66 | + |
| 50<80 | + | + | + | + | 2 | 2 |
| 35<50 | + | + | + | + | + | + |
| 20<35 | + | + | + | + | 3 | + |
| 10<20 | + | + | + | + | + | + |
| 6<10 | + | + | + | + | + | 0 |
| 3<6 | + | 0 | + | + | 0 | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | + | + | 0 | 0 | 0 | 0 |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 10466 | | | | | | |
|--|-----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 1 | 1 | 1 | 3 | 21 | 60 | |
| 50<80 | + | + | + | 1 | 1 | 1 | |
| 35<50 | + | + | + | + | + | + | |
| 20<35 | + | + | + | 1 | 2 | 1 | |
| 10<20 | + | + | + | + | + | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | + | 0 | 0 | 0 | 0 | |
| 0<1.5 | + | + | + | + | 0 | 0 | |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 10466 | | | | | | |
|--|-----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 1 | 1 | 1 | 3 | 21 | 60 | |
| 50<80 | + | + | + | 1 | 1 | 1 | |
| 35<50 | + | + | + | + | + | + | |
| 20<35 | + | + | + | 1 | 2 | 1 | |
| 10<20 | + | + | + | + | + | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | + | 0 | 0 | 0 | 0 | |
| 0<1.5 | + | + | + | + | 0 | 0 | |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 189 | | | | | | |
|--|---------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 0 | 0 | 2 | 2 | 21 | 44 | |
| 50<80 | 0 | 1 | 0 | 3 | 3 | 1 | |
| 35<50 | 0 | 0 | 0 | 0 | 1 | 0 | |
| 20<35 | 0 | 2 | 1 | 1 | 0 | 2 | |
| 10<20 | 1 | 0 | 3 | 3 | 3 | 2 | |
| 6<10 | 1 | 0 | 0 | 2 | 0 | 1 | |
| 3<6 | 1 | 1 | 0 | 1 | 0 | 1 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 1 | 1 | 1 | 0 | 0 | 0 | |

Marine Area B

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 54 | | | | | | |
|--|--------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 0 | 0 | 0 | 2 | 70 | 2 | |
| 50<80 | 0 | 0 | 0 | 2 | 0 | 2 | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20<35 | 0 | 0 | 0 | 0 | 0 | 2 | |
| 10<20 | 0 | 2 | 2 | 4 | 2 | 0 | |
| 6<10 | 0 | 0 | 2 | 4 | 0 | 0 | |
| 3<6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 4 | 2 | 0 | 0 | 0 | 0 | |

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 273 | | | | | | |
|--|---------------------|-----|---|---|---|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 1 | 2 | 2 | 2 | 5 | 79 | |
| 50<80 | 0 | 0 | 0 | + | 2 | 2 | |
| 35<50 | + | 0 | 0 | 0 | 0 | 0 | |
| 20<35 | 0 | 0 | 0 | + | 1 | + | |
| 10<20 | + | 1 | + | 0 | 0 | 1 | |
| 6<10 | 0 | + | + | 0 | 0 | 0 | |
| 3<6 | 0 | 0 | 0 | 0 | 0 | + | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 0 | 0 | 0 | 0 | 0 | 0 | |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 113 | | | | | | |
|--|---------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 0 | 0 | 0 | + | 3 | 2 | |
| 50<80 | 0 | 0 | 0 | 0 | + | + | |
| 35<50 | 0 | 0 | 0 | 0 | 3 | + | |
| 20<35 | 3 | 0 | + | 0 | + | + | |
| 10<20 | 0 | 0 | 3 | 5 | 10 | + | |
| 6<10 | 0 | 0 | 0 | 0 | 0 | + | |
| 3<6 | 0 | 1 | 1 | 0 | 3 | + | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | + | |
| 0<1.5 | 1 | 0 | 2 | 2 | + | + | |

4 Ceiling and Visibility (mid range)

Mar

Ostrov Vrangeliya

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4426 | | | | | | |
|--|----------------------|-----|---|---|---|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 2 | 1 | 4 | 8 | 5 | 6 | 3 |
| 50<80 | + | 0 | + | + | + | + | + |
| 35<50 | 0 | + | + | + | + | + | + |
| 20<35 | + | + | + | + | 2 | 1 | 2 |
| 10<20 | + | + | 1 | 3 | 1 | 2 | |
| 6<10 | + | + | + | 1 | + | 1 | |
| 3<6 | 0 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | 0 | + | 0 | 0 | |
| 0<1.5 | 1 | 0 | 0 | + | 0 | 0 | |

Mya Shmidta

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4663 | | | | | | |
|--|----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 3 | 4 | 4 | 8 | 10 | 54 | |
| 50<80 | + | + | + | + | + | + | + |
| 35<50 | + | 0 | + | + | + | 1 | |
| 20<35 | + | + | + | 1 | 1 | 1 | |
| 10<20 | 1 | 1 | 1 | 2 | 2 | 1 | |
| 6<10 | + | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + | + |
| 1.5<3 | + | + | + | + | 0 | 0 | |
| 0<1.5 | 1 | + | + | 0 | 0 | + | |

Ostrov Kolychino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2751 | | | | | | |
|--|----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | + | + | 2 | 5 | 24 | 46 | |
| 50<80 | + | + | 2 | 2 | 2 | 1 | |
| 35<50 | 0 | + | + | + | + | + | |
| 20<35 | 0 | + | + | 1 | 3 | 3 | |
| 10<20 | 0 | + | 1 | 2 | 1 | 1 | |
| 6<10 | 0 | 0 | 0 | + | + | + | |
| 3<6 | 0 | + | 0 | + | + | + | |
| 1.5<3 | 0 | 0 | 0 | 0 | + | 0 | |
| 0<1.5 | 1 | + | + | 0 | 0 | 0 | |

Mya Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4646 | | | | | | |
|--|----------------------|-----|---|----|---|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 1 | + | 1 | 6 | 4 | 48 | |
| 50<80 | 0 | + | + | + | + | + | |
| 35<50 | 0 | + | + | + | + | + | |
| 20<35 | + | + | + | 2 | 1 | 4 | |
| 10<20 | + | 1 | 3 | 10 | 5 | 8 | |
| 6<10 | + | + | + | 1 | + | 1 | |
| 3<6 | + | 0 | + | + | + | + | |
| 1.5<3 | 0 | 0 | + | 0 | 0 | 0 | |
| 0<1.5 | 1 | + | + | + | 0 | 0 | |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4236 | | | | | | |
|--|----------------------|-----|---|---|---|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 3 | 3 | 4 | 6 | 9 | 21 | |
| 50<80 | + | + | + | + | + | + | |
| 35<50 | + | + | + | + | + | 1 | |
| 20<35 | 1 | 2 | 1 | 2 | 3 | 2 | |
| 10<20 | 1 | 1 | 1 | 2 | 3 | 2 | |
| 6<10 | 1 | 1 | 1 | 3 | 2 | + | |
| 3<6 | 1 | 1 | 2 | 2 | 1 | + | |
| 1.5<3 | + | + | + | + | + | + | |
| 0<1.5 | 10 | 1 | 1 | + | 0 | 0 | |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14888 | | | | | | |
|--|-----------------------|-----|---|---|---|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 1 | 1 | 1 | 2 | 5 | 58 | |
| 50<80 | + | + | + | + | 1 | 3 | |
| 35<50 | + | + | + | + | 1 | 2 | |
| 20<35 | + | + | 1 | 2 | 2 | 4 | |
| 10<20 | + | + | 1 | 1 | 2 | 3 | |
| 6<10 | + | + | + | 1 | 1 | 1 | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | + | + | + | + | + | |
| 0<1.5 | 2 | 1 | 1 | 1 | + | + | |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4500 | | | | | | |
|--|----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | + | 1 | 1 | 2 | 11 | 39 | |
| 50<80 | 0 | + | + | + | 1 | 2 | |
| 35<50 | 0 | + | + | + | 1 | 1 | |
| 20<35 | 1 | 1 | 1 | 2 | 5 | 5 | |
| 10<20 | + | 1 | 1 | 3 | 8 | 4 | |
| 6<10 | 0 | + | 1 | 1 | 2 | 1 | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | + | |
| 0<1.5 | 1 | 1 | + | + | 0 | 0 | |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3171 | | | | | | |
|--|----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 8 | 2 | 3 | 4 | 29 | 20 | |
| 50<80 | + | + | + | + | 2 | + | |
| 35<50 | 0 | 0 | + | 0 | 1 | + | |
| 20<35 | 1 | + | + | 1 | 5 | 2 | |
| 10<20 | 2 | 2 | 2 | 3 | 7 | 2 | |
| 6<10 | 1 | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | + | 0 | 0 | 0 | 0 | + | |
| 0<1.5 | 2 | + | + | 0 | 0 | 0 | |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14399 | | | | | | |
|--|-----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 2 | 1 | 1 | 4 | 45 | 12 | |
| 50<80 | + | + | + | + | 3 | + | |
| 35<50 | + | + | + | + | 2 | + | |
| 20<35 | + | + | + | 1 | 4 | + | |
| 10<20 | + | + | 1 | 3 | 7 | + | |
| 6<10 | + | 1 | 1 | 2 | 4 | + | |
| 3<6 | + | + | + | 1 | 1 | + | |
| 1.5<3 | + | + | + | + | + | + | |
| 0<1.5 | 1 | + | + | + | + | 0 | |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3219 | | | | | | |
|--|----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 1 | 2 | 1 | 3 | 38 | 22 | |
| 50<80 | 0 | + | + | + | 2 | 1 | |
| 35<50 | 0 | 0 | + | + | 1 | + | |
| 20<35 | + | + | 1 | 1 | 4 | 1 | |
| 10<20 | 1 | 1 | 1 | 3 | 9 | 1 | |
| 6<10 | + | + | + | 1 | 1 | + | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | + | + | + | 0 | + | 0 | |
| 0<1.5 | 1 | + | + | + | + | 0 | |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3221 | | | | | | |
|--|----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 2 | 1 | 2 | 3 | 40 | 19 | |
| 50<80 | + | + | + | + | 3 | 1 | |
| 35<50 | 0 | + | + | + | 1 | + | |
| 20<35 | + | + | 1 | 1 | 5 | 1 | |
| 10<20 | 1 | 1 | 1 | 3 | 8 | + | |
| 6<10 | + | + | + | + | 1 | 0 | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | + | 0 | + | + | 0 | 0 | |
| 0<1.5 | 2 | + | 0 | + | 0 | 0 | |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 18839 | | | | | | |
|--|-----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 2 | 2 | 1 | 3 | 14 | 44 | |
| 50<80 | + | + | + | + | 1 | 2 | |
| 35<50 | + | + | + | + | + | + | |
| 20<35 | + | + | + | 1 | 2 | + | |
| 10<20 | 1 | 1 | 1 | 2 | 3 | 2 | |
| 6<10 | + | + | + | 1 | 2 | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | + | + | + | + | + | |
| 0<1.5 | 2 | + | + | + | + | 0 | |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3030 | | | | | | |
|--|----------------------|-----|---|---|---|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | + | + | 1 | 1 | 9 | 61 | |
| 50<80 | 0 | + | + | + | 2 | 3 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | + | + | + | 1 | 4 | 2 | |
| 10<20 | + | 1 | 1 | 1 | 3 | 1 | |
| 6<10 | + | + | + | + | 1 | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | + | + | 0 | 0 | 0 | |
| 0<1.5 | 1 | + | + | + | 0 | 0 | |

Cape Perry

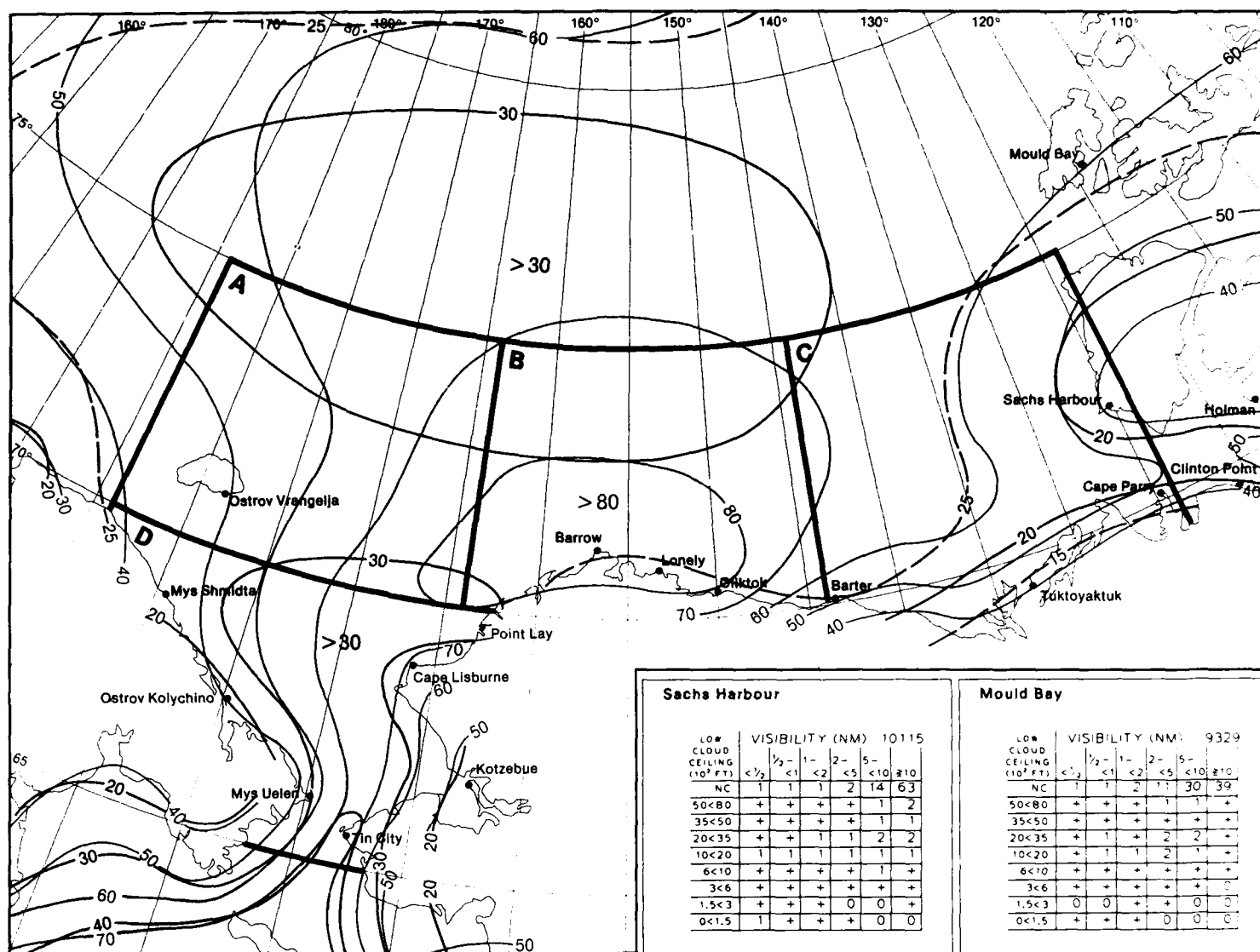
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 18148 | | | | | | |
|--|-----------------------|-----|---|---|----|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 1 | 1 | 2 | 5 | 19 | 51 | |
| 50<80 | + | + | + | 1 | 1 | 1 | |
| 35<50 | + | + | + | + | 1 | + | |
| 20<35 | + | + | + | 1 | 1 | 1 | |
| 10<20 | 1 | 1 | 1 | 1 | 2 | 1 | |
| 6<10 | + | + | + | 1 | 1 | + | |
| 3<6 | + | + | + | + | + | 1 | |
| 1.5<3 | + | + | + | + | + | 0 | |
| 0<1.5 | 1 | + | + | + | 0 | 0 | |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4100 | | | | | | |
|--|----------------------|-----|---|---|---|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | + | 1 | 1 | 2 | 9 | 60 | |
| 50<80 | + | + | 1 | 1 | 2 | 2 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | + | + | + | 1 | 3 | 1 | |
| 10<20 | 1 | + | 1 | 2 | 3 | 1 | |
| 6<10 | + | + | + | + | 2 | + | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | + | 0 | 0 | + | 0 | 0 | |
| 0<1.5 | 1 | + | + | 0 | 0 | 0 | |

Holmen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2973 | | | | | | |
|--|----------------------|-----|---|---|---|----|-----|
| | <1/2 | 1/2 | 1 | 2 | 5 | 10 | ≥10 |
| NC | 1 | + | + | 1 | 8 | 60 | |
| 50<80 | + | + | + | + | 1 | 2 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | + | + | + | 1 | 3 | 3 | |
| 10<20 | 1 | 1 | 1 | 3 | 3 | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | 0 | |
| 1.5<3 | 0 | + | 0 | 0 | 0 | 0 | |
| 0<1.5 | 1 | + | + | + | + | 0 | |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT.) | VISIBILITY (NM) 10115 | | | | | | |
|---|-----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | ≥10 |
| NC | 1 | 1 | 1 | 2 | 14 | 6 | 3 |
| 50<80 | + | + | + | + | 1 | 2 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | + | + | 1 | 1 | 2 | 2 | |
| 10<20 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 6<10 | + | + | + | + | 1 | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | + | + | 0 | 0 | + | |
| 0<1.5 | 1 | + | + | + | 0 | 0 | |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT.) | VISIBILITY (NM) 9329 | | | | | | |
|---|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | ≥10 |
| NC | 1 | 1 | 2 | 1 | 30 | 39 | |
| 50<80 | + | + | + | 1 | 1 | + | |
| 35<50 | + | + | + | + | + | + | |
| 20<35 | + | 1 | + | 2 | 2 | + | |
| 10<20 | + | 1 | 1 | 1 | 1 | + | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | 0 | 0 | + | + | 0 | 0 | |
| 0<1.5 | + | + | + | 0 | 0 | 0 | |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT.) | VISIBILITY (NM) 180 | | | | | | |
|---|---------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | ≥10 |
| NC | 0 | 1 | 1 | 4 | 4 | 5 | 3 |
| 50<80 | 0 | 0 | 0 | 3 | 4 | 3 | |
| 35<50 | 0 | 0 | 0 | 0 | 1 | 1 | |
| 20<35 | 0 | 0 | 0 | 3 | 2 | 1 | |
| 10<20 | 0 | 1 | 2 | 3 | 3 | 1 | |
| 6<10 | 0 | 1 | 1 | 2 | 0 | 2 | |
| 3<6 | 0 | 0 | 0 | 2 | 0 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 2 | 1 | 2 | 1 | 0 | 0 | |

Marine Area B

| LOW CLOUD CEILING (10 ³ FT.) | VISIBILITY (NM) 189 | | | | | | |
|---|---------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | ≥10 |
| NC | 0 | 0 | 0 | 2 | 5 | 2 | 1 |
| 50<80 | 0 | 0 | 0 | 2 | 3 | 0 | |
| 35<50 | 0 | 0 | 0 | 1 | 2 | 0 | |
| 20<35 | 0 | 0 | 0 | 1 | 3 | 1 | |
| 10<20 | 0 | 0 | 1 | 8 | 3 | 1 | |
| 6<10 | 0 | 2 | 3 | 3 | 0 | 0 | |
| 3<6 | 0 | 0 | 0 | 1 | 1 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 0<1.5 | 6 | 3 | 3 | 0 | 0 | 0 | |

Marine Area C

| LOW CLOUD CEILING (10 ³ FT.) | VISIBILITY (NM) 166 | | | | | | |
|---|---------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | ≥10 |
| NC | 3 | 3 | 1 | 4 | 11 | 5 | 4 |
| 50<80 | 0 | 0 | 1 | 1 | 4 | 2 | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20<35 | 1 | 0 | 0 | 1 | 5 | 1 | |
| 10<20 | 0 | 0 | 0 | 2 | 2 | 0 | |
| 6<10 | 0 | 0 | 0 | 1 | 1 | 0 | |
| 3<6 | 1 | 0 | 0 | 1 | 1 | 0 | |
| 1.5<3 | 0 | 0 | 1 | 0 | 1 | 0 | |
| 0<1.5 | 0 | 0 | 0 | 0 | 0 | 0 | |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT.) | VISIBILITY (NM) 174 | | | | | | |
|---|---------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | ≥10 |
| NC | 0 | 0 | 0 | 1 | 4 | 5 | |
| 50<80 | 0 | 0 | 0 | 0 | 5 | 0 | |
| 35<50 | 0 | 0 | 0 | 0 | 1 | 1 | |
| 20<35 | 1 | 0 | 0 | 0 | 2 | 0 | |
| 10<20 | 0 | 1 | 0 | 5 | 9 | 0 | |
| 6<10 | 0 | 1 | 2 | 5 | 1 | 0 | |
| 3<6 | 1 | 1 | 1 | 2 | 1 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 1 | 3 | 2 | 1 | 0 | 0 | |

4 Ceiling and Visibility (mid range)

April

Ostrov Vrangeliya

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4395 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | 4 | 3 | 33 |
| 50<80 | + | + | 0 | + | + | + |
| 35<50 | + | + | + | + | + | 1 |
| 20<35 | + | + | + | 2 | 1 | 5 |
| 10<20 | + | 1 | 1 | 6 | 4 | 12 |
| 6<10 | + | + | + | 3 | 3 | 6 |
| 3<6 | + | + | + | 2 | 1 | 2 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 4 | + | + | 0 | 0 | + |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4630 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 1 | 1 | 3 | 3 | 34 |
| 50<80 | + | + | + | + | + | 1 |
| 35<50 | 0 | + | + | + | + | 1 |
| 20<35 | + | + | + | 1 | 1 | 3 |
| 10<20 | + | 1 | 2 | 3 | 4 | 5 |
| 6<10 | + | 1 | 1 | 2 | 3 | 4 |
| 3<6 | + | 2 | 2 | 3 | 3 | 3 |
| 1.5<3 | + | 1 | 1 | 1 | + | + |
| 0<1.5 | 5 | + | + | 0 | + | + |

Ostrov Kolyuchino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2919 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | 1 | 2 | 3 | 30 |
| 50<80 | + | + | 1 | 1 | 1 | 1 |
| 35<50 | 0 | 0 | + | + | + | 1 |
| 20<35 | + | + | + | 2 | 4 | 9 |
| 10<20 | + | + | 2 | 4 | 7 | 12 |
| 6<10 | + | 0 | + | 2 | 3 | 3 |
| 3<6 | 0 | + | 1 | 2 | 1 | 1 |
| 1.5<3 | 0 | 0 | + | + | + | + |
| 0<1.5 | 6 | + | 0 | 0 | + | + |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4651 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | 2 | 1 | 27 |
| 50<80 | 0 | 0 | 0 | + | 0 | + |
| 35<50 | 0 | 0 | + | + | + | 1 |
| 20<35 | + | + | + | 1 | 1 | 10 |
| 10<20 | + | + | 2 | 8 | 5 | 21 |
| 6<10 | 0 | + | + | 2 | 2 | 5 |
| 3<6 | 0 | + | + | + | 1 | 1 |
| 1.5<3 | 0 | + | + | + | + | + |
| 0<1.5 | 4 | 0 | + | + | 0 | + |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4747 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 1 | 1 | 1 | 2 | 24 |
| 50<80 | + | + | + | + | + | 2 |
| 35<50 | + | + | + | + | + | 3 |
| 20<35 | 1 | 1 | 2 | 2 | 2 | 5 |
| 10<20 | 1 | + | + | 2 | 3 | 5 |
| 6<10 | + | + | + | 1 | 2 | 3 |
| 3<6 | + | 1 | 1 | 3 | 3 | 1 |
| 1.5<3 | 0 | + | + | + | 1 | + |
| 0<1.5 | 13 | 1 | + | + | 0 | 0 |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14873 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 1 | 61 |
| 50<80 | + | + | + | + | + | 4 |
| 35<50 | + | + | + | + | + | 3 |
| 20<35 | + | + | + | + | 1 | 6 |
| 10<20 | + | + | + | 1 | 2 | 6 |
| 6<10 | + | + | + | 1 | 2 | 3 |
| 3<6 | + | + | + | 1 | 1 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 1 | 1 | 1 | + | + | + |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4898 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | 1 | 4 | 27 |
| 50<80 | + | 0 | 0 | + | + | 2 |
| 35<50 | + | 0 | 0 | + | + | 2 |
| 20<35 | + | + | + | 1 | 3 | 6 |
| 10<20 | + | + | 1 | 2 | 10 | 12 |
| 6<10 | + | + | 1 | 1 | 8 | 7 |
| 3<6 | + | + | + | 1 | 2 | 1 |
| 1.5<3 | + | + | + | 0 | + | + |
| 0<1.5 | 2 | 1 | 1 | + | + | 0 |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3189 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 1 | 1 | 1 | 13 | 22 |
| 50<80 | + | + | + | + | + | 1 |
| 35<50 | + | 0 | + | + | + | 1 |
| 20<35 | + | + | + | 1 | 6 | 5 |
| 10<20 | 2 | 2 | 2 | 3 | 16 | 9 |
| 6<10 | 1 | + | + | 1 | 2 | 1 |
| 3<6 | + | + | + | + | 1 | + |
| 1.5<3 | + | 0 | 0 | 0 | + | + |
| 0<1.5 | 2 | + | + | + | 0 | 0 |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14855 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 1 | 17 | 6 |
| 50<80 | + | + | + | + | + | 1 |
| 35<50 | + | 0 | 0 | + | 1 | + |
| 20<35 | + | + | + | 1 | 5 | 1 |
| 10<20 | + | + | + | 1 | 3 | 16 |
| 6<10 | + | 1 | 1 | 4 | 16 | 1 |
| 3<6 | 1 | 1 | 1 | 3 | 7 | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 4 | 1 | + | + | + | + |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3249 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 1 | 15 | 10 |
| 50<80 | + | 0 | + | + | 1 | + |
| 35<50 | + | 0 | 0 | 0 | 1 | + |
| 20<35 | + | + | + | 1 | 5 | 3 |
| 10<20 | 1 | 1 | 2 | 4 | 22 | 5 |
| 6<10 | 1 | 1 | 1 | 2 | 7 | + |
| 3<6 | 1 | 1 | 1 | 1 | 3 | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 3 | 1 | + | + | + | 0 |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3223 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 1 | 1 | 14 | 10 |
| 50<80 | 0 | 0 | + | + | 2 | 2 |
| 35<50 | 0 | + | 0 | + | 1 | + |
| 20<35 | + | 1 | 1 | 1 | 8 | 2 |
| 10<20 | 1 | 2 | 2 | 5 | 21 | 2 |
| 6<10 | 1 | 1 | 1 | 2 | 4 | + |
| 3<6 | 1 | 1 | 1 | 1 | 2 | + |
| 1.5<3 | + | 0 | 0 | + | + | 0 |
| 0<1.5 | 4 | 1 | 1 | + | 0 | 0 |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 16172 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 1 | 3 | 24 |
| 50<80 | + | + | + | + | + | 2 |
| 35<50 | + | 0 | + | + | + | 1 |
| 20<35 | + | + | 1 | 1 | 3 | 3 |
| 10<20 | + | 1 | 1 | 2 | 8 | 5 |
| 6<10 | 1 | 1 | 1 | 3 | 8 | 5 |
| 3<6 | 1 | 2 | 2 | 3 | 5 | 2 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 4 | 1 | + | + | + | + |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3077 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 4 | 46 |
| 50<80 | 0 | 0 | + | + | 1 | 4 |
| 35<50 | + | 0 | 0 | 0 | + | 1 |
| 20<35 | + | + | + | 1 | 3 | 5 |
| 10<20 | + | + | 1 | 2 | 9 | 6 |
| 6<10 | + | + | 1 | 1 | 3 | 1 |
| 3<6 | + | + | + | 1 | 1 | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 3 | + | + | + | + | 0 |

Cape Perry

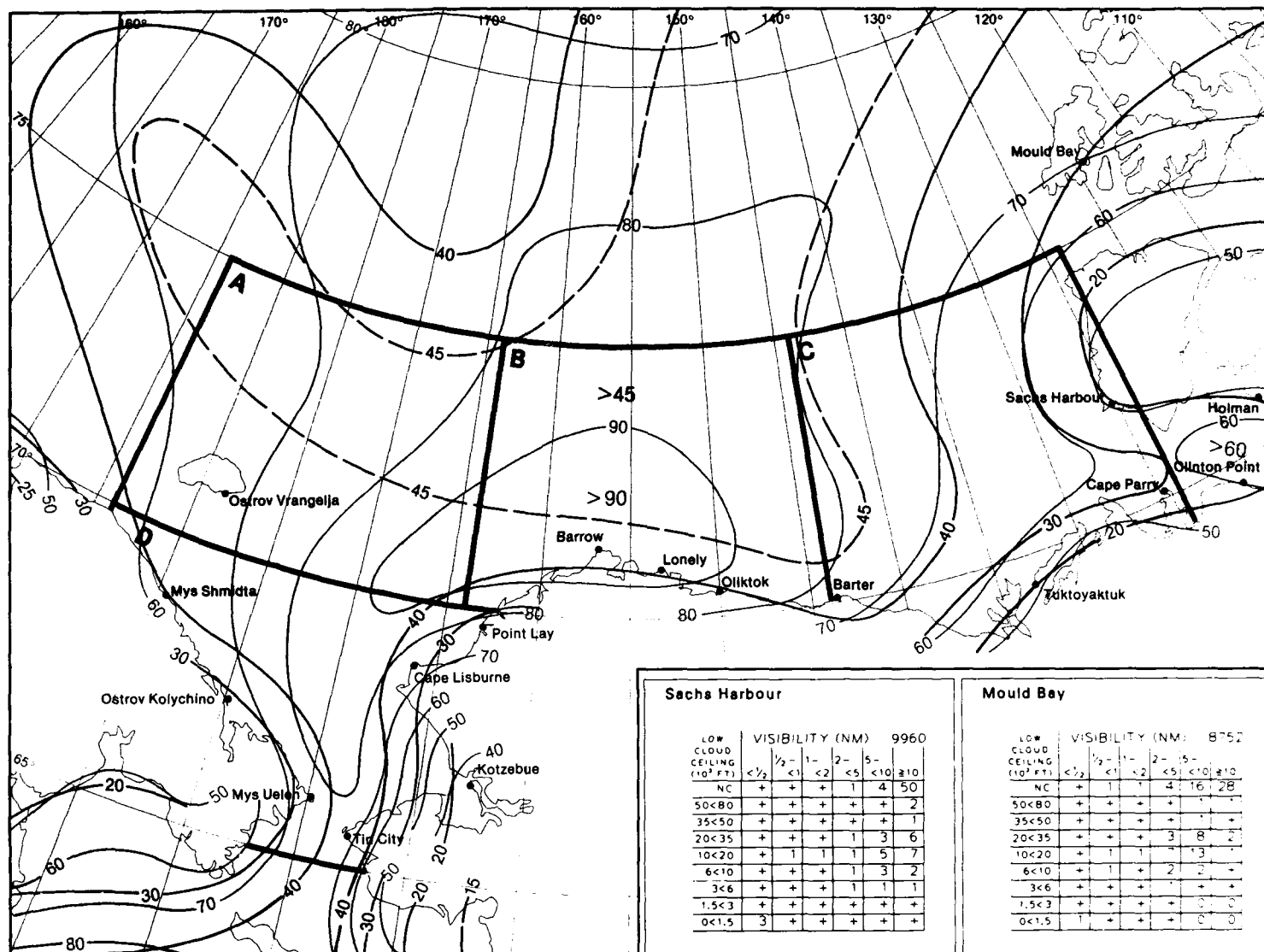
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 16661 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 1 | 1 | 7 | 45 |
| 50<80 | + | + | + | + | + | 1 |
| 35<50 | 0 | + | + | + | + | 1 |
| 20<35 | + | + | + | + | 1 | 2 |
| 10<20 | + | + | 1 | 2 | 6 | 6 |
| 6<10 | + | + | + | 1 | 4 | 3 |
| 3<6 | + | 1 | 1 | 2 | 3 | 1 |
| 1.5<3 | + | 1 | + | + | + | + |
| 0<1.5 | 2 | 1 | + | + | + | + |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3851 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 4 | 48 |
| 50<80 | + | + | + | + | 1 | 3 |
| 35<50 | + | + | + | + | + | 2 |
| 20<35 | + | + | + | 1 | 4 | 6 |
| 10<20 | 1 | 1 | 1 | 2 | 5 | 6 |
| 6<10 | 1 | + | 1 | 1 | 2 | 2 |
| 3<6 | 1 | + | + | 1 | 2 | + |
| 1.5<3 | 0 | + | + | + | + | + |
| 0<1.5 | 1 | + | + | + | 0 | 0 |

Holman

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2939 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | 1 | 3 | 45 |
| 50<80 | + | + | + | + | 1 | 3 |
| 35<50 | + | + | 0 | + | + | 2 |
| 20<35 | + | + | + | 1 | 3 | 7 |
| 10<20 | 1 | 1 | 1 | 2 | 7 | 7 |
| 6<10 | + | + | + | 1 | 1 | 1 |
| 3<6 | + | + | + | + | 1 | + |
| 1.5<3 | + | + | 0 | + | + | + |
| 0<1.5 | 5 | + | + | + | + | + |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 9960 |
|--|-----------------|-------|-----|-----|------|-------|-----|------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | + | + | + | + | + | + | + | 50 |
| 50<80 | + | + | + | + | + | + | + | 2 |
| 35<50 | + | + | + | + | + | + | + | 1 |
| 20<35 | + | + | + | + | + | 3 | 6 | |
| 10<20 | + | 1 | 1 | 1 | 5 | 7 | | |
| 6<10 | + | + | + | + | 1 | 3 | 2 | |
| 3<6 | + | + | + | + | 1 | 1 | 1 | |
| 1.5<3 | + | + | + | + | + | + | + | |
| 0<1.5 | 3 | + | + | + | + | + | + | |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 8752 |
|--|-----------------|-------|-----|-----|------|-------|-----|------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | + | + | + | + | + | + | + | 16 |
| 50<80 | + | + | + | + | + | + | + | 1 |
| 35<50 | + | + | + | + | + | + | + | 1 |
| 20<35 | + | + | + | + | 3 | 8 | 2 | |
| 10<20 | + | 1 | 1 | 1 | 1 | 3 | | |
| 6<10 | + | + | + | + | 2 | 2 | | |
| 3<6 | + | + | + | + | + | + | | |
| 1.5<3 | + | + | + | + | + | + | | |
| 0<1.5 | 1 | + | + | + | + | + | 0 | |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 154 |
|--|-----------------|-------|-----|-----|------|-------|-----|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 1 | 0 | 0 | 1 | 8 | 38 | | |
| 50<80 | 1 | 1 | 0 | 0 | 0 | 2 | | |
| 35<50 | 0 | 0 | 0 | 1 | 1 | 1 | | |
| 20<35 | 1 | 0 | 1 | 1 | 1 | 6 | | |
| 10<20 | 0 | 1 | 3 | 1 | 6 | 6 | | |
| 6<10 | 2 | 0 | 1 | 2 | 2 | 1 | | |
| 3<6 | 2 | 1 | 1 | 2 | 0 | 0 | | |
| 1.5<3 | 0 | 1 | 1 | 0 | 0 | 0 | | |
| 0<1.5 | 5 | 0 | 0 | 0 | 0 | 0 | | |

Marine Area B

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 36 |
|--|-----------------|-------|-----|-----|------|-------|-----|----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 0 | 0 | 0 | 0 | 31 | 6 | | |
| 50<80 | 0 | 0 | 0 | 0 | 0 | 3 | | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 20<35 | 0 | 0 | 0 | 0 | 8 | 0 | | |
| 10<20 | 0 | 3 | 0 | 0 | 39 | 0 | | |
| 6<10 | 0 | 0 | 3 | 0 | 6 | 0 | | |
| 3<6 | 0 | 0 | 0 | 0 | 3 | 0 | | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 0<1.5 | 0 | 0 | 0 | 0 | 0 | 0 | | |

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 289 |
|--|-----------------|-------|-----|-----|------|-------|-----|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 1 | 1 | 1 | 2 | 9 | 61 | | |
| 50<80 | 0 | 0 | 0 | 0 | + | 3 | | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| 20<35 | 0 | 0 | 0 | + | 1 | 4 | | |
| 10<20 | 0 | 0 | 0 | + | 2 | 4 | | |
| 6<10 | 0 | + | 0 | 1 | 1 | 0 | | |
| 3<6 | 0 | + | + | 1 | + | + | | |
| 1.5<3 | + | + | 0 | 0 | 2 | + | | |
| 0<1.5 | 0 | 0 | 0 | 0 | 0 | 0 | | |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 180 |
|--|-----------------|-------|-----|-----|------|-------|-----|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 1 | 1 | 0 | 1 | 33 | 1 | | |
| 50<80 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 20<35 | 0 | 0 | 0 | 0 | 1 | 8 | | |
| 10<20 | 0 | 0 | 1 | 2 | 23 | 2 | | |
| 6<10 | 0 | 0 | 2 | 3 | 4 | 1 | | |
| 3<6 | 0 | 0 | 0 | 0 | 1 | 0 | | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 0<1.5 | 3 | 1 | 1 | 1 | 0 | 0 | | |

4 Ceiling and Visibility (mid range)

May

Ostrov Vrangeliya

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4285 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | 2 | 1 | 34 |
| 50<80 | 0 | + | 0 | + | + | + |
| 35<50 | 0 | + | + | + | + | 2 |
| 20<35 | + | + | + | + | + | 6 |
| 10<20 | + | + | + | 3 | 3 | 13 |
| 6<10 | 0 | + | 1 | 4 | 3 | 8 |
| 3<6 | + | + | 1 | 3 | 2 | 2 |
| 1.5<3 | 0 | + | + | + | + | + |
| 0<1.5 | 8 | + | 0 | + | + | + |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4513 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | 1 | 1 | 1 | 42 |
| 50<80 | 0 | + | + | + | + | 1 |
| 35<50 | 0 | + | + | + | + | 2 |
| 20<35 | + | + | + | + | + | 3 |
| 10<20 | + | + | + | 1 | 2 | 4 |
| 6<10 | + | + | 1 | 1 | 2 | 4 |
| 3<6 | + | 3 | 3 | 4 | 3 | 4 |
| 1.5<3 | + | 1 | 1 | 1 | + | + |
| 0<1.5 | 9 | + | + | + | 0 | + |

Ostrov Kolyuchino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2800 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | 1 | 1 | 2 | 44 |
| 50<80 | + | 0 | + | + | + | 2 |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20<35 | + | + | + | + | 1 | 9 |
| 10<20 | + | + | + | 2 | 3 | 7 |
| 6<10 | + | + | 1 | 1 | 2 | 2 |
| 3<6 | 0 | + | 1 | 1 | 2 | 1 |
| 1.5<3 | 0 | + | + | + | + | + |
| 0<1.5 | 14 | + | + | + | 0 | + |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4478 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | + | + | 1 | 2 | 41 |
| 50<80 | 0 | 0 | 0 | + | 0 | + |
| 35<50 | 0 | 0 | 0 | 0 | + | 1 |
| 20<35 | + | + | 0 | + | + | 6 |
| 10<20 | + | + | 1 | 3 | 5 | 12 |
| 6<10 | 0 | + | 1 | 2 | 2 | 3 |
| 3<6 | + | + | 1 | 2 | 2 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 9 | + | 0 | + | + | + |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4879 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 3 | 1 | 1 | 1 | 2 | 27 |
| 50<80 | + | + | + | + | + | 3 |
| 35<50 | + | + | + | 0 | + | 3 |
| 20<35 | + | + | + | + | 1 | 4 |
| 10<20 | + | + | + | 1 | 2 | 4 |
| 6<10 | + | + | + | 2 | 3 | 2 |
| 3<6 | 1 | 1 | 1 | 4 | 4 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 24 | 2 | 1 | + | + | + |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15013 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | + | 1 | 60 |
| 50<80 | 0 | + | + | + | + | 4 |
| 35<50 | + | + | 0 | + | + | 3 |
| 20<35 | + | 0 | + | + | 1 | 7 |
| 10<20 | + | + | + | + | 1 | 5 |
| 6<10 | + | + | + | + | 1 | 3 |
| 3<6 | + | + | + | 1 | 2 | 2 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 3 | 1 | + | + | + | + |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4675 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 1 | 1 | 6 | 29 |
| 50<80 | + | + | + | + | + | 5 |
| 35<50 | + | + | + | + | 1 | 2 |
| 20<35 | + | + | + | 1 | 2 | 4 |
| 10<20 | + | + | + | 1 | 5 | 6 |
| 6<10 | + | + | 1 | 1 | 8 | 5 |
| 3<6 | + | 1 | + | 1 | 3 | 1 |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 6 | 2 | 1 | + | + | 0 |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 313 | | | | | |
|--|---------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | + | 8 | 32 |
| 50<80 | + | + | 0 | 0 | 1 | 3 |
| 35<50 | 0 | 0 | 0 | + | + | 2 |
| 20<35 | + | + | + | + | 3 | 9 |
| 10<20 | 1 | 1 | 1 | 1 | 1 | 14 |
| 6<10 | + | + | + | + | 2 | 1 |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | + | 0 | + | + | + |
| 0<1.5 | 3 | + | + | + | + | + |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15117 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 1 | 19 | 10 |
| 50<80 | + | + | + | + | 2 | 1 |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | + | + | 3 | 1 |
| 10<20 | + | + | + | + | 1 | 9 |
| 6<10 | + | + | 1 | 3 | 14 | 1 |
| 3<6 | 1 | 2 | 2 | 4 | 10 | 1 |
| 1.5<3 | 1 | 1 | + | 1 | 1 | + |
| 0<1.5 | 6 | 1 | + | + | + | + |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3133 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 1 | 19 | 16 |
| 50<80 | + | + | 0 | 0 | 2 | 1 |
| 35<50 | + | + | + | + | 1 | 1 |
| 20<35 | + | + | + | + | 5 | 4 |
| 10<20 | + | + | + | 1 | 14 | 4 |
| 6<10 | + | 1 | + | 1 | 5 | 1 |
| 3<6 | 1 | 1 | 1 | 2 | 4 | + |
| 1.5<3 | + | + | + | + | 1 | 0 |
| 0<1.5 | 5 | 1 | + | + | + | + |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3150 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 1 | 15 | 22 |
| 50<80 | 0 | + | 0 | + | 2 | 1 |
| 35<50 | 0 | + | 0 | 0 | 1 | 1 |
| 20<35 | + | + | 0 | + | 5 | 3 |
| 10<20 | + | + | + | 2 | 18 | 5 |
| 6<10 | + | + | + | 1 | 4 | + |
| 3<6 | + | 1 | 1 | 1 | 3 | + |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 6 | 2 | 1 | 1 | + | 0 |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15978 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 1 | 3 | 35 |
| 50<80 | + | + | + | + | + | 3 |
| 35<50 | + | + | + | + | + | 1 |
| 20<35 | + | + | + | + | + | 3 |
| 10<20 | + | + | + | 1 | 3 | 4 |
| 6<10 | + | 1 | 1 | 2 | 6 | 5 |
| 3<6 | 1 | 2 | 2 | 3 | 5 | 2 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 7 | 2 | + | + | + | + |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2838 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | + | 3 | 60 |
| 50<80 | + | + | 0 | 0 | 1 | 3 |
| 35<50 | + | 0 | 0 | + | + | 1 |
| 20<35 | 0 | 0 | + | + | 2 | 4 |
| 10<20 | + | + | + | 1 | 5 | 6 |
| 6<10 | + | + | + | 1 | 2 | 2 |
| 3<6 | + | + | + | 1 | 2 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 3 | 1 | + | + | 0 | + |

Cape Parry

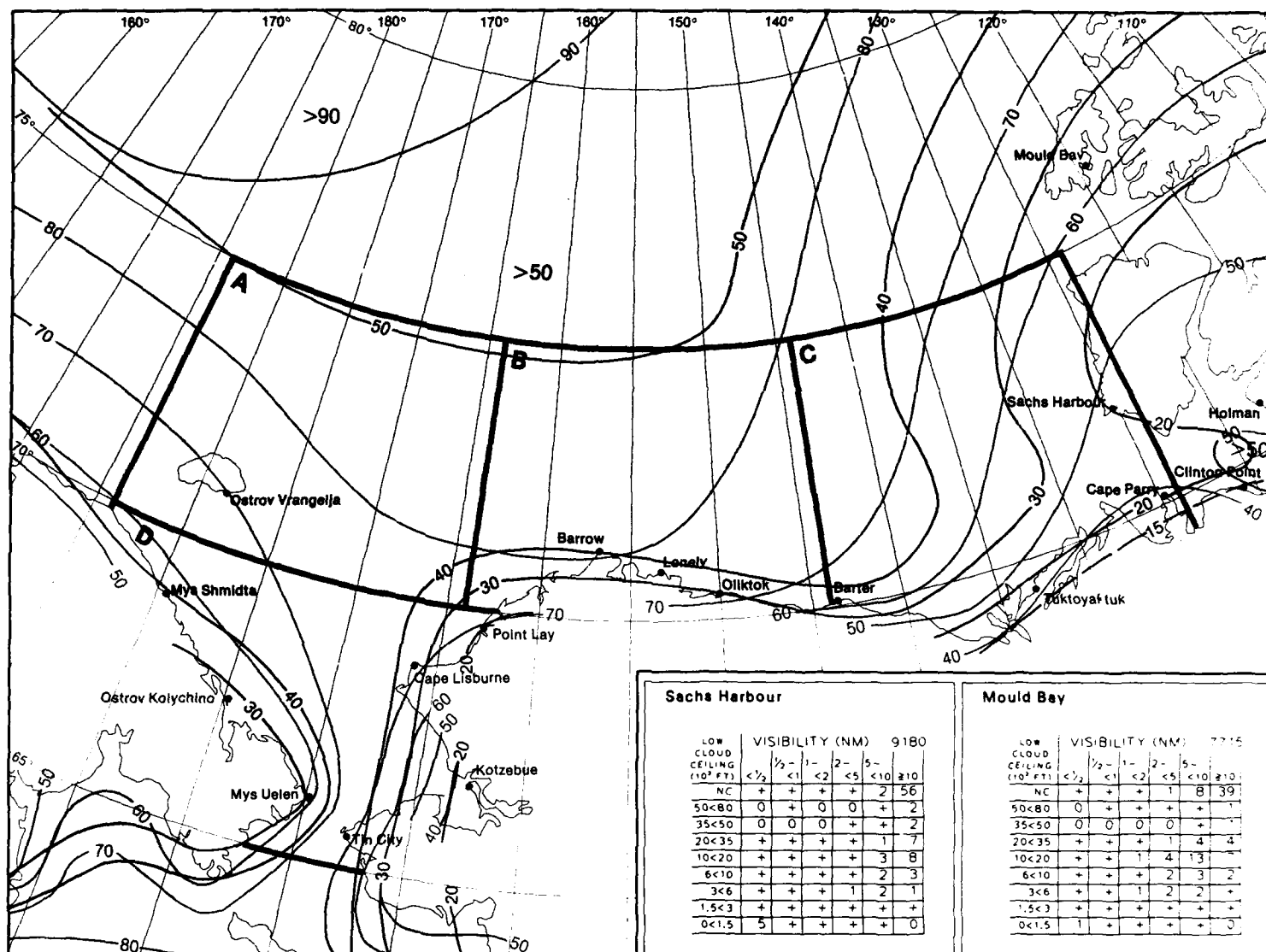
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15970 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | 1 | 1 | 4 | 62 |
| 50<80 | + | + | + | + | + | 1 |
| 35<50 | + | 0 | + | + | + | 1 |
| 20<35 | + | + | + | + | + | 1 |
| 10<20 | + | + | + | + | 1 | 4 |
| 6<10 | + | + | + | + | 1 | 2 |
| 3<6 | + | 1 | 1 | 2 | 4 | 2 |
| 1.5<3 | 1 | 1 | 1 | 1 | 1 | + |
| 0<1.5 | 4 | 1 | + | + | + | + |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3796 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 0 | 0 | + | + | 1 | 59 |
| 50<80 | + | + | 0 | + | + | 3 |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 3 |
| 20<35 | + | + | 0 | + | 1 | 7 |
| 10<20 | + | + | + | 1 | 3 | 8 |
| 6<10 | + | + | + | 1 | 2 | 3 |
| 3<6 | + | 1 | 1 | + | 2 | 2 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 1 | + | + | + | + | + |

Holman

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2777 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | + | 2 | 56 |
| 50<80 | + | 0 | 0 | + | 0 | 2 |
| 35<50 | + | + | 0 | 0 | + | 2 |
| 20<35 | + | + | 0 | + | 2 | 7 |
| 10<20 | + | + | + | 1 | 5 | 7 |
| 6<10 | + | + | + | 1 | 1 | 1 |
| 3<6 | 1 | + | + | 1 | 1 | + |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 7 | + | + | + | + | + |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 9180 |
|--|-----------------|-------|-----|-----|------|-------|-----|------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | + | + | + | + | + | 2 | 56 | |
| 50<80 | 0 | + | 0 | 0 | 0 | + | 2 | |
| 35<50 | 0 | 0 | 0 | 0 | + | + | 2 | |
| 20<35 | + | + | + | + | + | 1 | 7 | |
| 10<20 | + | + | + | + | 3 | 8 | | |
| 6<10 | + | + | + | + | 2 | 3 | | |
| 3<6 | + | + | + | 1 | 2 | 1 | | |
| 1.5<3 | + | + | + | + | + | + | | |
| 0<1.5 | 5 | + | + | + | + | 0 | | |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 7715 |
|--|-----------------|-------|-----|-----|------|-------|-----|------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | + | + | + | + | 1 | 8 | 39 | |
| 50<80 | 0 | + | + | + | + | + | + | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | + | + | |
| 20<35 | + | + | + | + | 1 | 4 | 4 | |
| 10<20 | + | + | + | 1 | 4 | 13 | | |
| 6<10 | + | + | + | 2 | 3 | 2 | | |
| 3<6 | + | + | + | 1 | 2 | 2 | | |
| 1.5<3 | + | + | + | + | + | + | | |
| 0<1.5 | 1 | + | + | + | + | 0 | | |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 90 |
|--|-----------------|-------|-----|-----|------|-------|-----|----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 1 | 0 | 0 | 1 | 2 | 33 | | |
| 50<80 | 0 | 1 | 0 | 1 | 1 | 1 | | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| 20<35 | 0 | 0 | 0 | 1 | 2 | 4 | | |
| 10<20 | 0 | 0 | 1 | 4 | 2 | 4 | | |
| 6<10 | 0 | 0 | 1 | 0 | 10 | 1 | | |
| 3<6 | 0 | 1 | 1 | 1 | 3 | 1 | | |
| 1.5<3 | 0 | 1 | 0 | 0 | 0 | 0 | | |
| 0<1.5 | 13 | 0 | 0 | 2 | 0 | 0 | | |

Marine Area B

No Data Available

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 401 |
|--|-----------------|-------|-----|-----|------|-------|-----|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 1 | 1 | + | 1 | 3 | 60 | | |
| 50<80 | 0 | 0 | 0 | 0 | 0 | 12 | | |
| 35<50 | 0 | 0 | 0 | 0 | 1 | 2 | | |
| 20<35 | 0 | 0 | 0 | + | 3 | 3 | | |
| 10<20 | 0 | 0 | + | + | 2 | 2 | | |
| 6<10 | 0 | 0 | 0 | + | 1 | + | | |
| 3<6 | + | + | + | + | 1 | + | | |
| 1.5<3 | 0 | 0 | 0 | + | + | 0 | | |
| 0<1.5 | 1 | 0 | 0 | 0 | + | 0 | | |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 470 |
|--|-----------------|-------|-----|-----|------|-------|-----|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 1 | 0 | + | 1 | + | 35 | | |
| 50<80 | + | 0 | 0 | + | + | + | | |
| 35<50 | 0 | 0 | 0 | 0 | 1 | 3 | | |
| 20<35 | + | 0 | 0 | + | 4 | 4 | | |
| 10<20 | + | 0 | 0 | 1 | 7 | 4 | | |
| 6<10 | + | 0 | + | 2 | 4 | 1 | | |
| 3<6 | + | + | + | 1 | 1 | + | | |
| 1.5<3 | + | 0 | 0 | + | + | + | | |
| 0<1.5 | 12 | 2 | 1 | + | 1 | 0 | | |

4 Ceiling and Visibility (mid range)

June

Ostrov Vrangolja

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4217 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | + | + | 1 | 2 | 40 |
| 50<80 | + | 0 | 0 | 0 | + | 1 |
| 35<50 | 0 | 0 | 0 | + | + | 2 |
| 20<35 | 0 | + | + | + | + | 6 |
| 10<20 | + | + | + | 2 | 2 | 9 |
| 6<10 | + | + | 1 | 3 | 2 | 5 |
| 3<6 | + | 1 | 1 | 3 | 1 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 13 | + | + | + | 0 | + |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4489 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 2 | 1 | 1 | 2 | 2 | 43 |
| 50<80 | + | + | 0 | + | 0 | 1 |
| 35<50 | + | 0 | + | + | + | 2 |
| 20<35 | + | + | + | + | 1 | 4 |
| 10<20 | 0 | + | + | 1 | 1 | 3 |
| 6<10 | + | + | + | 1 | 1 | 3 |
| 3<6 | + | 2 | 2 | 4 | 3 | 4 |
| 1.5<3 | + | 1 | 1 | 1 | 1 | + |
| 0<1.5 | 11 | + | + | + | + | + |

Ostrov Kolyuchino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2581 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | + | 1 | 2 | 2 | 46 |
| 50<80 | + | 0 | 0 | + | + | 1 |
| 35<50 | + | 0 | 0 | 0 | + | 1 |
| 20<35 | 0 | + | + | 1 | 1 | 11 |
| 10<20 | 0 | 0 | + | 1 | 2 | 7 |
| 6<10 | + | + | + | + | 1 | 2 |
| 3<6 | + | 0 | + | 1 | 1 | 1 |
| 1.5<3 | 0 | 0 | + | + | + | + |
| 0<1.5 | 14 | + | + | + | 0 | + |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4484 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 3 | + | + | 1 | 4 | 41 |
| 50<80 | 0 | 0 | 0 | + | + | + |
| 35<50 | + | 0 | 0 | + | + | + |
| 20<35 | + | 0 | 0 | + | 1 | 6 |
| 10<20 | + | + | + | 3 | 6 | 10 |
| 6<10 | + | + | 1 | 2 | 2 | 3 |
| 3<6 | + | + | 1 | 2 | 2 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 9 | + | + | + | + | + |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4758 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | + | + | 1 | 2 | 18 |
| 50<80 | 0 | 0 | 0 | + | + | 1 |
| 35<50 | + | + | + | + | + | 2 |
| 20<35 | + | + | + | + | 1 | 3 |
| 10<20 | + | + | 0 | + | 2 | 3 |
| 6<10 | + | + | + | 2 | 3 | 3 |
| 3<6 | + | 1 | 1 | 6 | 4 | 2 |
| 1.5<3 | + | + | 1 | 1 | 1 | + |
| 0<1.5 | 30 | 3 | 2 | 1 | + | + |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15385 | | | | | |
|--|-----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | + | + | + | + | 1 | 54 |
| 50<80 | 0 | + | + | + | + | 4 |
| 35<50 | 0 | + | 0 | + | + | 3 |
| 20<35 | 0 | 0 | + | + | 1 | 6 |
| 10<20 | 0 | + | + | + | 2 | 10 |
| 6<10 | 0 | + | + | 1 | 2 | 6 |
| 3<6 | + | + | + | 1 | 2 | 2 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 1 | + | + | + | + | + |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4459 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | + | 1 | 1 | 7 | 27 |
| 50<80 | + | + | + | + | 1 | 3 |
| 35<50 | 0 | 0 | + | 0 | 1 | 2 |
| 20<35 | + | + | + | + | 3 | 6 |
| 10<20 | + | + | + | 1 | 9 | 7 |
| 6<10 | + | + | 1 | 2 | 9 | 3 |
| 3<6 | + | + | 1 | 1 | 2 | + |
| 1.5<3 | 0 | + | + | + | + | + |
| 0<1.5 | 4 | 2 | 1 | + | + | 0 |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3025 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | + | + | + | + | 6 | 29 |
| 50<80 | 0 | 0 | + | + | 1 | 3 |
| 35<50 | 0 | 0 | 0 | + | + | 1 |
| 20<35 | 0 | + | + | + | 4 | 9 |
| 10<20 | + | 1 | 1 | 3 | 13 | 14 |
| 6<10 | + | + | 1 | 1 | 3 | 1 |
| 3<6 | + | + | + | 1 | 1 | + |
| 1.5<3 | + | 0 | + | + | + | + |
| 0<1.5 | 3 | 1 | + | + | + | + |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15590 | | | | | |
|--|-----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | 1 | + | 1 | 24 | 13 |
| 50<80 | + | + | + | + | 3 | 1 |
| 35<50 | + | + | + | + | 3 | 1 |
| 20<35 | + | + | + | + | 4 | 1 |
| 10<20 | + | + | + | 1 | 5 | 1 |
| 6<10 | + | + | 1 | 2 | 8 | 1 |
| 3<6 | 1 | 2 | 2 | 4 | 9 | + |
| 1.5<3 | 1 | 1 | + | 1 | + | + |
| 0<1.5 | 6 | 1 | + | + | + | 0 |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3094 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | 1 | + | 1 | 21 | 17 |
| 50<80 | + | + | 0 | + | 2 | 2 |
| 35<50 | + | 0 | 0 | + | 1 | 1 |
| 20<35 | + | + | 0 | + | 6 | 4 |
| 10<20 | + | + | + | 1 | 11 | 5 |
| 6<10 | 1 | + | + | 1 | 4 | 1 |
| 3<6 | 1 | 1 | 1 | 1 | 2 | + |
| 1.5<3 | + | + | + | + | 1 | 0 |
| 0<1.5 | 8 | 1 | + | + | + | 0 |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3057 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | 1 | + | 1 | 17 | 23 |
| 50<80 | 0 | + | + | 0 | 2 | 2 |
| 35<50 | 0 | + | 0 | + | 1 | 1 |
| 20<35 | + | + | + | + | 5 | 6 |
| 10<20 | + | + | + | 2 | 13 | 4 |
| 6<10 | + | + | 1 | 1 | 3 | + |
| 3<6 | + | + | + | 1 | 2 | + |
| 1.5<3 | + | 0 | 0 | + | + | 0 |
| 0<1.5 | 7 | 2 | 1 | 1 | + | 0 |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 16563 | | | | | |
|--|-----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | + | + | 1 | 4 | 44 |
| 50<80 | + | + | + | + | 1 | 4 |
| 35<50 | + | + | + | + | 1 | 2 |
| 20<35 | + | + | + | + | 2 | 3 |
| 10<20 | + | + | + | 1 | 2 | 2 |
| 6<10 | + | + | + | 1 | 3 | 2 |
| 3<6 | 1 | 1 | 1 | 2 | 4 | 2 |
| 1.5<3 | 1 | + | + | + | + | + |
| 0<1.5 | 10 | 1 | + | + | + | + |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2967 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | + | + | + | + | 2 | 60 |
| 50<80 | 0 | 0 | 0 | 0 | + | 4 |
| 35<50 | 0 | 0 | 0 | 0 | + | 2 |
| 20<35 | 0 | + | + | + | 1 | 5 |
| 10<20 | + | + | + | 1 | 4 | 7 |
| 6<10 | + | + | + | 1 | 2 | 3 |
| 3<6 | + | + | 1 | 1 | 2 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 1 | + | + | + | + | 0 |

Cape Parry

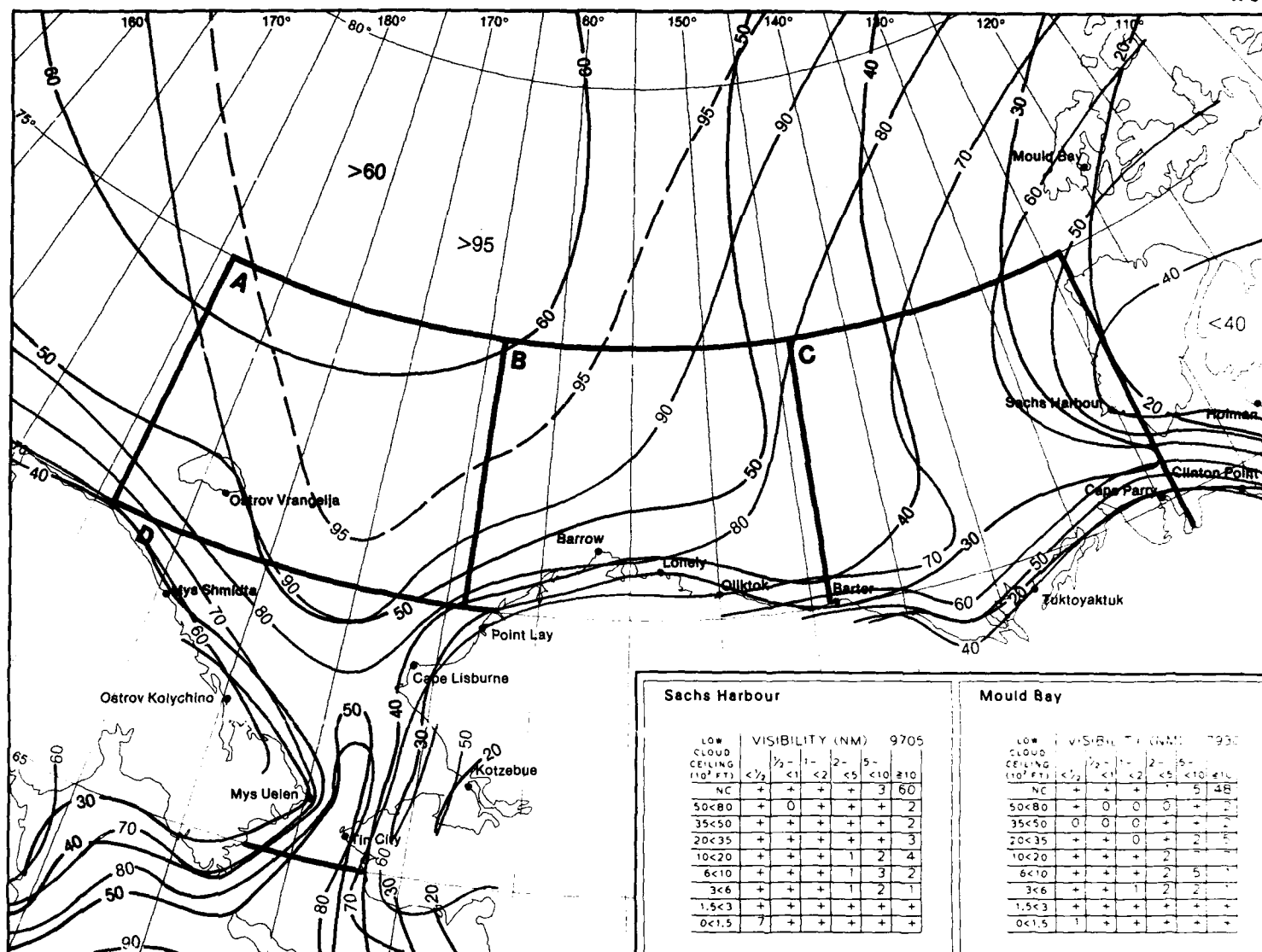
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 16901 | | | | | |
|--|-----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | 1 | 1 | 1 | 6 | 65 |
| 50<80 | + | 0 | + | + | + | 2 |
| 35<50 | + | + | 0 | + | + | 2 |
| 20<35 | + | + | + | + | + | 2 |
| 10<20 | + | + | + | + | 1 | 2 |
| 6<10 | + | + | + | + | 1 | 1 |
| 3<6 | + | 1 | 1 | 1 | 2 | 1 |
| 1.5<3 | + | 1 | 1 | 1 | + | + |
| 0<1.5 | 4 | 1 | + | + | + | + |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3740 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | + | + | + | + | 2 | 67 |
| 50<80 | 0 | + | + | + | + | 2 |
| 35<50 | + | + | 0 | 0 | + | 2 |
| 20<35 | + | + | + | + | 1 | 7 |
| 10<20 | + | + | + | 1 | 2 | 3 |
| 6<10 | + | + | + | + | 1 | 1 |
| 3<6 | 1 | 1 | + | 1 | 2 | 1 |
| 1.5<3 | + | + | 0 | + | + | 0 |
| 0<1.5 | 1 | + | + | + | + | 0 |

Holman

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2995 | | | | | |
|--|----------------------|------------------|-----|-----|------|-----------|
| | $\frac{1}{2}$ | $\frac{1}{2}$ -1 | 1-2 | 2-5 | 5-10 | ≥ 10 |
| NC | 1 | + | + | + | 3 | 61 |
| 50<80 | + | 0 | + | 0 | + | 4 |
| 35<50 | + | + | 0 | + | + | 2 |
| 20<35 | + | + | + | + | 2 | 9 |
| 10<20 | + | + | + | 1 | 3 | 5 |
| 6<10 | + | + | + | 1 | 1 | 1 |
| 3<6 | + | + | + | 1 | + | + |
| 1.5<3 | 0 | 0 | 0 | + | + | 0 |
| 0<1.5 | 4 | + | + | + | + | 0 |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 9705 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | + | 3 | 60 | |
| 50<80 | + | 0 | + | + | + | 2 | |
| 35<50 | + | + | + | + | + | 2 | |
| 20<35 | + | + | + | + | + | 3 | |
| 10<20 | + | + | + | 1 | 2 | 4 | |
| 6<10 | + | + | + | 1 | 3 | 2 | |
| 3<6 | + | + | + | 1 | 2 | 1 | |
| 1.5<3 | + | + | + | + | + | + | |
| 0<1.5 | 7 | + | + | + | + | + | |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 7930 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | + | 5 | 48 | |
| 50<80 | + | 0 | 0 | 0 | + | + | |
| 35<50 | 0 | 0 | 0 | 0 | + | + | |
| 20<35 | + | + | 0 | + | + | + | |
| 10<20 | + | + | + | + | 2 | + | |
| 6<10 | + | + | + | + | 5 | + | |
| 3<6 | + | + | + | 1 | 2 | 2 | |
| 1.5<3 | + | + | + | + | + | + | |
| 0<1.5 | 1 | + | + | + | + | + | |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 340 | | | | | | |
|--|---------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 2 | 1 | 1 | 2 | 21 | 12 | |
| 50<80 | 0 | 0 | + | 0 | 2 | 2 | |
| 35<50 | 0 | 0 | 0 | + | 1 | 2 | |
| 20<35 | + | 0 | 1 | 1 | 4 | 4 | |
| 10<20 | 0 | 0 | + | 2 | 2 | 5 | |
| 6<10 | 1 | 1 | + | 1 | 2 | 1 | |
| 3<6 | 1 | 1 | 1 | 2 | 2 | + | |
| 1.5<3 | 0 | 1 | + | 0 | + | 0 | |
| 0<1.5 | 18 | 2 | 2 | + | 0 | 0 | |

Marine Area B

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 276 | | | | | | |
|--|---------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 4 | 2 | 1 | 2 | 15 | 25 | |
| 50<80 | 1 | + | + | + | 2 | 1 | |
| 35<50 | + | 0 | + | + | 1 | 1 | |
| 20<35 | 0 | + | + | + | 3 | 2 | |
| 10<20 | + | + | + | + | 5 | 2 | |
| 6<10 | + | + | + | 1 | 3 | 1 | |
| 3<6 | + | + | + | 1 | 2 | + | |
| 1.5<3 | 1 | 1 | + | 1 | + | + | |
| 0<1.5 | 14 | 2 | 1 | 1 | + | 0 | |

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2670 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 2 | + | + | 1 | 10 | 46 | |
| 50<80 | + | 0 | + | 0 | 1 | 4 | |
| 35<50 | + | 0 | 0 | + | 1 | 2 | |
| 20<35 | + | 0 | 0 | + | 2 | 3 | |
| 10<20 | + | 0 | + | 1 | 3 | 4 | |
| 6<10 | 0 | + | + | 1 | 2 | 3 | |
| 3<6 | + | + | + | 1 | 2 | 1 | |
| 1.5<3 | + | + | + | + | 1 | + | |
| 0<1.5 | 5 | + | + | + | + | + | |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 232 | | | | | | |
|--|---------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 1 | + | + | + | 26 | | |
| 50<80 | + | + | 0 | + | 1 | 2 | |
| 35<50 | + | 0 | 0 | + | 1 | 2 | |
| 20<35 | + | + | + | + | 3 | 6 | |
| 10<20 | 1 | + | 1 | 1 | 6 | 5 | |
| 6<10 | + | + | 1 | 1 | 5 | 3 | |
| 3<6 | + | + | + | 1 | 1 | 2 | |
| 1.5<3 | + | + | + | + | 1 | + | |
| 0<1.5 | 14 | 2 | 1 | 1 | + | + | |

4 Ceiling and Visibility (mid range)

Ostrov Vrangolja

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4238 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + 1 2 28 |
| 50<80 | 0 0 0 + + 1 |
| 35<50 | 0 0 0 + + 2 |
| 20<35 | 0 + + 1 1 10 |
| 10<20 | + + 1 3 3 11 |
| 6<10 | + + 1 3 2 4 |
| 3<6 | + + 1 3 1 1 |
| 1.5<3 | 0 + 0 + 0 + |
| 0<1.5 | 15 + 0 + + + |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4537 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 1 1 2 2 33 |
| 50<80 | + 0 + + + 1 |
| 35<50 | 0 + + + + 2 |
| 20<35 | 0 + + + 1 4 |
| 10<20 | + 1 1 1 2 5 |
| 6<10 | + 1 1 2 2 2 |
| 3<6 | + 3 3 4 3 3 |
| 1.5<3 | + 2 1 1 + + |
| 0<1.5 | 11 + + 0 0 + |

Ostrov Kolyuchino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2543 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + 1 4 30 |
| 50<80 | 0 0 + + 1 2 |
| 35<50 | 0 0 0 + + 1 |
| 20<35 | + + + 1 4 8 |
| 10<20 | + + + 3 5 7 |
| 6<10 | 0 + 1 2 3 1 |
| 3<6 | + + 1 2 1 1 |
| 1.5<3 | 0 + + + + + |
| 0<1.5 | 19 + + 0 + 0 |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4518 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 2 + + 1 4 30 |
| 50<80 | 0 + 0 + + + |
| 35<50 | 0 0 + + + 1 |
| 20<35 | + + 0 1 1 7 |
| 10<20 | + + + 3 7 13 |
| 6<10 | + + 1 3 3 3 |
| 3<6 | 0 + 1 3 2 1 |
| 1.5<3 | + + + + + + |
| 0<1.5 | 11 + + + + + |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4673 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + + 2 17 |
| 50<80 | 0 0 + + + 1 |
| 35<50 | + 0 + + + 1 |
| 20<35 | + + + + 3 7 |
| 10<20 | 0 0 + 1 4 7 |
| 6<10 | + 0 + 4 5 3 |
| 3<6 | + 1 3 5 5 2 |
| 1.5<3 | + 1 1 1 + + |
| 0<1.5 | 20 2 2 1 + 0 |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15575 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + + 2 41 |
| 50<80 | 0 0 0 + + 4 |
| 35<50 | + 0 + + + 4 |
| 20<35 | 0 + + + 1 10 |
| 10<20 | + + + 1 4 15 |
| 6<10 | 0 + + 1 3 6 |
| 3<6 | + + + 1 1 2 |
| 1.5<3 | + + + + + + |
| 0<1.5 | + + + + + + |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4651 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + + 3 18 |
| 50<80 | 0 0 0 + + 2 |
| 35<50 | 0 + + + + 1 |
| 20<35 | + + + + 4 7 |
| 10<20 | + 1 1 4 13 13 |
| 6<10 | + 1 1 3 10 3 |
| 3<6 | + + 1 2 3 + |
| 1.5<3 | 0 + 0 + + 0 |
| 0<1.5 | 2 1 1 + 0 0 |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3289 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + 0 + 5 21 |
| 50<80 | + + + + 1 2 |
| 35<50 | 0 + 0 + + 1 |
| 20<35 | + + + + 5 8 |
| 10<20 | + 1 1 3 16 5 |
| 6<10 | + + 1 2 4 2 |
| 3<6 | + 1 1 1 2 1 |
| 1.5<3 | 0 0 + + + 0 |
| 0<1.5 | 2 1 + + 0 + |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15794 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + 1 15 7 |
| 50<80 | + + + + 1 1 |
| 35<50 | + 0 + + 2 + |
| 20<35 | + + + + 4 1 |
| 10<20 | + + + 1 10 2 |
| 6<10 | + 1 1 3 13 1 |
| 3<6 | 1 2 2 5 11 1 |
| 1.5<3 | + + + 1 1 0 |
| 0<1.5 | 7 1 + + + 0 |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3336 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + 1 11 11 |
| 50<80 | + + 0 0 2 2 |
| 35<50 | 0 0 0 + 1 1 |
| 20<35 | 0 + + + 6 4 |
| 10<20 | + + 1 2 16 7 |
| 6<10 | + + + 2 7 1 |
| 3<6 | 1 1 1 2 5 + |
| 1.5<3 | + + + + 1 + |
| 0<1.5 | 11 1 + + + 0 |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3301 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + 1 11 13 |
| 50<80 | + 0 0 + 2 1 |
| 35<50 | 0 0 0 + 1 1 |
| 20<35 | + + + + 7 5 |
| 10<20 | + + + 2 18 5 |
| 6<10 | + + 1 2 5 1 |
| 3<6 | + 1 1 2 3 + |
| 1.5<3 | + + + + + + |
| 0<1.5 | 10 3 1 1 + + |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 16325 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + 1 + 5 29 |
| 50<80 | + + + + 1 4 |
| 35<50 | + + + + 1 2 |
| 20<35 | + + + + 2 2 |
| 10<20 | + + + 1 4 2 |
| 6<10 | + + 1 1 5 2 |
| 3<6 | 2 2 2 3 5 2 |
| 1.5<3 | 1 + + + + + |
| 0<1.5 | 14 2 + + + + |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2955 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | + + + + 1 46 |
| 50<80 | + + + 0 + 4 |
| 35<50 | 0 0 0 0 + 2 |
| 20<35 | 0 0 0 + 2 7 |
| 10<20 | + + + 1 6 11 |
| 6<10 | + + + 1 3 4 |
| 3<6 | + + 1 1 2 1 |
| 1.5<3 | 0 + + + + + |
| 0<1.5 | 2 1 + + + 0 |

Cape Perry

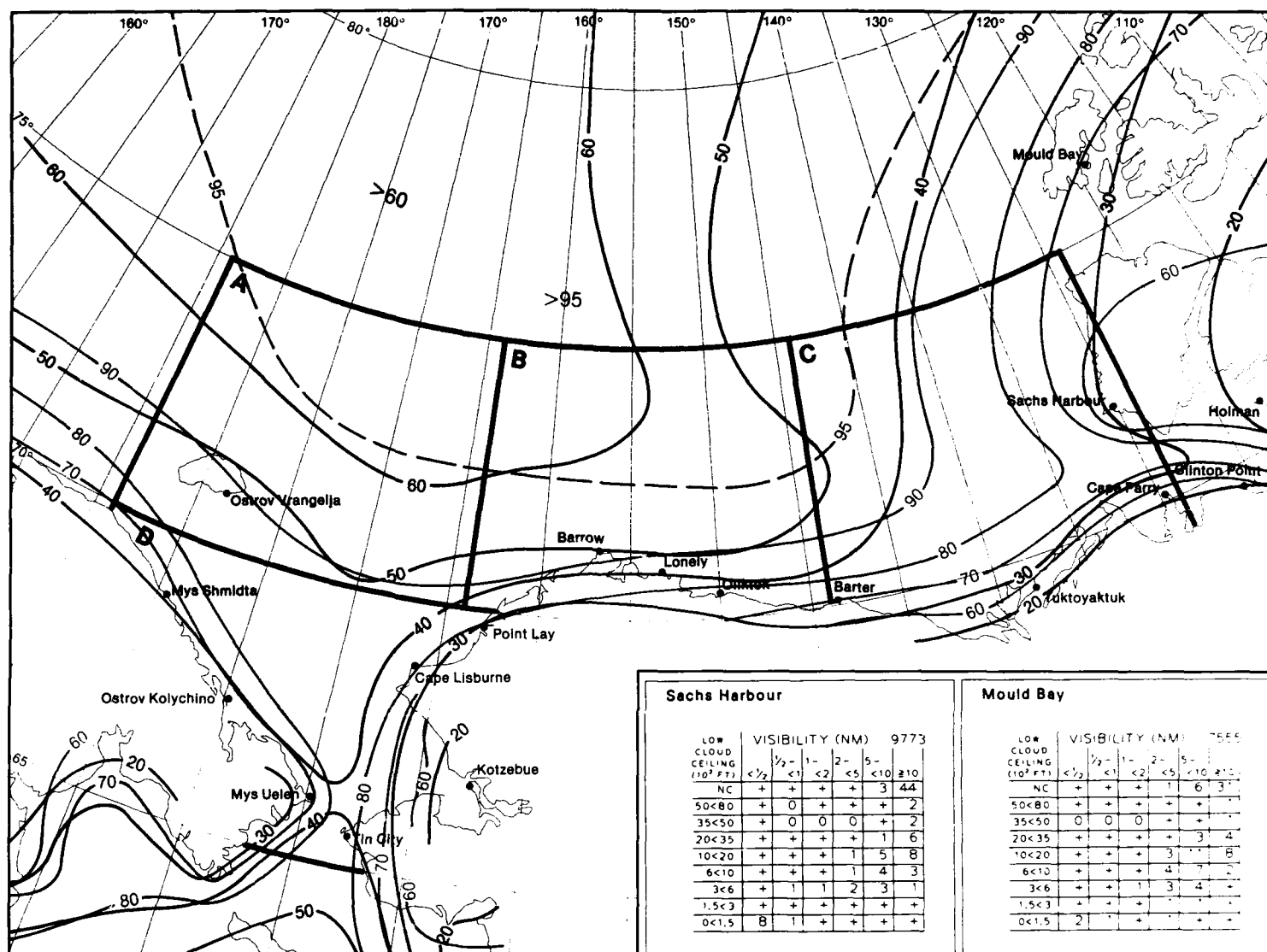
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 16104 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + 1 8 48 |
| 50<80 | + + + + + 1 |
| 35<50 | + + 0 + + 1 |
| 20<35 | + + + + 1 4 |
| 10<20 | + + + + 3 7 |
| 6<10 | + + + 1 3 3 |
| 3<6 | + 1 1 2 3 1 |
| 1.5<3 | + 1 1 1 + + |
| 0<1.5 | 4 1 + + + + |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3777 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | + + + 1 3 52 |
| 50<80 | + + + + + 2 |
| 35<50 | 0 0 + + + 3 |
| 20<35 | + 0 + + 1 9 |
| 10<20 | + + + 2 5 10 |
| 6<10 | + + + 1 2 2 |
| 3<6 | + + + 1 1 + |
| 1.5<3 | + + + + + + |
| 0<1.5 | 1 + + + + + |

Holman

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2868 |
|--|---------------------------------------|
| | $\frac{1}{2}$ - 1 - 2 - 5 - ≥ 10 |
| NC | 1 + + + 3 4 |
| 50<80 | + + 0 + + 3 |
| 35<50 | 0 0 0 0 + 2 |
| 20<35 | + + 0 + 2 10 |
| 10<20 | + + + 1 6 9 |
| 6<10 | + + + 1 1 1 |
| 3<6 | + + + 1 1 + |
| 1.5<3 | + + 0 + + 0 |
| 0<1.5 | 6 + + + + 0 |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 9773 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 3 | 44 |
| 50<80 | + | 0 | + | + | + | 2 |
| 35<50 | + | 0 | 0 | 0 | + | 2 |
| 20<35 | + | + | + | + | 1 | 6 |
| 10<20 | + | + | + | 1 | 5 | 8 |
| 6<10 | + | + | + | 1 | 4 | 3 |
| 3<6 | + | 1 | 1 | 2 | 3 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 8 | 1 | + | + | + | + |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 7555 | | | | | |
|--|----------------------|-------|-----|-----|------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 1 | 6 2 3 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | 0 | 0 | 0 | + | + | + |
| 20<35 | + | + | + | + | + | 3 4 |
| 10<20 | + | + | + | 3 | 7 | 8 |
| 6<10 | + | + | + | 4 | 7 | 2 |
| 3<6 | + | + | 1 | 3 | 4 | + |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 2 | 1 | + | + | + | + |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 524 | | | | | |
|--|---------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | 1 | 1 | 6 | 18 |
| 50<80 | 0 | + | 0 | + | 1 | 1 |
| 35<50 | 0 | 0 | 0 | + | 1 | 2 |
| 20<35 | + | + | + | 1 | 3 | 7 |
| 10<20 | + | + | 1 | 2 | 6 | 7 |
| 6<10 | 1 | 0 | 1 | 2 | 4 | 2 |
| 3<6 | + | 1 | 1 | 1 | 2 | 1 |
| 1.5<3 | 0 | + | 1 | 1 | 1 | + |
| 0<1.5 | 16 | 2 | 1 | 1 | 1 | + |

Marine Area B

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4090 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 1 | 1 | 1 | 10 | 14 |
| 50<80 | + | 0 | + | + | 1 | 1 |
| 35<50 | + | + | + | + | 1 | 1 |
| 20<35 | + | + | + | + | 6 | 4 |
| 10<20 | + | + | 1 | 3 | 11 | 5 |
| 6<10 | + | + | 1 | 3 | 7 | 2 |
| 3<6 | + | + | + | 1 | 2 | 1 |
| 1.5<3 | + | + | + | + | 1 | + |
| 0<1.5 | 10 | 3 | 1 | 1 | + | + |

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 5720 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 1 | 1 | 1 | 9 | 29 |
| 50<80 | + | + | + | + | 1 | 3 |
| 35<50 | + | 0 | 0 | + | 1 | 1 |
| 20<35 | + | + | + | + | 3 | 5 |
| 10<20 | + | + | + | 1 | 7 | 6 |
| 6<10 | + | + | + | 1 | 3 | 2 |
| 3<6 | + | + | 1 | 1 | 3 | 2 |
| 1.5<3 | + | + | + | 1 | 1 | + |
| 0<1.5 | 7 | 1 | 1 | + | + | + |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 1949 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | + | 6 | 2 3 |
| 50<80 | + | 0 | + | + | + | + |
| 35<50 | + | 0 | + | + | + | + |
| 20<35 | 0 | + | + | + | 1 | 4 |
| 10<20 | + | + | + | 2 | 7 | + |
| 6<10 | 0 | + | + | 1 | 4 | 5 |
| 3<6 | + | + | + | 1 | 2 | 2 |
| 1.5<3 | + | 0 | + | + | + | + |
| 0<1.5 | 9 | 2 | 1 | 1 | + | + |

4 Ceiling and Visibility (mid range)

August

Ostrov Vrangeliya

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4048 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | + | + | 24 |
| 50<80 | 0 | 0 | + | + | + | 1 |
| 35<50 | 0 | 0 | + | + | + | 3 |
| 20<35 | + | + | + | 2 | 2 | 15 |
| 10<20 | + | 1 | 1 | 7 | 6 | 13 |
| 6<10 | + | + | 1 | 3 | 2 | 3 |
| 3<6 | + | + | + | 2 | 1 | + |
| 1.5<3 | 0 | 0 | 0 | + | + | + |
| 0<1.5 | 6 | + | 0 | + | + | + |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4299 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | + | 3 | 27 |
| 50<80 | 0 | 0 | 0 | + | + | 1 |
| 35<50 | 0 | + | + | + | + | 3 |
| 20<35 | + | + | 1 | 1 | 2 | 6 |
| 10<20 | 1 | 1 | 2 | 2 | 3 | 8 |
| 6<10 | + | 1 | 1 | 2 | 2 | 3 |
| 3<6 | 1 | 4 | 3 | 4 | 3 | 3 |
| 1.5<3 | + | 1 | 1 | + | + | + |
| 0<1.5 | 5 | + | + | + | 0 | + |

Ostrov Kolychino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2424 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | 1 | 9 | 15 |
| 50<80 | 0 | + | + | + | 1 | 1 |
| 35<50 | 0 | 0 | 0 | + | + | 1 |
| 20<35 | + | 0 | + | 1 | 8 | 10 |
| 10<20 | + | + | 1 | 4 | 11 | 11 |
| 6<10 | + | + | 1 | 2 | 3 | 2 |
| 3<6 | 0 | + | + | 2 | 1 | + |
| 1.5<3 | + | 0 | 0 | + | + | + |
| 0<1.5 | 12 | + | + | + | + | + |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4331 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | 1 | 2 | 26 |
| 50<80 | 0 | 0 | 0 | 0 | 0 | + |
| 35<50 | 0 | 0 | 0 | + | + | 1 |
| 20<35 | + | + | + | 1 | 2 | 15 |
| 10<20 | + | + | 1 | 5 | 7 | 15 |
| 6<10 | 0 | + | 1 | 3 | 3 | 2 |
| 3<6 | + | + | 1 | 2 | 2 | 1 |
| 1.5<3 | 0 | + | + | + | + | + |
| 0<1.5 | 7 | + | + | + | + | + |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4364 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 3 | 17 |
| 50<80 | + | + | 0 | 0 | + | 1 |
| 35<50 | + | + | 0 | + | 1 | 2 |
| 20<35 | + | + | + | 1 | 4 | 12 |
| 10<20 | + | + | + | 2 | 7 | 9 |
| 6<10 | 0 | + | 1 | 4 | 7 | 4 |
| 3<6 | + | + | 2 | 4 | 3 | 2 |
| 1.5<3 | + | + | 1 | 1 | + | + |
| 0<1.5 | 8 | 1 | 2 | + | + | 0 |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15249 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 2 | 50 |
| 50<80 | + | 0 | 0 | + | + | 5 |
| 35<50 | + | 0 | + | + | 1 | 5 |
| 20<35 | + | + | + | + | 2 | 10 |
| 10<20 | + | + | + | 1 | 4 | 11 |
| 6<10 | 0 | + | + | 1 | 3 | 2 |
| 3<6 | + | + | + | 1 | 1 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | + | + | + | + | + | 0 |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4634 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 5 | 12 |
| 50<80 | 0 | 0 | 0 | + | 1 | 1 |
| 35<50 | + | 0 | 0 | + | 1 | 3 |
| 20<35 | 0 | + | + | 1 | 11 | 12 |
| 10<20 | + | + | + | 3 | 18 | 9 |
| 6<10 | 0 | 1 | 1 | 3 | 8 | 2 |
| 3<6 | 0 | + | + | 1 | 1 | + |
| 1.5<3 | 0 | 0 | + | + | 0 | 0 |
| 0<1.5 | 1 | 1 | 1 | 1 | + | 0 |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3234 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 7 | 18 |
| 50<80 | 0 | 0 | + | + | 1 | 1 |
| 35<50 | 0 | 0 | 0 | 0 | 1 | 1 |
| 20<35 | + | + | + | + | 5 | 5 |
| 10<20 | + | 1 | 1 | 4 | 22 | 14 |
| 6<10 | + | + | 1 | 2 | 5 | 2 |
| 3<6 | + | 1 | 1 | 1 | 2 | + |
| 1.5<3 | + | 0 | 0 | + | + | 0 |
| 0<1.5 | 2 | + | + | + | 0 | 0 |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15300 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 10 | 5 |
| 50<80 | + | 0 | 0 | + | 1 | + |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | + | + | 6 | 1 |
| 10<20 | + | + | 1 | 2 | 19 | 2 |
| 6<10 | + | 1 | 1 | 4 | 17 | 1 |
| 3<6 | + | 1 | 2 | 5 | 8 | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 4 | 1 | 1 | + | + | 0 |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3264 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | + | 9 | 7 |
| 50<80 | + | + | + | + | 1 | + |
| 35<50 | + | 0 | + | 0 | 1 | + |
| 20<35 | + | + | 0 | + | 6 | 3 |
| 10<20 | + | + | 1 | 2 | 24 | 9 |
| 6<10 | + | 1 | 1 | 2 | 10 | 1 |
| 3<6 | 1 | 1 | 1 | 2 | 5 | + |
| 1.5<3 | + | + | + | + | 1 | 0 |
| 0<1.5 | 6 | 1 | + | + | + | + |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3240 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | 1 | 10 | 8 |
| 50<80 | 0 | + | + | + | 2 | 1 |
| 35<50 | 0 | 0 | 0 | 0 | 1 | + |
| 20<35 | + | + | + | + | 8 | 4 |
| 10<20 | + | + | 1 | 3 | 24 | 7 |
| 6<10 | + | 1 | 1 | 2 | 6 | + |
| 3<6 | + | 1 | 1 | 1 | 2 | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 7 | 3 | 1 | 1 | + | 0 |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 5663 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 1 | 4 | 24 |
| 50<80 | + | + | + | + | 1 | 2 |
| 35<50 | + | + | + | + | 1 | 1 |
| 20<35 | + | + | + | + | 3 | 4 |
| 10<20 | + | 1 | 1 | 2 | 9 | 6 |
| 6<10 | + | 1 | 1 | 2 | 5 | 2 |
| 3<6 | 1 | 2 | 2 | 2 | 4 | 1 |
| 1.5<3 | 1 | + | + | + | + | + |
| 0<1.5 | 0 | 2 | 1 | + | 0 | 0 |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2824 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 2 | 36 |
| 50<80 | 0 | 0 | + | 0 | 1 | 3 |
| 35<50 | 0 | 0 | 0 | 0 | + | 2 |
| 20<35 | + | 0 | + | + | 3 | 8 |
| 10<20 | + | + | + | 1 | 10 | 12 |
| 6<10 | + | + | + | 1 | 5 | 3 |
| 3<6 | + | + | + | 1 | 3 | 1 |
| 1.5<3 | 0 | + | + | + | + | 0 |
| 0<1.5 | 3 | 1 | + | + | 0 | 0 |

Cape Parry

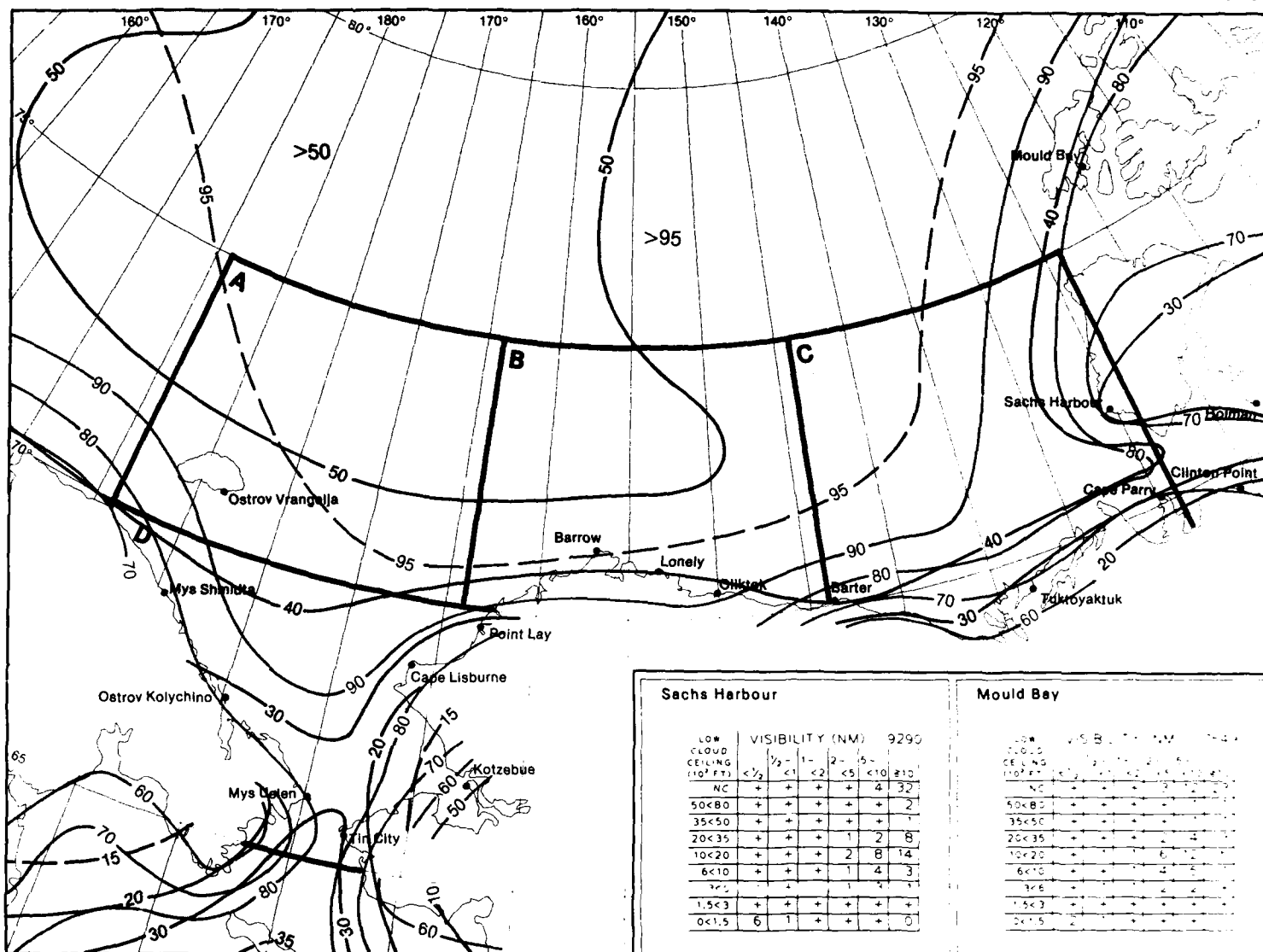
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14984 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 8 | 35 |
| 50<80 | + | + | + | 0 | + | 1 |
| 35<50 | + | + | + | + | + | 1 |
| 20<35 | + | + | + | + | 2 | 6 |
| 10<20 | + | + | + | 1 | 6 | 10 |
| 6<10 | + | + | + | 1 | 4 | 3 |
| 3<6 | + | 1 | 1 | 2 | 3 | 1 |
| 1.5<3 | + | + | 1 | + | + | + |
| 0<1.5 | 3 | 1 | + | + | + | 0 |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3663 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 2 | 38 |
| 50<80 | + | + | + | + | + | 2 |
| 35<50 | + | 0 | 0 | + | 1 | 2 |
| 20<35 | + | + | + | 1 | 2 | 16 |
| 10<20 | 1 | + | + | 1 | 6 | 12 |
| 6<10 | + | 1 | + | 1 | 3 | 2 |
| 3<6 | + | 1 | + | 1 | 1 | 1 |
| 1.5<3 | + | + | 0 | + | + | 0 |
| 0<1.5 | 1 | + | + | + | 0 | 0 |

Holmen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2814 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 3 | 33 |
| 50<80 | + | 0 | 0 | + | 1 | 3 |
| 35<50 | + | + | + | 0 | 1 | 3 |
| 20<35 | + | + | + | 1 | 3 | 14 |
| 10<20 | 1 | 1 | 1 | 3 | 7 | 10 |
| 6<10 | + | + | + | 1 | 2 | 1 |
| 3<6 | + | + | + | + | 1 | + |
| 1.5<3 | + | 0 | 0 | 0 | + | 0 |
| 0<1.5 | 7 | 1 | + | + | + | 0 |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 9290 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | + | + |
| 50<80 | + | + | + | + | + | 2 |
| 35<50 | + | + | + | + | + | 1 |
| 20<35 | + | + | + | 1 | 2 | 8 |
| 10<20 | + | + | + | 2 | 8 | 14 |
| 6<10 | + | + | + | 1 | 4 | 3 |
| 3<6 | + | + | + | 1 | 4 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 6 | 1 | + | + | + | 0 |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 9290 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | + | + |
| 50<80 | + | + | + | + | + | 2 |
| 35<50 | + | + | + | + | + | 1 |
| 20<35 | + | + | + | 1 | 2 | 8 |
| 10<20 | + | + | + | 2 | 8 | 14 |
| 6<10 | + | + | + | 1 | 4 | 3 |
| 3<6 | + | + | + | 1 | 4 | 1 |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 6 | 1 | + | + | + | 0 |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 585 | | | | | |
|--|---------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | + | 1 | 3 | 10 |
| 50<80 | 0 | 0 | 0 | 0 | 0 | + |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 1 |
| 20<35 | + | + | 0 | 1 | 10 | 9 |
| 10<20 | 0 | 0 | 1 | 4 | 7 | 11 |
| 6<10 | 1 | 1 | 1 | 2 | 9 | 4 |
| 3<6 | + | + | 0 | 1 | 4 | 3 |
| 1.5<3 | 0 | 0 | + | 1 | 2 | 1 |
| 0<1.5 | 7 | 1 | 1 | 1 | 1 | + |

Marine Area B

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2215 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 1 | 1 | 10 | 8 |
| 50<80 | + | + | 0 | 0 | 1 | + |
| 35<50 | 0 | 0 | + | + | 1 | 1 |
| 20<35 | + | + | + | 1 | 9 | 3 |
| 10<20 | + | + | 1 | 3 | 17 | 6 |
| 6<10 | + | 1 | 1 | 3 | 7 | 2 |
| 3<6 | + | + | 1 | 1 | 2 | 1 |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 8 | 3 | 2 | 1 | 1 | + |

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 5040 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 1 | 1 | 1 | 9 | 23 |
| 50<80 | + | + | + | + | 1 | 2 |
| 35<50 | + | + | + | + | 1 | 1 |
| 20<35 | + | + | + | 1 | 4 | 4 |
| 10<20 | + | + | + | 2 | 10 | 6 |
| 6<10 | + | + | + | 1 | 5 | 2 |
| 3<6 | + | 1 | 1 | 2 | 5 | 1 |
| 1.5<3 | + | + | + | 1 | 1 | + |
| 0<1.5 | 6 | 1 | 1 | 1 | + | + |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 1585 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | + | + |
| 50<80 | + | + | + | + | + | + |
| 35<50 | + | + | + | + | + | + |
| 20<35 | + | + | + | + | + | + |
| 10<20 | + | + | + | + | + | + |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | + | + | + | + |
| 0<1.5 | 4 | 2 | + | + | + | + |

4 Ceiling and Visibility (mid range)

September

Ostrov Vrangeliya

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4241 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 1 | 2 | 2 | 5 | 4 | 3 | 1 |
| 50<80 | + | + | + | + | + | + | 1 |
| 35<50 | + | + | + | 1 | 1 | 1 | 3 |
| 20<35 | + | + | 1 | 5 | 4 | 13 | |
| 10<20 | + | 1 | 2 | 6 | 3 | 6 | |
| 6<10 | + | + | + | 1 | 1 | 1 | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 1 | 0 | 0 | + | + | 0 | |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4553 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 2 | 2 | 1 | 3 | 6 | 30 | |
| 50<80 | 0 | + | + | + | + | + | 1 |
| 35<50 | + | + | + | + | 1 | 3 | |
| 20<35 | 1 | 1 | 1 | 3 | 4 | 7 | |
| 10<20 | 2 | 3 | 3 | 5 | 3 | 5 | |
| 6<10 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 3<6 | + | + | + | 1 | 1 | 1 | |
| 1.5<3 | + | + | + | + | 0 | + | |
| 0<1.5 | 1 | + | + | + | 0 | + | |

Ostrov Kolyuchino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2715 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 1 | + | 1 | 3 | 14 | 13 | |
| 50<80 | 0 | 0 | + | 1 | 1 | 1 | |
| 35<50 | 0 | 0 | + | + | 1 | 1 | |
| 20<35 | + | 0 | 1 | 3 | 11 | 8 | |
| 10<20 | 1 | 1 | 5 | 8 | 11 | 6 | |
| 6<10 | 0 | + | 1 | 1 | 1 | 1 | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 2 | + | + | + | + | + | |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4515 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | 1 | 2 | 21 | |
| 50<80 | 0 | 0 | 0 | + | + | + | |
| 35<50 | 0 | 0 | + | + | + | 2 | |
| 20<35 | + | + | 1 | 3 | 4 | 20 | |
| 10<20 | + | 1 | 4 | 11 | 8 | 14 | |
| 6<10 | + | + | 1 | 1 | 1 | 1 | |
| 3<6 | 0 | + | + | + | 1 | + | |
| 1.5<3 | 0 | + | + | + | 0 | 0 | |
| 0<1.5 | 1 | 0 | 0 | 0 | 0 | + | |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4455 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | 1 | 4 | 16 | |
| 50<80 | + | 0 | 0 | + | + | 1 | |
| 35<50 | 0 | 0 | + | + | 1 | 3 | |
| 20<35 | + | + | 1 | 3 | 12 | 13 | |
| 10<20 | + | + | 2 | 4 | 8 | 5 | |
| 6<10 | + | + | 1 | 3 | 4 | 1 | |
| 3<6 | + | + | 1 | 1 | 1 | + | |
| 1.5<3 | 0 | + | + | + | + | 0 | |
| 0<1.5 | 7 | 1 | 2 | + | 0 | 0 | |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15696 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | + | 3 | 5 | 1 |
| 50<80 | 0 | + | + | + | + | 4 | |
| 35<50 | + | 0 | + | + | 1 | 5 | |
| 20<35 | + | + | + | 1 | 3 | 9 | |
| 10<20 | + | + | 1 | 2 | 4 | 5 | |
| 6<10 | + | + | + | 1 | 2 | 1 | |
| 3<6 | + | + | + | + | 1 | + | |
| 1.5<3 | 0 | + | + | + | + | 0 | |
| 0<1.5 | 1 | 1 | 1 | 1 | + | + | |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4512 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | + | 7 | 13 | |
| 50<80 | 0 | 0 | + | 0 | 1 | 1 | |
| 35<50 | 0 | + | + | + | 2 | 2 | |
| 20<35 | + | + | + | 2 | 17 | 10 | |
| 10<20 | 1 | 1 | 2 | 5 | 18 | 5 | |
| 6<10 | + | + | + | 1 | 3 | 1 | |
| 3<6 | + | 0 | + | + | + | + | |
| 1.5<3 | 0 | 0 | 0 | + | + | 0 | |
| 0<1.5 | 1 | 1 | 1 | 1 | + | 0 | |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3179 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 1 | 1 | 1 | 1 | 1 | 10 | |
| 50<80 | 0 | + | + | + | 2 | + | |
| 35<50 | 0 | 0 | 0 | + | + | + | |
| 20<35 | + | + | + | 1 | 6 | 4 | |
| 10<20 | 1 | 1 | 1 | 5 | 22 | + | |
| 6<10 | + | 1 | 1 | 2 | 4 | + | |
| 3<6 | + | 1 | + | + | + | + | |
| 1.5<3 | + | 0 | + | 0 | 0 | 0 | |
| 0<1.5 | 2 | + | + | + | 0 | + | |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15462 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 1 | 1 | 1 | 2 | 16 | 7 | |
| 50<80 | + | + | + | + | 1 | 1 | |
| 35<50 | + | + | + | + | 1 | + | |
| 20<35 | + | + | + | 1 | 7 | 2 | |
| 10<20 | + | 1 | 2 | 6 | 19 | 1 | |
| 6<10 | 1 | 1 | 1 | 4 | 11 | + | |
| 3<6 | 1 | 1 | 1 | 2 | 3 | + | |
| 1.5<3 | + | + | + | + | + | + | |
| 0<1.5 | 2 | 1 | + | + | + | 0 | |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3342 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | 1 | + | + | 1 | 15 | 11 | |
| 50<80 | 0 | + | + | + | 2 | 1 | |
| 35<50 | + | 0 | + | + | 1 | + | |
| 20<35 | + | + | + | 1 | 5 | 2 | |
| 10<20 | + | 1 | 1 | 4 | 24 | 5 | |
| 6<10 | 1 | 1 | 1 | 3 | 7 | + | |
| 3<6 | 1 | 1 | 1 | 1 | 3 | + | |
| 1.5<3 | + | 0 | + | + | + | 0 | |
| 0<1.5 | 2 | 1 | + | + | + | + | |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3346 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | 1 | + | 1 | 16 | 11 | |
| 50<80 | + | + | + | + | 2 | 1 | |
| 35<50 | 0 | + | + | + | 1 | + | |
| 20<35 | + | + | + | 1 | 8 | 2 | |
| 10<20 | + | 2 | 2 | 6 | 24 | 4 | |
| 6<10 | + | 1 | 1 | 3 | 4 | + | |
| 3<6 | + | 1 | 1 | 1 | 1 | + | |
| 1.5<3 | 0 | 0 | 0 | + | + | 0 | |
| 0<1.5 | 2 | 1 | + | + | 0 | 0 | |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15954 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | 2 | 1 | 22 | |
| 50<80 | + | + | + | + | 1 | + | |
| 35<50 | + | + | + | + | 1 | + | |
| 20<35 | + | + | + | 2 | 5 | 3 | |
| 10<20 | 1 | 2 | 2 | 6 | 12 | 4 | |
| 6<10 | + | 1 | 1 | 3 | 5 | + | |
| 3<6 | + | + | 1 | 1 | 1 | + | |
| 1.5<3 | + | + | + | + | + | 0 | |
| 0<1.5 | 4 | 2 | 1 | + | + | 0 | |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2953 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | + | 6 | 29 | |
| 50<80 | 0 | 0 | + | + | 1 | 2 | |
| 35<50 | 0 | 0 | + | + | 1 | 1 | |
| 20<35 | + | + | + | 1 | 5 | 8 | |
| 10<20 | + | 1 | 1 | 4 | 13 | 11 | |
| 6<10 | + | + | 1 | 1 | 4 | 2 | |
| 3<6 | + | + | + | 1 | 1 | + | |
| 1.5<3 | + | 0 | + | + | + | + | |
| 0<1.5 | 1 | 1 | 1 | + | + | 0 | |

Cape Parry

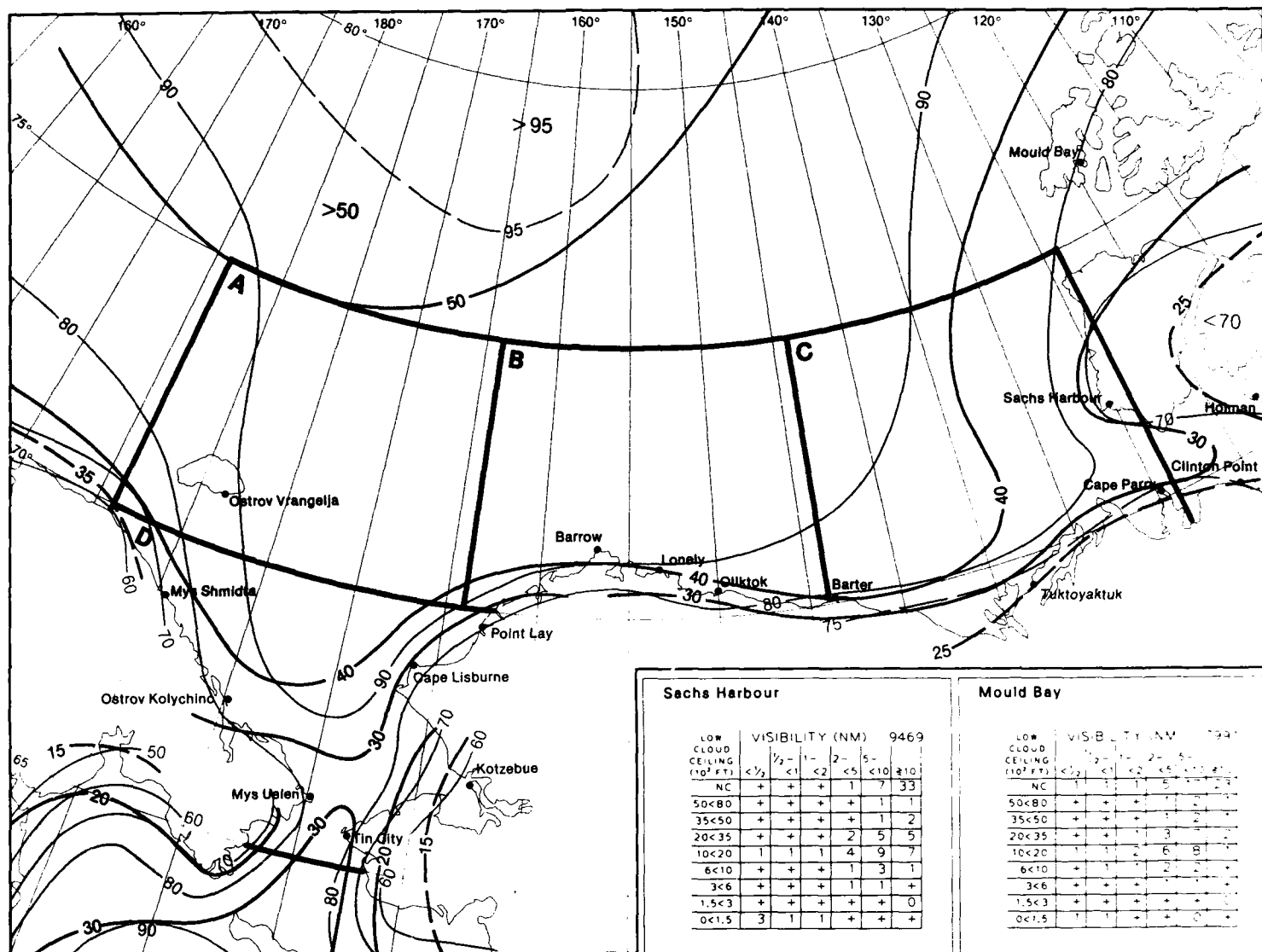
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 16199 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | 2 | 9 | 25 | |
| 50<80 | + | + | + | + | 1 | 1 | |
| 35<50 | + | + | + | + | 1 | 1 | |
| 20<35 | + | + | + | 2 | 5 | 5 | |
| 10<20 | 1 | 2 | 1 | 4 | 11 | 10 | |
| 6<10 | + | 1 | 1 | 2 | 4 | 2 | |
| 3<6 | + | + | + | 1 | 1 | + | |
| 1.5<3 | + | + | + | + | + | + | |
| 0<1.5 | 1 | 1 | + | + | + | 0 | |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3754 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | 1 | 3 | 28 | |
| 50<80 | + | + | 0 | + | 1 | 2 | |
| 35<50 | + | + | + | + | 1 | 3 | |
| 20<35 | 1 | + | + | 1 | 6 | 13 | |
| 10<20 | 2 | 1 | 1 | 3 | 9 | 12 | |
| 6<10 | 1 | + | + | 1 | 2 | 2 | |
| 3<6 | + | + | + | 1 | 1 | + | |
| 1.5<3 | + | + | + | + | 0 | 0 | |
| 0<1.5 | + | + | + | 0 | 0 | 0 | |

Holman

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3012 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 |
| NC | + | + | + | 1 | 7 | 34 | |
| 50<80 | + | + | + | + | 1 | 4 | |
| 35<50 | + | + | + | + | 1 | 3 | |
| 20<35 | + | + | + | 1 | 5 | 10 | |
| 10<20 | 1 | 1 | 1 | 4 | 10 | + | |
| 6<10 | + | 1 | 1 | 1 | 1 | 1 | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | + | + | 0 | 0 | 0 | |
| 0<1.5 | 3 | + | + | + | + | + | |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 9469 |
|--|-----------------|-------|-----|-----|------|-------|-----|------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | + | + | + | + | + | + | + | 33 |
| 50<80 | + | + | + | + | + | + | + | 1 |
| 35<50 | + | + | + | + | + | + | + | 2 |
| 20<35 | + | + | + | + | + | + | + | 5 |
| 10<20 | 1 | 1 | 1 | 4 | 9 | 7 | | |
| 6<10 | + | + | + | 1 | 3 | 1 | | |
| 3<6 | + | + | + | 1 | 1 | + | | |
| 1.5<3 | + | + | + | + | + | + | 0 | |
| 0<1.5 | 3 | 1 | 1 | + | + | + | | |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 7997 |
|--|-----------------|-------|-----|-----|------|-------|-----|------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | + | + | + | + | + | + | + | 2 |
| 50<80 | + | + | + | + | + | + | + | 1 |
| 35<50 | + | + | + | + | + | + | + | 2 |
| 20<35 | + | + | + | + | + | + | + | 3 |
| 10<20 | 1 | 1 | 1 | 2 | 6 | 8 | | |
| 6<10 | + | + | + | 1 | 2 | 2 | | |
| 3<6 | + | + | + | + | + | + | | |
| 1.5<3 | + | + | + | + | + | + | | |
| 0<1.5 | 1 | 1 | + | + | + | + | 0 | |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 178 |
|--|-----------------|-------|-----|-----|------|-------|-----|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 8 | 1 | 1 | 1 | 18 | 11 | | |
| 50<80 | 0 | 0 | 1 | 1 | 3 | 0 | | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| 20<35 | 0 | 0 | 1 | 3 | 5 | 2 | | |
| 10<20 | 1 | 1 | 1 | 2 | 4 | 3 | | |
| 6<10 | 1 | 1 | 0 | 1 | 3 | 4 | | |
| 3<6 | 0 | 0 | 0 | 0 | 1 | 1 | | |
| 1.5<3 | 0 | 0 | 0 | 1 | 0 | 1 | | |
| 0<1.5 | 12 | 6 | 0 | 1 | 1 | 0 | | |

Marine Area B

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 810 |
|--|-----------------|-------|-----|-----|------|-------|-----|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 1 | + | 1 | 2 | 21 | 17 | | |
| 50<80 | 0 | 0 | + | + | 2 | 1 | | |
| 35<50 | 0 | + | + | + | 2 | + | | |
| 20<35 | + | + | + | 2 | 9 | 3 | | |
| 10<20 | + | + | 2 | 4 | 8 | 3 | | |
| 6<10 | + | 1 | 1 | 2 | 4 | 2 | | |
| 3<6 | 0 | + | 1 | + | 1 | + | | |
| 1.5<3 | 0 | 0 | + | 0 | + | + | | |
| 0<1.5 | 4 | 2 | 1 | 1 | 1 | 0 | | |

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 2463 |
|--|-----------------|-------|-----|-----|------|-------|-----|------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 1 | 1 | 1 | 1 | 12 | 18 | | |
| 50<80 | 0 | 0 | 0 | + | 1 | 1 | | |
| 35<50 | 0 | 0 | 0 | + | 1 | + | | |
| 20<35 | 0 | 0 | + | 1 | 3 | 3 | | |
| 10<20 | + | + | 1 | 3 | 9 | 10 | | |
| 6<10 | + | + | 1 | 2 | 5 | 3 | | |
| 3<6 | + | 1 | 1 | 3 | 6 | 2 | | |
| 1.5<3 | + | + | + | 1 | 1 | 1 | | |
| 0<1.5 | 2 | 1 | 1 | 1 | 1 | + | | |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) | | | | | | | 696 |
|--|-----------------|-------|-----|-----|------|-------|-----|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | ≥20 | |
| NC | 0 | 0 | + | + | + | + | | |
| 50<80 | + | 0 | 0 | + | + | + | 1 | |
| 35<50 | 0 | 0 | + | + | + | + | 1 | |
| 20<35 | 0 | + | 2 | 2 | 3 | 6 | | |
| 10<20 | 1 | 1 | 1 | 2 | 8 | 9 | | |
| 6<10 | + | + | 1 | 2 | 4 | 4 | | |
| 3<6 | 0 | 0 | + | 1 | 2 | + | | |
| 1.5<3 | 0 | 0 | + | + | + | + | | |
| 0<1.5 | 2 | 1 | 3 | 3 | 3 | 1 | | |

4 Ceiling and Visibility (mid range)

October

Ostrov Vrangeliya

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4116 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 3 | 3 | 4 | 9 | 6 | 34 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | + | + | + | + | + | + |
| 20<35 | 1 | 1 | 2 | 4 | 3 | 4 |
| 10<20 | 1 | 1 | 2 | 6 | 2 | 4 |
| 6<10 | + | + | + | 1 | 1 | 1 |
| 3<6 | 0 | 0 | + | + | + | + |
| 1.5<3 | + | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 1 | + | + | + | 0 | + |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4341 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 6 | 4 | 3 | 6 | 8 | 29 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | + | + | + | 1 | 1 | 1 |
| 20<35 | 1 | 1 | 1 | 3 | 3 | 2 |
| 10<20 | 4 | 3 | 3 | 5 | 3 | 2 |
| 6<10 | 1 | 1 | 1 | 1 | + | + |
| 3<6 | + | 1 | 1 | + | + | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 2 | + | 0 | 0 | + | + |

Ostrov Kolychino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2577 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 2 | 5 | 30 | 15 |
| 50<80 | + | + | 1 | 2 | 2 | + |
| 35<50 | 0 | + | 0 | + | 1 | + |
| 20<35 | + | + | 1 | 3 | 9 | 4 |
| 10<20 | + | 1 | 4 | 4 | 7 | 2 |
| 6<10 | + | + | + | 1 | 1 | + |
| 3<6 | + | 0 | 0 | + | + | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | + | 0 |
| 0<1.5 | 1 | + | + | 0 | + | 0 |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4324 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | 1 | 2 | 2 | 28 |
| 50<80 | 0 | 0 | + | + | + | + |
| 35<50 | 0 | + | + | + | + | + |
| 20<35 | + | + | 2 | 3 | 3 | 10 |
| 10<20 | 1 | 2 | 6 | 12 | 7 | 12 |
| 6<10 | + | + | 1 | 2 | 1 | + |
| 3<6 | 0 | + | + | 1 | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | + | + |
| 0<1.5 | + | 0 | + | 0 | + | + |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4091 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 1 | 1 | 2 | 11 | 17 |
| 50<80 | 0 | + | + | + | 1 | 1 |
| 35<50 | + | 0 | + | + | 2 | 1 |
| 20<35 | 1 | 1 | 3 | 5 | 10 | 4 |
| 10<20 | + | 1 | 2 | 5 | 6 | 3 |
| 6<10 | + | + | + | 2 | 1 | + |
| 3<6 | + | + | + | 1 | + | + |
| 1.5<3 | + | + | 0 | + | + | 0 |
| 0<1.5 | + | 2 | 1 | + | 0 | 0 |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15455 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | 1 | 5 | 48 |
| 50<80 | + | + | + | + | 1 | 3 |
| 35<50 | + | + | + | + | 2 | 4 |
| 20<35 | + | + | 1 | 2 | 5 | 7 |
| 10<20 | + | + | 1 | 2 | 4 | 3 |
| 6<10 | + | + | + | + | 1 | 1 |
| 3<6 | 0 | + | + | + | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | + |
| 0<1.5 | 2 | 1 | 1 | 1 | + | 0 |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4138 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | 1 | + | 1 | 13 | 1 |
| 50<80 | 0 | 0 | 0 | + | 1 | 1 |
| 35<50 | 0 | + | + | + | 1 | + |
| 20<35 | + | + | + | 2 | 11 | 4 |
| 10<20 | + | 1 | 2 | 6 | 21 | 3 |
| 6<10 | + | + | + | 1 | 3 | + |
| 3<6 | + | 0 | 0 | + | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | + | 0 |
| 0<1.5 | 2 | 2 | 1 | 1 | + | 0 |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3232 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 3 | + | + | 3 | 23 | 18 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | + | + | + | + | + | + |
| 20<35 | + | + | + | + | 5 | + |
| 10<20 | 2 | 2 | + | 4 | 15 | 4 |
| 6<10 | + | + | + | + | 2 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | + | 0 | 0 | + | + |
| 0<1.5 | 3 | + | + | + | + | + |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14740 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 2 | 4 | 28 | 9 |
| 50<80 | + | + | + | + | 1 | 2 |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | + | 2 | 6 | 1 |
| 10<20 | 2 | 1 | 2 | 5 | 11 | + |
| 6<10 | + | 1 | 1 | 2 | 6 | + |
| 3<6 | + | + | + | 1 | 2 | + |
| 1.5<3 | + | + | + | + | + | + |
| 0<1.5 | 2 | + | + | + | + | + |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3235 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 1 | 3 | 32 | 15 |
| 50<80 | + | + | + | + | 2 | + |
| 35<50 | + | + | 0 | + | 1 | + |
| 20<35 | + | + | + | 1 | 5 | 1 |
| 10<20 | 1 | 1 | 2 | 3 | 13 | 3 |
| 6<10 | 1 | 1 | + | 1 | 2 | + |
| 3<6 | 1 | + | + | 1 | 1 | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 2 | 1 | + | + | + | 0 |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3219 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | 2 | 1 | 3 | 29 | 16 |
| 50<80 | 0 | + | + | + | 2 | 1 |
| 35<50 | 0 | + | + | + | 1 | + |
| 20<35 | + | + | + | 1 | 5 | 1 |
| 10<20 | 1 | 1 | 2 | 5 | 14 | 2 |
| 6<10 | + | 1 | 1 | 1 | 1 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | 0 | 0 | + | + | 0 |
| 0<1.5 | 2 | + | + | + | 0 | 0 |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15158 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 2 | + | 2 | 2 | 4 | 26 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | + | + | + | + | + | + |
| 20<35 | + | + | + | + | 5 | + |
| 10<20 | 1 | 2 | 2 | 5 | 10 | + |
| 6<10 | + | + | + | 1 | 4 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | 0 | + | 0 | + | + |
| 0<1.5 | 4 | 1 | + | + | + | + |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2956 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | 1 | 10 | 48 |
| 50<80 | 0 | + | + | + | 2 | 2 |
| 35<50 | 0 | + | + | + | 1 | 1 |
| 20<35 | + | + | 1 | 1 | 5 | 3 |
| 10<20 | + | + | 1 | 3 | 8 | 3 |
| 6<10 | + | + | 1 | 1 | 2 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 1 | + | + | + | 0 | 0 |

Cape Parry

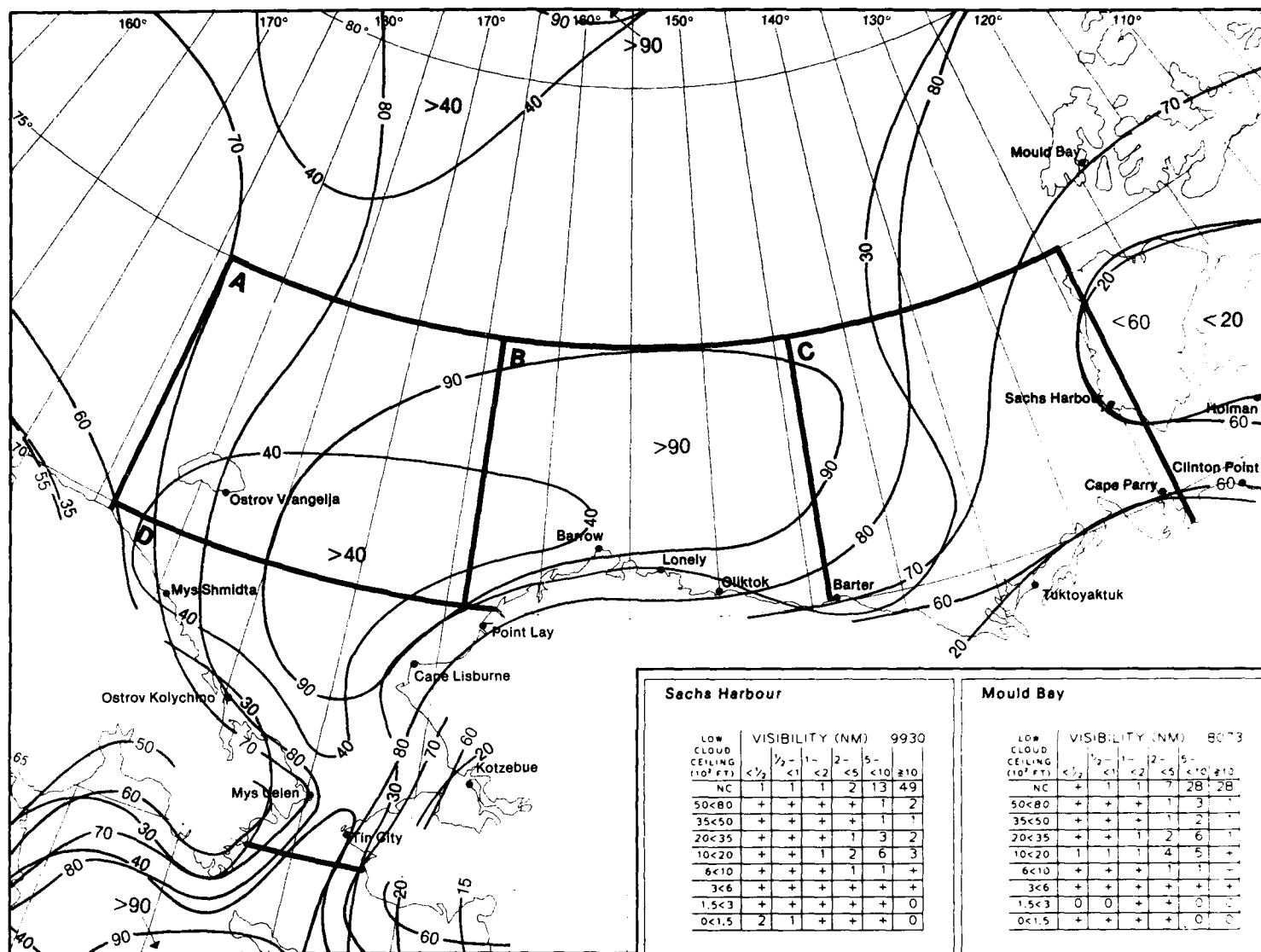
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 17038 | | | | | |
|--|-----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | 1 | 1 | 4 | 20 | 38 |
| 50<80 | + | + | + | + | 1 | 1 |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | + | 1 | 1 | 3 |
| 10<20 | 1 | 1 | 1 | 3 | 7 | 2 |
| 6<10 | + | + | 1 | 1 | 2 | 1 |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 1 | 1 | + | + | + | 0 |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3757 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | + | + | + | + | 1 | 45 |
| 50<80 | + | + | + | + | 1 | 2 |
| 35<50 | + | + | + | + | 1 | 1 |
| 20<35 | 1 | + | + | 1 | 4 | 4 |
| 10<20 | 2 | 2 | 1 | 3 | 8 | 6 |
| 6<10 | 1 | + | 1 | 1 | 2 | 1 |
| 3<6 | + | + | + | + | 1 | + |
| 1.5<3 | 0 | 0 | 0 | + | 0 | + |
| 0<1.5 | 1 | + | 0 | + | 0 | 0 |

Holman

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2891 | | | | | |
|--|----------------------|-------|-----|-----|------|-----|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | ≥10 |
| NC | 1 | + | + | 1 | + | 46 |
| 50<80 | + | 0 | + | + | 1 | 3 |
| 35<50 | + | + | + | + | 1 | 1 |
| 20<35 | 1 | + | + | 1 | 4 | 5 |
| 10<20 | 1 | 1 | 1 | 4 | 8 | 2 |
| 6<10 | + | + | 1 | 1 | 1 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | + | + | + | 0 |
| 0<1.5 | 2 | + | + | + | 0 | 0 |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 9930 | | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | 20-40 | 40-90 |
| NC | 1 | 1 | 1 | 2 | 13 | 49 | | |
| 50<80 | + | + | + | + | 1 | 2 | | |
| 35<50 | + | + | + | + | 1 | 1 | | |
| 20<35 | + | + | + | 1 | 3 | 2 | | |
| 10<20 | + | + | 1 | 2 | 6 | 3 | | |
| 6<10 | + | + | + | 1 | 1 | + | | |
| 3<6 | + | + | + | + | + | + | | |
| 1.5<3 | + | + | + | + | + | + | 0 | |
| 0<1.5 | 2 | 1 | + | + | + | + | 0 | |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 8073 | | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | 20-40 | 40-90 |
| NC | + | 1 | 1 | + | 28 | 28 | | |
| 50<80 | + | + | + | + | 1 | 3 | | |
| 35<50 | + | + | + | + | 1 | 2 | | |
| 20<35 | + | + | + | 1 | 2 | 6 | | |
| 10<20 | 1 | 1 | 1 | 4 | 5 | + | | |
| 6<10 | + | + | + | 1 | 1 | + | | |
| 3<6 | + | + | + | + | + | + | | |
| 1.5<3 | 0 | 0 | + | + | 0 | 0 | | |
| 0<1.5 | + | + | + | + | 0 | 0 | | |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15 | | | | | | | |
|--|--------------------|-------|-----|-----|------|-------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | 20-40 | 40-90 |
| NC | 0 | 0 | 0 | 0 | 33 | 20 | | |
| 50<80 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 20<35 | 0 | 0 | 0 | 0 | 0 | 7 | | |
| 10<20 | 0 | 0 | 0 | 7 | 13 | 7 | | |
| 6<10 | 0 | 0 | 0 | 0 | 7 | 0 | | |
| 3<6 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 0<1.5 | 0 | 0 | 0 | 0 | 7 | 0 | | |

Marine Area B

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 435 | | | | | | | |
|--|---------------------|-------|-----|-----|------|-------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | 20-40 | 40-90 |
| NC | 1 | + | 1 | 8 | 54 | 6 | | |
| 50<80 | + | + | 1 | 3 | 8 | + | | |
| 35<50 | 0 | 0 | 0 | + | 1 | 0 | | |
| 20<35 | 0 | 0 | 0 | + | 4 | + | | |
| 10<20 | 0 | + | + | + | 2 | + | | |
| 6<10 | 0 | 0 | 0 | 1 | 1 | + | | |
| 3<6 | 0 | 0 | 0 | + | + | 0 | | |
| 1.5<3 | 0 | 0 | 0 | + | 0 | 0 | | |
| 0<1.5 | 4 | 1 | + | 1 | 0 | 0 | | |

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 1292 | | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | 20-40 | 40-90 |
| NC | 1 | 1 | 1 | 2 | 16 | 51 | | |
| 50<80 | 0 | 0 | + | + | 2 | 2 | | |
| 35<50 | 0 | 0 | + | + | + | 1 | | |
| 20<35 | 0 | + | + | + | 3 | 2 | | |
| 10<20 | 0 | + | + | 1 | 4 | 2 | | |
| 6<10 | 0 | + | + | + | 1 | + | | |
| 3<6 | 0 | + | + | + | 1 | 1 | | |
| 1.5<3 | 0 | 0 | + | + | + | + | | |
| 0<1.5 | 1 | 1 | 1 | + | + | + | | |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 86 | | | | | | | |
|--|--------------------|-------|-----|-----|------|-------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-20 | 20-40 | 40-90 |
| NC | 0 | 0 | 0 | 1 | 1 | 9 | | |
| 50<80 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 20<35 | 0 | 0 | 0 | 0 | 3 | 5 | | |
| 10<20 | 0 | 1 | 0 | 3 | 10 | + | | |
| 6<10 | 1 | 0 | 0 | 6 | 12 | 1 | | |
| 3<6 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 0<1.5 | 2 | 0 | 5 | 8 | 1 | 6 | | |

4 Ceiling and Visibility (mid range)

November

Ostrov Vrangeliya

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4170 | | | | | |
|--|----------------------|---|---|----|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 2 | 2 | 4 | 11 | 9 | 50 |
| 50<80 | 0 | + | + | + | + | + |
| 35<50 | + | + | + | + | + | 1 |
| 20<35 | + | + | 1 | 3 | 2 | 2 |
| 10<20 | + | 1 | 1 | 3 | 1 | 2 |
| 6<10 | + | + | + | 1 | + | + |
| 3<6 | + | 0 | + | + | + | + |
| 1.5<3 | 0 | + | + | 0 | 0 | 0 |
| 0<1.5 | 1 | + | + | 0 | 0 | + |

Mys Shmidt

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4420 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 5 | 5 | 5 | 7 | 15 | 39 |
| 50<80 | + | + | + | + | + | + |
| 35<50 | + | + | + | 1 | 1 | 1 |
| 20<35 | 1 | 1 | 1 | 2 | 1 | 1 |
| 10<20 | 2 | 1 | 2 | 2 | 1 | 1 |
| 6<10 | + | + | + | 1 | + | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | + | + | + | 0 | + |
| 0<1.5 | 1 | + | 0 | 0 | + | 0 |

Ostrov Kolychino

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2566 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 1 | 1 | 2 | 4 | 4 | 22 |
| 50<80 | 0 | + | 2 | 3 | 3 | + |
| 35<50 | 0 | 0 | 0 | + | + | + |
| 20<35 | + | + | + | 1 | 3 | 2 |
| 10<20 | 0 | + | 1 | 2 | 2 | 1 |
| 6<10 | 0 | + | 0 | + | + | + |
| 3<6 | + | 0 | 0 | + | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | + |
| 0<1.5 | 1 | + | 1 | + | 0 | 0 |

Mys Uelen

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4445 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | + | 1 | 2 | 5 | 6 | 50 |
| 50<80 | 0 | + | + | + | + | + |
| 35<50 | 0 | + | + | + | + | 1 |
| 20<35 | + | + | 1 | 2 | 2 | 4 |
| 10<20 | 1 | 1 | 3 | 8 | 4 | 5 |
| 6<10 | + | + | + | 1 | + | 1 |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | + | 0 | + | + | 0 |
| 0<1.5 | + | + | 0 | 0 | + | + |

Tin City

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4007 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 5 | 5 | 5 | 8 | 17 | 14 |
| 50<80 | + | + | 0 | + | + | + |
| 35<50 | 1 | + | + | + | 1 | + |
| 20<35 | 3 | 1 | 1 | 2 | 5 | 1 |
| 10<20 | 2 | 2 | 2 | 3 | 3 | + |
| 6<10 | 1 | 1 | 2 | 1 | 1 | + |
| 3<6 | + | + | + | 1 | + | + |
| 1.5<3 | + | 0 | + | + | 0 | 0 |
| 0<1.5 | 9 | 1 | + | + | 0 | 0 |

Kotzebue

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15507 | | | | | |
|--|-----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | + | + | 1 | 2 | 9 | 53 |
| 50<80 | + | + | + | + | 1 | 3 |
| 35<50 | + | + | + | + | 2 | 2 |
| 20<35 | + | + | + | 1 | 4 | 3 |
| 10<20 | + | + | 1 | 2 | 4 | 2 |
| 6<10 | + | + | + | 1 | 1 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | + | + | + | + |
| 0<1.5 | 3 | 1 | 1 | 1 | + | 0 |

Cape Lisburne

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4227 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 1 | 1 | 1 | 2 | 17 | 30 |
| 50<80 | 0 | + | + | + | 1 | 1 |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | 1 | 2 | 8 | 4 |
| 10<20 | + | 1 | 1 | 4 | 13 | 3 |
| 6<10 | 0 | + | + | 1 | 2 | + |
| 3<6 | 0 | + | 0 | + | + | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 1 | 1 | + | + | + | 0 |

Point Lay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3352 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 4 | 3 | 2 | 3 | 33 | 20 |
| 50<80 | + | + | 0 | + | 1 | 1 |
| 35<50 | + | + | + | + | + | + |
| 20<35 | + | + | + | 1 | 3 | 1 |
| 10<20 | 2 | 1 | 1 | 3 | 10 | 2 |
| 6<10 | + | 1 | + | + | 1 | + |
| 3<6 | + | + | + | + | + | 0 |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 3 | 1 | + | + | + | 0 |

Barrow

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14692 | | | | | |
|--|-----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 1 | 2 | 2 | 5 | 38 | 13 |
| 50<80 | + | + | + | 1 | 3 | + |
| 35<50 | 0 | + | + | + | 2 | + |
| 20<35 | + | + | 1 | 2 | 6 | + |
| 10<20 | + | 1 | 1 | 2 | 7 | + |
| 6<10 | + | + | 1 | 1 | 3 | + |
| 3<6 | + | + | + | + | 1 | + |
| 1.5<3 | + | + | + | + | + | 0 |
| 0<1.5 | 2 | 1 | + | + | + | 0 |

Lonely

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3395 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 1 | 1 | 1 | 3 | 43 | 18 |
| 50<80 | + | + | + | + | 3 | 1 |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | + | 1 | 4 | 1 |
| 10<20 | 1 | 1 | 1 | 2 | 10 | 1 |
| 6<10 | + | + | + | 1 | 1 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | + | + | 0 | + | 0 | 0 |
| 0<1.5 | 1 | + | + | + | + | 0 |

Oliktok

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3336 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 1 | 2 | 2 | 3 | 38 | 19 |
| 50<80 | 0 | + | + | + | 2 | + |
| 35<50 | + | + | + | + | 1 | + |
| 20<35 | + | + | + | 1 | 4 | 2 |
| 10<20 | 1 | 1 | 1 | 3 | 10 | 1 |
| 6<10 | + | + | + | + | 1 | 0 |
| 3<6 | + | + | + | + | + | 0 |
| 1.5<3 | + | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 2 | 1 | + | + | + | 0 |

Barter

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 15211 | | | | | |
|--|-----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 3 | 2 | 2 | 4 | 20 | 30 |
| 50<80 | + | + | + | 1 | 4 | 2 |
| 35<50 | + | + | + | 1 | 1 | 1 |
| 20<35 | 1 | 1 | 1 | 2 | 4 | 1 |
| 10<20 | 1 | 1 | 1 | 3 | 5 | 1 |
| 6<10 | + | + | + | 1 | 1 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | + | + | 0 | + | 0 |
| 0<1.5 | 4 | 1 | + | + | + | 0 |

Tuktoyaktuk

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 3023 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | + | + | + | 2 | 14 | 50 |
| 50<80 | + | + | + | + | 3 | 2 |
| 35<50 | + | 0 | + | + | 1 | 1 |
| 20<35 | + | + | + | 1 | 5 | 3 |
| 10<20 | 1 | 1 | 1 | 2 | 5 | 2 |
| 6<10 | + | + | + | + | 1 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | + | 0 | 0 | 0 |
| 0<1.5 | 2 | + | 1 | + | 0 | 0 |

Cape Perry

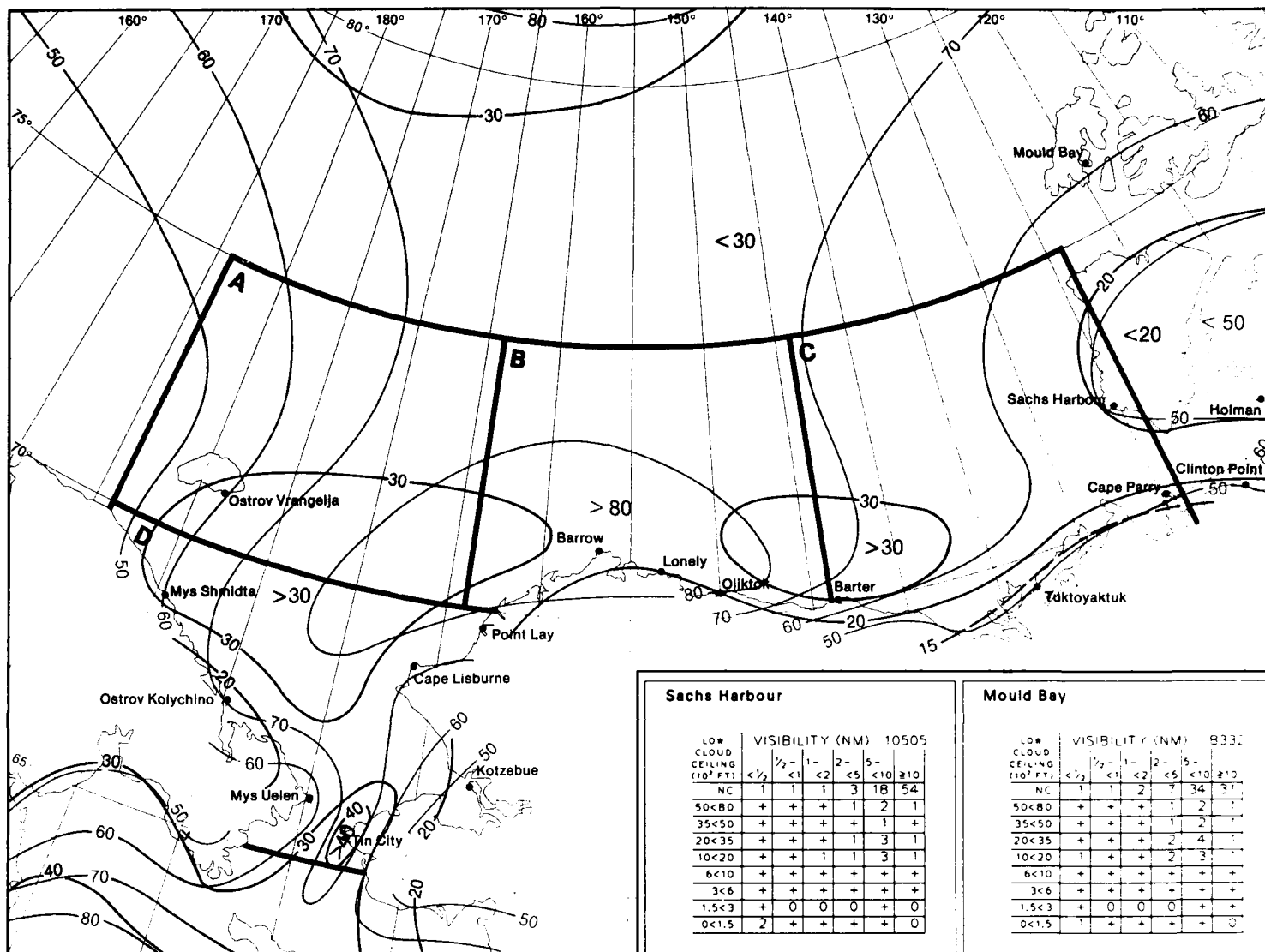
| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 18124 | | | | | |
|--|-----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 1 | 1 | 2 | 6 | 27 | 40 |
| 50<80 | + | + | + | 1 | 1 | 1 |
| 35<50 | + | + | + | 1 | 1 | 1 |
| 20<35 | + | + | 1 | 1 | 3 | 1 |
| 10<20 | + | 1 | 1 | 1 | 3 | 1 |
| 6<10 | + | + | + | + | 1 | + |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | + | + | + | + | 0 |
| 0<1.5 | 1 | + | + | + | + | 0 |

Clinton Point

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 4026 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | + | 1 | + | 1 | 11 | 59 |
| 50<80 | + | + | + | + | 2 | 2 |
| 35<50 | + | + | + | + | 1 | 2 |
| 20<35 | + | 1 | + | 1 | 4 | 3 |
| 10<20 | 1 | 1 | 1 | 1 | 2 | 1 |
| 6<10 | + | + | + | + | + | + |
| 3<6 | + | + | + | + | 0 | 0 |
| 1.5<3 | 0 | 0 | 0 | + | 0 | + |
| 0<1.5 | 1 | + | 0 | + | 0 | 0 |

Holman

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 2934 | | | | | |
|--|----------------------|---|---|---|----|-----------|
| | $\frac{1}{2}$ | 1 | 2 | 5 | 10 | ≥ 10 |
| NC | 1 | + | + | 1 | 8 | 55 |
| 50<80 | + | + | + | + | 2 | 3 |
| 35<50 | + | + | + | + | 1 | 1 |
| 20<35 | 1 | + | 1 | 1 | 5 | 4 |
| 10<20 | 1 | 1 | 1 | 3 | 5 | 1 |
| 6<10 | + | + | + | + | + | 0 |
| 3<6 | + | + | + | + | + | + |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0<1.5 | 2 | + | + | + | + | + |



Sachs Harbour

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 10505 | | | | | | |
|--|-----------------------|-------|-----|-----|------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | 15-20 |
| NC | 1 | 1 | 1 | 3 | 18 | 54 | |
| 50<80 | + | + | + | 1 | 2 | 1 | |
| 35<50 | + | + | + | + | 1 | + | |
| 20<35 | + | + | + | 1 | 3 | 1 | |
| 10<20 | + | + | 1 | 1 | 3 | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | 0 | 0 | 0 | + | 0 | |
| 0<1.5 | 2 | + | + | + | + | 0 | |

Mould Bay

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 8332 | | | | | | |
|--|----------------------|-------|-----|-----|------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | 15-20 |
| NC | 1 | 1 | 2 | 7 | 34 | 31 | |
| 50<80 | + | + | + | 1 | 2 | 1 | |
| 35<50 | + | + | + | + | 1 | 2 | |
| 20<35 | + | + | + | 2 | 4 | 1 | |
| 10<20 | 1 | + | + | 2 | 3 | 1 | |
| 6<10 | + | + | + | + | + | + | |
| 3<6 | + | + | + | + | + | + | |
| 1.5<3 | + | 0 | 0 | 0 | 0 | + | |
| 0<1.5 | 1 | + | + | + | + | 0 | |

Marine Area A

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 61 | | | | | | |
|--|--------------------|-------|-----|-----|------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | 15-20 |
| NC | 2 | 0 | 0 | 2 | 11 | 56 | |
| 50<80 | 0 | 0 | 0 | 7 | 0 | 8 | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20<35 | 0 | 0 | 0 | 3 | 0 | 3 | |
| 10<20 | 0 | 0 | 0 | 7 | 0 | 0 | |
| 6<10 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3<6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 0 | 0 | 2 | 0 | 0 | 0 | |

Marine Area B

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 57 | | | | | | |
|--|--------------------|-------|-----|-----|------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | 15-20 |
| NC | 0 | 4 | 0 | 0 | 28 | 49 | |
| 50<80 | 0 | 0 | 0 | 0 | 2 | 2 | |
| 35<50 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 20<35 | 0 | 0 | 0 | 2 | 0 | 2 | |
| 10<20 | 0 | 0 | 2 | 0 | 0 | 2 | |
| 6<10 | 0 | 0 | 2 | 2 | 0 | 0 | |
| 3<6 | 0 | 0 | 0 | 0 | 2 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 4 | 0 | 0 | 0 | 0 | 0 | |

Marine Area C

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 485 | | | | | | |
|--|---------------------|-------|-----|-----|------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | 15-20 |
| NC | 1 | + | 1 | 5 | 19 | 60 | |
| 50<80 | 0 | + | 0 | + | 1 | 1 | |
| 35<50 | 0 | 0 | + | 0 | + | + | |
| 20<35 | 0 | 0 | 0 | 1 | 2 | 1 | |
| 10<20 | 0 | + | 0 | 1 | 2 | 1 | |
| 6<10 | 0 | + | 0 | + | + | 0 | |
| 3<6 | + | 0 | + | 1 | 0 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 0 | 0 | 0 | 0 | 0 | 0 | |

Marine Area D

| LOW CLOUD CEILING (10 ³ FT) | VISIBILITY (NM) 14 | | | | | | |
|--|--------------------|-------|-----|-----|------|-------|-------|
| | <1/2 | 1/2-1 | 1-2 | 2-5 | 5-10 | 10-15 | 15-20 |
| NC | 0 | 0 | 0 | 0 | 7 | 0 | |
| 50<80 | 0 | 0 | 0 | 0 | 7 | 0 | |
| 35<50 | 0 | 0 | 0 | 0 | 7 | 0 | |
| 20<35 | 0 | 0 | 0 | 0 | 29 | 2 | |
| 10<20 | 7 | 0 | 0 | 0 | 0 | 0 | |
| 6<10 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3<6 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1.5<3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0<1.5 | 0 | 14 | 0 | 7 | 0 | 0 | |

4 Ceiling and Visibility (mid range)

December

Map 5. Visibility thresholds

TABLE - Percent frequency of visibility (nautical miles).

Albers Equal-Area Conic Projection

Graphs: Visibility thresholds

Percent frequency of visibility of various ranges for designated marine areas and coastal stations.

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 1.2 |
| .5 <1 | 2.9 |
| 1 <2 | 1.2 |
| 2 <5 | 3.2 |
| 5 <10 | 30.7 |
| ≥10 | 60.8 |
| N= | 342 |

(2.9% of the observed visibilities were <1 but ≥1/2 nautical mile. Other percentages can be similarly interpreted.)

| | | | | | |
|----------------|----|---|---|----|----|
| Nautical miles | .5 | 1 | 2 | 5 | 10 |
| Kilometers | 1 | 2 | 4 | 10 | 20 |

N = Observation count.

Visibility is a term that denotes the greatest distance from an observer that an object of known characteristics can be seen and identified with the unaided eye. When the visibility is not the same in all directions, the greatest distance common to one-half or more of the horizon circle is determined. Visibilities are difficult to measure at sea because of the lack of reference points. Climatically, many low visibility observations probably are missed because the observer is too busy with other duties (this is a form of fair weather bias). Also, some observers seem to report reduced visibilities at night because of darkness, though this tendency has abated in recent years. However, the coarseness of the visibility intervals (see code table) tends to minimize the problem, thereby permitting the summarized data to be relatively consistent. Visibilities greater than 25 nautical miles should be interpreted cautiously because the earth's curvature makes it impossible to see that distance horizontally from the bridge of most ships.

| VISIBILITY (WMO Code, 1982) | | | |
|-----------------------------|----------------------------|-------------------------------------|---------------|
| Code figs. | Visibility (vv) in m/km | Visibility (vv) in yd./naut. mi. | Code figs. |
| 90 | less than 50 m | less than 55 yd. | 90 |
| 91 | 50 but less than 200 m | 55 but less than 220 yd. | 91 |
| 92 | 200 but less than 500 m | 220 but less than 550 yd. | 92 |
| 93 | 500 but less than 1000 m | 550 but less than 1/2 n. mi. | 93 |
| 94 | 1 but less than 2 km | 1/2 but less than 1 n. mi. | 94 |
| 95 | 2 but less than 4 km | 1 but less than 2 n. mi. | 95 |
| 96 | 4 but less than 10 km | 2 but less than 5 n. mi. | 96 |
| 97 | 10 but less than 20 km | 5 but less than 11 n. mi. | 97 |
| 98 | 20 but less than 50 km | 11 but less than 27 n. mi. | 98 |
| 99 | 50 km or more | 27 n. mi. or more | 99 |

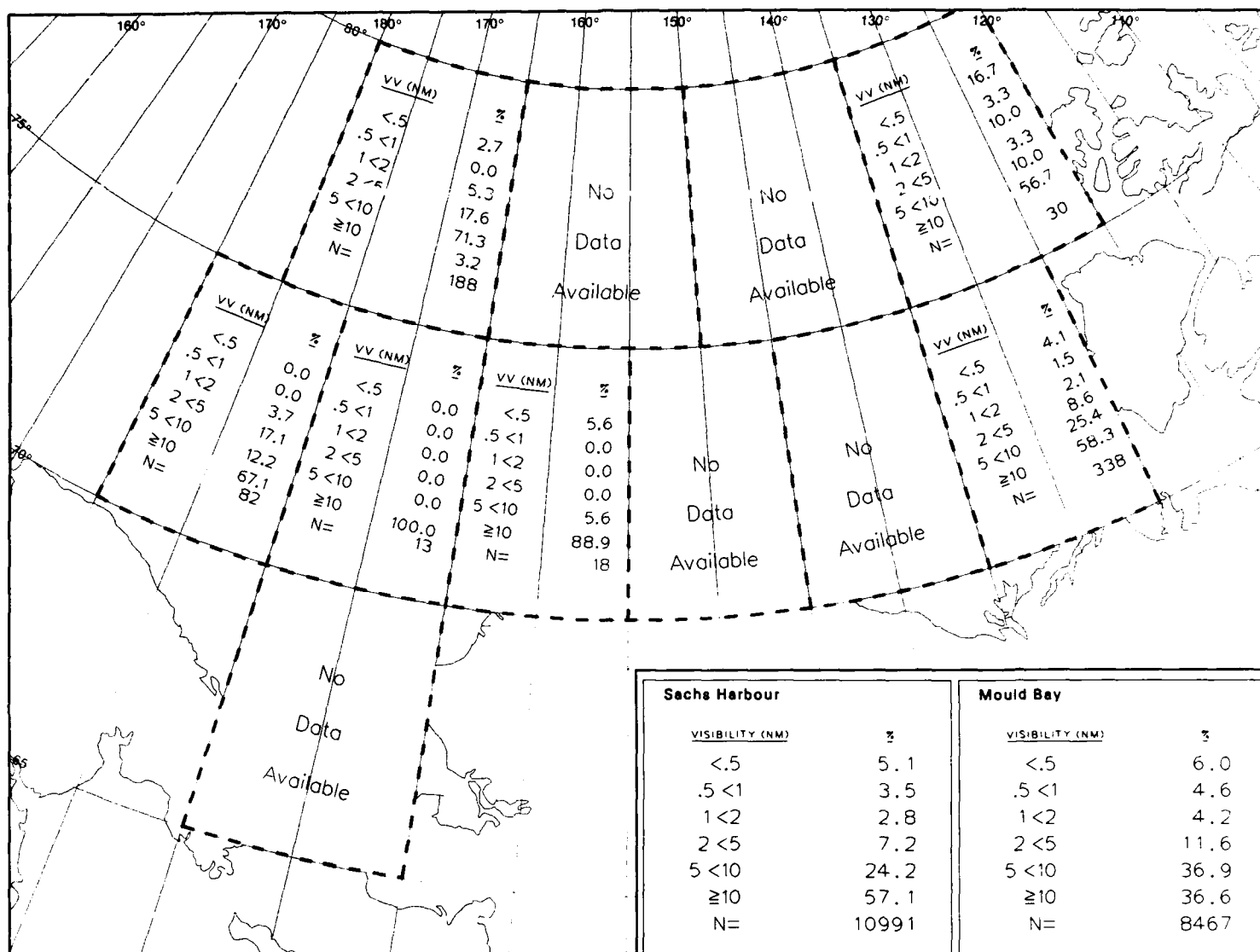
The visibility ranges corresponding to various weather types are as follows:

| | | | |
|----|---------------------------------|---------------------------|----|
| 90 | Heavy snow, heavy drizzle | Fog, thick haze | 90 |
| 91 | | | 91 |
| 92 | Moderate snow, moderate drizzle | Mist, haze | 92 |
| 93 | | | 93 |
| 94 | Heavy rain | Light snow, light drizzle | 94 |
| 95 | | | 95 |
| 96 | Moderate rain | | 96 |
| 97 | | | 97 |
| 98 | Light rain | | 98 |
| 99 | | | 99 |

II-110

| <div>Ostrov Vrangolja</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>5.1</td></tr><tr><td>.5 <1</td><td>4.3</td></tr><tr><td>1 <2</td><td>7.7</td></tr><tr><td>2 <5</td><td>19.2</td></tr><tr><td>5 <10</td><td>11.7</td></tr><tr><td>≥10</td><td>51.9</td></tr><tr><td>N=</td><td>4184</td></tr></table> | VISIBILITY (NM) | % | <.5 | 5.1 | .5 <1 | 4.3 | 1 <2 | 7.7 | 2 <5 | 19.2 | 5 <10 | 11.7 | ≥10 | 51.9 | N= | 4184 | <div>Mys Shmidta</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>10.1</td></tr><tr><td>.5 <1</td><td>9.4</td></tr><tr><td>1 <2</td><td>10.5</td></tr><tr><td>2 <5</td><td>15.7</td></tr><tr><td>5 <10</td><td>17.7</td></tr><tr><td>≥10</td><td>36.6</td></tr><tr><td>N=</td><td>4726</td></tr></table> | VISIBILITY (NM) | % | <.5 | 10.1 | .5 <1 | 9.4 | 1 <2 | 10.5 | 2 <5 | 15.7 | 5 <10 | 17.7 | ≥10 | 36.6 | N= | 4726 | <div>Ostrov Kolychino</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>2.7</td></tr><tr><td>.5 <1</td><td>2.1</td></tr><tr><td>1 <2</td><td>8.0</td></tr><tr><td>2 <5</td><td>12.1</td></tr><tr><td>5 <10</td><td>50.5</td></tr><tr><td>≥10</td><td>24.6</td></tr><tr><td>N=</td><td>2935</td></tr></table> | VISIBILITY (NM) | % | <.5 | 2.7 | .5 <1 | 2.1 | 1 <2 | 8.0 | 2 <5 | 12.1 | 5 <10 | 50.5 | ≥10 | 24.6 | N= | 2935 | <div>Mys Uelen</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>2.6</td></tr><tr><td>.5 <1</td><td>2.9</td></tr><tr><td>1 <2</td><td>10.0</td></tr><tr><td>2 <5</td><td>20.2</td></tr><tr><td>5 <10</td><td>10.2</td></tr><tr><td>≥10</td><td>54.1</td></tr><tr><td>N=</td><td>4713</td></tr></table> | VISIBILITY (NM) | % | <.5 | 2.6 | .5 <1 | 2.9 | 1 <2 | 10.0 | 2 <5 | 20.2 | 5 <10 | 10.2 | ≥10 | 54.1 | N= | 4713 |
|---|-----------------|---|-----|------|-------|-----|------|------|------|------|-------|------|-----|------|----|-------|--|-----------------|---|-----|------|-------|-----|------|------|------|------|-------|------|-----|------|----|-------|---|-----------------|---|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|---|-----------------|---|-----|------|-------|-----|------|------|------|------|-------|------|-----|------|----|-------|
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 19.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 11.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 51.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4184 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 10.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 9.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 10.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 15.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 17.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 36.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4726 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 8.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 12.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 50.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 24.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 2935 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 10.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 20.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 10.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 54.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4713 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Tin City</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>12.8</td></tr><tr><td>.5 <1</td><td>8.0</td></tr><tr><td>1 <2</td><td>12.0</td></tr><tr><td>2 <5</td><td>16.9</td></tr><tr><td>5 <10</td><td>28.5</td></tr><tr><td>≥10</td><td>21.8</td></tr><tr><td>N=</td><td>19165</td></tr></table> | VISIBILITY (NM) | % | <.5 | 12.8 | .5 <1 | 8.0 | 1 <2 | 12.0 | 2 <5 | 16.9 | 5 <10 | 28.5 | ≥10 | 21.8 | N= | 19165 | <div>Kotzebue</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>4.6</td></tr><tr><td>.5 <1</td><td>3.5</td></tr><tr><td>1 <2</td><td>3.9</td></tr><tr><td>2 <5</td><td>8.6</td></tr><tr><td>5 <10</td><td>23.6</td></tr><tr><td>≥10</td><td>55.8</td></tr><tr><td>N=</td><td>22050</td></tr></table> | VISIBILITY (NM) | % | <.5 | 4.6 | .5 <1 | 3.5 | 1 <2 | 3.9 | 2 <5 | 8.6 | 5 <10 | 23.6 | ≥10 | 55.8 | N= | 22050 | <div>Cape Lisburne</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>2.8</td></tr><tr><td>.5 <1</td><td>5.3</td></tr><tr><td>1 <2</td><td>6.7</td></tr><tr><td>2 <5</td><td>13.8</td></tr><tr><td>5 <10</td><td>51.6</td></tr><tr><td>≥10</td><td>19.7</td></tr><tr><td>N=</td><td>18462</td></tr></table> | VISIBILITY (NM) | % | <.5 | 2.8 | .5 <1 | 5.3 | 1 <2 | 6.7 | 2 <5 | 13.8 | 5 <10 | 51.6 | ≥10 | 19.7 | N= | 18462 | <div>Point Lay</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>14.4</td></tr><tr><td>.5 <1</td><td>4.5</td></tr><tr><td>1 <2</td><td>4.3</td></tr><tr><td>2 <5</td><td>8.5</td></tr><tr><td>5 <10</td><td>44.6</td></tr><tr><td>≥10</td><td>23.8</td></tr><tr><td>N=</td><td>3337</td></tr></table> | VISIBILITY (NM) | % | <.5 | 14.4 | .5 <1 | 4.5 | 1 <2 | 4.3 | 2 <5 | 8.5 | 5 <10 | 44.6 | ≥10 | 23.8 | N= | 3337 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 12.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 8.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 12.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 16.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 28.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 21.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19165 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 23.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 55.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 22050 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 6.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 13.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 51.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 19.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18462 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 14.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 44.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 23.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3337 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Barrow</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>6.4</td></tr><tr><td>.5 <1</td><td>4.7</td></tr><tr><td>1 <2</td><td>4.9</td></tr><tr><td>2 <5</td><td>12.6</td></tr><tr><td>5 <10</td><td>59.3</td></tr><tr><td>≥10</td><td>12.2</td></tr><tr><td>N=</td><td>18798</td></tr></table> | VISIBILITY (NM) | % | <.5 | 6.4 | .5 <1 | 4.7 | 1 <2 | 4.9 | 2 <5 | 12.6 | 5 <10 | 59.3 | ≥10 | 12.2 | N= | 18798 | <div>Lonely</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>5.8</td></tr><tr><td>.5 <1</td><td>4.0</td></tr><tr><td>1 <2</td><td>4.1</td></tr><tr><td>2 <5</td><td>7.9</td></tr><tr><td>5 <10</td><td>56.3</td></tr><tr><td>≥10</td><td>22.0</td></tr><tr><td>N=</td><td>3476</td></tr></table> | VISIBILITY (NM) | % | <.5 | 5.8 | .5 <1 | 4.0 | 1 <2 | 4.1 | 2 <5 | 7.9 | 5 <10 | 56.3 | ≥10 | 22.0 | N= | 3476 | <div>Oliktok</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>10.0</td></tr><tr><td>.5 <1</td><td>5.1</td></tr><tr><td>1 <2</td><td>3.2</td></tr><tr><td>2 <5</td><td>8.8</td></tr><tr><td>5 <10</td><td>52.8</td></tr><tr><td>≥10</td><td>20.0</td></tr><tr><td>N=</td><td>3301</td></tr></table> | VISIBILITY (NM) | % | <.5 | 10.0 | .5 <1 | 5.1 | 1 <2 | 3.2 | 2 <5 | 8.8 | 5 <10 | 52.8 | ≥10 | 20.0 | N= | 3301 | <div>Barter</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>12.6</td></tr><tr><td>.5 <1</td><td>5.5</td></tr><tr><td>1 <2</td><td>4.9</td></tr><tr><td>2 <5</td><td>9.1</td></tr><tr><td>5 <10</td><td>30.7</td></tr><tr><td>≥10</td><td>37.1</td></tr><tr><td>N=</td><td>18317</td></tr></table> | VISIBILITY (NM) | % | <.5 | 12.6 | .5 <1 | 5.5 | 1 <2 | 4.9 | 2 <5 | 9.1 | 5 <10 | 30.7 | ≥10 | 37.1 | N= | 18317 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 12.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 59.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 12.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18798 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 56.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 22.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3476 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 10.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 52.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 20.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3301 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 12.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 9.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 30.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 37.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18317 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Tuktoyaktuk</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>5.2</td></tr><tr><td>.5 <1</td><td>3.5</td></tr><tr><td>1 <2</td><td>3.3</td></tr><tr><td>2 <5</td><td>6.0</td></tr><tr><td>5 <10</td><td>28.5</td></tr><tr><td>≥10</td><td>53.5</td></tr><tr><td>N=</td><td>3224</td></tr></table> | VISIBILITY (NM) | % | <.5 | 5.2 | .5 <1 | 3.5 | 1 <2 | 3.3 | 2 <5 | 6.0 | 5 <10 | 28.5 | ≥10 | 53.5 | N= | 3224 | <div>Cape Parry</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>6.1</td></tr><tr><td>.5 <1</td><td>4.2</td></tr><tr><td>1 <2</td><td>4.9</td></tr><tr><td>2 <5</td><td>10.0</td></tr><tr><td>5 <10</td><td>33.4</td></tr><tr><td>≥10</td><td>41.4</td></tr><tr><td>N=</td><td>19836</td></tr></table> | VISIBILITY (NM) | % | <.5 | 6.1 | .5 <1 | 4.2 | 1 <2 | 4.9 | 2 <5 | 10.0 | 5 <10 | 33.4 | ≥10 | 41.4 | N= | 19836 | <div>Clinton Point</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>8.0</td></tr><tr><td>.5 <1</td><td>3.2</td></tr><tr><td>1 <2</td><td>1.5</td></tr><tr><td>2 <5</td><td>6.0</td></tr><tr><td>5 <10</td><td>18.5</td></tr><tr><td>≥10</td><td>62.9</td></tr><tr><td>N=</td><td>4628</td></tr></table> | VISIBILITY (NM) | % | <.5 | 8.0 | .5 <1 | 3.2 | 1 <2 | 1.5 | 2 <5 | 6.0 | 5 <10 | 18.5 | ≥10 | 62.9 | N= | 4628 | <div>Holman</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>12.4</td></tr><tr><td>.5 <1</td><td>2.9</td></tr><tr><td>1 <2</td><td>2.1</td></tr><tr><td>2 <5</td><td>5.1</td></tr><tr><td>5 <10</td><td>18.1</td></tr><tr><td>≥10</td><td>59.3</td></tr><tr><td>N=</td><td>3218</td></tr></table> | VISIBILITY (NM) | % | <.5 | 12.4 | .5 <1 | 2.9 | 1 <2 | 2.1 | 2 <5 | 5.1 | 5 <10 | 18.1 | ≥10 | 59.3 | N= | 3218 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 28.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 53.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 33.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 41.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19836 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 8.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 18.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 62.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4628 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 18.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 59.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

January
5 Visibility Thresholds



| Marine Area A | | Marine Area B | | Marine Area C | | Marine Area D | |
|------------------------|----------|-------------------|--|------------------------|----------|------------------------|----------|
| <u>VISIBILITY (NM)</u> | <u>%</u> | No Data Available | | <u>VISIBILITY (NM)</u> | <u>%</u> | <u>VISIBILITY (NM)</u> | <u>%</u> |
| <.5 | 0.9 | | | <.5 | 7.8 | <.5 | 9.1 |
| .5 <1 | 1.8 | | | .5 <1 | 2.4 | .5 <1 | 0.0 |
| 1 <2 | 3.5 | | | 1 <2 | 2.7 | 1 <2 | 18.2 |
| 2 <5 | 12.3 | | | 2 <5 | 9.2 | 2 <5 | 9.1 |
| 5 <10 | 9.6 | | | 5 <10 | 25.7 | 5 <10 | 27.3 |
| ≥10 | 71.9 | | | ≥10 | 52.2 | ≥10 | 36.4 |
| N= | 114 | | | N= | 412 | N= | 11 |

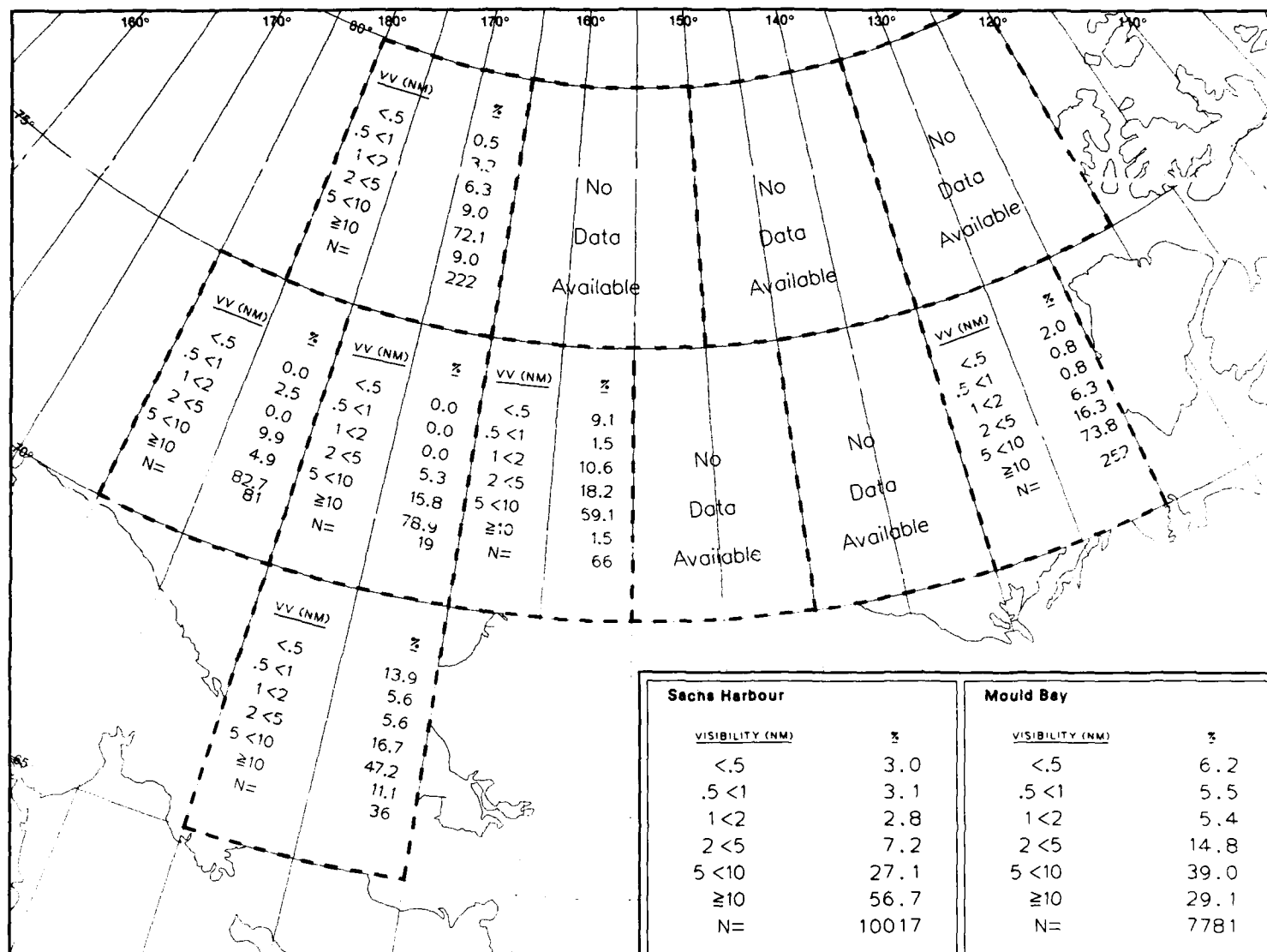
5 Visibility Thresholds

January

| <div>Ostrov Vrangolja</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>5.2</td></tr><tr><td>.5 <1</td><td>2.7</td></tr><tr><td>1 <2</td><td>4.9</td></tr><tr><td>2 <5</td><td>16.3</td></tr><tr><td>5 <10</td><td>11.7</td></tr><tr><td>≥10</td><td>59.2</td></tr><tr><td>N=</td><td>3917</td></tr></table> | VISIBILITY (NM) | % | <.5 | 5.2 | .5 <1 | 2.7 | 1 <2 | 4.9 | 2 <5 | 16.3 | 5 <10 | 11.7 | ≥10 | 59.2 | N= | 3917 | <div>Mys Shmidta</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>10.0</td></tr><tr><td>.5 <1</td><td>11.0</td></tr><tr><td>1 <2</td><td>9.0</td></tr><tr><td>2 <5</td><td>12.5</td></tr><tr><td>5 <10</td><td>16.3</td></tr><tr><td>≥10</td><td>41.2</td></tr><tr><td>N=</td><td>4391</td></tr></table> | VISIBILITY (NM) | % | <.5 | 10.0 | .5 <1 | 11.0 | 1 <2 | 9.0 | 2 <5 | 12.5 | 5 <10 | 16.3 | ≥10 | 41.2 | N= | 4391 | <div>Ostrov Kolychino</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>1.4</td></tr><tr><td>.5 <1</td><td>2.6</td></tr><tr><td>1 <2</td><td>6.7</td></tr><tr><td>2 <5</td><td>12.7</td></tr><tr><td>5 <10</td><td>46.2</td></tr><tr><td>≥10</td><td>30.5</td></tr><tr><td>N=</td><td>2811</td></tr></table> | VISIBILITY (NM) | % | <.5 | 1.4 | .5 <1 | 2.6 | 1 <2 | 6.7 | 2 <5 | 12.7 | 5 <10 | 46.2 | ≥10 | 30.5 | N= | 2811 | <div>Mys Uelen</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>1.8</td></tr><tr><td>.5 <1</td><td>2.7</td></tr><tr><td>1 <2</td><td>8.2</td></tr><tr><td>2 <5</td><td>19.1</td></tr><tr><td>5 <10</td><td>13.0</td></tr><tr><td>≥10</td><td>55.1</td></tr><tr><td>N=</td><td>4385</td></tr></table> | VISIBILITY (NM) | % | <.5 | 1.8 | .5 <1 | 2.7 | 1 <2 | 8.2 | 2 <5 | 19.1 | 5 <10 | 13.0 | ≥10 | 55.1 | N= | 4385 |
|---|-----------------|---|-----|------|-------|-----|------|------|------|------|-------|------|-----|------|----|-------|--|-----------------|---|-----|------|-------|------|------|-----|------|------|-------|------|-----|------|----|-------|---|-----------------|---|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|-----------------|---|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 16.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 11.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 59.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3917 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 10.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 11.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 9.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 12.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 16.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 41.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4391 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 6.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 12.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 46.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 30.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 2811 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 8.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 19.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 13.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 55.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4385 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Tin City</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>13.3</td></tr><tr><td>.5 <1</td><td>9.0</td></tr><tr><td>1 <2</td><td>13.2</td></tr><tr><td>2 <5</td><td>18.3</td></tr><tr><td>5 <10</td><td>24.6</td></tr><tr><td>≥10</td><td>21.6</td></tr><tr><td>N=</td><td>17454</td></tr></table> | VISIBILITY (NM) | % | <.5 | 13.3 | .5 <1 | 9.0 | 1 <2 | 13.2 | 2 <5 | 18.3 | 5 <10 | 24.6 | ≥10 | 21.6 | N= | 17454 | <div>Kotzebue</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>4.8</td></tr><tr><td>.5 <1</td><td>3.2</td></tr><tr><td>1 <2</td><td>4.0</td></tr><tr><td>2 <5</td><td>8.0</td></tr><tr><td>5 <10</td><td>21.8</td></tr><tr><td>≥10</td><td>58.3</td></tr><tr><td>N=</td><td>19710</td></tr></table> | VISIBILITY (NM) | % | <.5 | 4.8 | .5 <1 | 3.2 | 1 <2 | 4.0 | 2 <5 | 8.0 | 5 <10 | 21.8 | ≥10 | 58.3 | N= | 19710 | <div>Cape Lisburne</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>2.9</td></tr><tr><td>.5 <1</td><td>3.4</td></tr><tr><td>1 <2</td><td>5.4</td></tr><tr><td>2 <5</td><td>11.5</td></tr><tr><td>5 <10</td><td>46.5</td></tr><tr><td>≥10</td><td>30.2</td></tr><tr><td>N=</td><td>16991</td></tr></table> | VISIBILITY (NM) | % | <.5 | 2.9 | .5 <1 | 3.4 | 1 <2 | 5.4 | 2 <5 | 11.5 | 5 <10 | 46.5 | ≥10 | 30.2 | N= | 16991 | <div>Point Lay</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>11.9</td></tr><tr><td>.5 <1</td><td>5.5</td></tr><tr><td>1 <2</td><td>3.0</td></tr><tr><td>2 <5</td><td>8.0</td></tr><tr><td>5 <10</td><td>48.5</td></tr><tr><td>≥10</td><td>23.0</td></tr><tr><td>N=</td><td>3033</td></tr></table> | VISIBILITY (NM) | % | <.5 | 11.9 | .5 <1 | 5.5 | 1 <2 | 3.0 | 2 <5 | 8.0 | 5 <10 | 48.5 | ≥10 | 23.0 | N= | 3033 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 13.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 9.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 13.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 18.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 24.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 21.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 17454 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 21.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 58.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19710 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 46.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 30.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 16991 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 11.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 48.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 23.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3033 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Barrow</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>4.3</td></tr><tr><td>.5 <1</td><td>3.9</td></tr><tr><td>1 <2</td><td>5.9</td></tr><tr><td>2 <5</td><td>15.9</td></tr><tr><td>5 <10</td><td>60.2</td></tr><tr><td>≥10</td><td>9.8</td></tr><tr><td>N=</td><td>17135</td></tr></table> | VISIBILITY (NM) | % | <.5 | 4.3 | .5 <1 | 3.9 | 1 <2 | 5.9 | 2 <5 | 15.9 | 5 <10 | 60.2 | ≥10 | 9.8 | N= | 17135 | <div>Lonely</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>4.7</td></tr><tr><td>.5 <1</td><td>3.6</td></tr><tr><td>1 <2</td><td>3.7</td></tr><tr><td>2 <5</td><td>5.9</td></tr><tr><td>5 <10</td><td>57.6</td></tr><tr><td>≥10</td><td>24.5</td></tr><tr><td>N=</td><td>3172</td></tr></table> | VISIBILITY (NM) | % | <.5 | 4.7 | .5 <1 | 3.6 | 1 <2 | 3.7 | 2 <5 | 5.9 | 5 <10 | 57.6 | ≥10 | 24.5 | N= | 3172 | <div>Oliktok</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>6.0</td></tr><tr><td>.5 <1</td><td>3.8</td></tr><tr><td>1 <2</td><td>3.8</td></tr><tr><td>2 <5</td><td>8.2</td></tr><tr><td>5 <10</td><td>57.6</td></tr><tr><td>≥10</td><td>20.5</td></tr><tr><td>N=</td><td>3067</td></tr></table> | VISIBILITY (NM) | % | <.5 | 6.0 | .5 <1 | 3.8 | 1 <2 | 3.8 | 2 <5 | 8.2 | 5 <10 | 57.6 | ≥10 | 20.5 | N= | 3067 | <div>Barter</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>12.2</td></tr><tr><td>.5 <1</td><td>5.4</td></tr><tr><td>1 <2</td><td>4.5</td></tr><tr><td>2 <5</td><td>8.9</td></tr><tr><td>5 <10</td><td>30.1</td></tr><tr><td>≥10</td><td>38.8</td></tr><tr><td>N=</td><td>16695</td></tr></table> | VISIBILITY (NM) | % | <.5 | 12.2 | .5 <1 | 5.4 | 1 <2 | 4.5 | 2 <5 | 8.9 | 5 <10 | 30.1 | ≥10 | 38.8 | N= | 16695 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 15.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 60.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 17135 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 57.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 24.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3172 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 57.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 20.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3067 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 12.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 30.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 38.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 16695 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Tuktoyaktuk</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>3.8</td></tr><tr><td>.5 <1</td><td>3.5</td></tr><tr><td>1 <2</td><td>3.1</td></tr><tr><td>2 <5</td><td>6.7</td></tr><tr><td>5 <10</td><td>25.6</td></tr><tr><td>≥10</td><td>57.2</td></tr><tr><td>N=</td><td>2921</td></tr></table> | VISIBILITY (NM) | % | <.5 | 3.8 | .5 <1 | 3.5 | 1 <2 | 3.1 | 2 <5 | 6.7 | 5 <10 | 25.6 | ≥10 | 57.2 | N= | 2921 | <div>Cape Perry</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>6.0</td></tr><tr><td>.5 <1</td><td>4.1</td></tr><tr><td>1 <2</td><td>4.3</td></tr><tr><td>2 <5</td><td>10.3</td></tr><tr><td>5 <10</td><td>31.4</td></tr><tr><td>≥10</td><td>44.0</td></tr><tr><td>N=</td><td>18087</td></tr></table> | VISIBILITY (NM) | % | <.5 | 6.0 | .5 <1 | 4.1 | 1 <2 | 4.3 | 2 <5 | 10.3 | 5 <10 | 31.4 | ≥10 | 44.0 | N= | 18087 | <div>Clinton Point</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>7.1</td></tr><tr><td>.5 <1</td><td>1.9</td></tr><tr><td>1 <2</td><td>2.7</td></tr><tr><td>2 <5</td><td>4.8</td></tr><tr><td>5 <10</td><td>16.9</td></tr><tr><td>≥10</td><td>66.7</td></tr><tr><td>N=</td><td>4240</td></tr></table> | VISIBILITY (NM) | % | <.5 | 7.1 | .5 <1 | 1.9 | 1 <2 | 2.7 | 2 <5 | 4.8 | 5 <10 | 16.9 | ≥10 | 66.7 | N= | 4240 | <div>Holman</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>7.9</td></tr><tr><td>.5 <1</td><td>2.6</td></tr><tr><td>1 <2</td><td>1.8</td></tr><tr><td>2 <5</td><td>5.5</td></tr><tr><td>5 <10</td><td>17.0</td></tr><tr><td>≥10</td><td>65.3</td></tr><tr><td>N=</td><td>2934</td></tr></table> | VISIBILITY (NM) | % | <.5 | 7.9 | .5 <1 | 2.6 | 1 <2 | 1.8 | 2 <5 | 5.5 | 5 <10 | 17.0 | ≥10 | 65.3 | N= | 2934 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 25.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 57.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 2921 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 31.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 44.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18087 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 4.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 16.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 66.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 17.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 65.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 2934 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

February

5 Visibility Thresholds



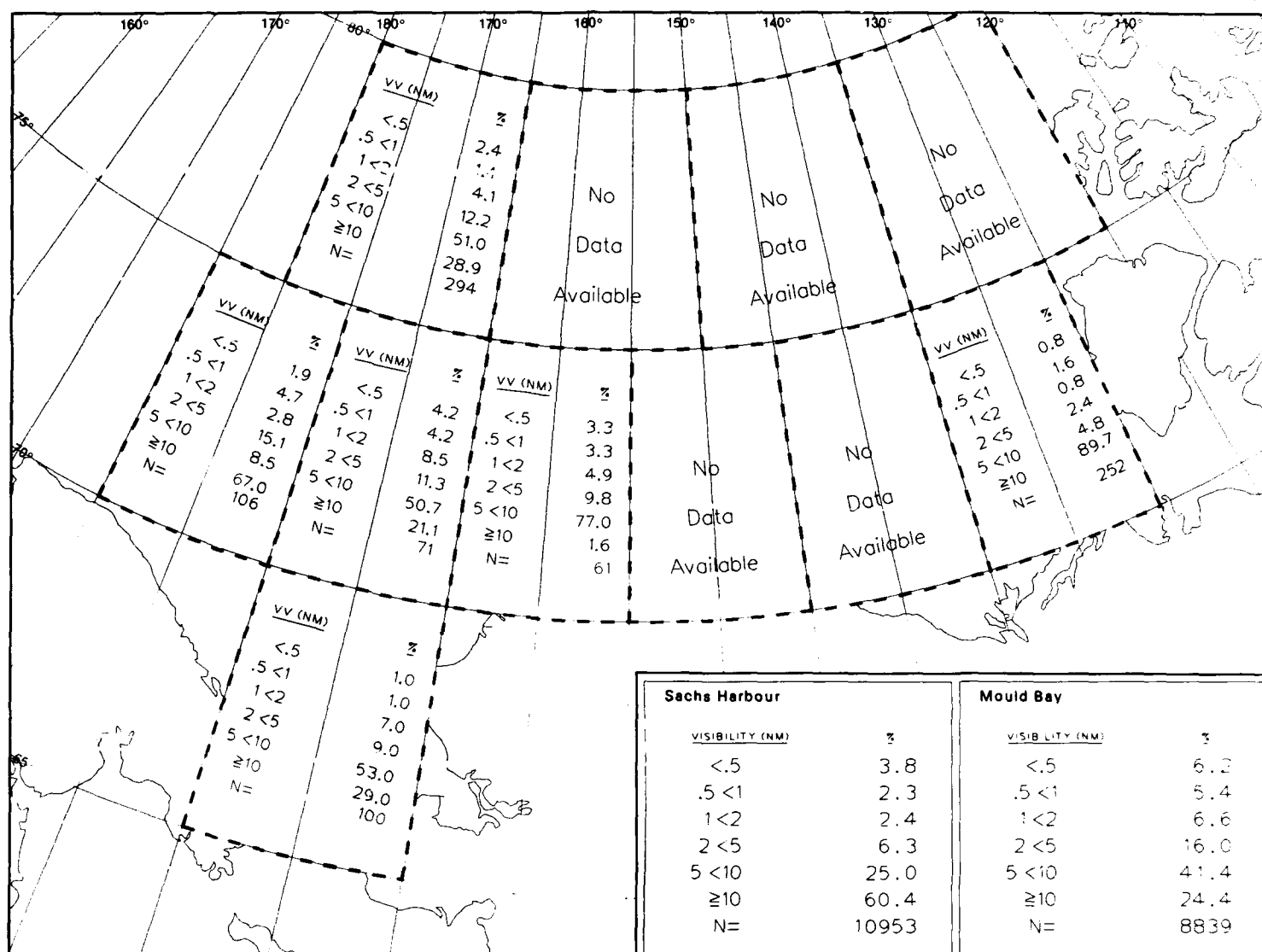
5 Visibility Thresholds

February

| <div>Ostrov Vrangelje</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>5.2</td></tr><tr><td>.5 <1</td><td>3.2</td></tr><tr><td>1 <2</td><td>5.2</td></tr><tr><td>2 <5</td><td>13.4</td></tr><tr><td>5 <10</td><td>10.5</td></tr><tr><td>≥10</td><td>62.5</td></tr><tr><td>N=</td><td>4415</td></tr></table> | VISIBILITY (NM) | % | <.5 | 5.2 | .5 <1 | 3.2 | 1 <2 | 5.2 | 2 <5 | 13.4 | 5 <10 | 10.5 | ≥10 | 62.5 | N= | 4415 | <div>Mys Shmidt</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>9.6</td></tr><tr><td>.5 <1</td><td>8.8</td></tr><tr><td>1 <2</td><td>7.6</td></tr><tr><td>2 <5</td><td>11.4</td></tr><tr><td>5 <10</td><td>15.3</td></tr><tr><td>≥10</td><td>47.2</td></tr><tr><td>N=</td><td>4902</td></tr></table> | VISIBILITY (NM) | % | <.5 | 9.6 | .5 <1 | 8.8 | 1 <2 | 7.6 | 2 <5 | 11.4 | 5 <10 | 15.3 | ≥10 | 47.2 | N= | 4902 | <div>Ostrov Kolychino</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>0.9</td></tr><tr><td>.5 <1</td><td>2.0</td></tr><tr><td>1 <2</td><td>5.2</td></tr><tr><td>2 <5</td><td>9.6</td></tr><tr><td>5 <10</td><td>41.6</td></tr><tr><td>≥10</td><td>40.8</td></tr><tr><td>N=</td><td>3056</td></tr></table> | VISIBILITY (NM) | % | <.5 | 0.9 | .5 <1 | 2.0 | 1 <2 | 5.2 | 2 <5 | 9.6 | 5 <10 | 41.6 | ≥10 | 40.8 | N= | 3056 | <div>Mys Uelen</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>1.5</td></tr><tr><td>.5 <1</td><td>1.3</td></tr><tr><td>1 <2</td><td>5.7</td></tr><tr><td>2 <5</td><td>20.5</td></tr><tr><td>5 <10</td><td>9.6</td></tr><tr><td>≥10</td><td>61.5</td></tr><tr><td>N=</td><td>4896</td></tr></table> | VISIBILITY (NM) | % | <.5 | 1.5 | .5 <1 | 1.3 | 1 <2 | 5.7 | 2 <5 | 20.5 | 5 <10 | 9.6 | ≥10 | 61.5 | N= | 4896 |
|---|-----------------|---|-----|------|-------|-----|------|------|------|------|-------|------|-----|------|----|-------|---|-----------------|---|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|-----------------|---|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|-----------------|---|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 13.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 10.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 62.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 9.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 7.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 15.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 47.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4902 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 0.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 9.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 41.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 40.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3056 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 20.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 9.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 61.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4896 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Tin City</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>11.8</td></tr><tr><td>.5 <1</td><td>8.5</td></tr><tr><td>1 <2</td><td>13.3</td></tr><tr><td>2 <5</td><td>17.0</td></tr><tr><td>5 <10</td><td>24.3</td></tr><tr><td>≥10</td><td>25.1</td></tr><tr><td>N=</td><td>19615</td></tr></table> | VISIBILITY (NM) | % | <.5 | 11.8 | .5 <1 | 8.5 | 1 <2 | 13.3 | 2 <5 | 17.0 | 5 <10 | 24.3 | ≥10 | 25.1 | N= | 19615 | <div>Kotzebue</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>3.2</td></tr><tr><td>.5 <1</td><td>2.7</td></tr><tr><td>1 <2</td><td>3.6</td></tr><tr><td>2 <5</td><td>8.1</td></tr><tr><td>5 <10</td><td>18.3</td></tr><tr><td>≥10</td><td>64.0</td></tr><tr><td>N=</td><td>21962</td></tr></table> | VISIBILITY (NM) | % | <.5 | 3.2 | .5 <1 | 2.7 | 1 <2 | 3.6 | 2 <5 | 8.1 | 5 <10 | 18.3 | ≥10 | 64.0 | N= | 21962 | <div>Cape Lisburne</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>1.8</td></tr><tr><td>.5 <1</td><td>2.7</td></tr><tr><td>1 <2</td><td>5.2</td></tr><tr><td>2 <5</td><td>11.9</td></tr><tr><td>5 <10</td><td>42.7</td></tr><tr><td>≥10</td><td>35.8</td></tr><tr><td>N=</td><td>19207</td></tr></table> | VISIBILITY (NM) | % | <.5 | 1.8 | .5 <1 | 2.7 | 1 <2 | 5.2 | 2 <5 | 11.9 | 5 <10 | 42.7 | ≥10 | 35.8 | N= | 19207 | <div>Point Lay</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>15.6</td></tr><tr><td>.5 <1</td><td>4.9</td></tr><tr><td>1 <2</td><td>4.2</td></tr><tr><td>2 <5</td><td>8.2</td></tr><tr><td>5 <10</td><td>44.0</td></tr><tr><td>≥10</td><td>23.2</td></tr><tr><td>N=</td><td>3349</td></tr></table> | VISIBILITY (NM) | % | <.5 | 15.6 | .5 <1 | 4.9 | 1 <2 | 4.2 | 2 <5 | 8.2 | 5 <10 | 44.0 | ≥10 | 23.2 | N= | 3349 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 11.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 13.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 17.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 24.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 25.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19615 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 18.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 64.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 21962 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 42.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 35.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19207 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 15.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 44.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 23.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3349 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Barrow</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>3.3</td></tr><tr><td>.5 <1</td><td>2.7</td></tr><tr><td>1 <2</td><td>4.1</td></tr><tr><td>2 <5</td><td>11.7</td></tr><tr><td>5 <10</td><td>67.0</td></tr><tr><td>≥10</td><td>11.2</td></tr><tr><td>N=</td><td>18813</td></tr></table> | VISIBILITY (NM) | % | <.5 | 3.3 | .5 <1 | 2.7 | 1 <2 | 4.1 | 2 <5 | 11.7 | 5 <10 | 67.0 | ≥10 | 11.2 | N= | 18813 | <div>Lonely</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>5.0</td></tr><tr><td>.5 <1</td><td>3.8</td></tr><tr><td>1 <2</td><td>3.5</td></tr><tr><td>2 <5</td><td>8.2</td></tr><tr><td>5 <10</td><td>56.0</td></tr><tr><td>≥10</td><td>23.5</td></tr><tr><td>N=</td><td>3528</td></tr></table> | VISIBILITY (NM) | % | <.5 | 5.0 | .5 <1 | 3.8 | 1 <2 | 3.5 | 2 <5 | 8.2 | 5 <10 | 56.0 | ≥10 | 23.5 | N= | 3528 | <div>Oliktok</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>6.2</td></tr><tr><td>.5 <1</td><td>4.4</td></tr><tr><td>1 <2</td><td>4.3</td></tr><tr><td>2 <5</td><td>6.9</td></tr><tr><td>5 <10</td><td>56.2</td></tr><tr><td>≥10</td><td>22.0</td></tr><tr><td>N=</td><td>3373</td></tr></table> | VISIBILITY (NM) | % | <.5 | 6.2 | .5 <1 | 4.4 | 1 <2 | 4.3 | 2 <5 | 6.9 | 5 <10 | 56.2 | ≥10 | 22.0 | N= | 3373 | <div>Barter</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>7.9</td></tr><tr><td>.5 <1</td><td>5.1</td></tr><tr><td>1 <2</td><td>4.5</td></tr><tr><td>2 <5</td><td>8.8</td></tr><tr><td>5 <10</td><td>30.0</td></tr><tr><td>≥10</td><td>43.7</td></tr><tr><td>N=</td><td>18627</td></tr></table> | VISIBILITY (NM) | % | <.5 | 7.9 | .5 <1 | 5.1 | 1 <2 | 4.5 | 2 <5 | 8.8 | 5 <10 | 30.0 | ≥10 | 43.7 | N= | 18627 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 67.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 11.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18813 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 56.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 23.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3528 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 56.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 22.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3373 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 30.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 43.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18627 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Tuktoyaktuk</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>2.6</td></tr><tr><td>.5 <1</td><td>2.3</td></tr><tr><td>1 <2</td><td>2.8</td></tr><tr><td>2 <5</td><td>5.5</td></tr><tr><td>5 <10</td><td>23.0</td></tr><tr><td>≥10</td><td>63.8</td></tr><tr><td>N=</td><td>3218</td></tr></table> | VISIBILITY (NM) | % | <.5 | 2.6 | .5 <1 | 2.3 | 1 <2 | 2.8 | 2 <5 | 5.5 | 5 <10 | 23.0 | ≥10 | 63.8 | N= | 3218 | <div>Cape Parry</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>4.1</td></tr><tr><td>.5 <1</td><td>4.2</td></tr><tr><td>1 <2</td><td>4.3</td></tr><tr><td>2 <5</td><td>9.9</td></tr><tr><td>5 <10</td><td>29.2</td></tr><tr><td>≥10</td><td>48.2</td></tr><tr><td>N=</td><td>19838</td></tr></table> | VISIBILITY (NM) | % | <.5 | 4.1 | .5 <1 | 4.2 | 1 <2 | 4.3 | 2 <5 | 9.9 | 5 <10 | 29.2 | ≥10 | 48.2 | N= | 19838 | <div>Clinton Point</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>5.3</td></tr><tr><td>.5 <1</td><td>2.6</td></tr><tr><td>1 <2</td><td>2.4</td></tr><tr><td>2 <5</td><td>5.8</td></tr><tr><td>5 <10</td><td>20.2</td></tr><tr><td>≥10</td><td>63.7</td></tr><tr><td>N=</td><td>4702</td></tr></table> | VISIBILITY (NM) | % | <.5 | 5.3 | .5 <1 | 2.6 | 1 <2 | 2.4 | 2 <5 | 5.8 | 5 <10 | 20.2 | ≥10 | 63.7 | N= | 4702 | <div>Holman</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>7.4</td></tr><tr><td>.5 <1</td><td>3.0</td></tr><tr><td>1 <2</td><td>2.5</td></tr><tr><td>2 <5</td><td>4.9</td></tr><tr><td>5 <10</td><td>16.0</td></tr><tr><td>≥10</td><td>66.1</td></tr><tr><td>N=</td><td>3216</td></tr></table> | VISIBILITY (NM) | % | <.5 | 7.4 | .5 <1 | 3.0 | 1 <2 | 2.5 | 2 <5 | 4.9 | 5 <10 | 16.0 | ≥10 | 66.1 | N= | 3216 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 23.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 63.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 9.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 29.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 48.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19838 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 20.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 63.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4702 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 16.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 66.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3216 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

March

5 Visibility Thresholds

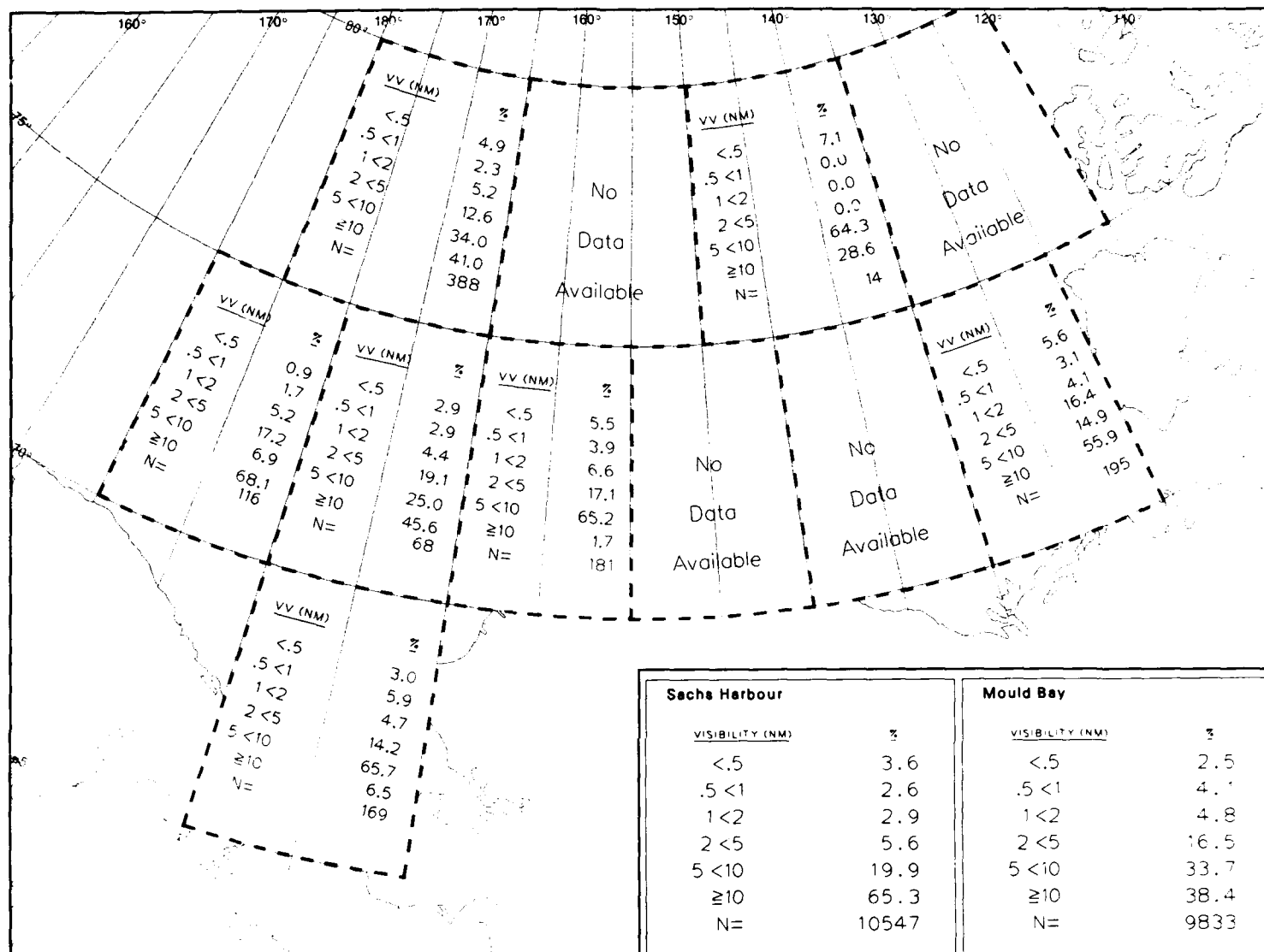


| Marine Area A | | Marine Area B | | Marine Area C | | Marine Area D | |
|------------------------|----------|------------------------|----------|------------------------|----------|------------------------|----------|
| <u>VISIBILITY (NM)</u> | <u>%</u> | <u>VISIBILITY (NM)</u> | <u>%</u> | <u>VISIBILITY (NM)</u> | <u>%</u> | <u>VISIBILITY (NM)</u> | <u>%</u> |
| <.5 | 2.5 | <.5 | 3.6 | <.5 | 4.2 | <.5 | 1.0 |
| .5 <1 | 4.0 | .5 <1 | 3.6 | .5 <1 | 2.7 | .5 <1 | 1.0 |
| 1 <2 | 5.5 | 1 <2 | 3.6 | 1 <2 | 3.0 | 1 <2 | 6.8 |
| 2 <5 | 12.1 | 2 <5 | 10.9 | 2 <5 | 4.2 | 2 <5 | 9.7 |
| 5 <10 | 27.6 | 5 <10 | 74.5 | 5 <10 | 7.7 | 5 <10 | 52.4 |
| ≥10 | 48.2 | ≥10 | 3.6 | ≥10 | 78.3 | ≥10 | 29.1 |
| N= | 199 | N= | 55 | N= | 336 | N= | 103 |

5 Visibility Thresholds

March

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|----------|-----|------|-------|-----|------|------|------|------|-------|------|-----|------|----|-------|--|------------------------|----------|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|------------------------|----------|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|---|------------------------|----------|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|
| Ostrov Vrangelja <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>3.6</td></tr><tr><td>.5 <1</td><td>2.2</td></tr><tr><td>1 <2</td><td>5.1</td></tr><tr><td>2 <5</td><td>13.5</td></tr><tr><td>5 <10</td><td>8.1</td></tr><tr><td>≥10</td><td>67.5</td></tr><tr><td>N=</td><td>4453</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 3.6 | .5 <1 | 2.2 | 1 <2 | 5.1 | 2 <5 | 13.5 | 5 <10 | 8.1 | ≥10 | 67.5 | N= | 4453 | Mys Shmidt <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.3</td></tr><tr><td>.5 <1</td><td>6.0</td></tr><tr><td>1 <2</td><td>6.0</td></tr><tr><td>2 <5</td><td>11.2</td></tr><tr><td>5 <10</td><td>14.7</td></tr><tr><td>≥10</td><td>56.7</td></tr><tr><td>N=</td><td>4706</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.3 | .5 <1 | 6.0 | 1 <2 | 6.0 | 2 <5 | 11.2 | 5 <10 | 14.7 | ≥10 | 56.7 | N= | 4706 | Ostrov Kolychino <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>1.5</td></tr><tr><td>.5 <1</td><td>0.9</td></tr><tr><td>1 <2</td><td>4.9</td></tr><tr><td>2 <5</td><td>11.1</td></tr><tr><td>5 <10</td><td>29.5</td></tr><tr><td>≥10</td><td>52.1</td></tr><tr><td>N=</td><td>2794</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 1.5 | .5 <1 | 0.9 | 1 <2 | 4.9 | 2 <5 | 11.1 | 5 <10 | 29.5 | ≥10 | 52.1 | N= | 2794 | Mys Uelen <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>2.0</td></tr><tr><td>.5 <1</td><td>1.2</td></tr><tr><td>1 <2</td><td>5.3</td></tr><tr><td>2 <5</td><td>19.2</td></tr><tr><td>5 <10</td><td>10.9</td></tr><tr><td>≥10</td><td>61.4</td></tr><tr><td>N=</td><td>4095</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 2.0 | .5 <1 | 1.2 | 1 <2 | 5.3 | 2 <5 | 19.2 | 5 <10 | 10.9 | ≥10 | 61.4 | N= | 4095 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 13.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 8.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 67.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4453 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 14.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 56.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4706 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 0.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 29.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 52.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 2794 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 19.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 10.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 61.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4095 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tin City <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>10.6</td></tr><tr><td>.5 <1</td><td>8.5</td></tr><tr><td>1 <2</td><td>13.7</td></tr><tr><td>2 <5</td><td>17.7</td></tr><tr><td>5 <10</td><td>23.4</td></tr><tr><td>≥10</td><td>26.0</td></tr><tr><td>N=</td><td>19317</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 10.6 | .5 <1 | 8.5 | 1 <2 | 13.7 | 2 <5 | 17.7 | 5 <10 | 23.4 | ≥10 | 26.0 | N= | 19317 | Kotzebue <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>2.9</td></tr><tr><td>.5 <1</td><td>2.5</td></tr><tr><td>1 <2</td><td>3.3</td></tr><tr><td>2 <5</td><td>6.7</td></tr><tr><td>5 <10</td><td>14.8</td></tr><tr><td>≥10</td><td>69.8</td></tr><tr><td>N=</td><td>21267</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 2.9 | .5 <1 | 2.5 | 1 <2 | 3.3 | 2 <5 | 6.7 | 5 <10 | 14.8 | ≥10 | 69.8 | N= | 21267 | Cape Lisburne <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>2.0</td></tr><tr><td>.5 <1</td><td>3.4</td></tr><tr><td>1 <2</td><td>5.9</td></tr><tr><td>2 <5</td><td>13.2</td></tr><tr><td>5 <10</td><td>38.9</td></tr><tr><td>≥10</td><td>36.7</td></tr><tr><td>N=</td><td>19177</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 2.0 | .5 <1 | 3.4 | 1 <2 | 5.9 | 2 <5 | 13.2 | 5 <10 | 38.9 | ≥10 | 36.7 | N= | 19177 | Point Lay <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>13.8</td></tr><tr><td>.5 <1</td><td>4.3</td></tr><tr><td>1 <2</td><td>5.4</td></tr><tr><td>2 <5</td><td>7.9</td></tr><tr><td>5 <10</td><td>43.6</td></tr><tr><td>≥10</td><td>24.9</td></tr><tr><td>N=</td><td>3179</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 13.8 | .5 <1 | 4.3 | 1 <2 | 5.4 | 2 <5 | 7.9 | 5 <10 | 43.6 | ≥10 | 24.9 | N= | 3179 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 10.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 13.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 17.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 23.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 26.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19317 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 14.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 69.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 21267 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 13.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 38.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 36.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19177 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 13.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 43.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 24.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3179 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barrow <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>3.4</td></tr><tr><td>.5 <1</td><td>3.0</td></tr><tr><td>1 <2</td><td>3.4</td></tr><tr><td>2 <5</td><td>11.4</td></tr><tr><td>5 <10</td><td>65.1</td></tr><tr><td>≥10</td><td>13.6</td></tr><tr><td>N=</td><td>18229</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 3.4 | .5 <1 | 3.0 | 1 <2 | 3.4 | 2 <5 | 11.4 | 5 <10 | 65.1 | ≥10 | 13.6 | N= | 18229 | Lonely <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>3.8</td></tr><tr><td>.5 <1</td><td>4.2</td></tr><tr><td>1 <2</td><td>3.4</td></tr><tr><td>2 <5</td><td>8.3</td></tr><tr><td>5 <10</td><td>56.2</td></tr><tr><td>≥10</td><td>24.1</td></tr><tr><td>N=</td><td>3330</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 3.8 | .5 <1 | 4.2 | 1 <2 | 3.4 | 2 <5 | 8.3 | 5 <10 | 56.2 | ≥10 | 24.1 | N= | 3330 | Oliktok <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.2</td></tr><tr><td>.5 <1</td><td>3.4</td></tr><tr><td>1 <2</td><td>4.4</td></tr><tr><td>2 <5</td><td>8.6</td></tr><tr><td>5 <10</td><td>56.9</td></tr><tr><td>≥10</td><td>21.4</td></tr><tr><td>N=</td><td>3223</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.2 | .5 <1 | 3.4 | 1 <2 | 4.4 | 2 <5 | 8.6 | 5 <10 | 56.9 | ≥10 | 21.4 | N= | 3223 | Barter <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.9</td></tr><tr><td>.5 <1</td><td>4.3</td></tr><tr><td>1 <2</td><td>4.8</td></tr><tr><td>2 <5</td><td>8.7</td></tr><tr><td>5 <10</td><td>26.7</td></tr><tr><td>≥10</td><td>49.5</td></tr><tr><td>N=</td><td>18134</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.9 | .5 <1 | 4.3 | 1 <2 | 4.8 | 2 <5 | 8.7 | 5 <10 | 26.7 | ≥10 | 49.5 | N= | 18134 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 65.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 13.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18229 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 56.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 24.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 56.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 21.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3223 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 26.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 49.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18134 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tuktoyaktuk <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>3.7</td></tr><tr><td>.5 <1</td><td>2.8</td></tr><tr><td>1 <2</td><td>2.9</td></tr><tr><td>2 <5</td><td>5.3</td></tr><tr><td>5 <10</td><td>19.0</td></tr><tr><td>≥10</td><td>66.4</td></tr><tr><td>N=</td><td>3154</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 3.7 | .5 <1 | 2.8 | 1 <2 | 2.9 | 2 <5 | 5.3 | 5 <10 | 19.0 | ≥10 | 66.4 | N= | 3154 | Cape Parry <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.4</td></tr><tr><td>.5 <1</td><td>3.7</td></tr><tr><td>1 <2</td><td>3.8</td></tr><tr><td>2 <5</td><td>9.8</td></tr><tr><td>5 <10</td><td>25.5</td></tr><tr><td>≥10</td><td>51.7</td></tr><tr><td>N=</td><td>19197</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.4 | .5 <1 | 3.7 | 1 <2 | 3.8 | 2 <5 | 9.8 | 5 <10 | 25.5 | ≥10 | 51.7 | N= | 19197 | Clinton Point <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>6.6</td></tr><tr><td>.5 <1</td><td>2.9</td></tr><tr><td>1 <2</td><td>3.1</td></tr><tr><td>2 <5</td><td>7.7</td></tr><tr><td>5 <10</td><td>18.3</td></tr><tr><td>≥10</td><td>61.4</td></tr><tr><td>N=</td><td>4456</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 6.6 | .5 <1 | 2.9 | 1 <2 | 3.1 | 2 <5 | 7.7 | 5 <10 | 18.3 | ≥10 | 61.4 | N= | 4456 | Holman <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.6</td></tr><tr><td>.5 <1</td><td>2.6</td></tr><tr><td>1 <2</td><td>2.9</td></tr><tr><td>2 <5</td><td>6.6</td></tr><tr><td>5 <10</td><td>17.0</td></tr><tr><td>≥10</td><td>65.4</td></tr><tr><td>N=</td><td>3111</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.6 | .5 <1 | 2.6 | 1 <2 | 2.9 | 2 <5 | 6.6 | 5 <10 | 17.0 | ≥10 | 65.4 | N= | 3111 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 19.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 66.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3154 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 25.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 51.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19197 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 18.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 61.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4456 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 17.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 65.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3111 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



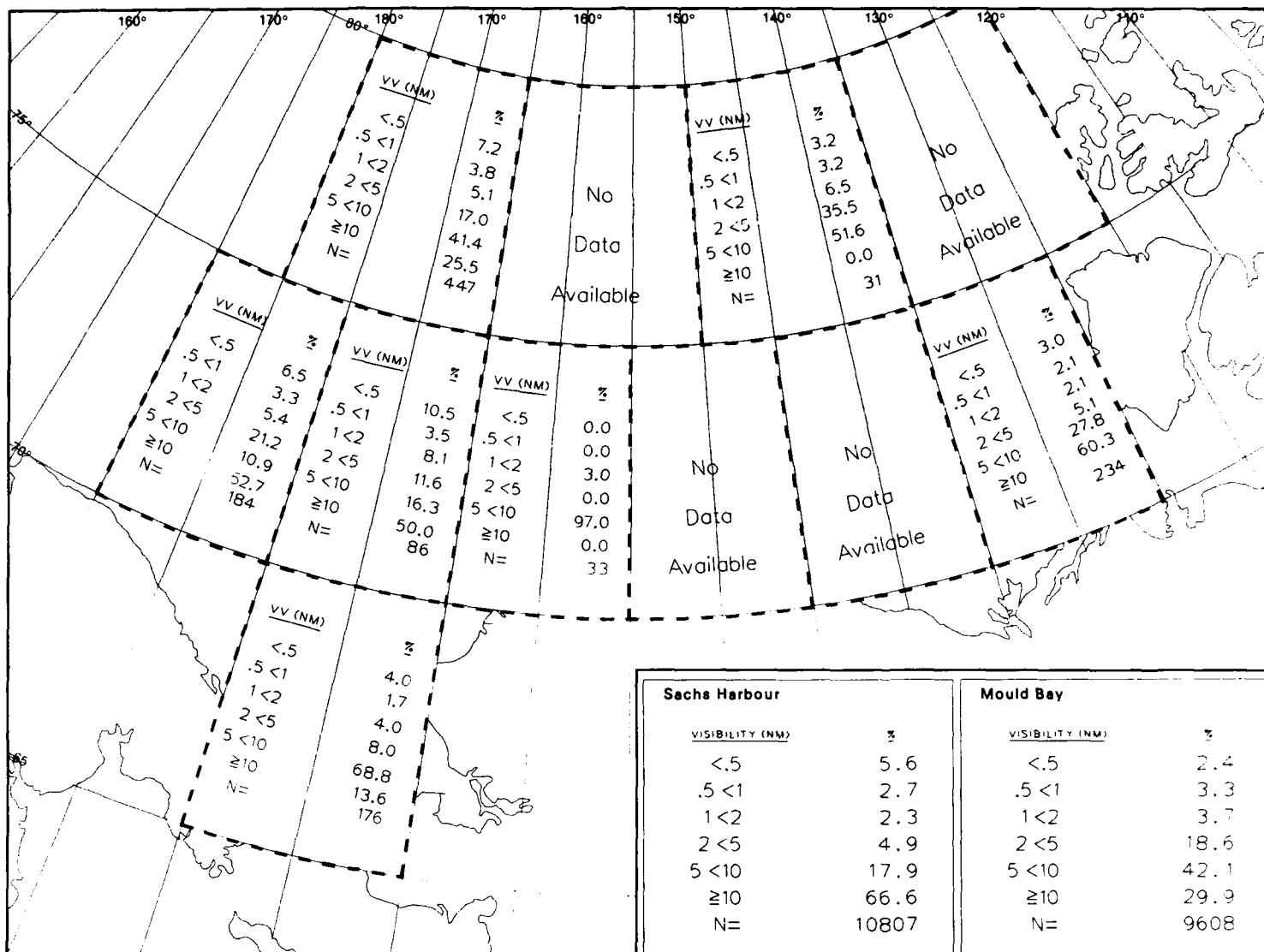
5 Visibility Thresholds

April

II-118

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|---|------------------------|----------|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|---|------------------------|----------|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|------------------------|----------|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|---|------------------------|----------|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|
| Ostrov Vrangeliya <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>6.0</td></tr><tr><td>.5 <1</td><td>2.0</td></tr><tr><td>1 <2</td><td>3.5</td></tr><tr><td>2 <5</td><td>16.8</td></tr><tr><td>5 <10</td><td>12.1</td></tr><tr><td>≥10</td><td>59.6</td></tr><tr><td>N=</td><td>4436</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 6.0 | .5 <1 | 2.0 | 1 <2 | 3.5 | 2 <5 | 16.8 | 5 <10 | 12.1 | ≥10 | 59.6 | N= | 4436 | Mys Shmidta <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>7.4</td></tr><tr><td>.5 <1</td><td>5.9</td></tr><tr><td>1 <2</td><td>7.6</td></tr><tr><td>2 <5</td><td>13.6</td></tr><tr><td>5 <10</td><td>14.5</td></tr><tr><td>≥10</td><td>51.0</td></tr><tr><td>N=</td><td>4688</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 7.4 | .5 <1 | 5.9 | 1 <2 | 7.6 | 2 <5 | 13.6 | 5 <10 | 14.5 | ≥10 | 51.0 | N= | 4688 | Ostrov Kolychino <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>7.2</td></tr><tr><td>.5 <1</td><td>0.9</td></tr><tr><td>1 <2</td><td>5.0</td></tr><tr><td>2 <5</td><td>11.7</td></tr><tr><td>5 <10</td><td>18.9</td></tr><tr><td>≥10</td><td>56.3</td></tr><tr><td>N=</td><td>2982</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 7.2 | .5 <1 | 0.9 | 1 <2 | 5.0 | 2 <5 | 11.7 | 5 <10 | 18.9 | ≥10 | 56.3 | N= | 2982 | Mys Uelen <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.9</td></tr><tr><td>.5 <1</td><td>1.1</td></tr><tr><td>1 <2</td><td>3.5</td></tr><tr><td>2 <5</td><td>14.2</td></tr><tr><td>5 <10</td><td>10.9</td></tr><tr><td>≥10</td><td>64.5</td></tr><tr><td>N=</td><td>4700</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.9 | .5 <1 | 1.1 | 1 <2 | 3.5 | 2 <5 | 14.2 | 5 <10 | 10.9 | ≥10 | 64.5 | N= | 4700 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 16.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 12.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 59.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4436 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 7.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 13.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 14.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 51.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4688 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 0.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 18.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 56.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 2982 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 14.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 10.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 64.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4700 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tin City <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>16.9</td></tr><tr><td>.5 <1</td><td>6.6</td></tr><tr><td>1 <2</td><td>8.5</td></tr><tr><td>2 <5</td><td>12.7</td></tr><tr><td>5 <10</td><td>17.8</td></tr><tr><td>≥10</td><td>37.4</td></tr><tr><td>N=</td><td>20813</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 16.9 | .5 <1 | 6.6 | 1 <2 | 8.5 | 2 <5 | 12.7 | 5 <10 | 17.8 | ≥10 | 37.4 | N= | 20813 | Kotzebue <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>2.2</td></tr><tr><td>.5 <1</td><td>1.9</td></tr><tr><td>1 <2</td><td>1.8</td></tr><tr><td>2 <5</td><td>3.4</td></tr><tr><td>5 <10</td><td>7.4</td></tr><tr><td>≥10</td><td>83.2</td></tr><tr><td>N=</td><td>21220</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 2.2 | .5 <1 | 1.9 | 1 <2 | 1.8 | 2 <5 | 3.4 | 5 <10 | 7.4 | ≥10 | 83.2 | N= | 21220 | Cape Lisburne <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>2.9</td></tr><tr><td>.5 <1</td><td>3.2</td></tr><tr><td>1 <2</td><td>4.1</td></tr><tr><td>2 <5</td><td>10.5</td></tr><tr><td>5 <10</td><td>32.5</td></tr><tr><td>≥10</td><td>46.8</td></tr><tr><td>N=</td><td>20501</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 2.9 | .5 <1 | 3.2 | 1 <2 | 4.1 | 2 <5 | 10.5 | 5 <10 | 32.5 | ≥10 | 46.8 | N= | 20501 | Point Lay <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>8.1</td></tr><tr><td>.5 <1</td><td>3.5</td></tr><tr><td>1 <2</td><td>3.4</td></tr><tr><td>2 <5</td><td>6.1</td></tr><tr><td>5 <10</td><td>35.7</td></tr><tr><td>≥10</td><td>39.9</td></tr><tr><td>N=</td><td>3202</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 8.1 | .5 <1 | 3.5 | 1 <2 | 3.4 | 2 <5 | 6.1 | 5 <10 | 35.7 | ≥10 | 39.9 | N= | 3202 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 16.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 6.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 12.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 17.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 37.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 20813 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 83.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 21220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 32.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 46.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 20501 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 8.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 35.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 39.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3202 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barrow <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.9</td></tr><tr><td>.5 <1</td><td>3.6</td></tr><tr><td>1 <2</td><td>4.2</td></tr><tr><td>2 <5</td><td>13.1</td></tr><tr><td>5 <10</td><td>62.2</td></tr><tr><td>≥10</td><td>11.1</td></tr><tr><td>N=</td><td>18099</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.9 | .5 <1 | 3.6 | 1 <2 | 4.2 | 2 <5 | 13.1 | 5 <10 | 62.2 | ≥10 | 11.1 | N= | 18099 | Lonely <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>6.5</td></tr><tr><td>.5 <1</td><td>5.2</td></tr><tr><td>1 <2</td><td>4.5</td></tr><tr><td>2 <5</td><td>10.7</td></tr><tr><td>5 <10</td><td>54.0</td></tr><tr><td>≥10</td><td>19.0</td></tr><tr><td>N=</td><td>3307</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 6.5 | .5 <1 | 5.2 | 1 <2 | 4.5 | 2 <5 | 10.7 | 5 <10 | 54.0 | ≥10 | 19.0 | N= | 3307 | Oliktok <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>8.1</td></tr><tr><td>.5 <1</td><td>6.2</td></tr><tr><td>1 <2</td><td>5.8</td></tr><tr><td>2 <5</td><td>10.0</td></tr><tr><td>5 <10</td><td>52.7</td></tr><tr><td>≥10</td><td>17.2</td></tr><tr><td>N=</td><td>3243</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 8.1 | .5 <1 | 6.2 | 1 <2 | 5.8 | 2 <5 | 10.0 | 5 <10 | 52.7 | ≥10 | 17.2 | N= | 3243 | Barter <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>7.3</td></tr><tr><td>.5 <1</td><td>5.9</td></tr><tr><td>1 <2</td><td>6.2</td></tr><tr><td>2 <5</td><td>11.3</td></tr><tr><td>5 <10</td><td>27.2</td></tr><tr><td>≥10</td><td>42.0</td></tr><tr><td>N=</td><td>18071</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 7.3 | .5 <1 | 5.9 | 1 <2 | 6.2 | 2 <5 | 11.3 | 5 <10 | 27.2 | ≥10 | 42.0 | N= | 18071 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 13.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 62.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 11.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18099 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 54.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 19.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3307 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 8.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 6.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 52.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 17.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3243 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 6.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 27.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 42.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18071 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tuktoyaktuk <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.4</td></tr><tr><td>.5 <1</td><td>2.2</td></tr><tr><td>1 <2</td><td>2.7</td></tr><tr><td>2 <5</td><td>5.1</td></tr><tr><td>5 <10</td><td>22.6</td></tr><tr><td>≥10</td><td>61.9</td></tr><tr><td>N=</td><td>3305</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.4 | .5 <1 | 2.2 | 1 <2 | 2.7 | 2 <5 | 5.1 | 5 <10 | 22.6 | ≥10 | 61.9 | N= | 3305 | Cape Perry <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.9</td></tr><tr><td>.5 <1</td><td>4.0</td></tr><tr><td>1 <2</td><td>3.2</td></tr><tr><td>2 <5</td><td>7.4</td></tr><tr><td>5 <10</td><td>23.0</td></tr><tr><td>≥10</td><td>56.5</td></tr><tr><td>N=</td><td>19348</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.9 | .5 <1 | 4.0 | 1 <2 | 3.2 | 2 <5 | 7.4 | 5 <10 | 23.0 | ≥10 | 56.5 | N= | 19348 | Clinton Point <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>7.9</td></tr><tr><td>.5 <1</td><td>2.3</td></tr><tr><td>1 <2</td><td>2.5</td></tr><tr><td>2 <5</td><td>6.0</td></tr><tr><td>5 <10</td><td>16.4</td></tr><tr><td>≥10</td><td>64.8</td></tr><tr><td>N=</td><td>4420</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 7.9 | .5 <1 | 2.3 | 1 <2 | 2.5 | 2 <5 | 6.0 | 5 <10 | 16.4 | ≥10 | 64.8 | N= | 4420 | Holman <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>11.0</td></tr><tr><td>.5 <1</td><td>2.4</td></tr><tr><td>1 <2</td><td>2.3</td></tr><tr><td>2 <5</td><td>5.2</td></tr><tr><td>5 <10</td><td>17.2</td></tr><tr><td>≥10</td><td>61.9</td></tr><tr><td>N=</td><td>3218</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 11.0 | .5 <1 | 2.4 | 1 <2 | 2.3 | 2 <5 | 5.2 | 5 <10 | 17.2 | ≥10 | 61.9 | N= | 3218 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 22.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 61.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 23.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 56.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19348 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 16.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 64.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 11.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 17.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 61.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

May
5 Visibility Thresholds



| Marine Area A | |
|-----------------|------|
| VISIBILITY (NM) | % |
| <.5 | 10.8 |
| .5 <1 | 3.2 |
| 1 <2 | 5.7 |
| 2 <5 | 7.6 |
| 5 <10 | 19.0 |
| ≥10 | 53.8 |
| N= | 158 |

| Marine Area B | |
|-----------------|------|
| VISIBILITY (NM) | % |
| <.5 | 0.0 |
| .5 <1 | 2.8 |
| 1 <2 | 2.8 |
| 2 <5 | 0.0 |
| 5 <10 | 86.1 |
| ≥10 | 8.3 |
| N= | 36 |

| Marine Area C | |
|-----------------|------|
| VISIBILITY (NM) | % |
| <.5 | 6.6 |
| .5 <1 | 3.5 |
| 1 <2 | 1.4 |
| 2 <5 | 5.0 |
| 5 <10 | 24.6 |
| ≥10 | 58.9 |
| N= | 423 |

| Marine Area D | |
|-----------------|------|
| VISIBILITY (NM) | % |
| <.5 | 3.9 |
| .5 <1 | 1.7 |
| 1 <2 | 3.9 |
| 2 <5 | 7.7 |
| 5 <10 | 69.1 |
| ≥10 | 13.8 |
| N= | 181 |

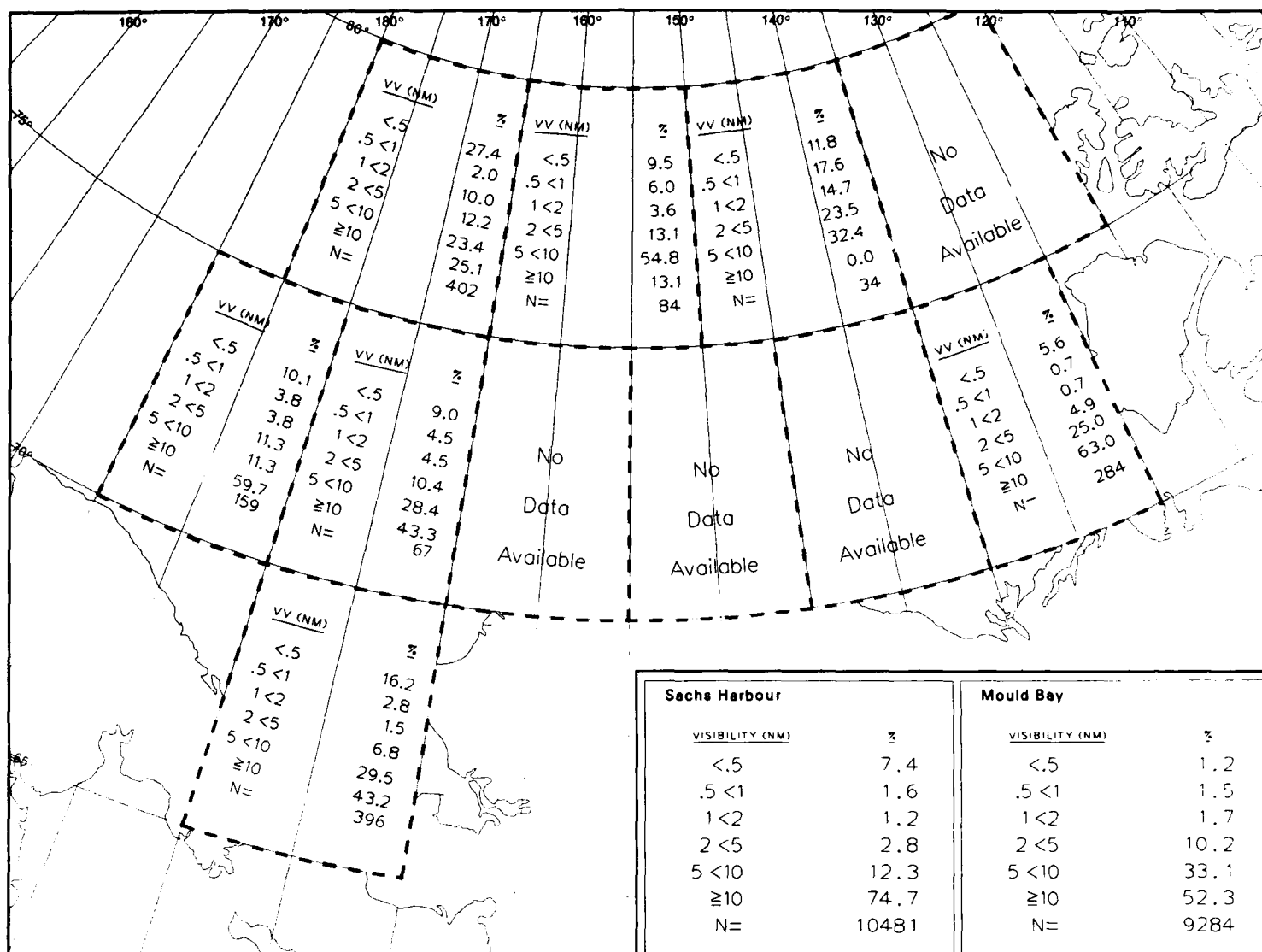
5 Visibility Thresholds

May

| | | | |
|--|---|--|--|
| Ostrov Vrangolja <u>VISIBILITY (NM)</u> % <.5 9.5 .5 <1 1.4 1 <2 2.2 2 <5 12.6 5 <10 9.6 ≥10 64.7 N= 4329 | Mys Shmidta <u>VISIBILITY (NM)</u> % <.5 11.2 .5 <1 5.8 1 <2 5.9 2 <5 8.7 5 <10 8.3 ≥10 60.0 N= 4557 | Ostrov Kolychino <u>VISIBILITY (NM)</u> % <.5 15.3 .5 <1 0.7 1 <2 2.7 2 <5 6.3 5 <10 9.1 ≥10 66.0 N= 2857 | Mys Uelen <u>VISIBILITY (NM)</u> % <.5 11.5 .5 <1 0.9 1 <2 3.1 2 <5 8.8 5 <10 11.5 ≥10 64.2 N= 4534 |
| Tin City <u>VISIBILITY (NM)</u> % <.5 26.6 .5 <1 4.7 1 <2 4.8 2 <5 9.2 5 <10 12.4 ≥10 42.4 N= 20039 | Kotzebue <u>VISIBILITY (NM)</u> % <.5 3.6 .5 <1 2.0 1 <2 1.5 2 <5 2.5 5 <10 6.7 ≥10 83.8 N= 20512 | Cape Lisburne <u>VISIBILITY (NM)</u> % <.5 6.5 .5 <1 4.7 1 <2 4.1 2 <5 8.9 5 <10 28.8 ≥10 47.0 N= 19435 | Point Lay <u>VISIBILITY (NM)</u> % <.5 5.3 .5 <1 1.8 1 <2 1.6 2 <5 3.4 5 <10 26.9 ≥10 61.0 N= 3137 |
| Barrow <u>VISIBILITY (NM)</u> % <.5 8.4 .5 <1 4.8 1 <2 4.3 2 <5 9.7 5 <10 58.6 ≥10 14.2 N= 17498 | Lonely <u>VISIBILITY (NM)</u> % <.5 8.6 .5 <1 4.1 1 <2 2.4 2 <5 5.5 5 <10 53.2 ≥10 26.3 N= 3222 | Oliktok <u>VISIBILITY (NM)</u> % <.5 8.3 .5 <1 4.0 1 <2 2.4 2 <5 6.1 5 <10 47.2 ≥10 32.0 N= 3160 | Barter <u>VISIBILITY (NM)</u> % <.5 10.1 .5 <1 5.9 1 <2 5.0 2 <5 7.2 5 <10 18.6 ≥10 53.2 N= 17672 |
| Tuktoyaktuk <u>VISIBILITY (NM)</u> % <.5 4.8 .5 <1 2.1 1 <2 1.4 2 <5 3.2 5 <10 15.2 ≥10 73.4 N= 3117 | Cape Perry <u>VISIBILITY (NM)</u> % <.5 6.6 .5 <1 3.2 1 <2 2.6 2 <5 4.6 5 <10 13.4 ≥10 69.6 N= 18719 | Clinton Point <u>VISIBILITY (NM)</u> % <.5 3.2 .5 <1 1.5 1 <2 1.2 2 <5 2.4 5 <10 9.8 ≥10 82.0 N= 4450 | Holman <u>VISIBILITY (NM)</u> % <.5 10.9 .5 <1 1.6 1 <2 1.1 2 <5 2.7 5 <10 10.5 ≥10 73.1 N= 3112 |

June

5 Visibility Thresholds



Sachs Harbour

| VISIBILITY (NM) | % |
|-----------------|-------|
| <.5 | 7.4 |
| .5 < 1 | 1.6 |
| 1 < 2 | 1.2 |
| 2 < 5 | 2.8 |
| 5 < 10 | 12.3 |
| ≥10 | 74.7 |
| N= | 10481 |

Mould Bay

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 1.2 |
| .5 < 1 | 1.5 |
| 1 < 2 | 1.7 |
| 2 < 5 | 10.2 |
| 5 < 10 | 33.1 |
| ≥10 | 52.3 |
| N= | 9284 |

Marine Area A

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 13.1 |
| .5 < 1 | 3.0 |
| 1 < 2 | 4.0 |
| 2 < 5 | 10.1 |
| 5 < 10 | 20.2 |
| ≥10 | 49.5 |
| N= | 99 |

Marine Area B

No Data Available

Marine Area C

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 6.2 |
| .5 < 1 | 2.0 |
| 1 < 2 | 1.3 |
| 2 < 5 | 4.9 |
| 5 < 10 | 16.5 |
| ≥10 | 69.2 |
| N= | 613 |

Marine Area D

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 15.1 |
| .5 < 1 | 2.4 |
| 1 < 2 | 2.0 |
| 2 < 5 | 6.8 |
| 5 < 10 | 25.6 |
| ≥10 | 48.1 |
| N= | 503 |

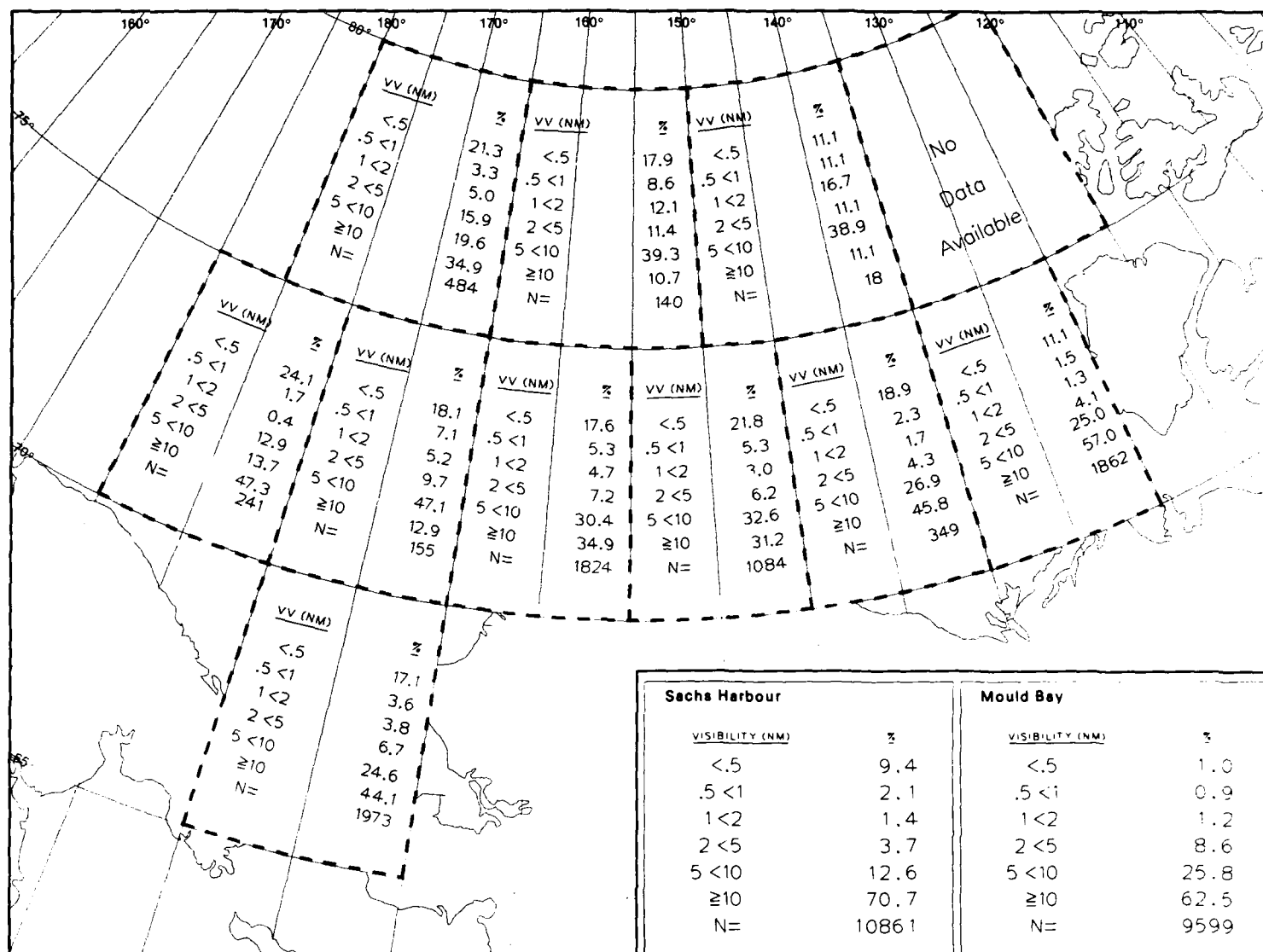
5 Visibility Thresholds

June

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|----------|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|------------------------|----------|-----|------|-------|-----|------|-----|------|-----|-------|------|-----|------|----|-------|---|------------------------|----------|-----|------|-------|-----|------|-----|------|-----|-------|------|-----|------|----|-------|---|------------------------|----------|-----|------|-------|-----|------|-----|------|-----|-------|------|-----|------|----|-------|
| Ostrov Vrangeliya <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>14.0</td></tr><tr><td>.5 <1</td><td>1.4</td></tr><tr><td>1 <2</td><td>2.6</td></tr><tr><td>2 <5</td><td>10.1</td></tr><tr><td>5 <10</td><td>7.7</td></tr><tr><td>≥10</td><td>64.3</td></tr><tr><td>N=</td><td>4271</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 14.0 | .5 <1 | 1.4 | 1 <2 | 2.6 | 2 <5 | 10.1 | 5 <10 | 7.7 | ≥10 | 64.3 | N= | 4271 | Mys Shmidta <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>12.9</td></tr><tr><td>.5 <1</td><td>4.7</td></tr><tr><td>1 <2</td><td>5.1</td></tr><tr><td>2 <5</td><td>8.5</td></tr><tr><td>5 <10</td><td>8.3</td></tr><tr><td>≥10</td><td>60.4</td></tr><tr><td>N=</td><td>4545</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 12.9 | .5 <1 | 4.7 | 1 <2 | 5.1 | 2 <5 | 8.5 | 5 <10 | 8.3 | ≥10 | 60.4 | N= | 4545 | Ostrov Kolychino <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>15.4</td></tr><tr><td>.5 <1</td><td>0.4</td></tr><tr><td>1 <2</td><td>1.6</td></tr><tr><td>2 <5</td><td>5.9</td></tr><tr><td>5 <10</td><td>7.6</td></tr><tr><td>≥10</td><td>69.1</td></tr><tr><td>N=</td><td>2643</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 15.4 | .5 <1 | 0.4 | 1 <2 | 1.6 | 2 <5 | 5.9 | 5 <10 | 7.6 | ≥10 | 69.1 | N= | 2643 | Mys Uelen <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>11.9</td></tr><tr><td>.5 <1</td><td>0.7</td></tr><tr><td>1 <2</td><td>2.0</td></tr><tr><td>2 <5</td><td>8.8</td></tr><tr><td>5 <10</td><td>14.9</td></tr><tr><td>≥10</td><td>61.7</td></tr><tr><td>N=</td><td>4536</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 11.9 | .5 <1 | 0.7 | 1 <2 | 2.0 | 2 <5 | 8.8 | 5 <10 | 14.9 | ≥10 | 61.7 | N= | 4536 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 14.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 64.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4271 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 12.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 8.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 60.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4545 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 15.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 0.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 7.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 69.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 2643 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 11.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 0.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 14.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 61.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4536 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tin City <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>25.2</td></tr><tr><td>.5 <1</td><td>5.0</td></tr><tr><td>1 <2</td><td>5.0</td></tr><tr><td>2 <5</td><td>11.2</td></tr><tr><td>5 <10</td><td>15.0</td></tr><tr><td>≥10</td><td>38.5</td></tr><tr><td>N=</td><td>20713</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 25.2 | .5 <1 | 5.0 | 1 <2 | 5.0 | 2 <5 | 11.2 | 5 <10 | 15.0 | ≥10 | 38.5 | N= | 20713 | Kotzebue <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>1.4</td></tr><tr><td>.5 <1</td><td>0.9</td></tr><tr><td>1 <2</td><td>1.1</td></tr><tr><td>2 <5</td><td>3.2</td></tr><tr><td>5 <10</td><td>8.5</td></tr><tr><td>≥10</td><td>85.0</td></tr><tr><td>N=</td><td>21131</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 1.4 | .5 <1 | 0.9 | 1 <2 | 1.1 | 2 <5 | 3.2 | 5 <10 | 8.5 | ≥10 | 85.0 | N= | 21131 | Cape Lisburne <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>4.4</td></tr><tr><td>.5 <1</td><td>3.5</td></tr><tr><td>1 <2</td><td>4.0</td></tr><tr><td>2 <5</td><td>9.6</td></tr><tr><td>5 <10</td><td>30.8</td></tr><tr><td>≥10</td><td>47.7</td></tr><tr><td>N=</td><td>19446</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 4.4 | .5 <1 | 3.5 | 1 <2 | 4.0 | 2 <5 | 9.6 | 5 <10 | 30.8 | ≥10 | 47.7 | N= | 19446 | Point Lay <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>4.4</td></tr><tr><td>.5 <1</td><td>1.9</td></tr><tr><td>1 <2</td><td>2.2</td></tr><tr><td>2 <5</td><td>5.5</td></tr><tr><td>5 <10</td><td>28.3</td></tr><tr><td>≥10</td><td>57.8</td></tr><tr><td>N=</td><td>3031</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 4.4 | .5 <1 | 1.9 | 1 <2 | 2.2 | 2 <5 | 5.5 | 5 <10 | 28.3 | ≥10 | 57.8 | N= | 3031 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 25.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 15.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 38.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 20713 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 0.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 85.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 21131 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 9.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 30.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 47.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19446 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 28.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 57.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3031 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barrow <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>8.9</td></tr><tr><td>.5 <1</td><td>4.9</td></tr><tr><td>1 <2</td><td>3.7</td></tr><tr><td>2 <5</td><td>8.5</td></tr><tr><td>5 <10</td><td>54.1</td></tr><tr><td>≥10</td><td>19.7</td></tr><tr><td>N=</td><td>18771</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 8.9 | .5 <1 | 4.9 | 1 <2 | 3.7 | 2 <5 | 8.5 | 5 <10 | 54.1 | ≥10 | 19.7 | N= | 18771 | Lonely <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>10.7</td></tr><tr><td>.5 <1</td><td>3.8</td></tr><tr><td>1 <2</td><td>2.0</td></tr><tr><td>2 <5</td><td>5.0</td></tr><tr><td>5 <10</td><td>49.2</td></tr><tr><td>≥10</td><td>29.4</td></tr><tr><td>N=</td><td>3181</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 10.7 | .5 <1 | 3.8 | 1 <2 | 2.0 | 2 <5 | 5.0 | 5 <10 | 49.2 | ≥10 | 29.4 | N= | 3181 | Oliktok <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>9.0</td></tr><tr><td>.5 <1</td><td>3.8</td></tr><tr><td>1 <2</td><td>2.4</td></tr><tr><td>2 <5</td><td>5.1</td></tr><tr><td>5 <10</td><td>43.9</td></tr><tr><td>≥10</td><td>35.7</td></tr><tr><td>N=</td><td>3073</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 9.0 | .5 <1 | 3.8 | 1 <2 | 2.4 | 2 <5 | 5.1 | 5 <10 | 43.9 | ≥10 | 35.7 | N= | 3073 | Barter <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>14.2</td></tr><tr><td>.5 <1</td><td>4.1</td></tr><tr><td>1 <2</td><td>2.8</td></tr><tr><td>2 <5</td><td>4.8</td></tr><tr><td>5 <10</td><td>15.0</td></tr><tr><td>≥10</td><td>59.0</td></tr><tr><td>N=</td><td>18347</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 14.2 | .5 <1 | 4.1 | 1 <2 | 2.8 | 2 <5 | 4.8 | 5 <10 | 15.0 | ≥10 | 59.0 | N= | 18347 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 54.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 19.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18771 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 10.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 49.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 29.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3181 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 9.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 43.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 35.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3073 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 14.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 4.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 15.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 59.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18347 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tuktoyaktuk <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>2.4</td></tr><tr><td>.5 <1</td><td>1.4</td></tr><tr><td>1 <2</td><td>1.6</td></tr><tr><td>2 <5</td><td>2.2</td></tr><tr><td>5 <10</td><td>12.0</td></tr><tr><td>≥10</td><td>80.5</td></tr><tr><td>N=</td><td>3216</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 2.4 | .5 <1 | 1.4 | 1 <2 | 1.6 | 2 <5 | 2.2 | 5 <10 | 12.0 | ≥10 | 80.5 | N= | 3216 | Cape Parry <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>7.7</td></tr><tr><td>.5 <1</td><td>2.9</td></tr><tr><td>1 <2</td><td>2.5</td></tr><tr><td>2 <5</td><td>4.1</td></tr><tr><td>5 <10</td><td>13.5</td></tr><tr><td>≥10</td><td>69.4</td></tr><tr><td>N=</td><td>19343</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 7.7 | .5 <1 | 2.9 | 1 <2 | 2.5 | 2 <5 | 4.1 | 5 <10 | 13.5 | ≥10 | 69.4 | N= | 19343 | Clinton Point <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>7.2</td></tr><tr><td>.5 <1</td><td>1.6</td></tr><tr><td>1 <2</td><td>1.3</td></tr><tr><td>2 <5</td><td>3.1</td></tr><tr><td>5 <10</td><td>8.8</td></tr><tr><td>≥10</td><td>77.9</td></tr><tr><td>N=</td><td>4453</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 7.2 | .5 <1 | 1.6 | 1 <2 | 1.3 | 2 <5 | 3.1 | 5 <10 | 8.8 | ≥10 | 77.9 | N= | 4453 | Holman <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>6.7</td></tr><tr><td>.5 <1</td><td>1.1</td></tr><tr><td>1 <2</td><td>0.7</td></tr><tr><td>2 <5</td><td>2.6</td></tr><tr><td>5 <10</td><td>9.7</td></tr><tr><td>≥10</td><td>79.1</td></tr><tr><td>N=</td><td>3214</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 6.7 | .5 <1 | 1.1 | 1 <2 | 0.7 | 2 <5 | 2.6 | 5 <10 | 9.7 | ≥10 | 79.1 | N= | 3214 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 12.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 80.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3216 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 13.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 69.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19343 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 77.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4453 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 0.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 9.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 79.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3214 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

July

5 Visibility Thresholds

**Sachs Harbour**VISIBILITY (NM)

| | |
|-------|-------|
| <.5 | 9.4 |
| .5 <1 | 2.1 |
| 1 <2 | 1.4 |
| 2 <5 | 3.7 |
| 5 <10 | 12.6 |
| ≥10 | 70.7 |
| N= | 10861 |

Mould BayVISIBILITY (NM)

| | |
|-------|------|
| <.5 | 1.0 |
| .5 <1 | 0.9 |
| 1 <2 | 1.2 |
| 2 <5 | 8.6 |
| 5 <10 | 25.8 |
| ≥10 | 62.5 |
| N= | 9599 |

Marine Area AVISIBILITY (NM)

| | |
|-------|------|
| <.5 | 21.1 |
| .5 <1 | 5.1 |
| 1 <2 | 5.1 |
| 2 <5 | 9.5 |
| 5 <10 | 31.4 |
| ≥10 | 27.6 |
| N= | 369 |

Marine Area BVISIBILITY (NM)

| | |
|-------|------|
| <.5 | 19.7 |
| .5 <1 | 5.3 |
| 1 <2 | 4.0 |
| 2 <5 | 6.8 |
| 5 <10 | 30.6 |
| ≥10 | 33.7 |
| N= | 2906 |

Marine Area CVISIBILITY (NM)

| | |
|-------|------|
| <.5 | 10.8 |
| .5 <1 | 1.6 |
| 1 <2 | 1.2 |
| 2 <5 | 4.5 |
| 5 <10 | 24.1 |
| ≥10 | 57.8 |
| N= | 3562 |

Marine Area DVISIBILITY (NM)

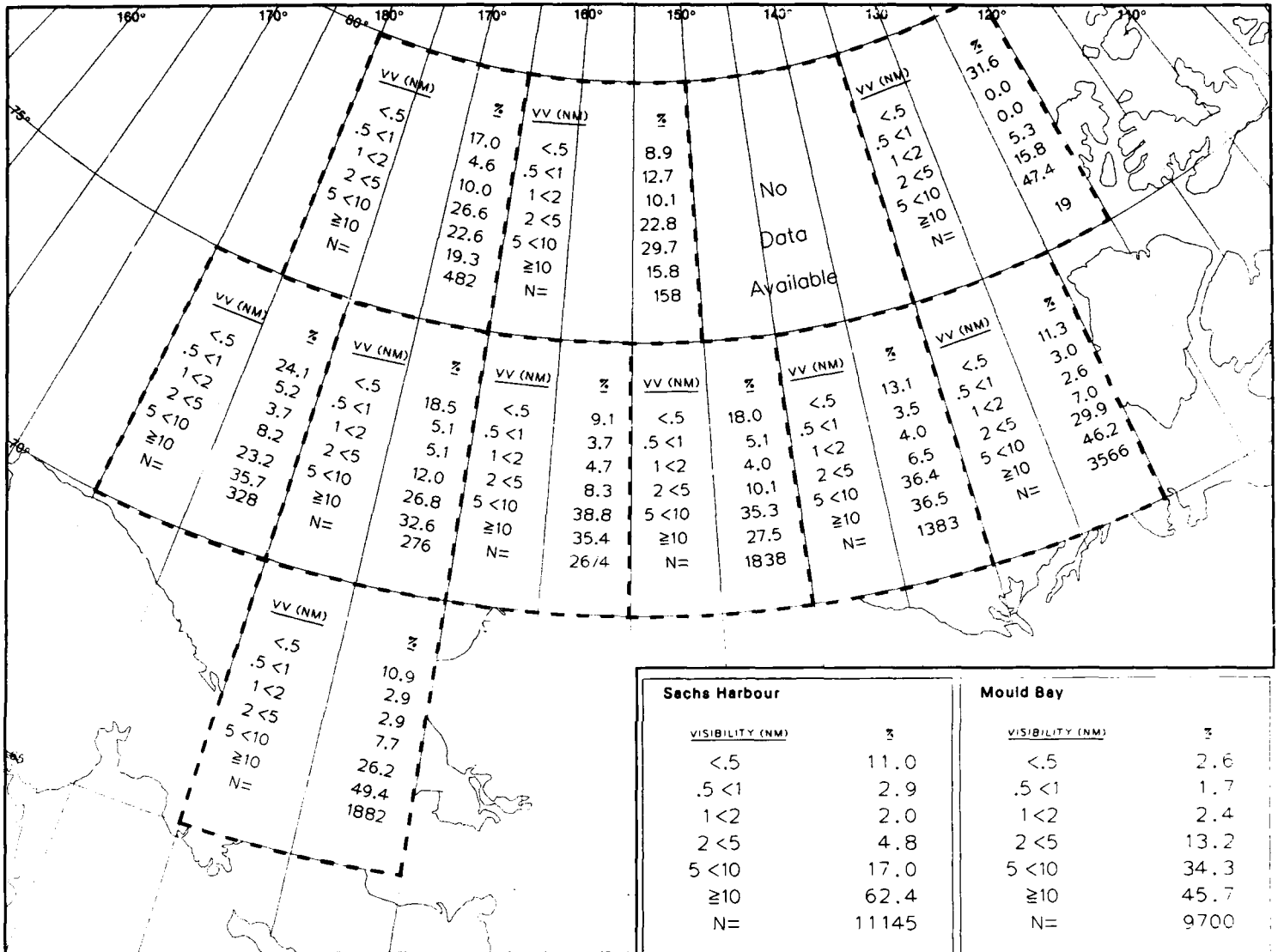
| | |
|-------|------|
| <.5 | 16.5 |
| .5 <1 | 3.2 |
| 1 <2 | 3.5 |
| 2 <5 | 6.3 |
| 5 <10 | 24.1 |
| ≥10 | 46.4 |
| N= | 2528 |

5 Visibility Thresholds**July**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|----------|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|---|------------------------|----------|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|------------------------|----------|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|------------------------|----------|-----|------|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|
| Ostrov Vrangolja <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>16.7</td></tr><tr><td>.5 <1</td><td>1.5</td></tr><tr><td>1 <2</td><td>2.6</td></tr><tr><td>2 <5</td><td>11.8</td></tr><tr><td>5 <10</td><td>10.3</td></tr><tr><td>≥10</td><td>57.0</td></tr><tr><td>N=</td><td>4278</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 16.7 | .5 <1 | 1.5 | 1 <2 | 2.6 | 2 <5 | 11.8 | 5 <10 | 10.3 | ≥10 | 57.0 | N= | 4278 | Mys Shmidt <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>12.4</td></tr><tr><td>.5 <1</td><td>7.3</td></tr><tr><td>1 <2</td><td>7.9</td></tr><tr><td>2 <5</td><td>10.3</td></tr><tr><td>5 <10</td><td>11.2</td></tr><tr><td>≥10</td><td>50.9</td></tr><tr><td>N=</td><td>4582</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 12.4 | .5 <1 | 7.3 | 1 <2 | 7.9 | 2 <5 | 10.3 | 5 <10 | 11.2 | ≥10 | 50.9 | N= | 4582 | Ostrov Kolychino <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>20.1</td></tr><tr><td>.5 <1</td><td>0.6</td></tr><tr><td>1 <2</td><td>2.4</td></tr><tr><td>2 <5</td><td>9.4</td></tr><tr><td>5 <10</td><td>17.6</td></tr><tr><td>≥10</td><td>49.8</td></tr><tr><td>N=</td><td>2591</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 20.1 | .5 <1 | 0.6 | 1 <2 | 2.4 | 2 <5 | 9.4 | 5 <10 | 17.6 | ≥10 | 49.8 | N= | 2591 | Mys Uelen <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>13.2</td></tr><tr><td>.5 <1</td><td>0.8</td></tr><tr><td>1 <2</td><td>2.8</td></tr><tr><td>2 <5</td><td>10.6</td></tr><tr><td>5 <10</td><td>17.1</td></tr><tr><td>≥10</td><td>55.5</td></tr><tr><td>N=</td><td>4549</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 13.2 | .5 <1 | 0.8 | 1 <2 | 2.8 | 2 <5 | 10.6 | 5 <10 | 17.1 | ≥10 | 55.5 | N= | 4549 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 16.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 10.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 57.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4278 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 7.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 11.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 50.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4582 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 20.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 9.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 17.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 49.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 2591 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 13.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 17.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 55.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4549 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tin City <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>14.6</td></tr><tr><td>.5 <1</td><td>4.3</td></tr><tr><td>1 <2</td><td>6.5</td></tr><tr><td>2 <5</td><td>12.6</td></tr><tr><td>5 <10</td><td>20.9</td></tr><tr><td>≥10</td><td>41.1</td></tr><tr><td>N=</td><td>20855</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 14.6 | .5 <1 | 4.3 | 1 <2 | 6.5 | 2 <5 | 12.6 | 5 <10 | 20.9 | ≥10 | 41.1 | N= | 20855 | Kotzebue <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>0.4</td></tr><tr><td>.5 <1</td><td>0.6</td></tr><tr><td>1 <2</td><td>1.3</td></tr><tr><td>2 <5</td><td>3.6</td></tr><tr><td>5 <10</td><td>14.2</td></tr><tr><td>≥10</td><td>79.9</td></tr><tr><td>N=</td><td>21794</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 0.4 | .5 <1 | 0.6 | 1 <2 | 1.3 | 2 <5 | 3.6 | 5 <10 | 14.2 | ≥10 | 79.9 | N= | 21794 | Cape Lisburne <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>2.2</td></tr><tr><td>.5 <1</td><td>2.7</td></tr><tr><td>1 <2</td><td>3.5</td></tr><tr><td>2 <5</td><td>10.8</td></tr><tr><td>5 <10</td><td>36.0</td></tr><tr><td>≥10</td><td>44.7</td></tr><tr><td>N=</td><td>20280</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 2.2 | .5 <1 | 2.7 | 1 <2 | 3.5 | 2 <5 | 10.8 | 5 <10 | 36.0 | ≥10 | 44.7 | N= | 20280 | Point Lay <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>3.7</td></tr><tr><td>.5 <1</td><td>2.5</td></tr><tr><td>1 <2</td><td>3.1</td></tr><tr><td>2 <5</td><td>7.6</td></tr><tr><td>5 <10</td><td>33.1</td></tr><tr><td>≥10</td><td>50.0</td></tr><tr><td>N=</td><td>3298</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 3.7 | .5 <1 | 2.5 | 1 <2 | 3.1 | 2 <5 | 7.6 | 5 <10 | 33.1 | ≥10 | 50.0 | N= | 3298 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 14.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 6.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 12.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 20.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 41.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 20855 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 0.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 14.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 79.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 21794 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 36.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 44.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 20280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 33.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 50.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3298 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barrow <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>9.3</td></tr><tr><td>.5 <1</td><td>4.9</td></tr><tr><td>1 <2</td><td>4.6</td></tr><tr><td>2 <5</td><td>10.7</td></tr><tr><td>5 <10</td><td>57.0</td></tr><tr><td>≥10</td><td>13.5</td></tr><tr><td>N=</td><td>19325</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 9.3 | .5 <1 | 4.9 | 1 <2 | 4.6 | 2 <5 | 10.7 | 5 <10 | 57.0 | ≥10 | 13.5 | N= | 19325 | Lonely <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>14.2</td></tr><tr><td>.5 <1</td><td>3.8</td></tr><tr><td>1 <2</td><td>2.7</td></tr><tr><td>2 <5</td><td>7.0</td></tr><tr><td>5 <10</td><td>48.1</td></tr><tr><td>≥10</td><td>24.1</td></tr><tr><td>N=</td><td>3433</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 14.2 | .5 <1 | 3.8 | 1 <2 | 2.7 | 2 <5 | 7.0 | 5 <10 | 48.1 | ≥10 | 24.1 | N= | 3433 | Oliktok <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>11.0</td></tr><tr><td>.5 <1</td><td>5.1</td></tr><tr><td>1 <2</td><td>3.1</td></tr><tr><td>2 <5</td><td>7.8</td></tr><tr><td>5 <10</td><td>46.4</td></tr><tr><td>≥10</td><td>26.5</td></tr><tr><td>N=</td><td>3322</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 11.0 | .5 <1 | 5.1 | 1 <2 | 3.1 | 2 <5 | 7.8 | 5 <10 | 46.4 | ≥10 | 26.5 | N= | 3322 | Barter <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>17.6</td></tr><tr><td>.5 <1</td><td>5.5</td></tr><tr><td>1 <2</td><td>4.5</td></tr><tr><td>2 <5</td><td>6.9</td></tr><tr><td>5 <10</td><td>22.0</td></tr><tr><td>≥10</td><td>43.5</td></tr><tr><td>N=</td><td>18470</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 17.6 | .5 <1 | 5.5 | 1 <2 | 4.5 | 2 <5 | 6.9 | 5 <10 | 22.0 | ≥10 | 43.5 | N= | 18470 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 9.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 57.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 13.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19325 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 14.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 48.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 24.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3433 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 11.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 46.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 26.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3322 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 17.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 22.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 43.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18470 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tuktoyaktuk <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>3.0</td></tr><tr><td>.5 <1</td><td>2.3</td></tr><tr><td>1 <2</td><td>1.9</td></tr><tr><td>2 <5</td><td>3.9</td></tr><tr><td>5 <10</td><td>15.8</td></tr><tr><td>≥10</td><td>73.1</td></tr><tr><td>N=</td><td>3223</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 3.0 | .5 <1 | 2.3 | 1 <2 | 1.9 | 2 <5 | 3.9 | 5 <10 | 15.8 | ≥10 | 73.1 | N= | 3223 | Cape Perry <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>6.7</td></tr><tr><td>.5 <1</td><td>3.2</td></tr><tr><td>1 <2</td><td>2.8</td></tr><tr><td>2 <5</td><td>6.1</td></tr><tr><td>5 <10</td><td>20.4</td></tr><tr><td>≥10</td><td>60.8</td></tr><tr><td>N=</td><td>19340</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 6.7 | .5 <1 | 3.2 | 1 <2 | 2.8 | 2 <5 | 6.1 | 5 <10 | 20.4 | ≥10 | 60.8 | N= | 19340 | Clinton Point <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>5.3</td></tr><tr><td>.5 <1</td><td>1.3</td></tr><tr><td>1 <2</td><td>0.8</td></tr><tr><td>2 <5</td><td>5.2</td></tr><tr><td>5 <10</td><td>12.1</td></tr><tr><td>≥10</td><td>75.4</td></tr><tr><td>N=</td><td>4483</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 5.3 | .5 <1 | 1.3 | 1 <2 | 0.8 | 2 <5 | 5.2 | 5 <10 | 12.1 | ≥10 | 75.4 | N= | 4483 | Holman <table><tr><td><u>VISIBILITY (NM)</u></td><td><u>%</u></td></tr><tr><td><.5</td><td>10.1</td></tr><tr><td>.5 <1</td><td>1.9</td></tr><tr><td>1 <2</td><td>1.4</td></tr><tr><td>2 <5</td><td>2.9</td></tr><tr><td>5 <10</td><td>15.2</td></tr><tr><td>≥10</td><td>68.4</td></tr><tr><td>N=</td><td>3202</td></tr></table> | <u>VISIBILITY (NM)</u> | <u>%</u> | <.5 | 10.1 | .5 <1 | 1.9 | 1 <2 | 1.4 | 2 <5 | 2.9 | 5 <10 | 15.2 | ≥10 | 68.4 | N= | 3202 |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 15.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 73.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3223 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 6.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 20.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 60.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 12.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 75.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4483 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>VISIBILITY (NM)</u> | <u>%</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 10.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 15.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 68.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3202 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

August

5 Visibility Thresholds



| Sachs Harbour | |
|-----------------|-------|
| VISIBILITY (NM) | % |
| <.5 | 11.0 |
| .5 <1 | 2.9 |
| 1 <2 | 2.0 |
| 2 <5 | 4.8 |
| 5 <10 | 17.0 |
| ≥10 | 62.4 |
| N= | 11145 |

| Mould Bay | |
|-----------------|------|
| VISIBILITY (NM) | % |
| <.5 | 2.6 |
| .5 <1 | 1.7 |
| 1 <2 | 2.4 |
| 2 <5 | 13.2 |
| 5 <10 | 34.3 |
| ≥10 | 45.7 |
| N= | 9700 |

| Marine Area A | |
|-----------------|------|
| VISIBILITY (NM) | % |
| <.5 | 17.8 |
| .5 <1 | 4.2 |
| 1 <2 | 4.5 |
| 2 <5 | 9.3 |
| 5 <10 | 25.5 |
| ≥10 | 38.7 |
| N= | 600 |

| Marine Area B | |
|-----------------|------|
| VISIBILITY (NM) | % |
| <.5 | 12.7 |
| .5 <1 | 4.3 |
| 1 <2 | 4.4 |
| 2 <5 | 9.2 |
| 5 <10 | 37.6 |
| ≥10 | 31.9 |
| N= | 4587 |

| Marine Area C | |
|-----------------|------|
| VISIBILITY (NM) | % |
| <.5 | 11.4 |
| .5 <1 | 2.7 |
| 1 <2 | 2.9 |
| 2 <5 | 6.7 |
| 5 <10 | 29.4 |
| ≥10 | 46.9 |
| N= | 7680 |

| Marine Area D | |
|-----------------|------|
| VISIBILITY (NM) | % |
| <.5 | 11.1 |
| .5 <1 | 2.7 |
| 1 <2 | 2.9 |
| 2 <5 | 7.9 |
| 5 <10 | 25.6 |
| ≥10 | 49.8 |
| N= | 2314 |

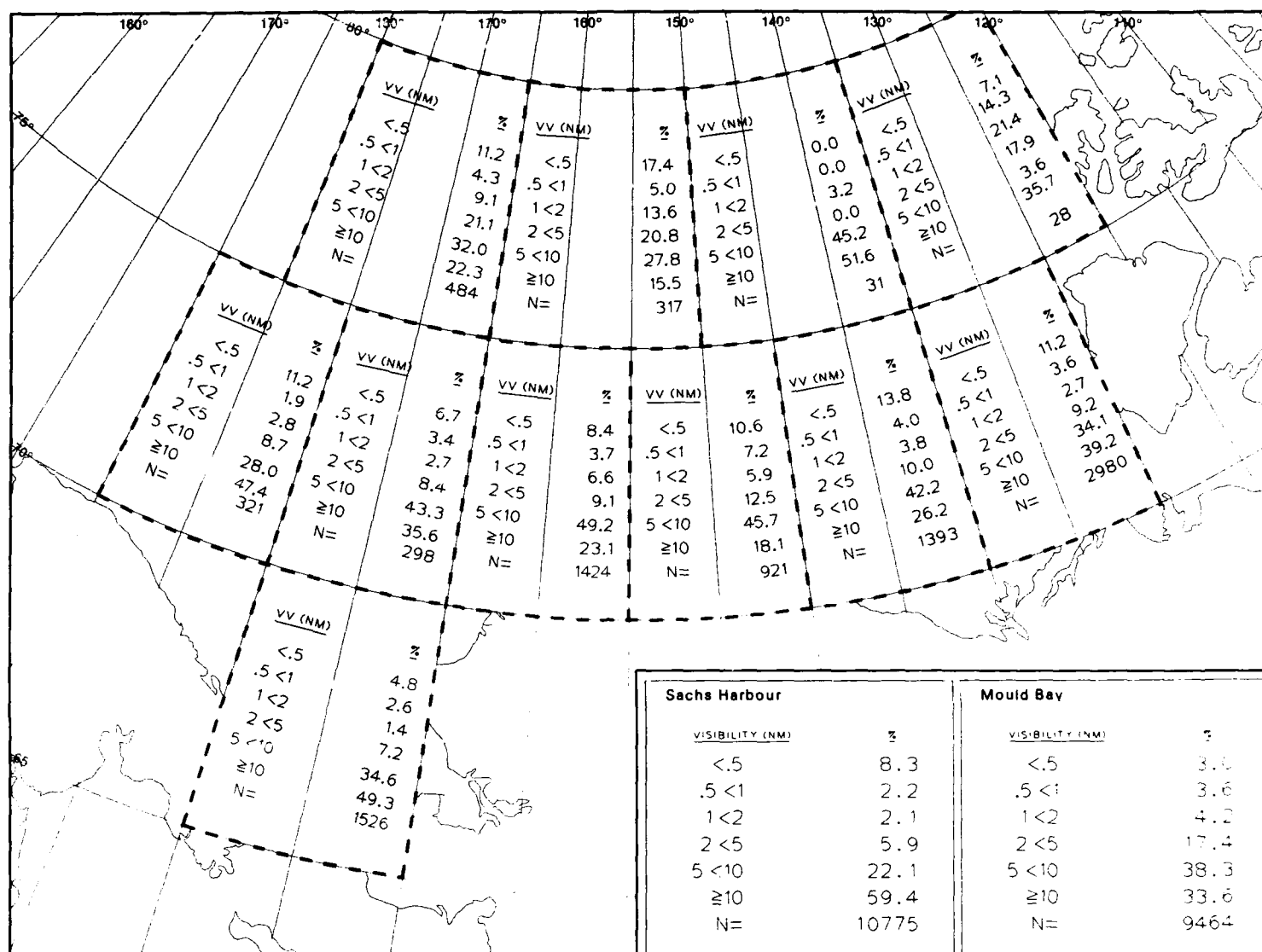
5 Visibility Thresholds

August

| | | | |
|---|--|---|---|
| Ostrov Vrangeliya <u>VISIBILITY (NM)</u> % <.5 7.0 .5 <1 1.5 1 <2 3.5 2 <5 16.3 5 <10 13.2 ≥10 58.6 N= 4091 | Mys Shmidt <u>VISIBILITY (NM)</u> % <.5 8.5 .5 <1 7.6 1 <2 7.6 2 <5 11.5 5 <10 12.9 ≥10 52.0 N= 4340 | Ostrov Kolyuchino <u>VISIBILITY (NM)</u> % <.5 13.0 .5 <1 0.9 1 <2 2.5 2 <5 9.2 5 <10 33.7 ≥10 40.7 N= 2471 | Mys Uelen <u>VISIBILITY (NM)</u> % <.5 7.8 .5 <1 0.8 1 <2 3.0 2 <5 11.3 5 <10 16.8 ≥10 60.2 N= 4374 |
| Tin City <u>VISIBILITY (NM)</u> % <.5 6.1 .5 <1 2.3 1 <2 4.9 2 <5 11.4 5 <10 28.5 ≥10 46.9 N= 19573 | Kotzebue <u>VISIBILITY (NM)</u> % <.5 0.4 .5 <1 0.5 1 <2 0.9 2 <5 3.0 5 <10 15.4 ≥10 79.8 N= 21065 | Cape Lisburne <u>VISIBILITY (NM)</u> % <.5 0.7 .5 <1 1.7 1 <2 2.8 2 <5 10.4 5 <10 45.9 ≥10 38.5 N= 19538 | Point Lay <u>VISIBILITY (NM)</u> % <.5 3.2 .5 <1 2.4 1 <2 2.5 2 <5 7.5 5 <10 42.3 ≥10 42.1 N= 3237 |
| Barrow <u>VISIBILITY (NM)</u> % <.5 5.1 .5 <1 3.8 1 <2 4.9 2 <5 13.5 5 <10 62.0 ≥10 10.6 N= 18707 | Lonely <u>VISIBILITY (NM)</u> % <.5 8.3 .5 <1 4.2 1 <2 3.2 2 <5 7.8 5 <10 56.1 ≥10 20.4 N= 3337 | Oliktok <u>VISIBILITY (NM)</u> % <.5 8.8 .5 <1 5.9 1 <2 4.2 2 <5 8.9 5 <10 52.8 ≥10 19.5 N= 3251 | Barter <u>VISIBILITY (NM)</u> % <.5 14.6 .5 <1 6.5 1 <2 5.3 2 <5 8.1 5 <10 26.2 ≥10 39.4 N= 17742 |
| Tuktoyaktuk <u>VISIBILITY (NM)</u> % <.5 3.9 .5 <1 1.8 1 <2 2.5 2 <5 3.8 5 <10 24.2 ≥10 63.8 N= 3119 | Cape Perry <u>VISIBILITY (NM)</u> % <.5 5.2 .5 <1 4.0 1 <2 3.3 2 <5 7.6 5 <10 26.6 ≥10 53.4 N= 18975 | Clinton Point <u>VISIBILITY (NM)</u> % <.5 5.7 .5 <1 2.7 1 <2 1.0 2 <5 5.0 5 <10 14.8 ≥10 70.8 N= 4356 | Holmen <u>VISIBILITY (NM)</u> % <.5 10.8 .5 <1 2.8 1 <2 2.2 2 <5 5.0 5 <10 17.0 ≥10 62.1 N= 3114 |

September

5 Visibility Thresholds



Sachs Harbour

| VISIBILITY (NM) | % |
|-----------------|-------|
| <.5 | 8.3 |
| .5 <1 | 2.2 |
| 1 <2 | 2.1 |
| 2 <5 | 5.9 |
| 5 <10 | 22.1 |
| ≥10 | 59.4 |
| N= | 10775 |

Mould Bay

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 3.6 |
| .5 <1 | 3.6 |
| 1 <2 | 4.2 |
| 2 <5 | 17.4 |
| 5 <10 | 38.3 |
| ≥10 | 33.6 |
| N= | 9464 |

Marine Area A

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 8.5 |
| .5 <1 | 2.9 |
| 1 <2 | 2.7 |
| 2 <5 | 10.7 |
| 5 <10 | 36.0 |
| ≥10 | 39.2 |
| N= | 625 |

Marine Area B

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 9.6 |
| .5 <1 | 5.2 |
| 1 <2 | 6.3 |
| 2 <5 | 10.3 |
| 5 <10 | 47.3 |
| ≥10 | 21.2 |
| N= | 2346 |

Marine Area C

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 10.2 |
| .5 <1 | 3.3 |
| 1 <2 | 3.1 |
| 2 <5 | 9.3 |
| 5 <10 | 36.3 |
| ≥10 | 37.8 |
| N= | 7096 |

Marine Area D

| VISIBILITY (NM) | % |
|-----------------|------|
| <.5 | 4.3 |
| .5 <1 | 2.3 |
| 1 <2 | 1.8 |
| 2 <5 | 7.0 |
| 5 <10 | 33.9 |
| ≥10 | 50.7 |
| N= | 2045 |

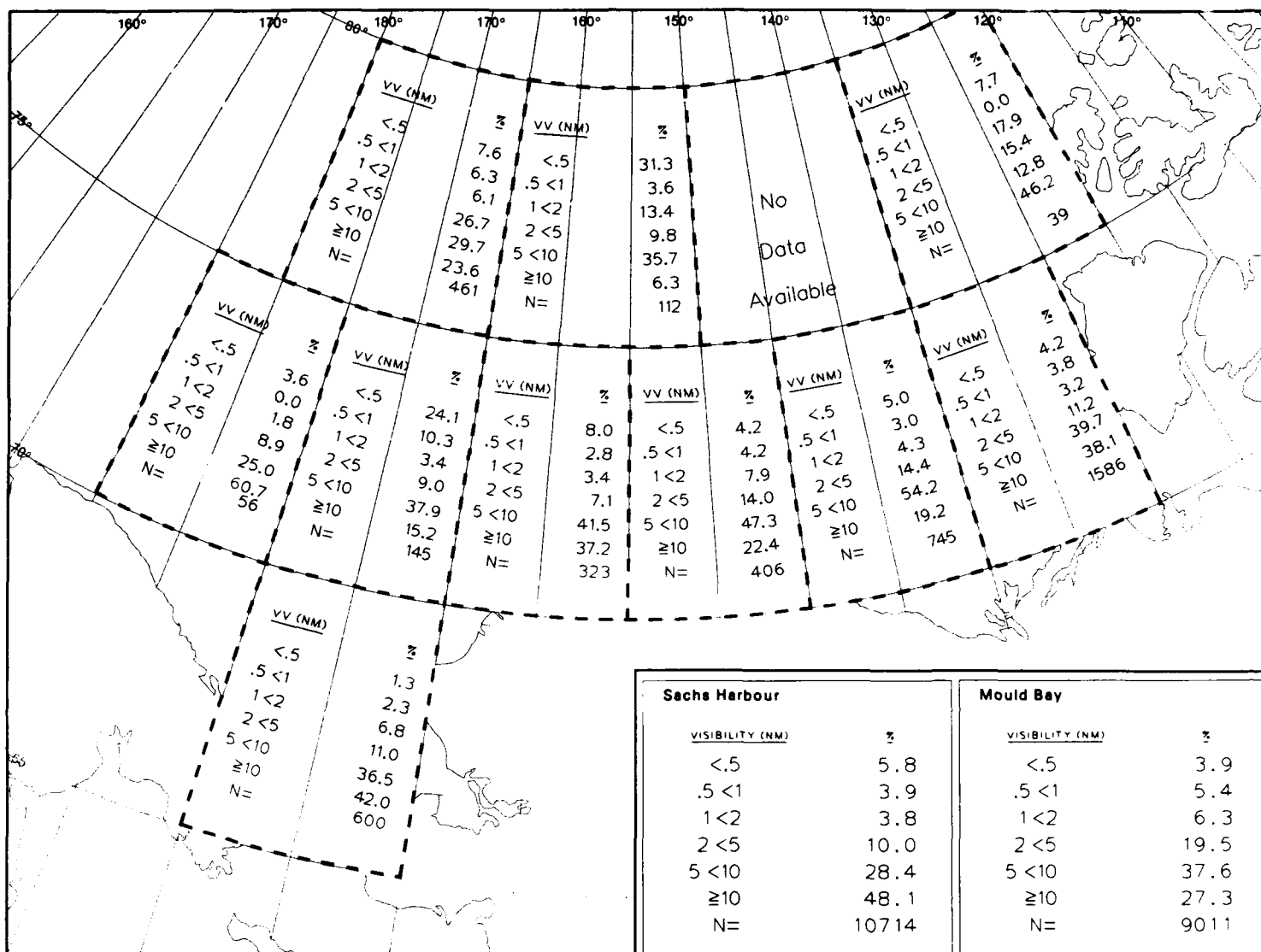
5 Visibility Thresholds

September

| <div>Ostrov Vrangolja</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>3.5</td></tr><tr><td>.5 <1</td><td>3.2</td></tr><tr><td>1 <2</td><td>5.4</td></tr><tr><td>2 <5</td><td>18.8</td></tr><tr><td>5 <10</td><td>13.6</td></tr><tr><td>≥10</td><td>55.4</td></tr><tr><td>N=</td><td>4279</td></tr></table> | VISIBILITY (NM) | % | <.5 | 3.5 | .5 <1 | 3.2 | 1 <2 | 5.4 | 2 <5 | 18.8 | 5 <10 | 13.6 | ≥10 | 55.4 | N= | 4279 | <div>Mys Shmidt</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>7.8</td></tr><tr><td>.5 <1</td><td>8.8</td></tr><tr><td>1 <2</td><td>7.6</td></tr><tr><td>2 <5</td><td>12.2</td></tr><tr><td>5 <10</td><td>16.2</td></tr><tr><td>≥10</td><td>47.5</td></tr><tr><td>N=</td><td>4600</td></tr></table> | VISIBILITY (NM) | % | <.5 | 7.8 | .5 <1 | 8.8 | 1 <2 | 7.6 | 2 <5 | 12.2 | 5 <10 | 16.2 | ≥10 | 47.5 | N= | 4600 | <div>Ostrov Kolychino</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>3.7</td></tr><tr><td>.5 <1</td><td>1.9</td></tr><tr><td>1 <2</td><td>8.4</td></tr><tr><td>2 <5</td><td>16.8</td></tr><tr><td>5 <10</td><td>39.7</td></tr><tr><td>≥10</td><td>29.4</td></tr><tr><td>N=</td><td>2760</td></tr></table> | VISIBILITY (NM) | % | <.5 | 3.7 | .5 <1 | 1.9 | 1 <2 | 8.4 | 2 <5 | 16.8 | 5 <10 | 39.7 | ≥10 | 29.4 | N= | 2760 | <div>Mys Uelen</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>1.5</td></tr><tr><td>.5 <1</td><td>1.5</td></tr><tr><td>1 <2</td><td>5.8</td></tr><tr><td>2 <5</td><td>16.9</td></tr><tr><td>5 <10</td><td>15.4</td></tr><tr><td>≥10</td><td>58.8</td></tr><tr><td>N=</td><td>4565</td></tr></table> | VISIBILITY (NM) | % | <.5 | 1.5 | .5 <1 | 1.5 | 1 <2 | 5.8 | 2 <5 | 16.9 | 5 <10 | 15.4 | ≥10 | 58.8 | N= | 4565 |
|---|-----------------|---|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|-----------------|---|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|---|-----------------|---|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|--|-----------------|---|-----|-----|-------|-----|------|-----|------|------|-------|------|-----|------|----|-------|
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 18.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 13.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 55.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4279 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 7.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 12.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 16.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 47.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 8.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 16.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 39.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 29.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 2760 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 16.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 15.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 58.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4565 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Tin City</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>5.3</td></tr><tr><td>.5 <1</td><td>3.9</td></tr><tr><td>1 <2</td><td>7.2</td></tr><tr><td>2 <5</td><td>13.0</td></tr><tr><td>5 <10</td><td>33.0</td></tr><tr><td>≥10</td><td>37.6</td></tr><tr><td>N=</td><td>19749</td></tr></table> | VISIBILITY (NM) | % | <.5 | 5.3 | .5 <1 | 3.9 | 1 <2 | 7.2 | 2 <5 | 13.0 | 5 <10 | 33.0 | ≥10 | 37.6 | N= | 19749 | <div>Kotzebue</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>1.2</td></tr><tr><td>.5 <1</td><td>1.6</td></tr><tr><td>1 <2</td><td>2.4</td></tr><tr><td>2 <5</td><td>5.4</td></tr><tr><td>5 <10</td><td>18.2</td></tr><tr><td>≥10</td><td>71.3</td></tr><tr><td>N=</td><td>21788</td></tr></table> | VISIBILITY (NM) | % | <.5 | 1.2 | .5 <1 | 1.6 | 1 <2 | 2.4 | 2 <5 | 5.4 | 5 <10 | 18.2 | ≥10 | 71.3 | N= | 21788 | <div>Cape Lisburne</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>1.8</td></tr><tr><td>.5 <1</td><td>3.8</td></tr><tr><td>1 <2</td><td>4.9</td></tr><tr><td>2 <5</td><td>12.6</td></tr><tr><td>5 <10</td><td>46.6</td></tr><tr><td>≥10</td><td>30.3</td></tr><tr><td>N=</td><td>20333</td></tr></table> | VISIBILITY (NM) | % | <.5 | 1.8 | .5 <1 | 3.8 | 1 <2 | 4.9 | 2 <5 | 12.6 | 5 <10 | 46.6 | ≥10 | 30.3 | N= | 20333 | <div>Point Lay</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>4.1</td></tr><tr><td>.5 <1</td><td>3.5</td></tr><tr><td>1 <2</td><td>3.2</td></tr><tr><td>2 <5</td><td>9.2</td></tr><tr><td>5 <10</td><td>47.7</td></tr><tr><td>≥10</td><td>32.3</td></tr><tr><td>N=</td><td>3186</td></tr></table> | VISIBILITY (NM) | % | <.5 | 4.1 | .5 <1 | 3.5 | 1 <2 | 3.2 | 2 <5 | 9.2 | 5 <10 | 47.7 | ≥10 | 32.3 | N= | 3186 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 7.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 13.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 33.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 37.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19749 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 5.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 18.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 71.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 21788 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 12.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 46.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 30.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 20333 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 9.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 47.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 32.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3186 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Barrow</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>3.8</td></tr><tr><td>.5 <1</td><td>4.3</td></tr><tr><td>1 <2</td><td>5.4</td></tr><tr><td>2 <5</td><td>16.1</td></tr><tr><td>5 <10</td><td>60.4</td></tr><tr><td>≥10</td><td>10.0</td></tr><tr><td>N=</td><td>19089</td></tr></table> | VISIBILITY (NM) | % | <.5 | 3.8 | .5 <1 | 4.3 | 1 <2 | 5.4 | 2 <5 | 16.1 | 5 <10 | 60.4 | ≥10 | 10.0 | N= | 19089 | <div>Lorrey</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>4.3</td></tr><tr><td>.5 <1</td><td>3.5</td></tr><tr><td>1 <2</td><td>3.9</td></tr><tr><td>2 <5</td><td>10.3</td></tr><tr><td>5 <10</td><td>58.4</td></tr><tr><td>≥10</td><td>19.6</td></tr><tr><td>N=</td><td>3431</td></tr></table> | VISIBILITY (NM) | % | <.5 | 4.3 | .5 <1 | 3.5 | 1 <2 | 3.9 | 2 <5 | 10.3 | 5 <10 | 58.4 | ≥10 | 19.6 | N= | 3431 | <div>Oliktok</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>4.1</td></tr><tr><td>.5 <1</td><td>6.1</td></tr><tr><td>1 <2</td><td>4.8</td></tr><tr><td>2 <5</td><td>11.6</td></tr><tr><td>5 <10</td><td>55.2</td></tr><tr><td>≥10</td><td>18.3</td></tr><tr><td>N=</td><td>3352</td></tr></table> | VISIBILITY (NM) | % | <.5 | 4.1 | .5 <1 | 6.1 | 1 <2 | 4.8 | 2 <5 | 11.6 | 5 <10 | 55.2 | ≥10 | 18.3 | N= | 3352 | <div>Barter</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>6.7</td></tr><tr><td>.5 <1</td><td>6.4</td></tr><tr><td>1 <2</td><td>7.3</td></tr><tr><td>2 <5</td><td>14.2</td></tr><tr><td>5 <10</td><td>32.3</td></tr><tr><td>≥10</td><td>33.1</td></tr><tr><td>N=</td><td>18077</td></tr></table> | VISIBILITY (NM) | % | <.5 | 6.7 | .5 <1 | 6.4 | 1 <2 | 7.3 | 2 <5 | 14.2 | 5 <10 | 32.3 | ≥10 | 33.1 | N= | 18077 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 5.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 16.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 60.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 10.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19089 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 10.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 58.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 19.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3431 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 6.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 11.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 55.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 18.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3352 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 6.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 6.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 14.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 32.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 33.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 18077 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Tuktoyaktuk</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>2.7</td></tr><tr><td>.5 <1</td><td>3.0</td></tr><tr><td>1 <2</td><td>4.4</td></tr><tr><td>2 <5</td><td>7.8</td></tr><tr><td>5 <10</td><td>29.0</td></tr><tr><td>≥10</td><td>53.2</td></tr><tr><td>N=</td><td>3217</td></tr></table> | VISIBILITY (NM) | % | <.5 | 2.7 | .5 <1 | 3.0 | 1 <2 | 4.4 | 2 <5 | 7.8 | 5 <10 | 29.0 | ≥10 | 53.2 | N= | 3217 | <div>Cape Parry</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>3.2</td></tr><tr><td>.5 <1</td><td>4.5</td></tr><tr><td>1 <2</td><td>4.5</td></tr><tr><td>2 <5</td><td>12.0</td></tr><tr><td>5 <10</td><td>33.7</td></tr><tr><td>≥10</td><td>42.1</td></tr><tr><td>N=</td><td>19839</td></tr></table> | VISIBILITY (NM) | % | <.5 | 3.2 | .5 <1 | 4.5 | 1 <2 | 4.5 | 2 <5 | 12.0 | 5 <10 | 33.7 | ≥10 | 42.1 | N= | 19839 | <div>Clinton Point</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>7.9</td></tr><tr><td>.5 <1</td><td>2.9</td></tr><tr><td>1 <2</td><td>2.4</td></tr><tr><td>2 <5</td><td>7.4</td></tr><tr><td>5 <10</td><td>21.1</td></tr><tr><td>≥10</td><td>58.2</td></tr><tr><td>N=</td><td>4475</td></tr></table> | VISIBILITY (NM) | % | <.5 | 7.9 | .5 <1 | 2.9 | 1 <2 | 2.4 | 2 <5 | 7.4 | 5 <10 | 21.1 | ≥10 | 58.2 | N= | 4475 | <div>Holman</div> <table><tr><th>VISIBILITY (NM)</th><th>%</th></tr><tr><td><.5</td><td>5.6</td></tr><tr><td>.5 <1</td><td>3.7</td></tr><tr><td>1 <2</td><td>3.4</td></tr><tr><td>2 <5</td><td>7.9</td></tr><tr><td>5 <10</td><td>22.1</td></tr><tr><td>≥10</td><td>57.2</td></tr><tr><td>N=</td><td>3221</td></tr></table> | VISIBILITY (NM) | % | <.5 | 5.6 | .5 <1 | 3.7 | 1 <2 | 3.4 | 2 <5 | 7.9 | 5 <10 | 22.1 | ≥10 | 57.2 | N= | 3221 |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 29.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 53.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3217 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 4.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 4.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 12.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 33.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 42.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 19839 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 7.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 21.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 58.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 4475 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VISIBILITY (NM) | % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <.5 | 5.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .5 <1 | 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 <2 | 3.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 <5 | 7.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 <10 | 22.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | 57.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N= | 3221 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

October

5 Visibility Thresholds



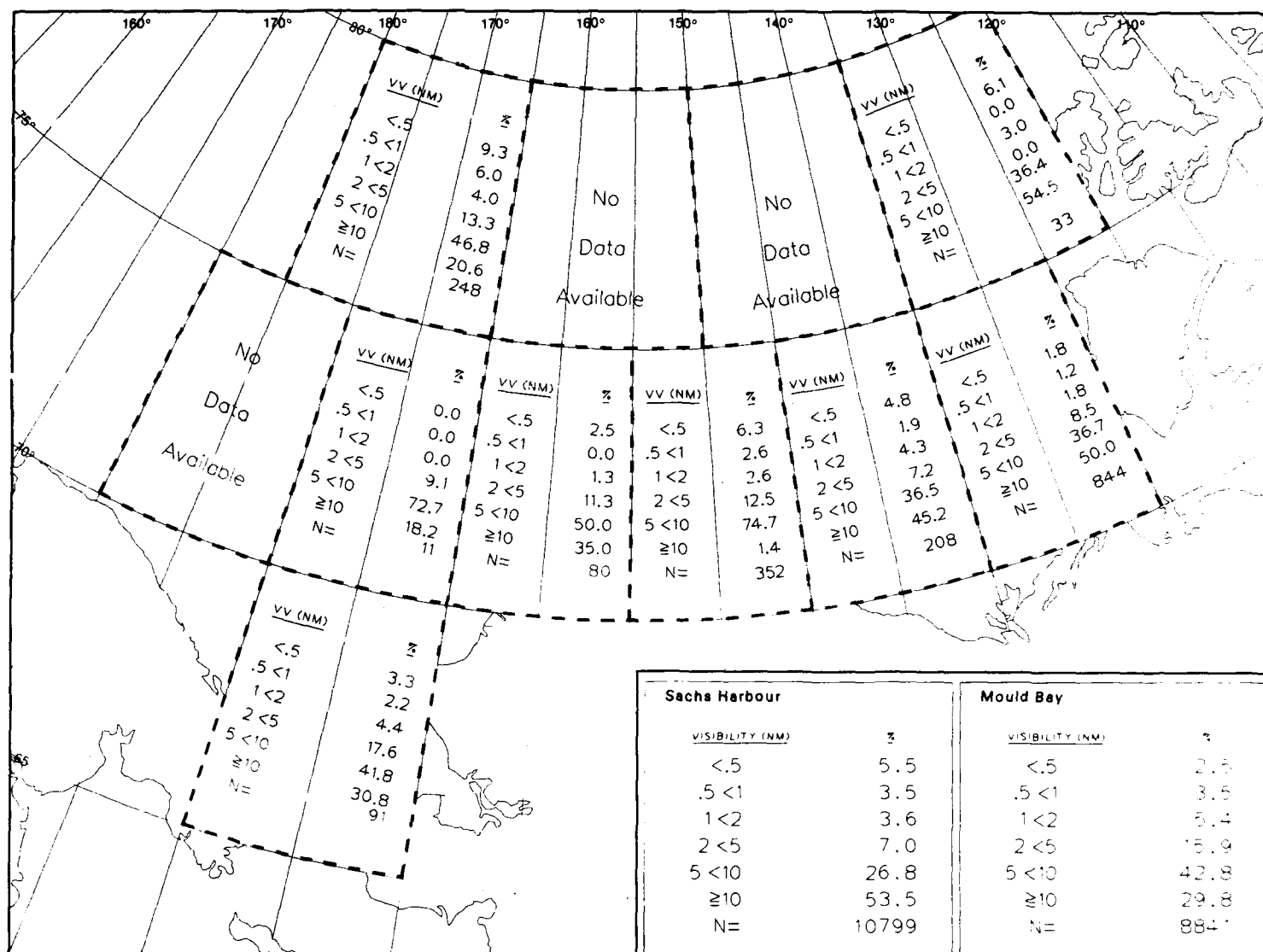
5 Visibility Thresholds

October

| | | | |
|---|--|--|---|
| Ostrov Vrangellja <u>VISIBILITY (NM)</u> % <.5 6.7 .5 <1 5.5 1 <2 8.7 2 <5 21.4 5 <10 12.2 ≥10 45.5 N= 4149 | Mys Shmidt <u>VISIBILITY (NM)</u> % <.5 15.2 .5 <1 10.4 1 <2 8.3 2 <5 16.0 5 <10 15.8 ≥10 34.3 N= 4375 | Ostrov Kolychino <u>VISIBILITY (NM)</u> % <.5 2.0 .5 <1 2.6 1 <2 9.2 2 <5 14.1 5 <10 49.4 ≥10 22.6 N= 2621 | Mys Uelen <u>VISIBILITY (NM)</u> % <.5 2.4 .5 <1 3.4 1 <2 9.6 2 <5 20.2 5 <10 12.9 ≥10 51.5 N= 4359 |
| Tin City <u>VISIBILITY (NM)</u> % <.5 12.2 .5 <1 6.4 1 <2 10.0 2 <5 15.3 5 <10 31.9 ≥10 24.2 N= 19227 | Kotzebue <u>VISIBILITY (NM)</u> % <.5 2.7 .5 <1 2.7 1 <2 3.6 2 <5 7.5 5 <10 24.5 ≥10 58.9 N= 21085 | Cape Lisburne <u>VISIBILITY (NM)</u> % <.5 2.3 .5 <1 3.9 1 <2 5.7 2 <5 15.3 5 <10 52.8 ≥10 20.0 N= 19506 | Point Lay <u>VISIBILITY (NM)</u> % <.5 9.3 .5 <1 4.7 1 <2 4.2 2 <5 9.0 5 <10 46.8 ≥10 25.9 N= 3240 |
| Barrow <u>VISIBILITY (NM)</u> % <.5 6.4 .5 <1 4.5 1 <2 5.7 2 <5 14.7 5 <10 58.2 ≥10 10.4 N= 18468 | Lonely <u>VISIBILITY (NM)</u> % <.5 5.8 .5 <1 4.2 1 <2 4.6 2 <5 10.6 5 <10 56.4 ≥10 18.4 N= 3332 | Oliktok <u>VISIBILITY (NM)</u> % <.5 6.2 .5 <1 5.0 1 <2 4.5 2 <5 11.6 5 <10 52.1 ≥10 20.6 N= 3223 | Barter <u>VISIBILITY (NM)</u> % <.5 8.2 .5 <1 5.6 1 <2 6.3 2 <5 11.6 5 <10 35.2 ≥10 33.2 N= 17448 |
| Tuktoyaktuk <u>VISIBILITY (NM)</u> % <.5 2.8 .5 <1 3.0 1 <2 4.0 2 <5 6.8 5 <10 27.6 ≥10 55.8 N= 3117 | Cape Parry <u>VISIBILITY (NM)</u> % <.5 3.9 .5 <1 4.4 1 <2 5.0 2 <5 11.5 5 <10 35.2 ≥10 40.0 N= 19199 | Clinton Point <u>VISIBILITY (NM)</u> % <.5 6.6 .5 <1 4.0 1 <2 3.5 2 <5 6.8 5 <10 22.4 ≥10 56.7 N= 4340 | Holman <u>VISIBILITY (NM)</u> % <.5 7.4 .5 <1 2.9 1 <2 3.8 2 <5 7.7 5 <10 23.1 ≥10 55.1 N= 3114 |

November

5 Visibility Thresholds



| Marine Area A | | Marine Area B | | Marine Area C | | Marine Area D | |
|-----------------|------|-----------------|------|-----------------|------|-----------------|------|
| VISIBILITY (NM) | % | VISIBILITY (NM) | % | VISIBILITY (NM) | % | VISIBILITY (NM) | % |
| <.5 | 0.0 | <.5 | 5.4 | <.5 | 2.4 | <.5 | 4.0 |
| .5 <1 | 0.0 | .5 <1 | 2.0 | .5 <1 | 1.8 | .5 <1 | 3.2 |
| 1 <2 | 0.0 | 1 <2 | 2.7 | 1 <2 | 3.3 | 1 <2 | 4.0 |
| 2 <5 | 6.3 | 2 <5 | 12.9 | 2 <5 | 7.7 | 2 <5 | 16.8 |
| 5 <10 | 62.5 | 5 <10 | 69.8 | 5 <10 | 32.8 | 5 <10 | 40.6 |
| ≥10 | 31.3 | ≥10 | 7.2 | ≥10 | 51.9 | ≥10 | 31.7 |
| N= | 16 | N= | 443 | N= | 1688 | N= | 101 |

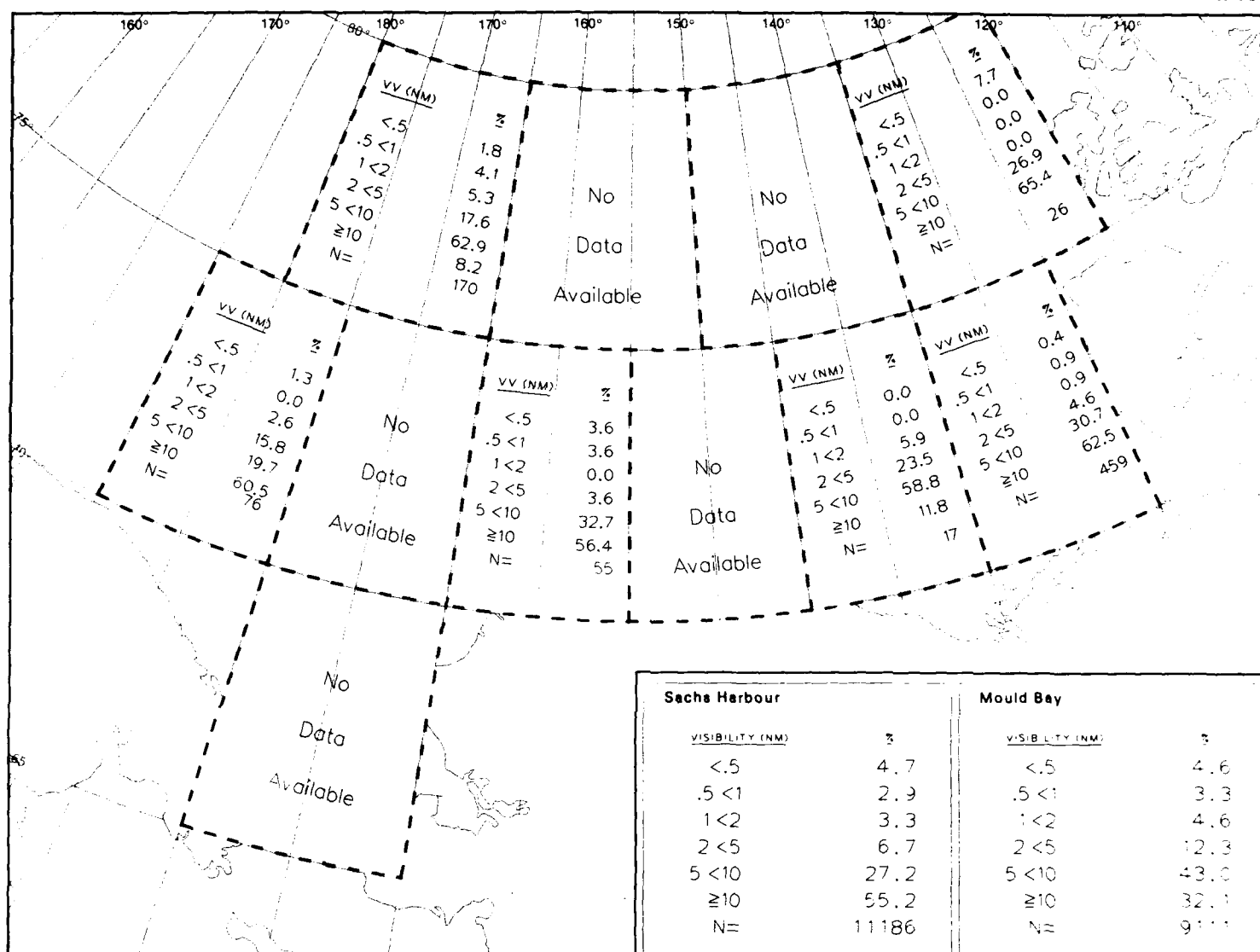
5 Visibility Thresholds

November

| | | | |
|---|---|--|--|
| Ostrov Vrangeliya <u>VISIBILITY (NM)</u> % <.5 3.1 .5 <1 3.3 1 <2 6.7 2 <5 18.2 5 <10 12.8 ≥10 55.9 N= 4195 | Mys Shmidta <u>VISIBILITY (NM)</u> % <.5 9.3 .5 <1 9.1 1 <2 8.9 2 <5 12.8 5 <10 18.1 ≥10 41.8 N= 4447 | Ostrov Kolychino <u>VISIBILITY (NM)</u> % <.5 1.4 .5 <1 1.5 1 <2 5.5 2 <5 10.1 5 <10 55.9 ≥10 25.6 N= 2603 | Mys Uelen <u>VISIBILITY (NM)</u> % <.5 1.6 .5 <1 2.3 1 <2 6.7 2 <5 16.7 5 <10 12.9 ≥10 59.4 N= 4487 |
| Tin City <u>VISIBILITY (NM)</u> % <.5 12.6 .5 <1 8.2 1 <2 12.0 2 <5 16.6 5 <10 29.7 ≥10 20.9 N= 19232 | Kotzebue <u>VISIBILITY (NM)</u> % <.5 3.5 .5 <1 2.8 1 <2 4.0 2 <5 7.6 5 <10 26.4 ≥10 55.7 N= 21785 | Cape Lisburne <u>VISIBILITY (NM)</u> % <.5 2.5 .5 <1 3.8 1 <2 5.2 2 <5 13.7 5 <10 54.3 ≥10 20.5 N= 19370 | Point Lay <u>VISIBILITY (NM)</u> % <.5 12.7 .5 <1 8.7 1 <2 12.7 2 <5 17.7 5 <10 45.7 ≥10 14.4 N= 374 |
| Barrow <u>VISIBILITY (NM)</u> % <.5 4.7 .5 <1 3.7 1 <2 4.4 2 <5 12.4 5 <10 61.3 ≥10 14.2 N= 19756 | Lonely <u>VISIBILITY (NM)</u> % <.5 3.0 .5 <1 3.7 1 <2 3.5 2 <5 7.7 5 <10 61.8 ≥10 20.8 N= 3476 | Oliktok <u>VISIBILITY (NM)</u> % <.5 5.0 .5 <1 4.3 1 <2 4.5 2 <5 8.3 5 <10 56.6 ≥10 22.0 N= 3344 | Barter <u>VISIBILITY (NM)</u> % <.5 4.4 .5 <1 4.4 1 <2 4.4 2 <5 11.7 5 <10 45.7 ≥10 36.7 N= 11915 |
| Tuktoyaktuk <u>VISIBILITY (NM)</u> % <.5 4.4 .5 <1 2.7 1 <2 3.0 2 <5 6.9 5 <10 27.6 ≥10 55.2 N= 3267 | Cape Parry <u>VISIBILITY (NM)</u> % <.5 3.3 .5 <1 4.7 1 <2 4.8 2 <5 11.7 5 <10 35.9 ≥10 40.8 N= 19790 | Clinton Point <u>VISIBILITY (NM)</u> % <.5 6.9 .5 <1 3.7 1 <2 2.6 2 <5 5.5 5 <10 19.7 ≥10 60.7 N= 4547 | Holman <u>VISIBILITY (NM)</u> % <.5 1.7 .5 <1 2.4 1 <2 2.7 2 <5 12.7 5 <10 27.7 ≥10 58.4 N= 4077 |

December

5 Visibility Thresholds



5 Visibility Thresholds

December

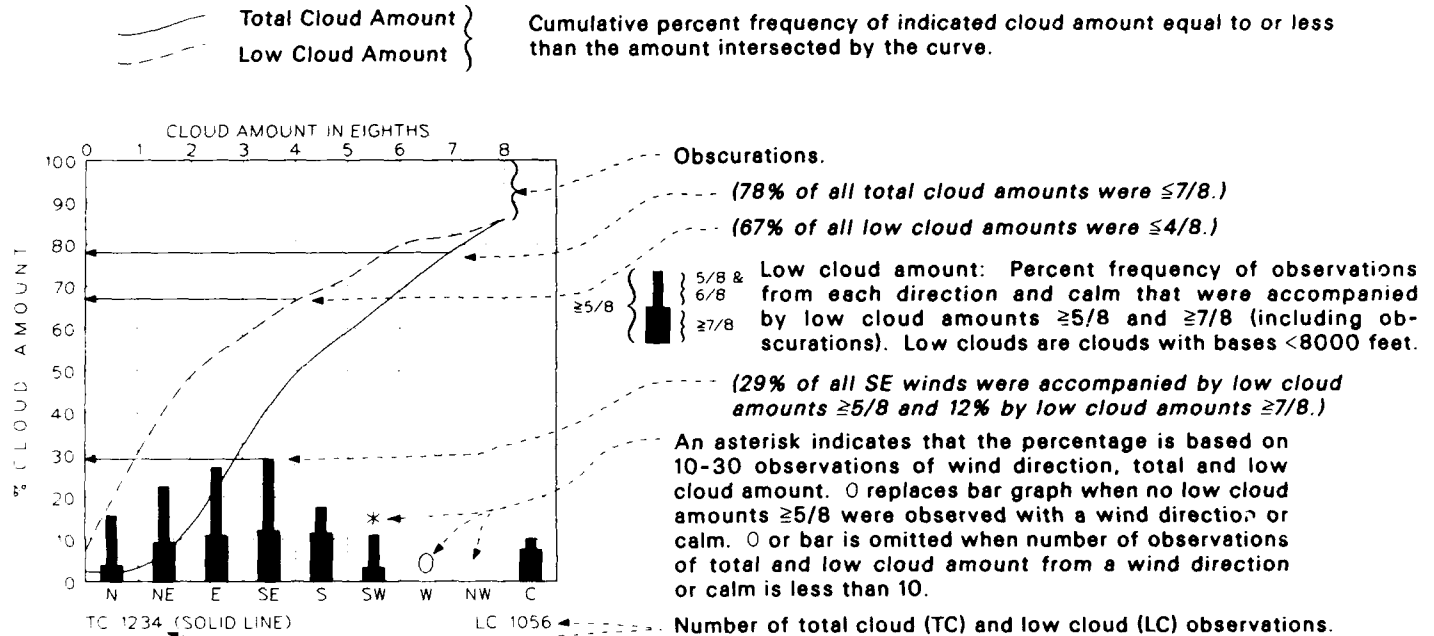
Map 6. Cloud amount

BLACK LINE – Percent frequency of total cloud amount $\leq 2/8$.

BLUE LINE – Percent frequency of low cloud amount $\geq 5/8$.

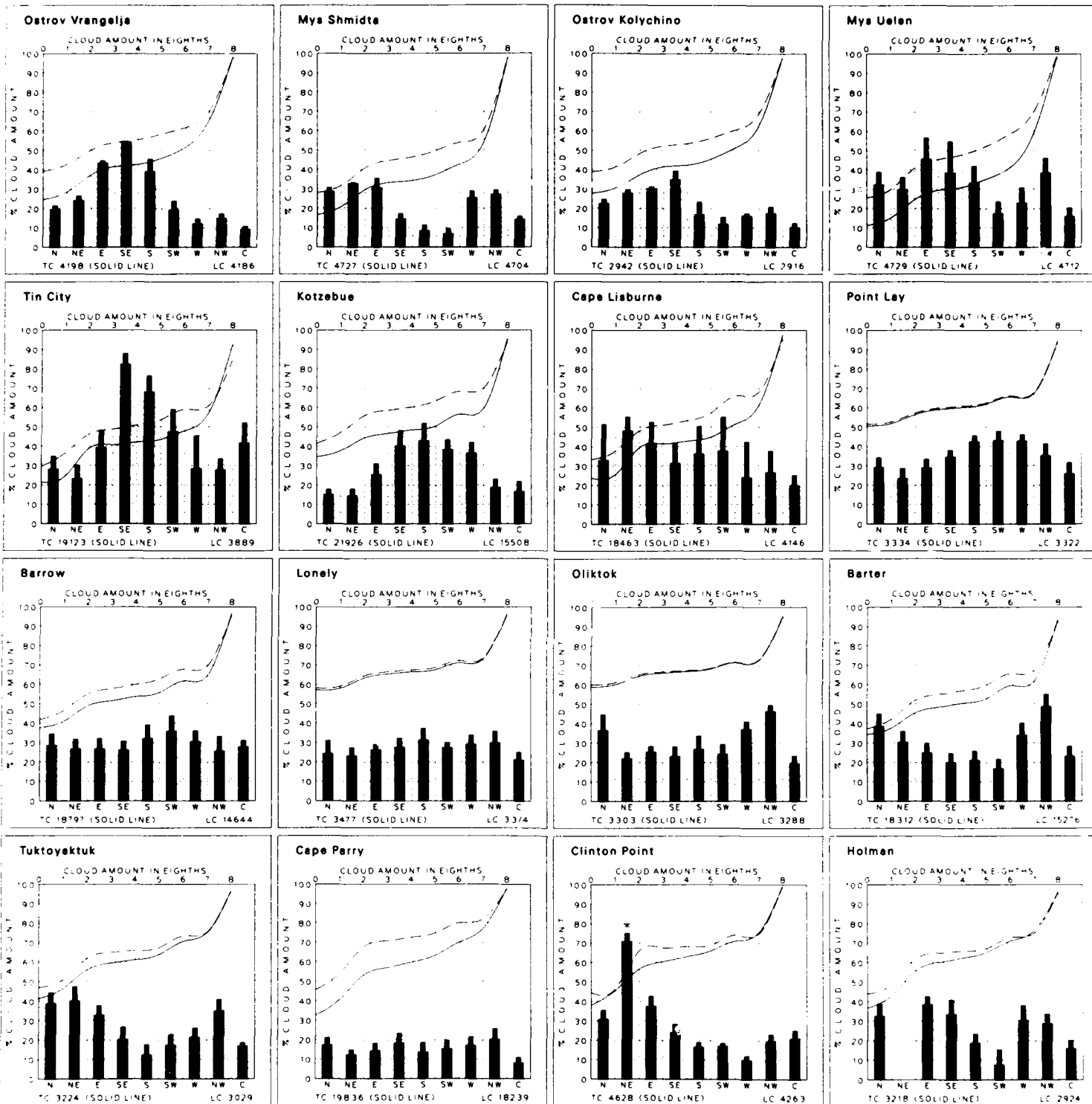
Albers Equal-Area Conic Projection

Graphs: Cloud cover/wind direction



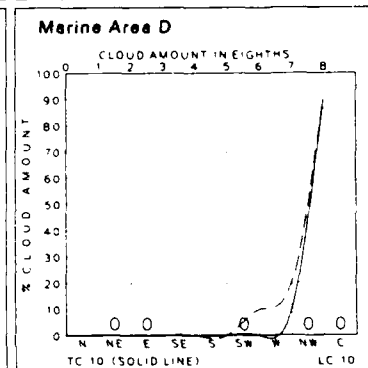
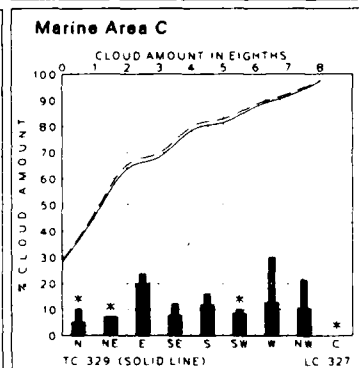
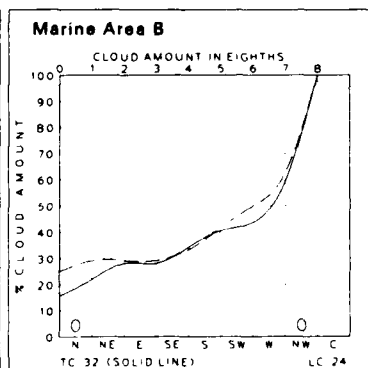
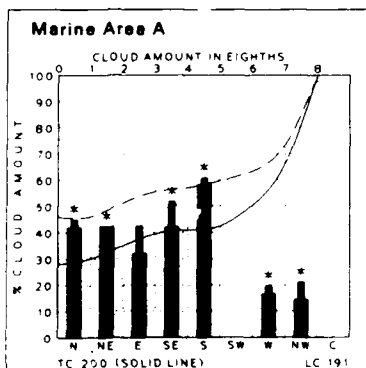
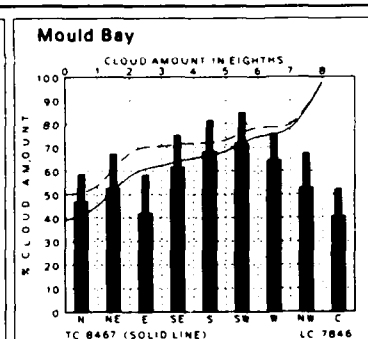
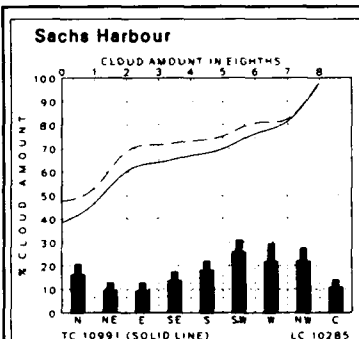
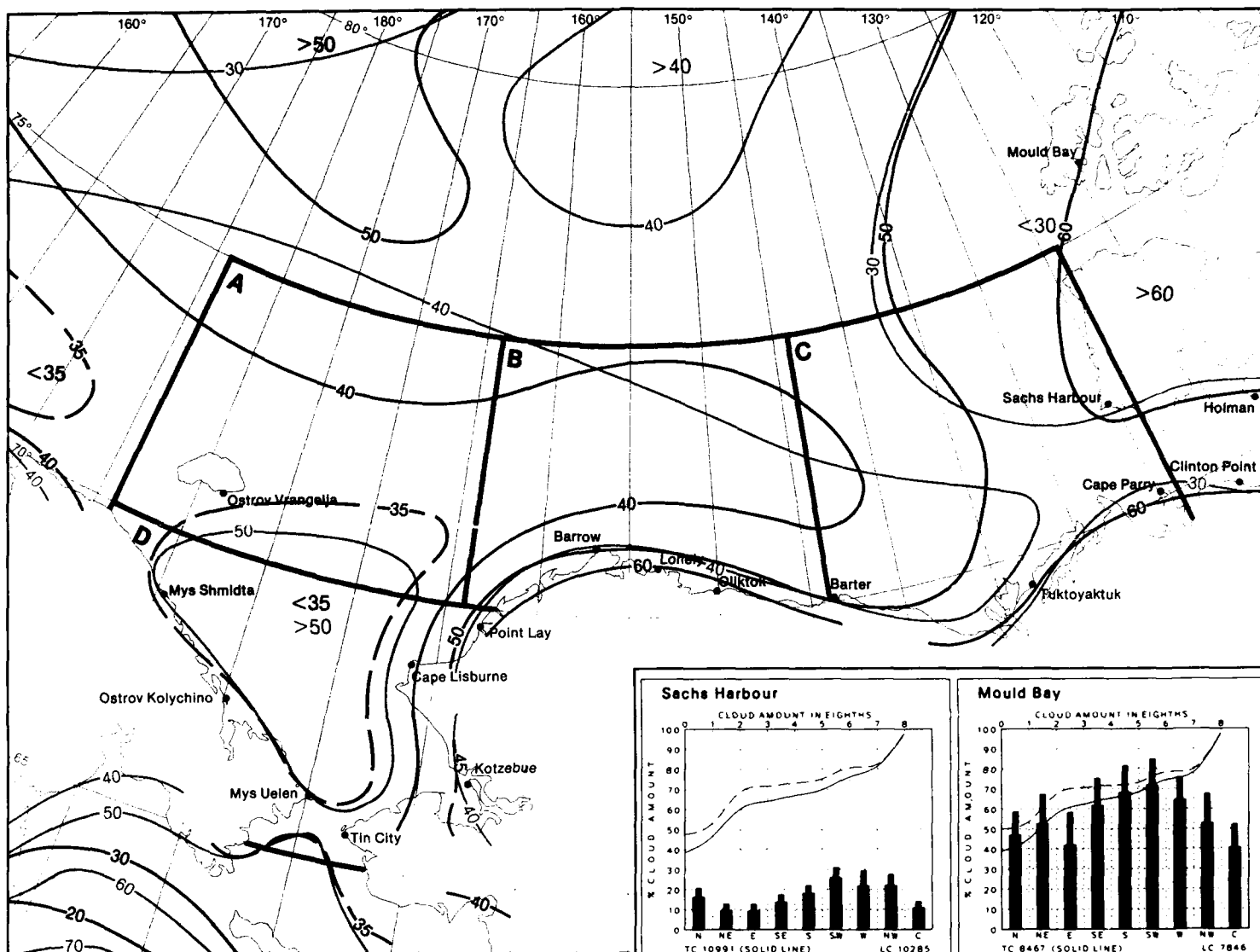
A survey of the cloud data (total and low cloud amounts) from the marine data base shows the number of total cloud reports significantly greater than that of low cloud amounts. This is because many of the early marine observations contain only total cloud amounts. Therefore, somewhat different samples may be used to compute the two curves on the graph. This may lead to inconsistencies where the low cloud amount appears higher than the total cloud amount. Where this occurred, the graph was adjusted in favor of the total cloud by making the curves coincide. The frequency of obscured conditions may be determined from the graph by subtracting the cumulative percent frequency on the curve corresponding to 8/8 coverage from 100%. In computing the bar graph, obscurations are considered as 8/8 coverage.

For the two isopleth presentations (total cloud amount $\leq 2/8$ and low cloud amount $\geq 5/8$), only those observations reporting both total and low cloud amounts were summarized. This helps eliminate problems introduced as a result of different size data sets. A comparison of total cloud analyses based on satellite data by the U.S. Department of Commerce and U.S. Air Force (1971) shows a fairly close agreement with, and bolsters the confidence in, the marine cloud statistics presented in this atlas. Refer to the texts in Sets 3 and 4 for additional information on clouds.



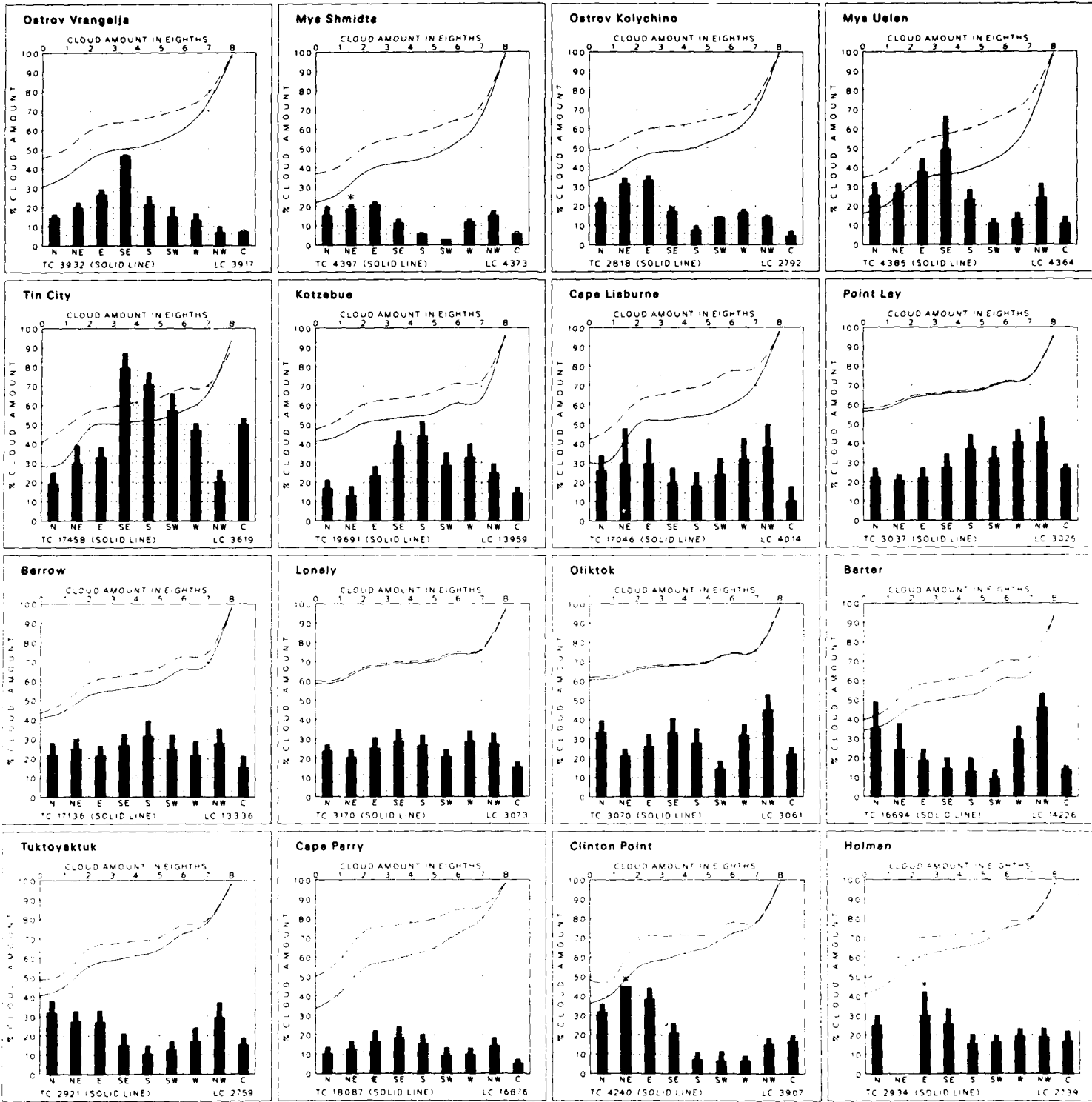
January

6 Cloud Cover and Wind Direction



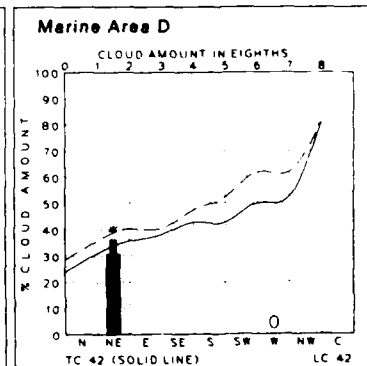
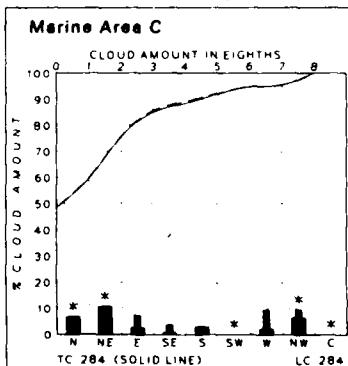
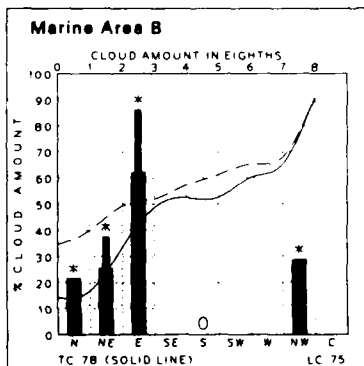
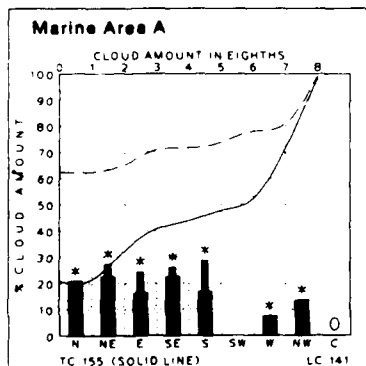
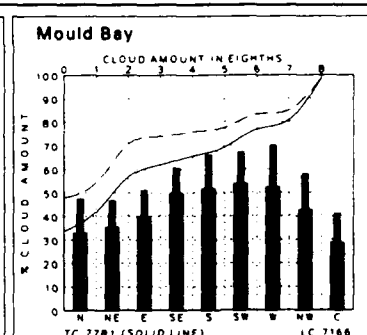
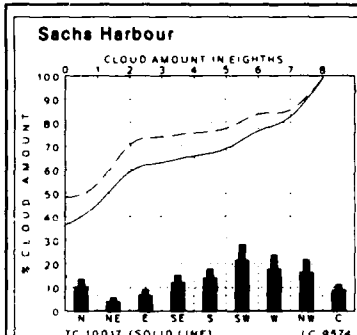
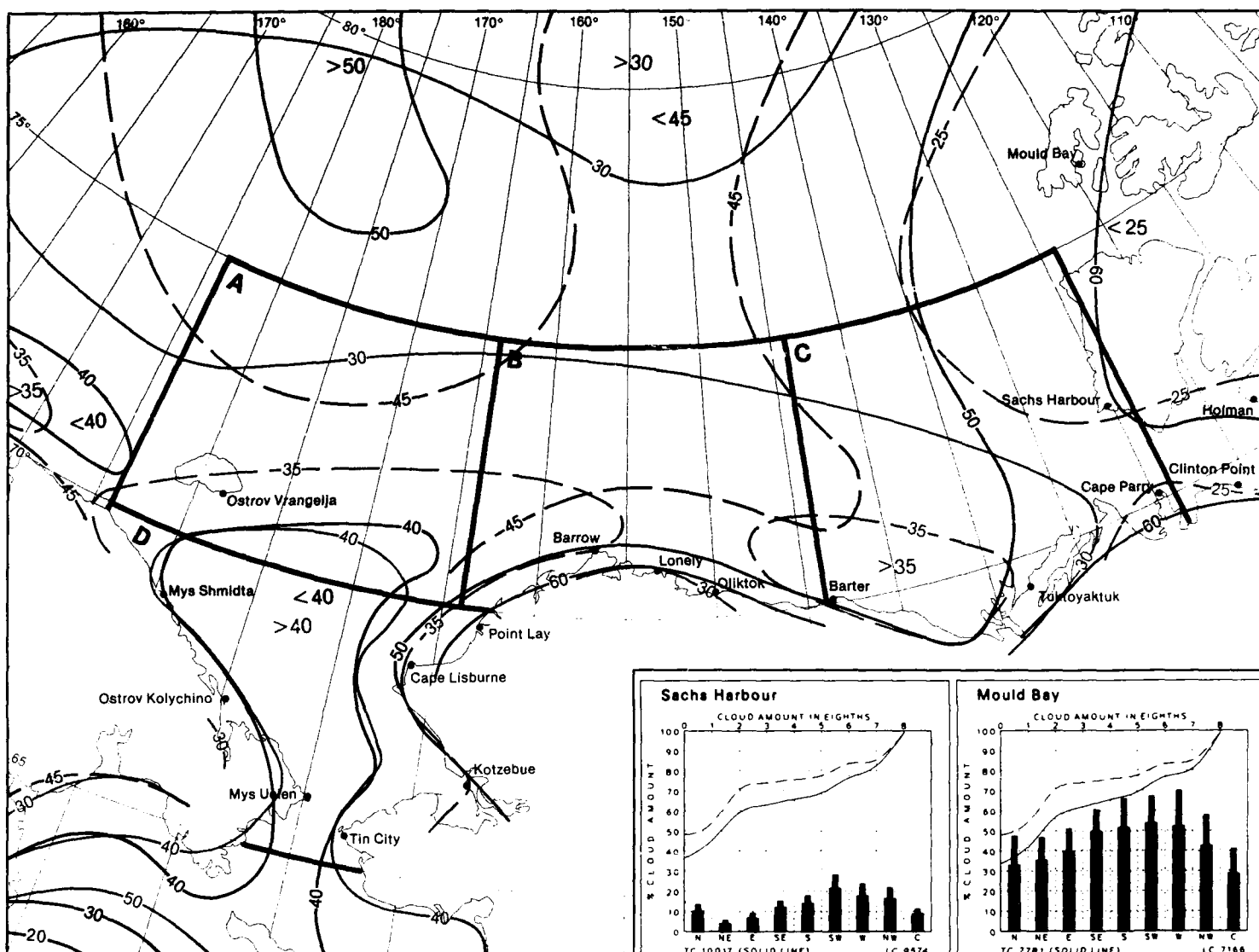
6 Clouds $\leq 2/8$ and $\geq 5/8$

January



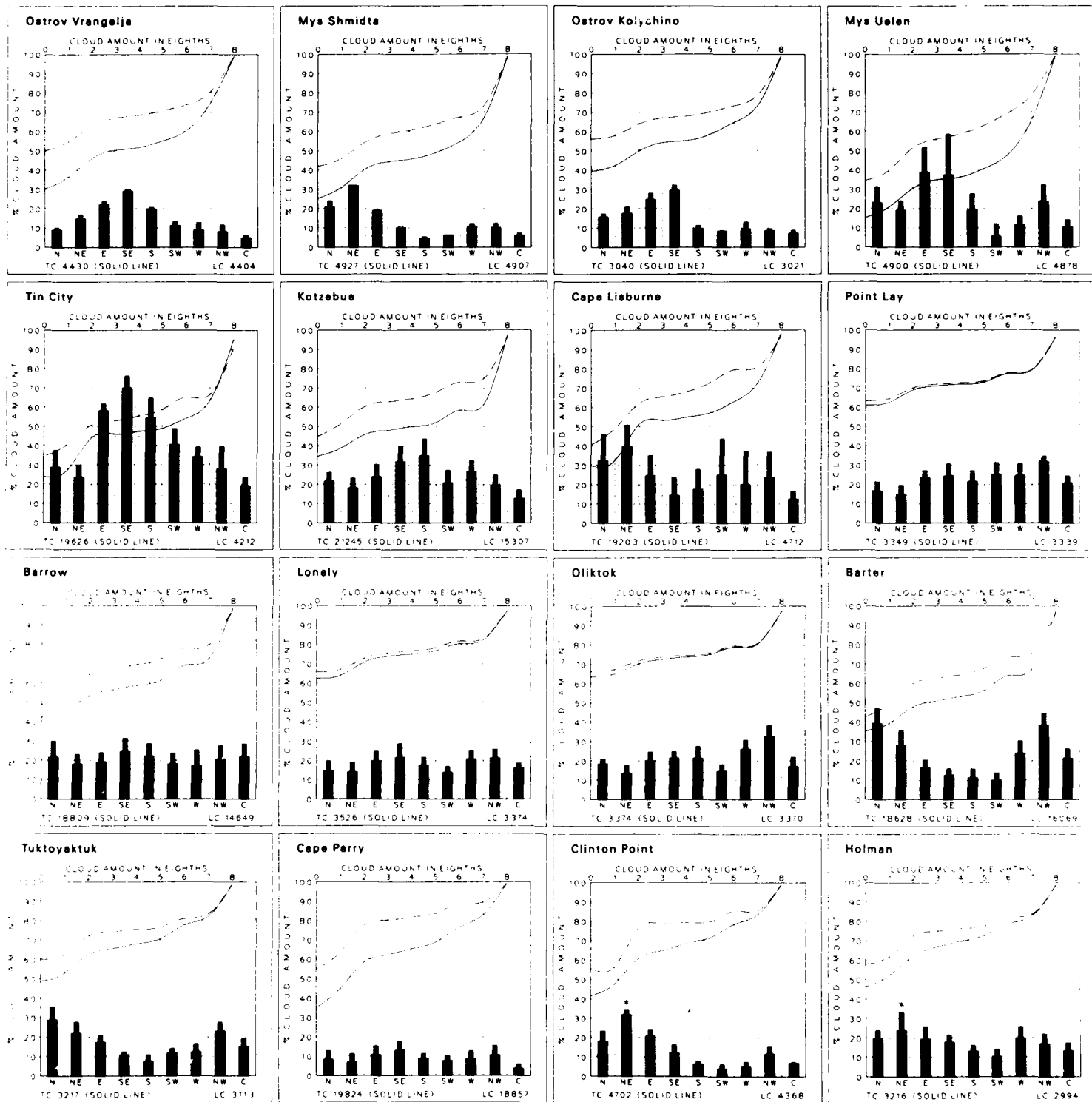
February

6 Cloud Cover and Wind Direction



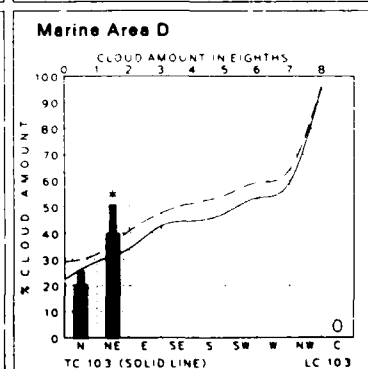
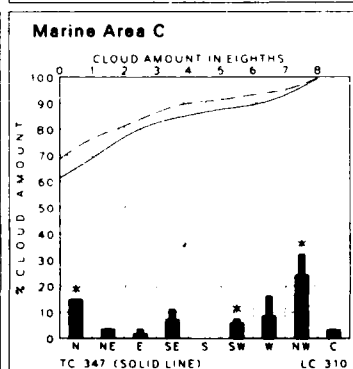
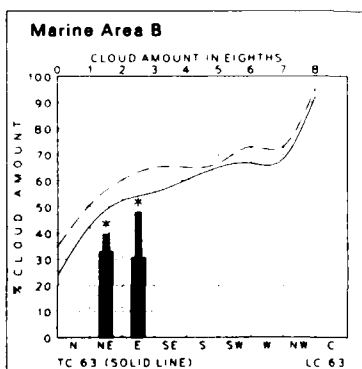
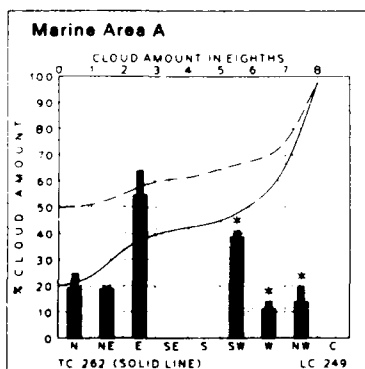
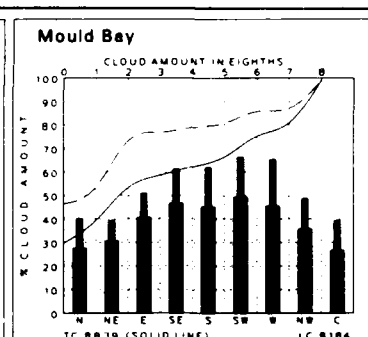
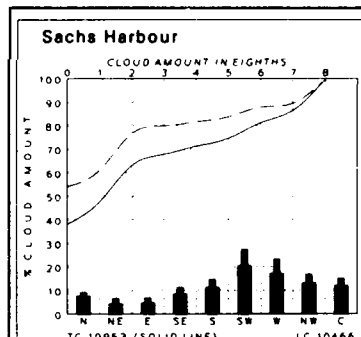
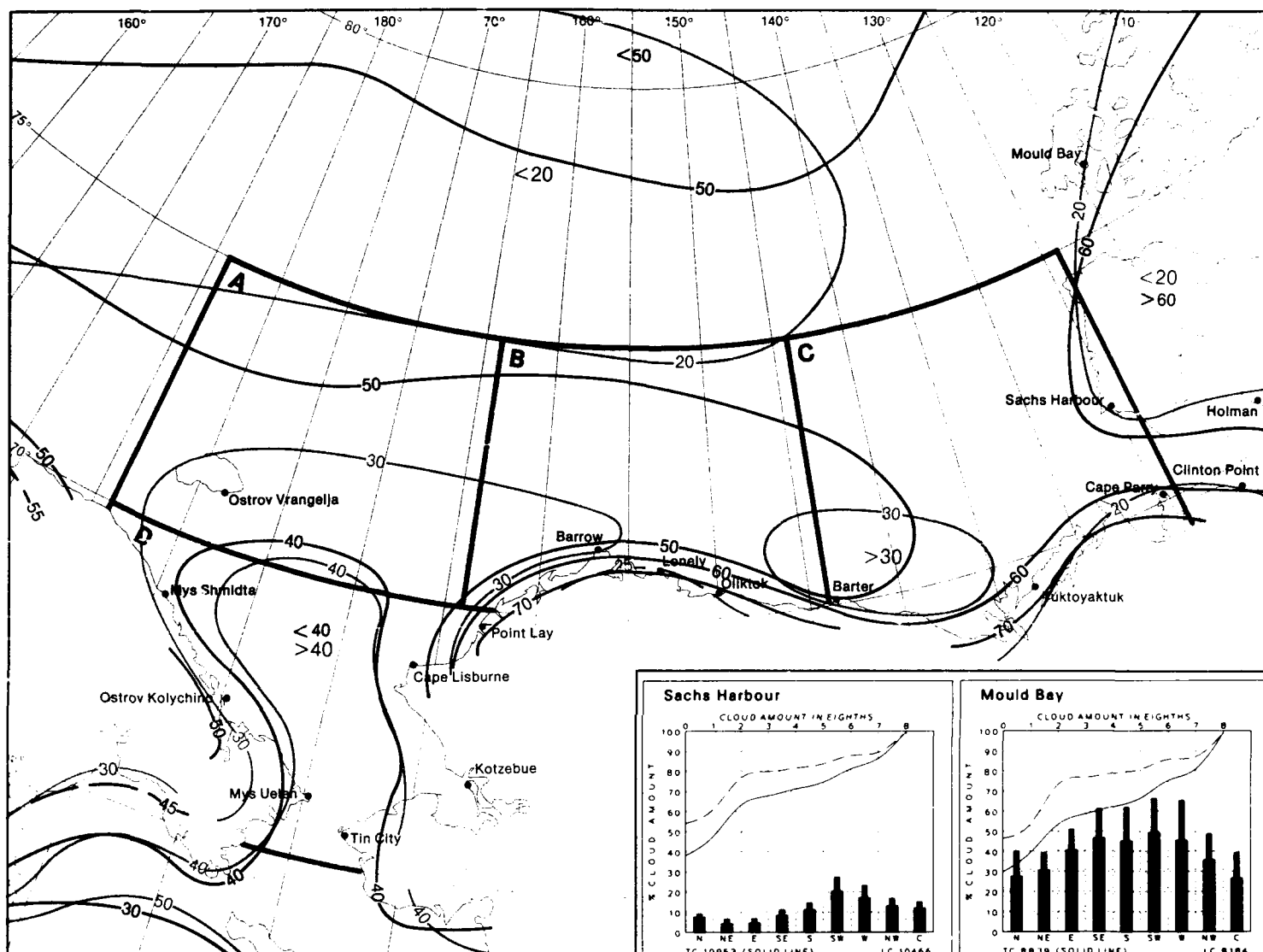
6 Clouds $\leq 2/8$ and $\geq 5/8$

February



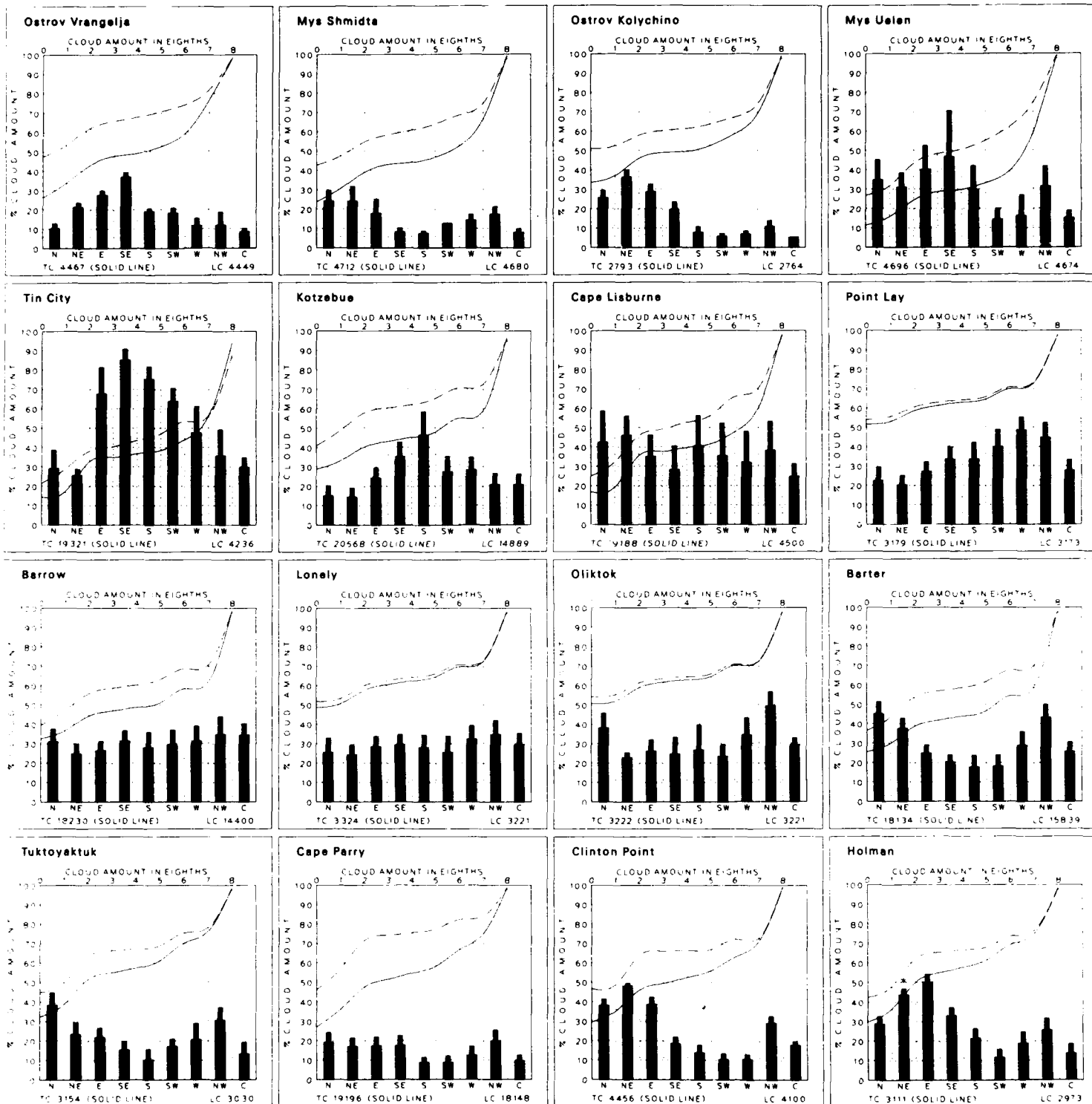
March

6 Cloud Cover and Wind Direction



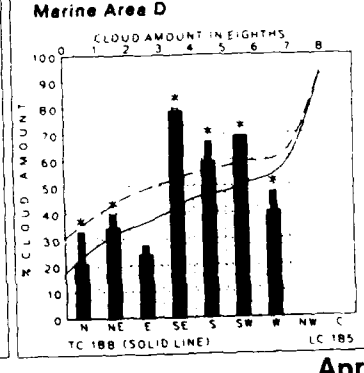
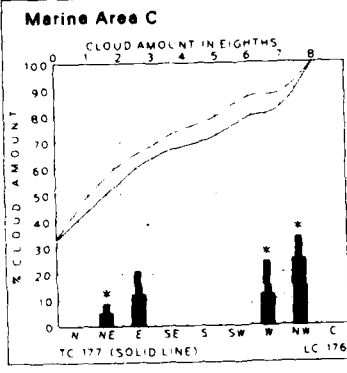
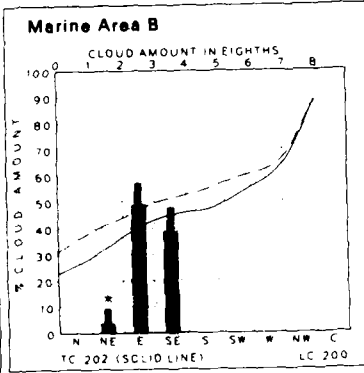
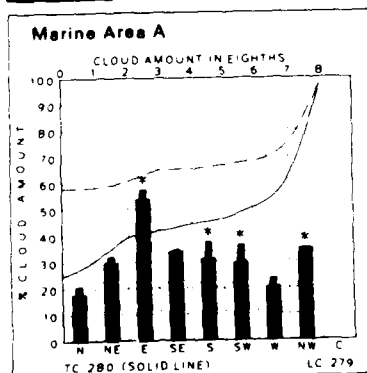
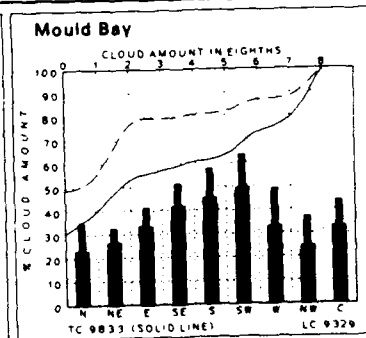
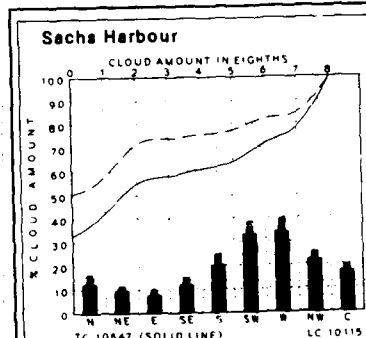
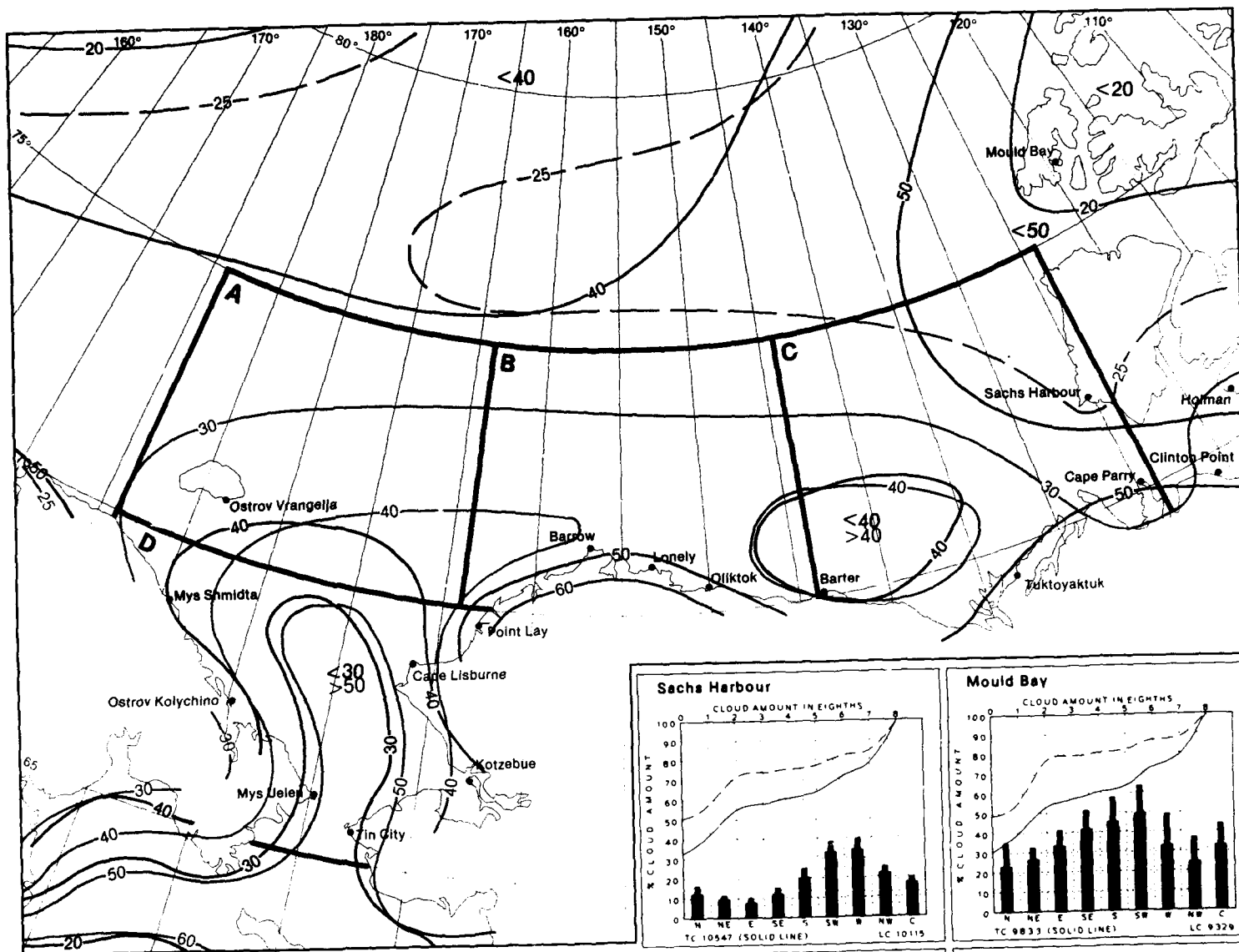
6 Clouds $\leq 2/8$ and $\geq 5/8$

March



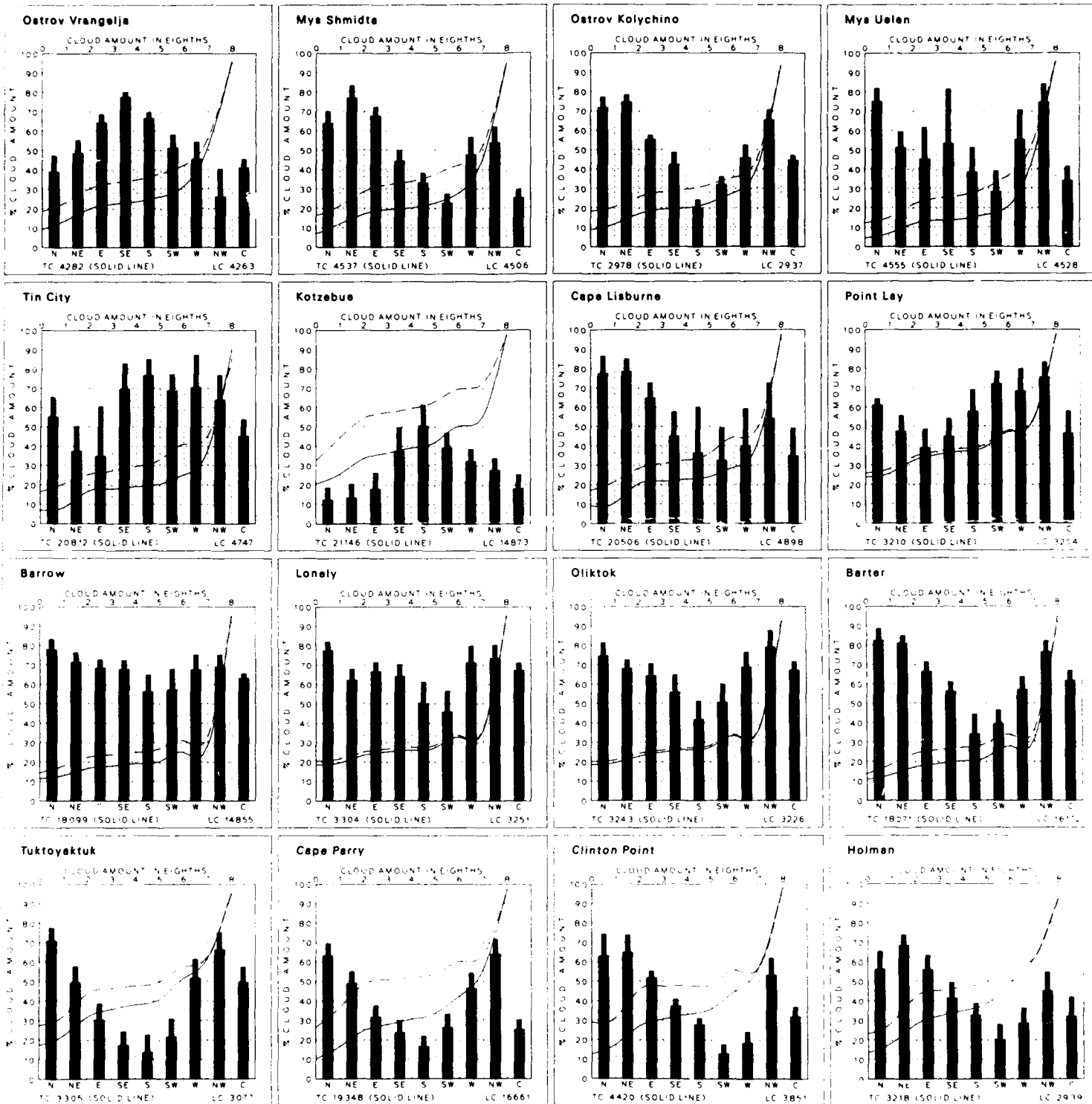
April

6 Cloud Cover and Wind Direction



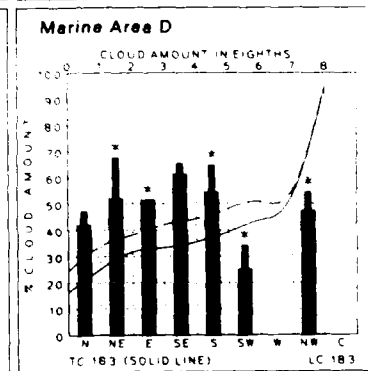
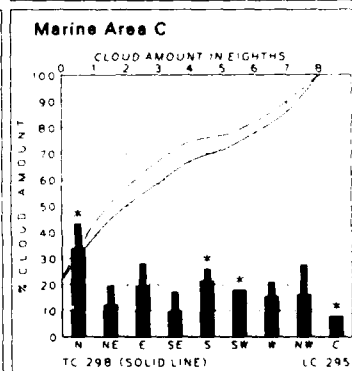
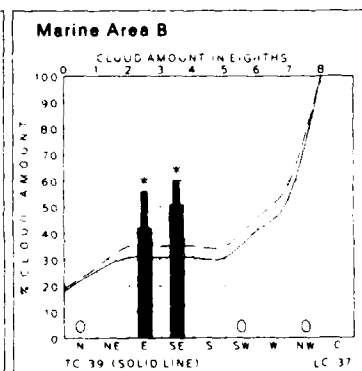
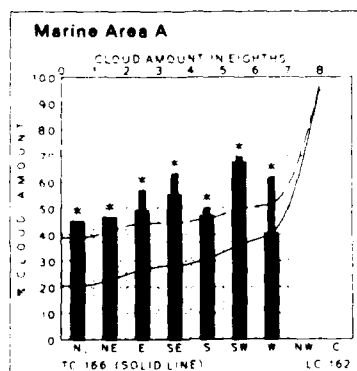
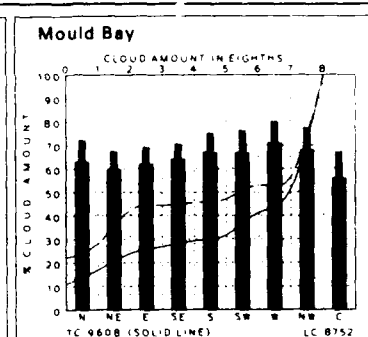
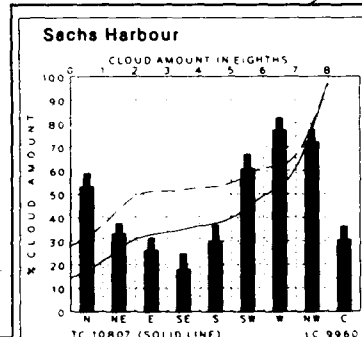
6 Clouds $\leq 2/8$ and $\geq 5/8$

April

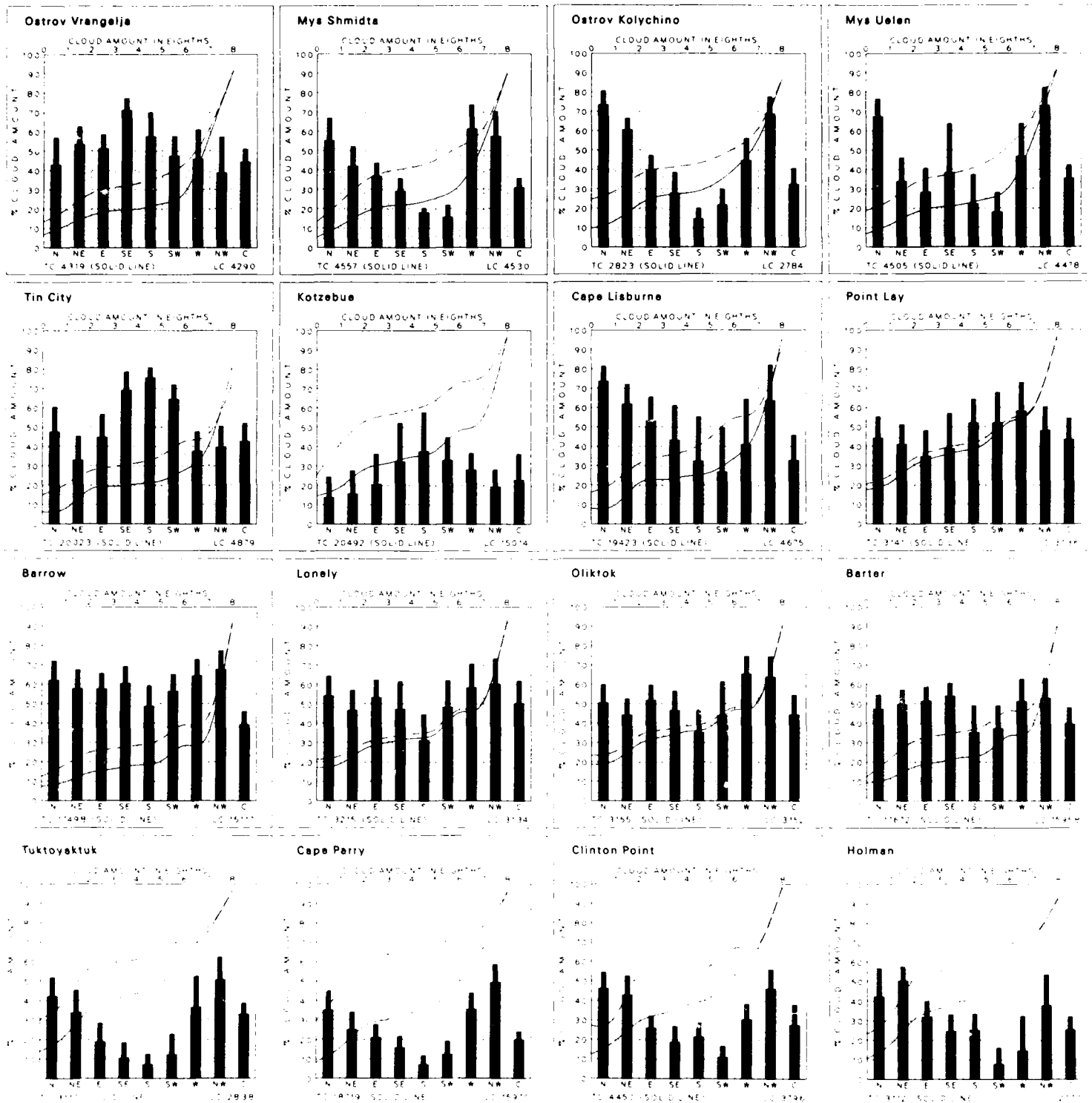


May

6 Cloud Cover and Wind Direction

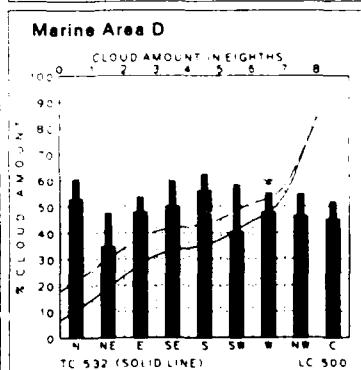
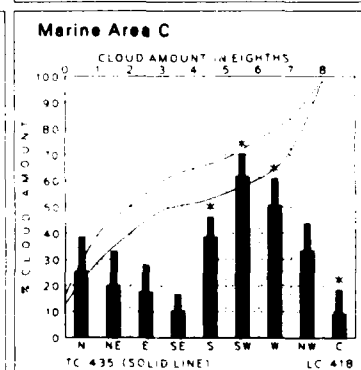
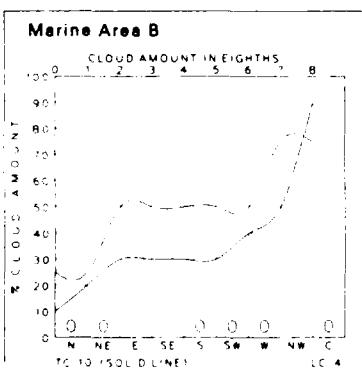
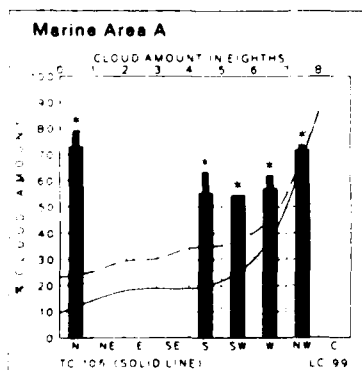
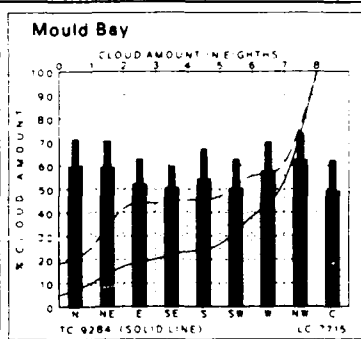
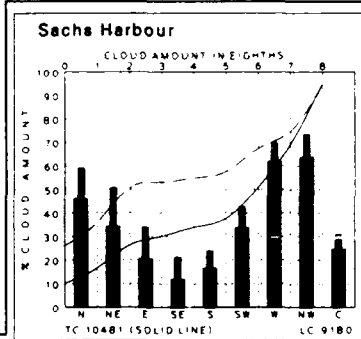
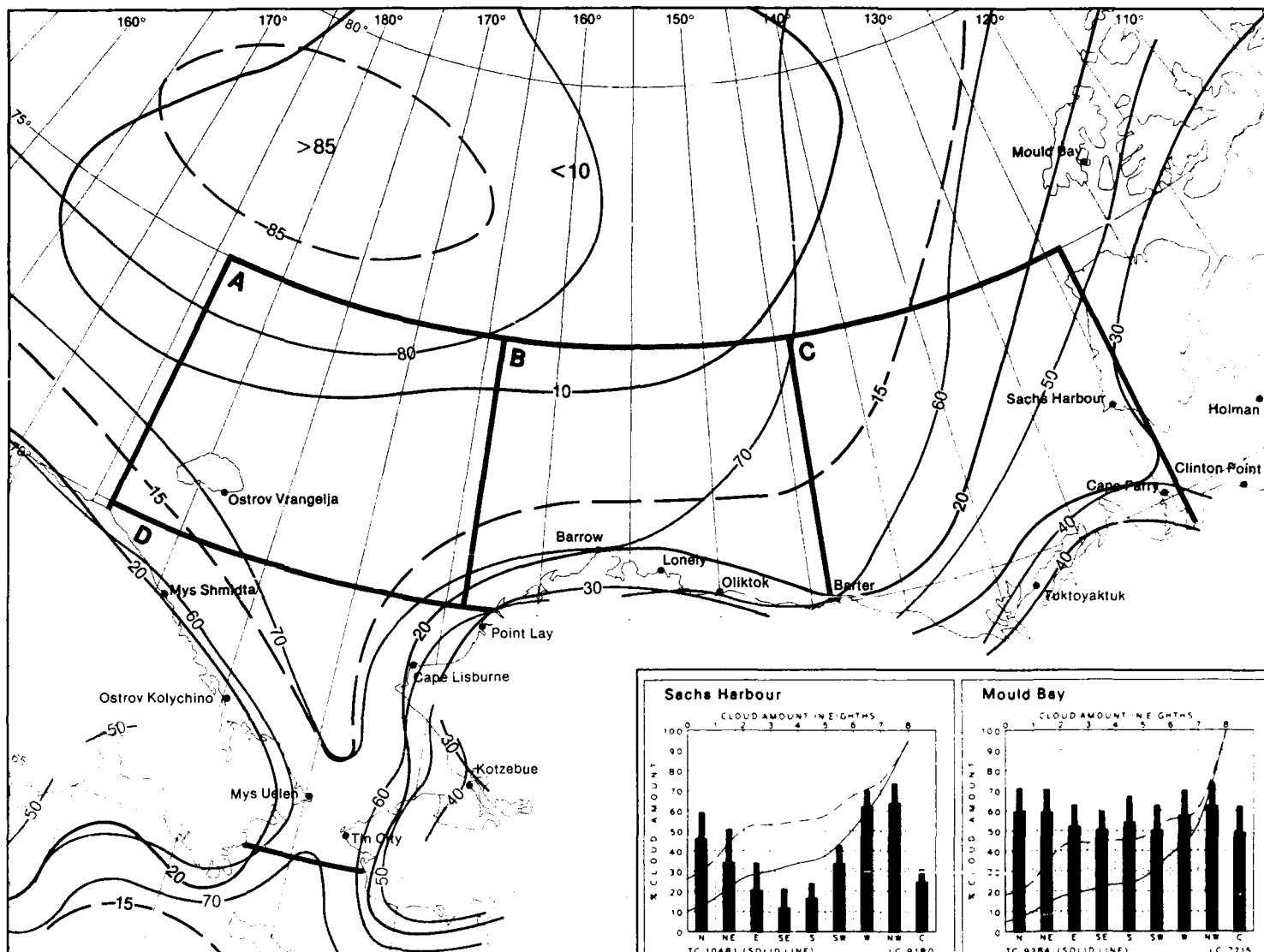


May



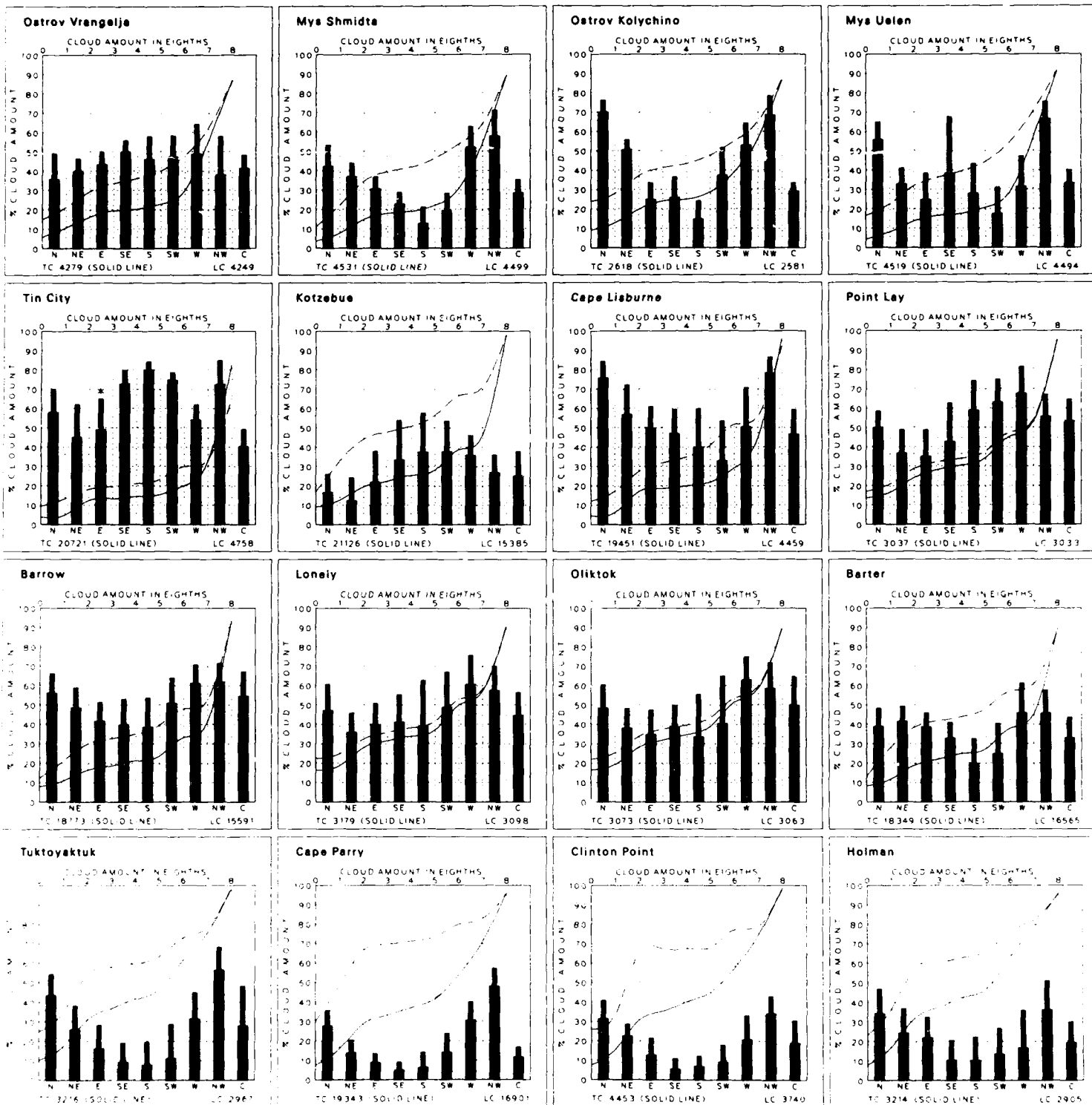
June

6 Cloud Cover and Wind Direction



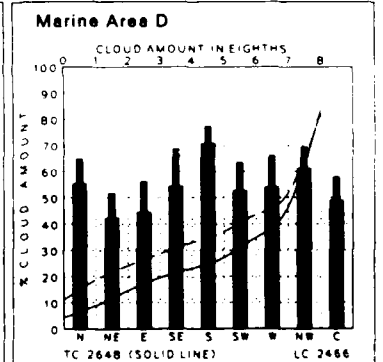
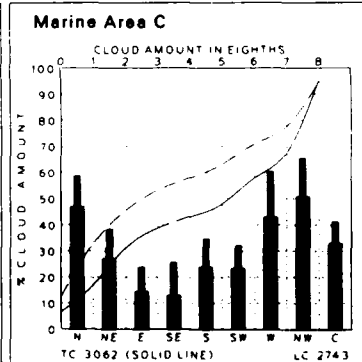
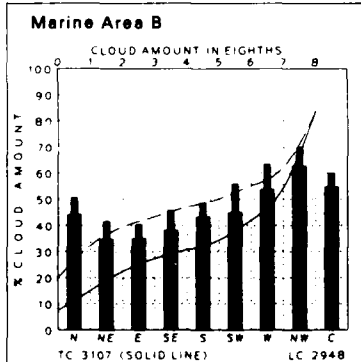
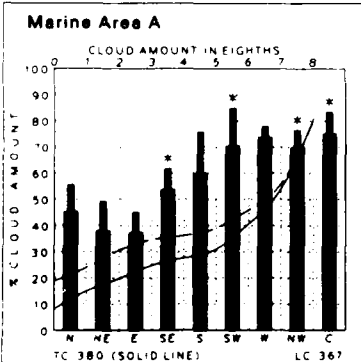
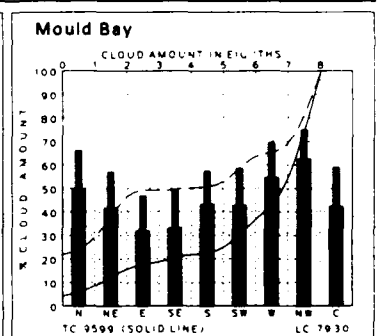
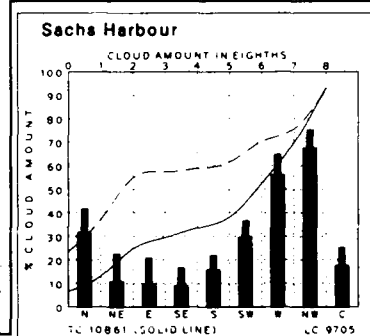
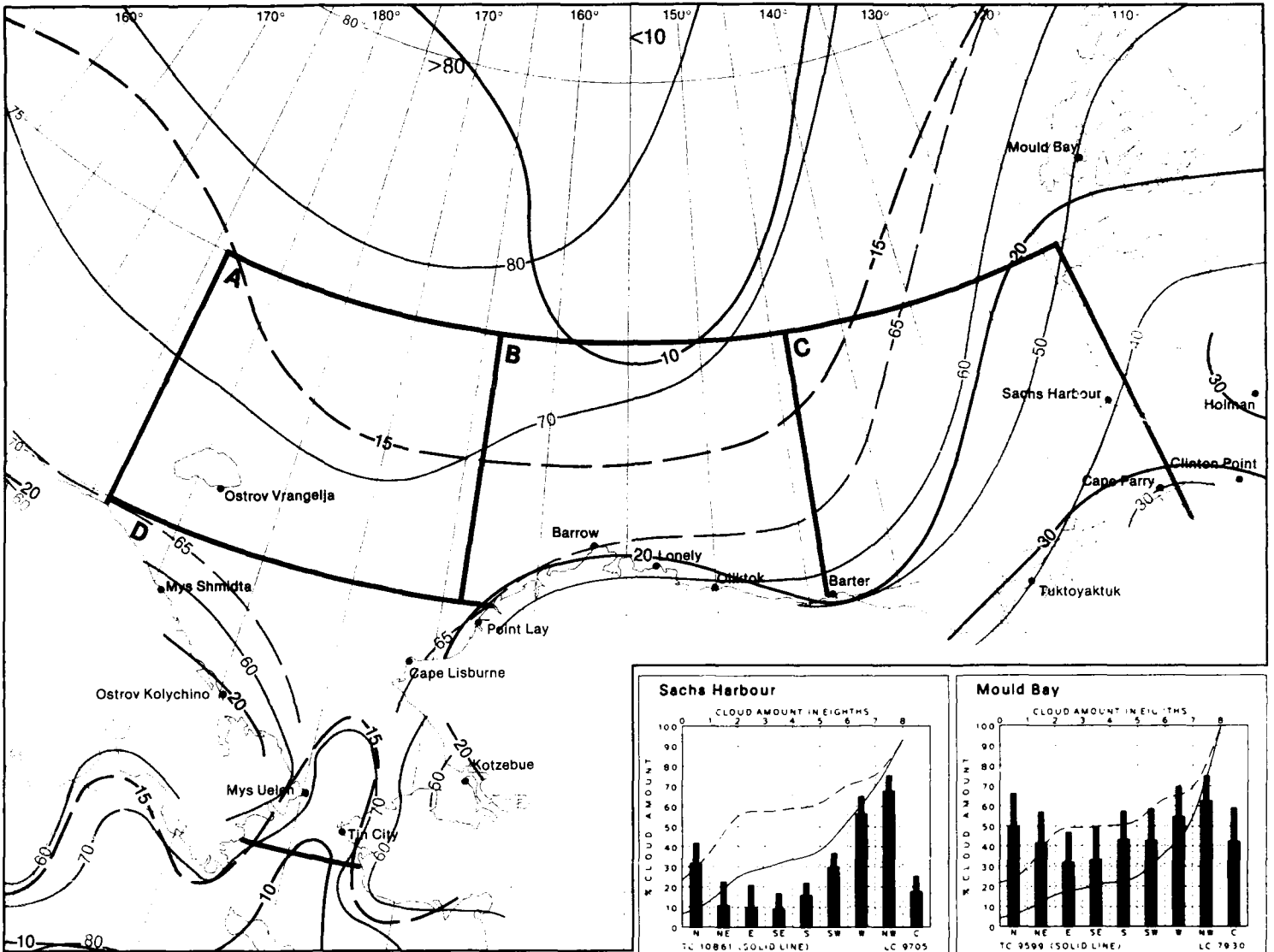
6 Clouds $\geq 2/8$ and $\geq 5/8$

June



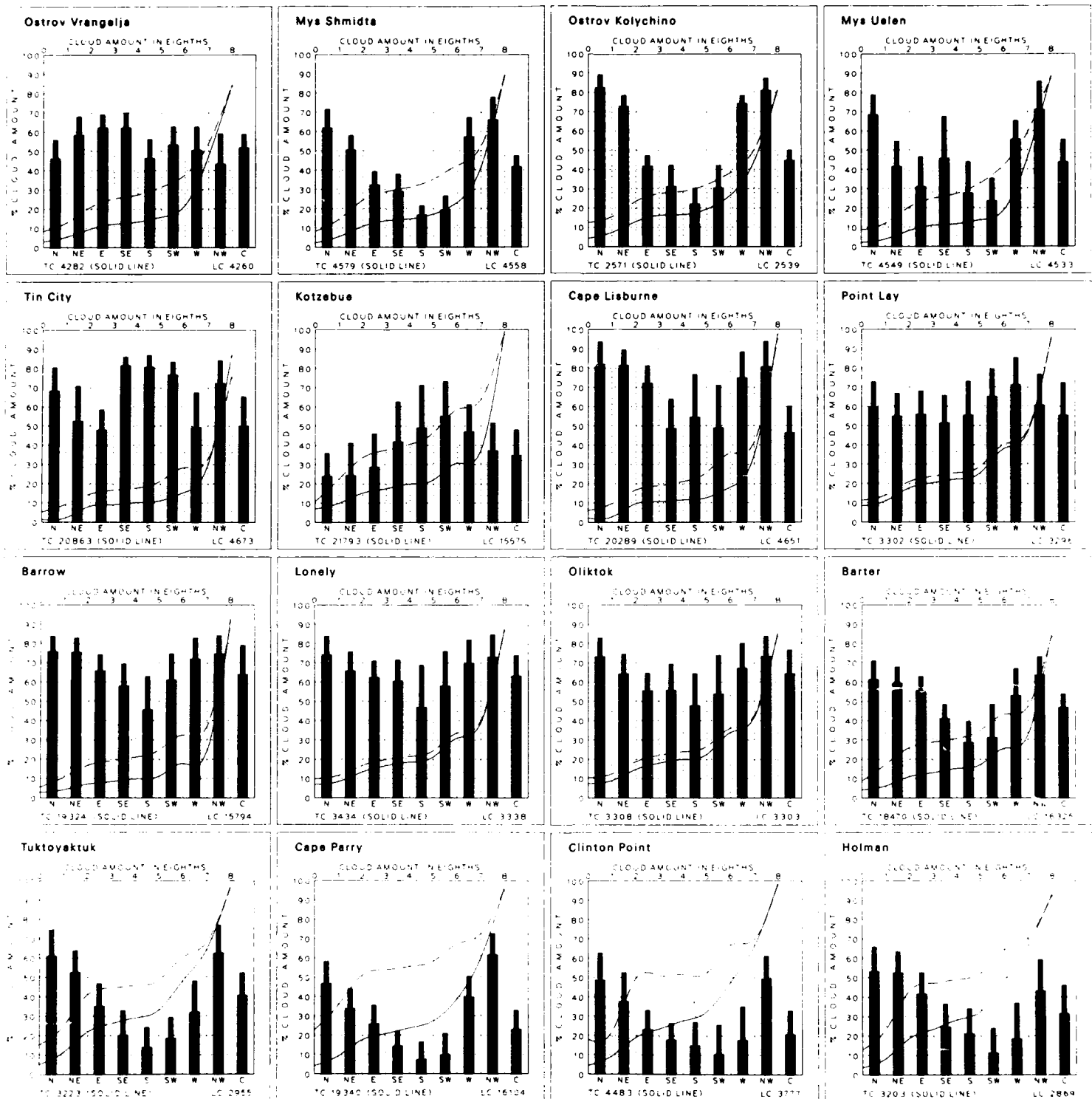
July

6 Cloud Cover and Wind Direction



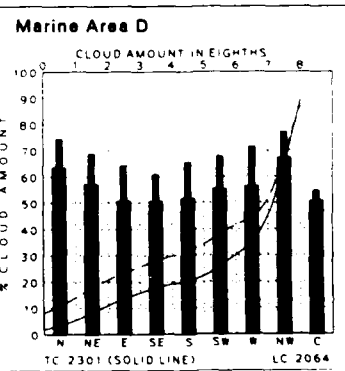
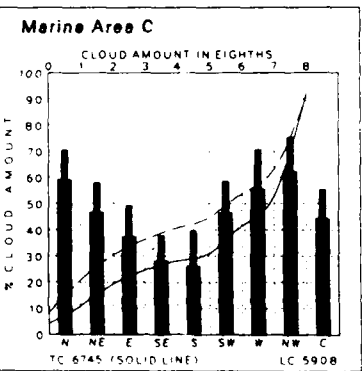
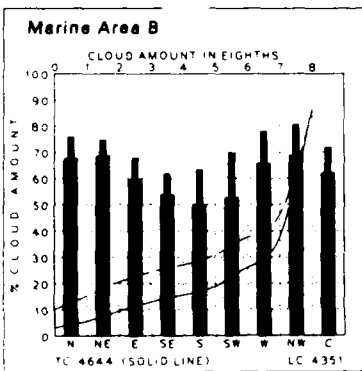
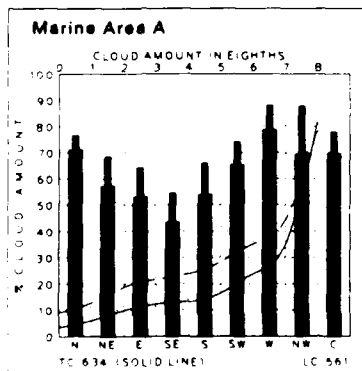
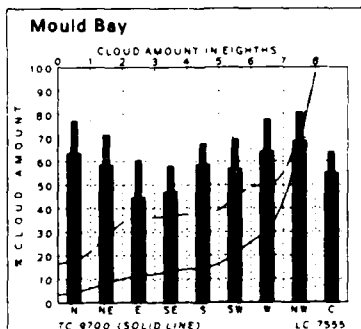
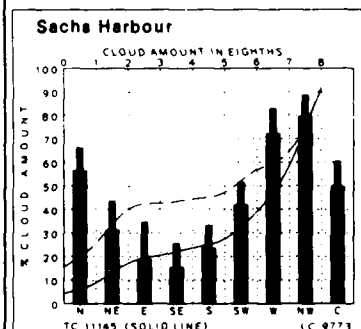
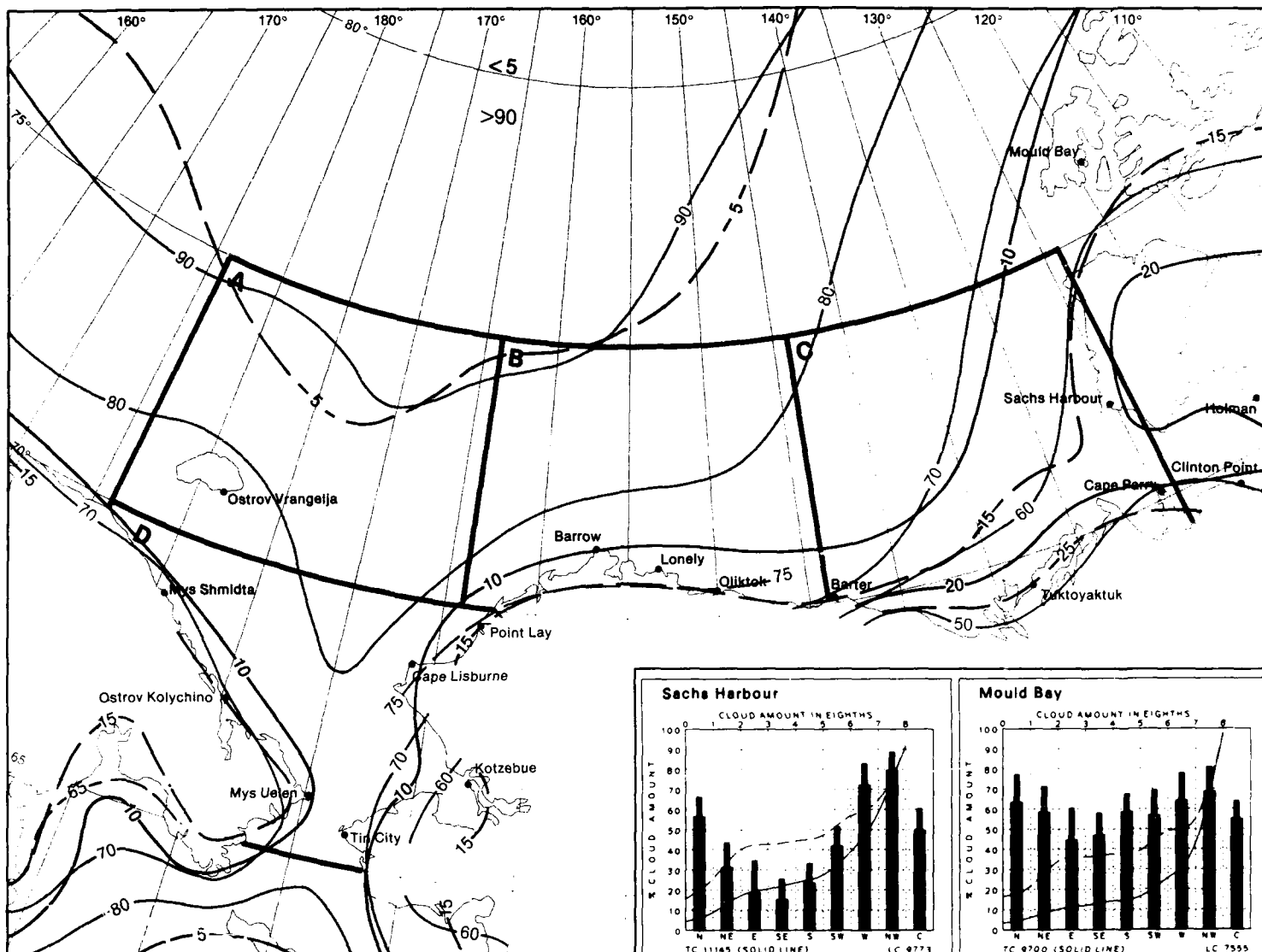
6 Clouds $\geq 2/8$ and $\geq 5/8$

July



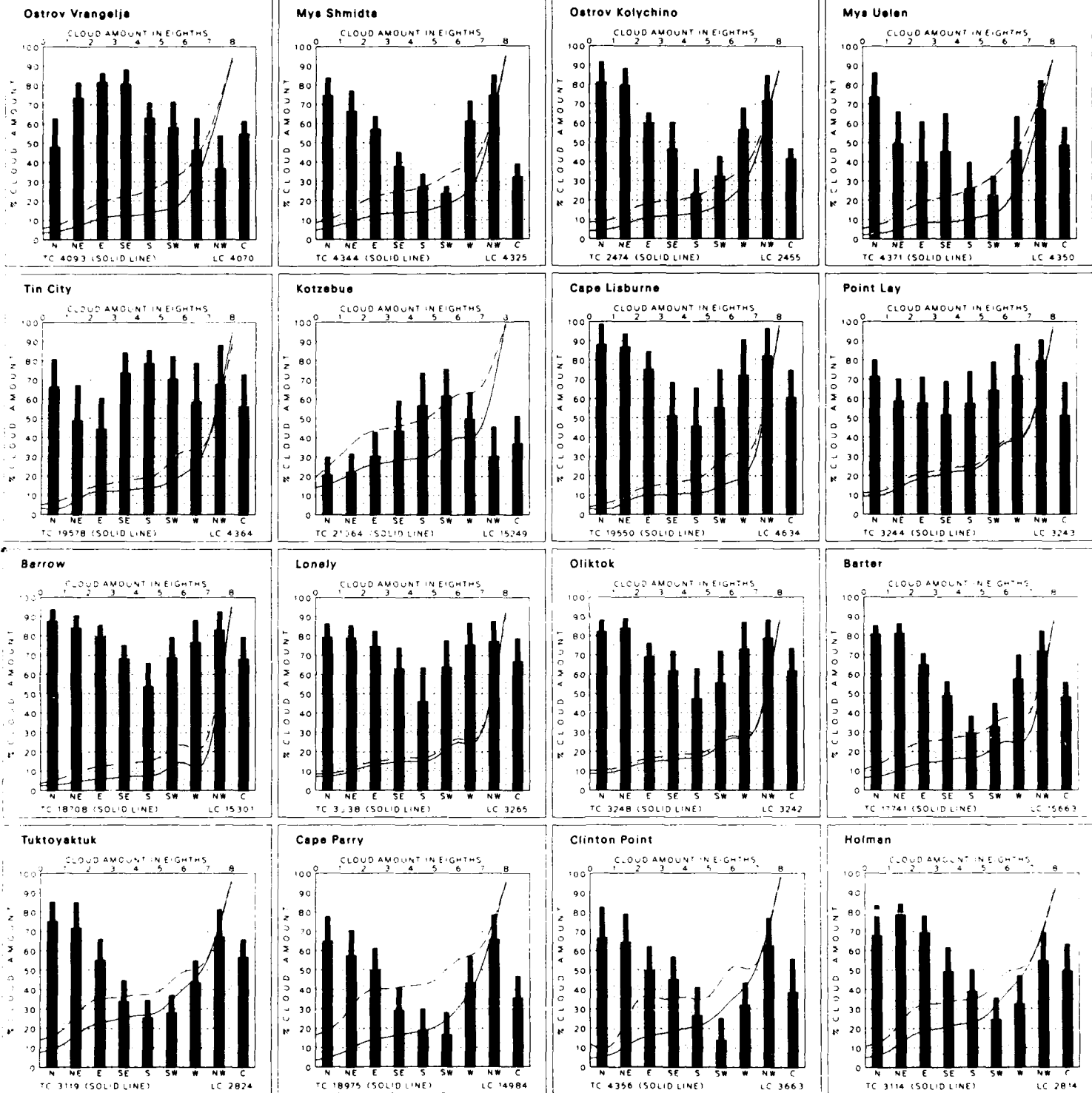
August

6 Cloud Cover and Wind Direction



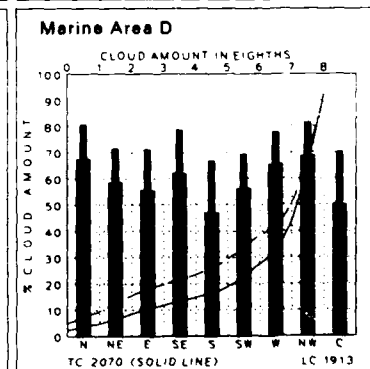
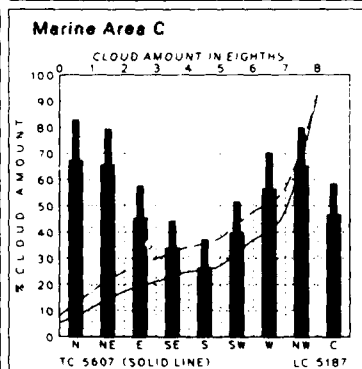
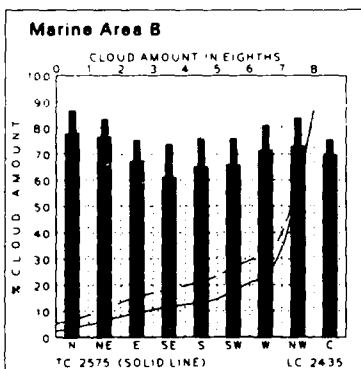
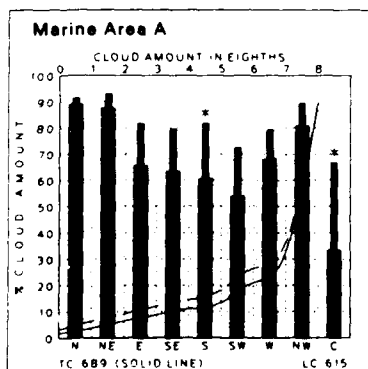
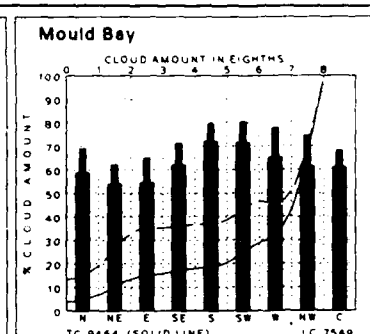
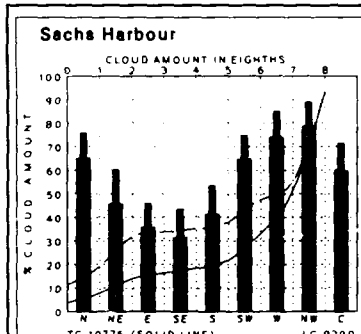
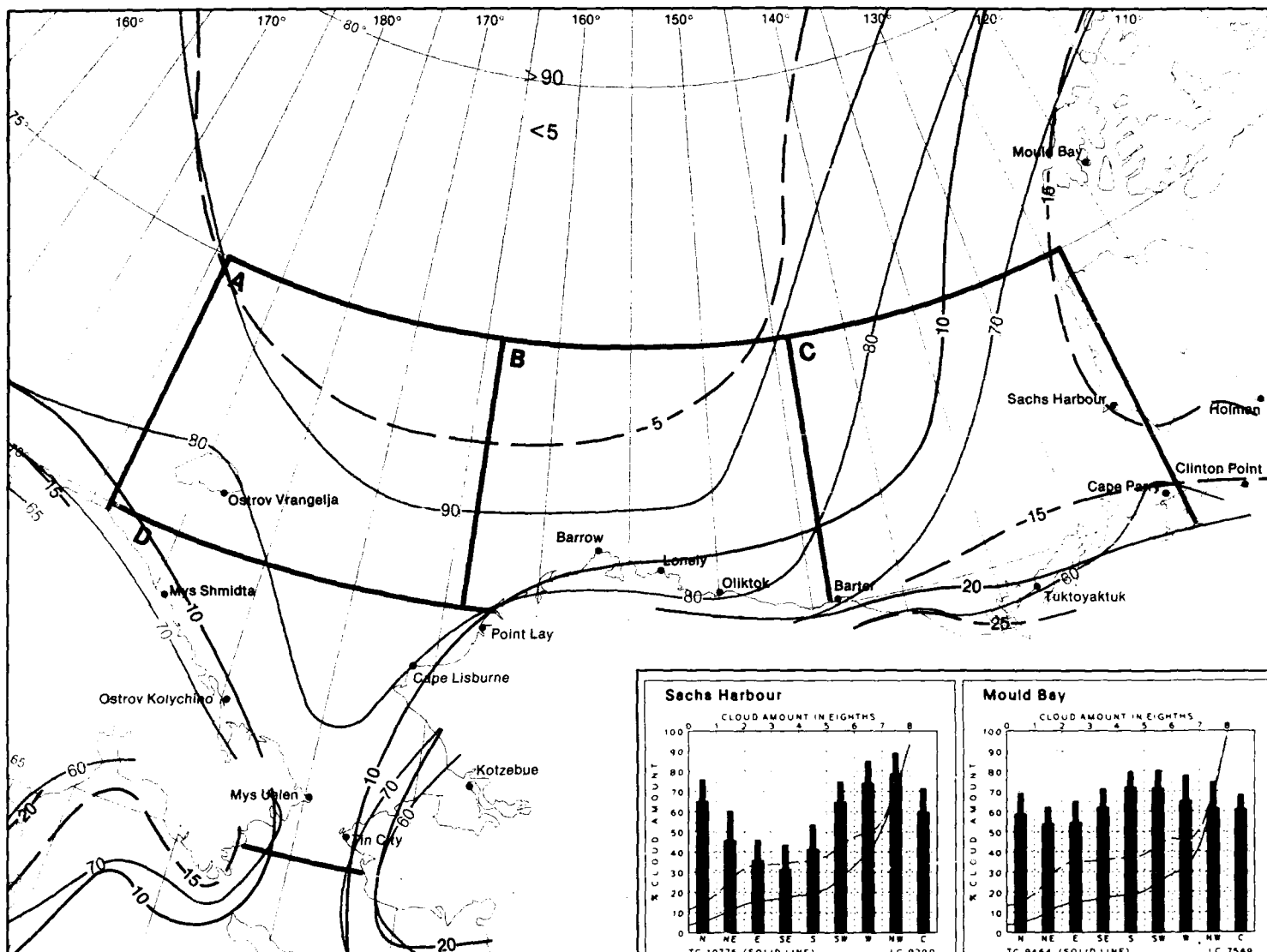
6 Clouds $\frac{1}{8}$ and $\frac{5}{8}$

August



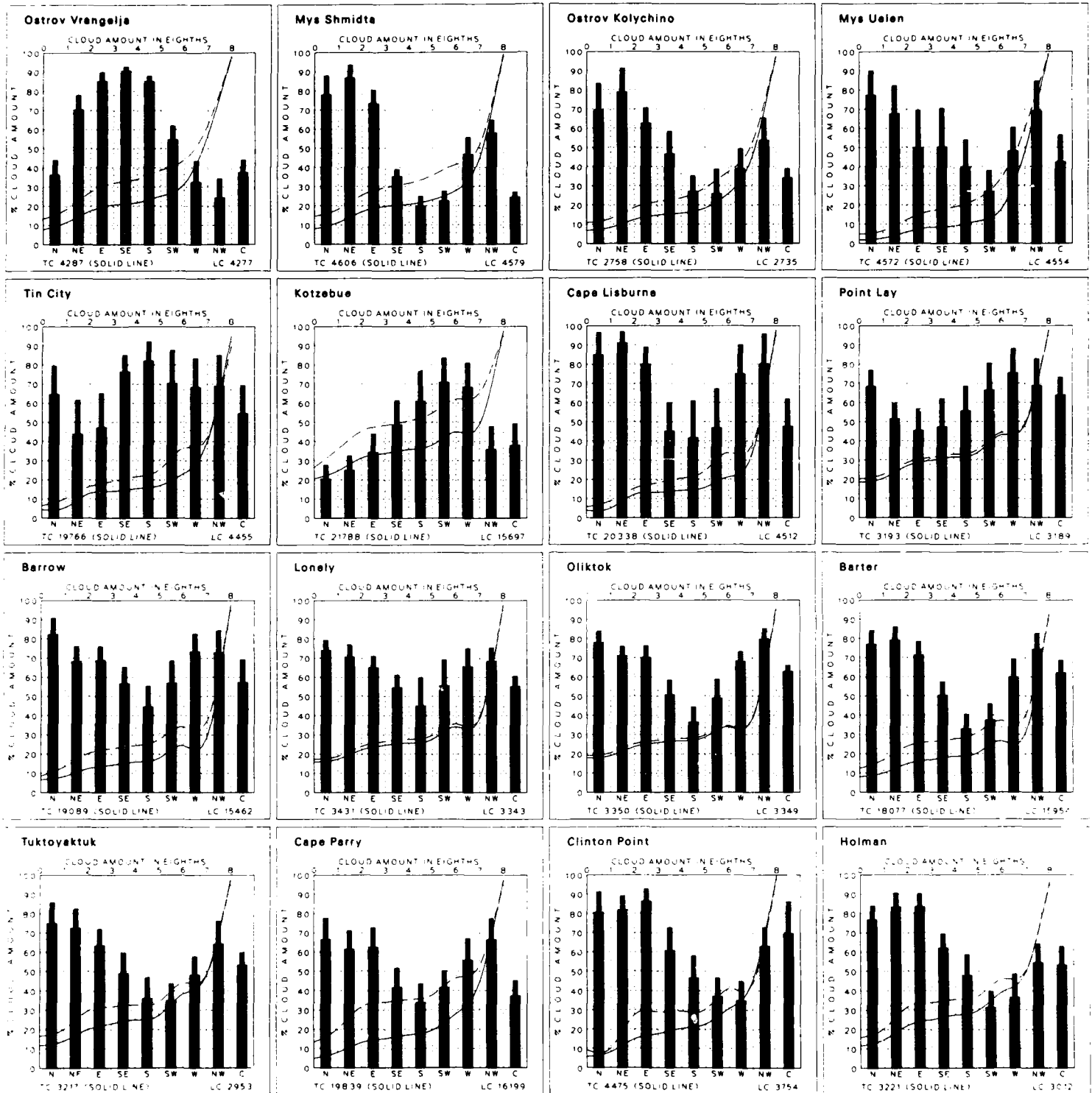
September

6 Cloud Cover and Wind Direction



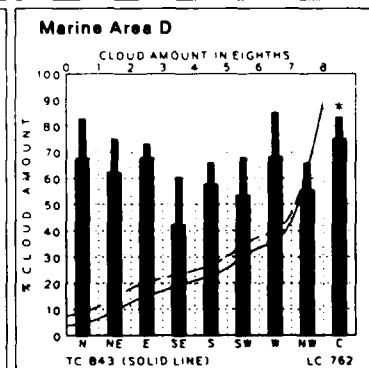
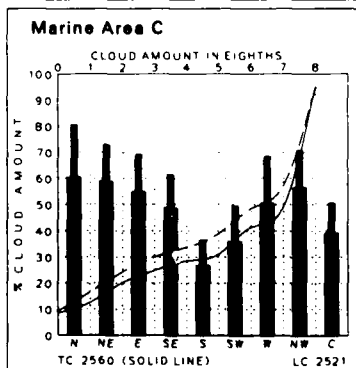
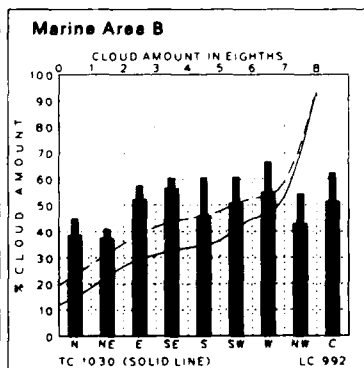
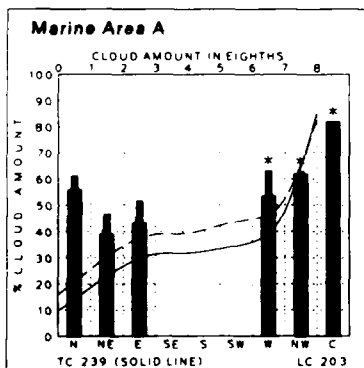
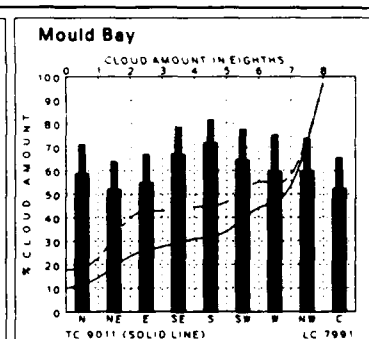
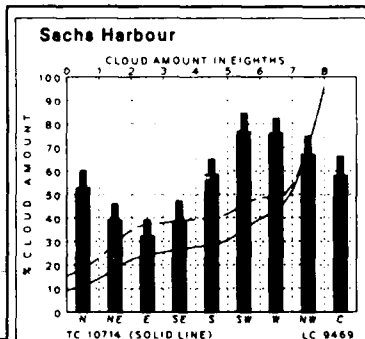
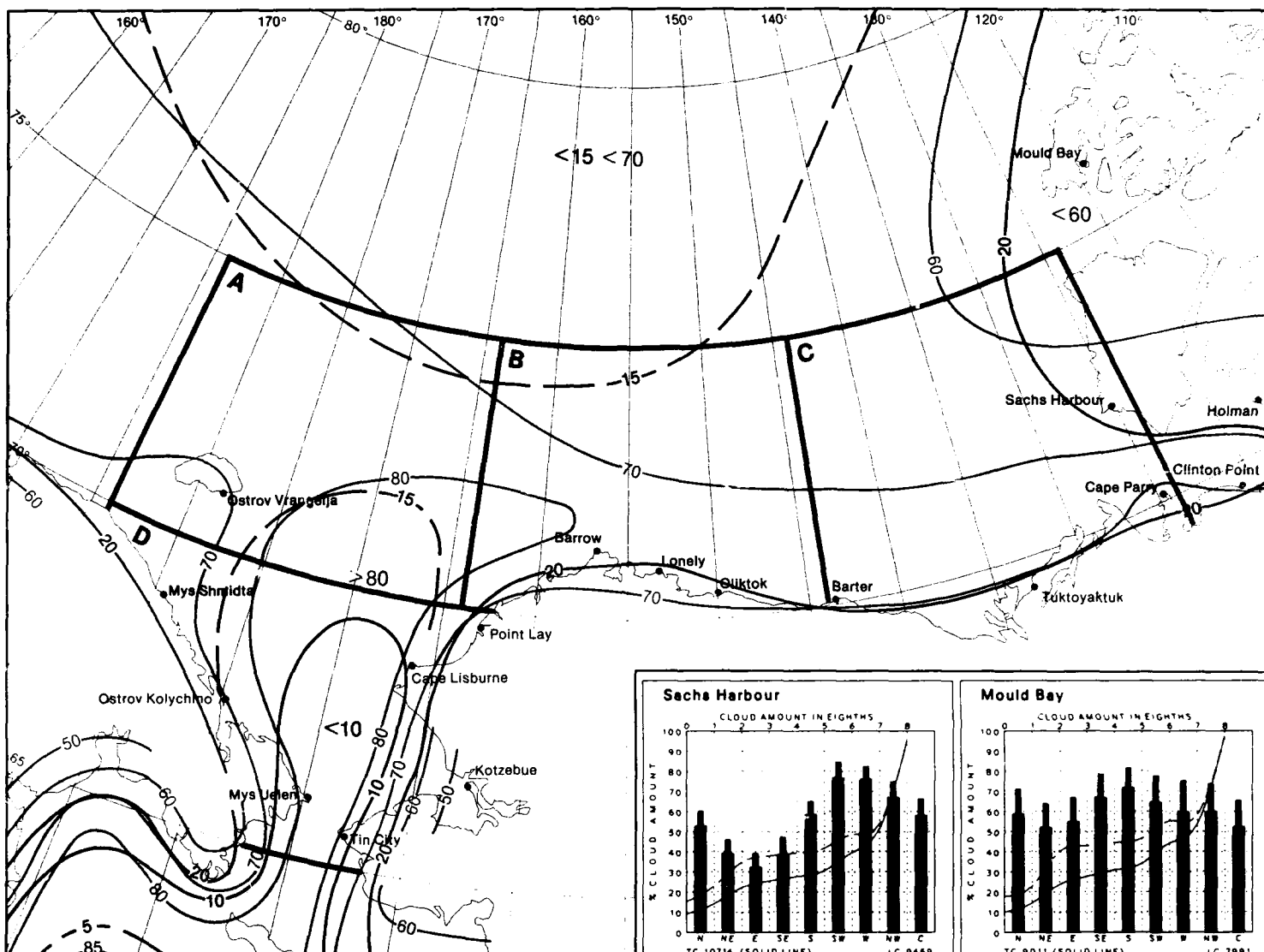
6 Clouds $\leq 2/8$ and $\geq 5/8$

September



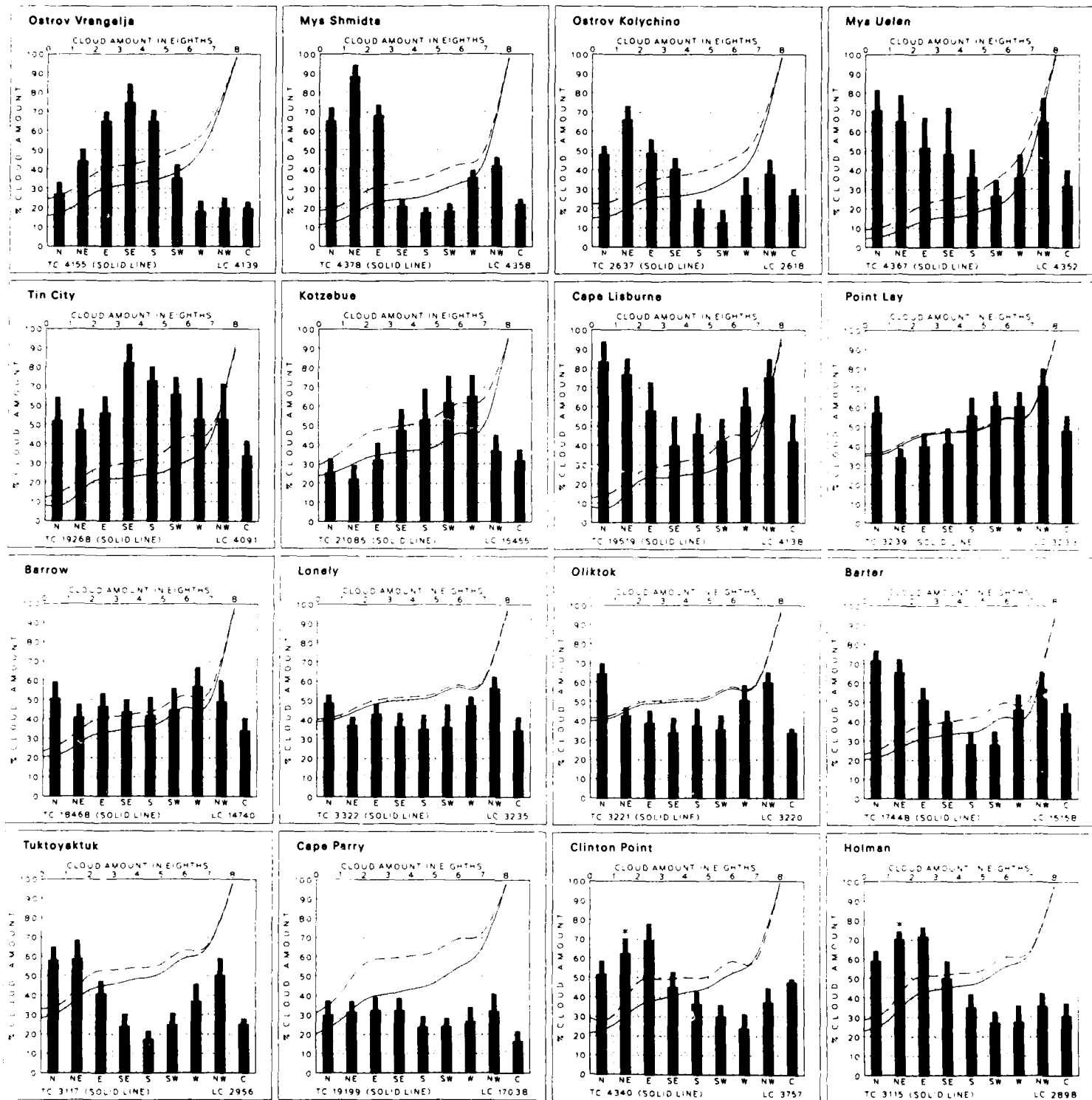
October

6 Cloud Cover and Wind Direction



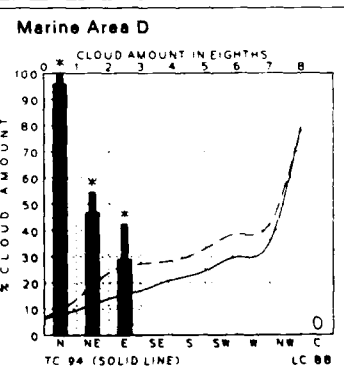
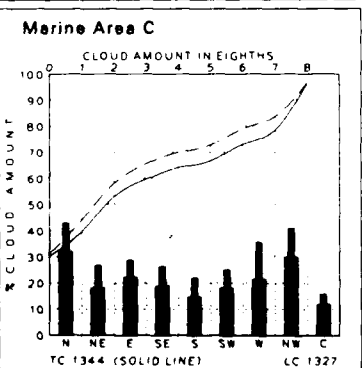
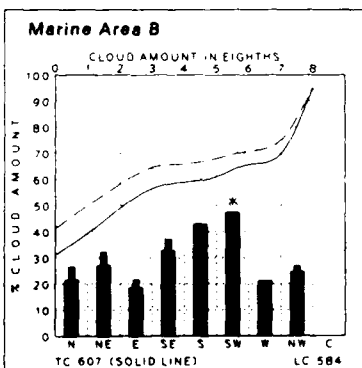
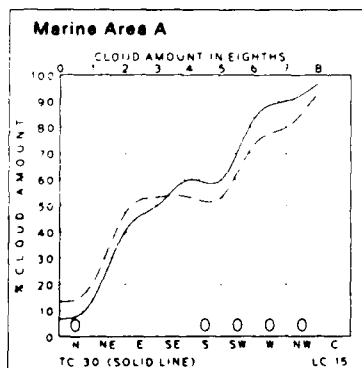
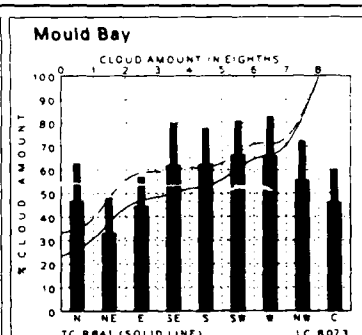
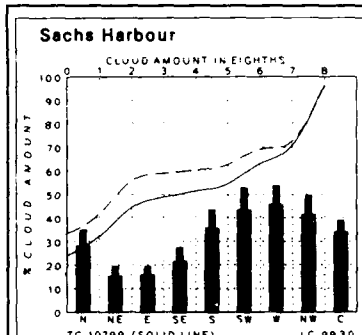
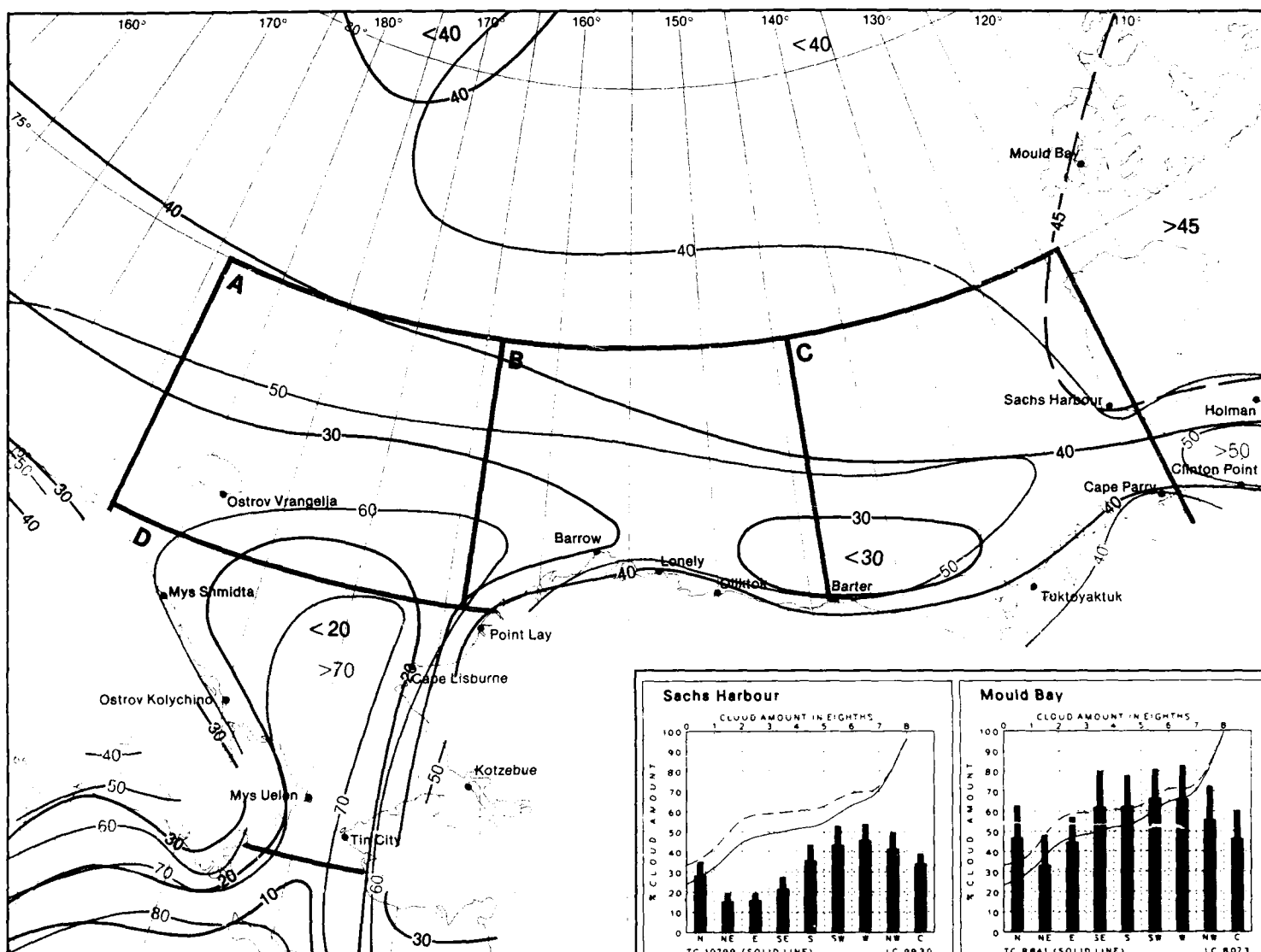
6 Clouds $\leq 2/8$ and $\geq 5/8$

October



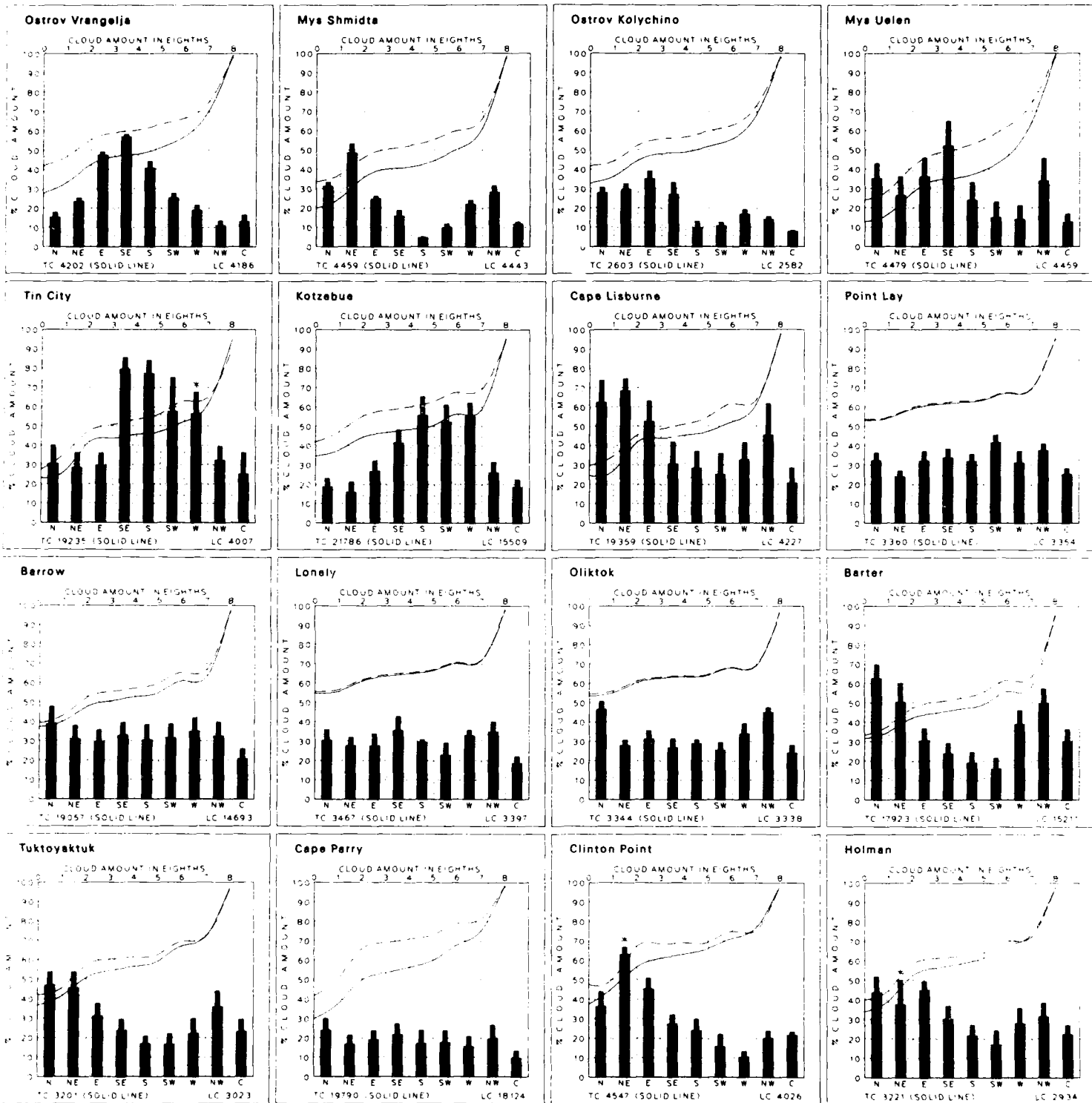
November

6 Cloud Cover and Wind Direction



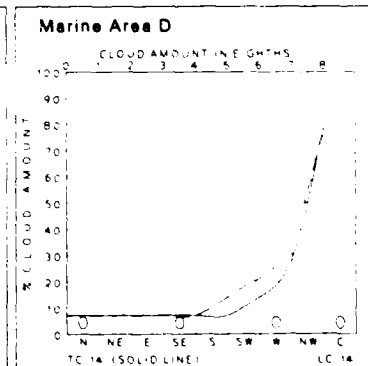
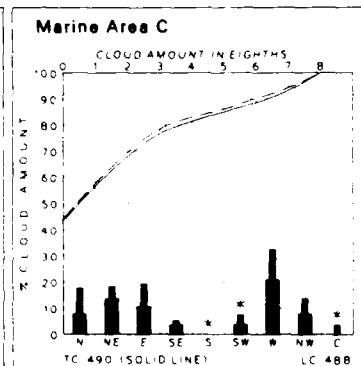
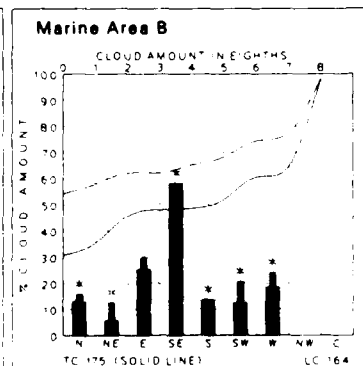
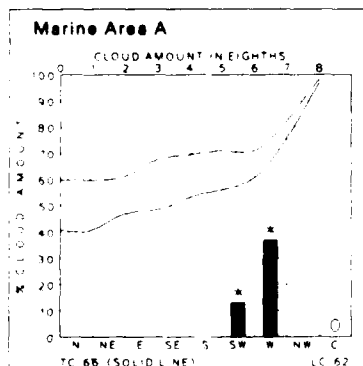
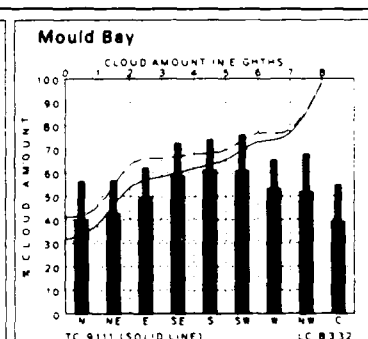
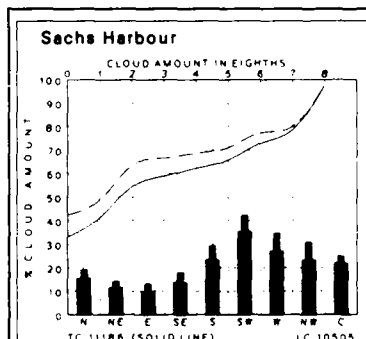
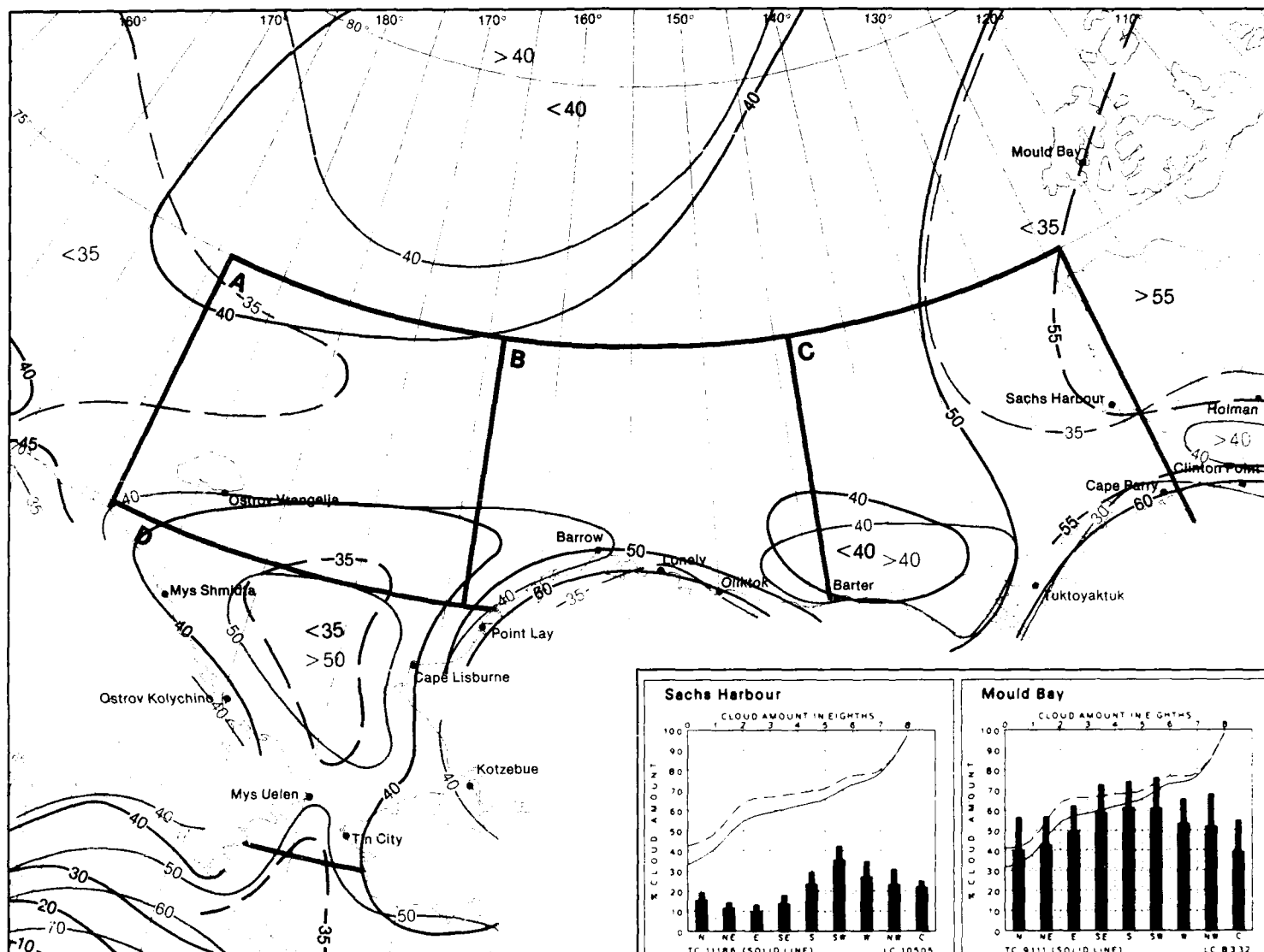
6 Clouds $\geq 2/8$ and $\geq 5/8$

November



December

6 Cloud Cover and Wind Direction



6 Clouds $\leq 2/8$ and $\geq 5/8$

December

Map 7. Air temperature extremes (°C)

BLACK LINE – Maximum (99%) air temperature (1% of temperatures were greater than the given value).

BLUE LINE – Minimum (1%) air temperature (1% of temperatures were equal to or less than the given value).

Albers Equal-Area Conic Projection

Graphs: Air temperature/wind speed

1694

| TEMP (°C) | Wind Speed (knots) | | | | |
|--------------|--------------------|------|-------|-------|-----|
| | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 |
| 8,9 | + | + | + | + | + |
| 6,7 | + | 1 | 2 | 2 | 1 |
| 4,5 | 1 | 7 | 13 | 9 | 1 |
| 2,3 | 2 | 5 | 11 | 6 | 1 |
| 0,1 | 1 | 3 | 5 | 4 | + |
| -2,-1 | 1 | 2 | 4 | 3 | 1 |
| -4,-3 | + | 1 | 4 | 3 | + |
| -6,-5 | + | 1 | 1 | 1 | 1 |
| -8,-7 | 0 | + | + | + | + |
| -10,-9 | 0 | + | + | + | + |
| -12,-11 | 0 | 0 | 0 | 0 | 0 |

Percent frequency of simultaneous occurrence of specified temperature (°C) and wind speed (knots).

Number of observations.

(2% of all observations reported temperature 6-7°C simultaneously with wind speed of 22-33 knots.)

+ Indicates <.5% but >0.

Air temperature is one of the elements most frequently observed by mariners. On many ships, the heating effect of the ship's structure has a tendency to produce higher than actual ambient air temperature readings because of instrument exposure. This is especially true under calm, sunny conditions. Despite the inaccuracies, the large-scale patterns and mean gradients of the isopleth analyses are relatively accurate.

The temperature scale of the graphs varies in both range and class interval. The graph can be used to determine the extent of human discomfort from the combined effects of extreme heat or cold and winds, or to estimate the likelihood of superstructure icing. Refer to Section I of this atlas for detailed information on superstructure icing and wind chill.

Ostrov Vrangeliya

| 4164 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-14 | 2 | 5 | 5 | 1 | + | | |
| -16,-15 | 1 | 1 | 2 | 1 | + | | |
| -18,-17 | 1 | 2 | 2 | 2 | 1 | | |
| -20,-19 | 1 | 2 | 2 | 1 | 1 | | |
| -22,-21 | 2 | 3 | 4 | 2 | 1 | | |
| -24,-23 | 2 | 3 | 3 | 2 | 1 | | |
| -26,-25 | 3 | 3 | 3 | 2 | + | | |
| -28,-27 | 5 | 3 | 3 | 1 | + | | |
| -30,-29 | 4 | 2 | 1 | + | + | | |
| -32,-31 | 3 | 2 | 1 | + | + | | |
| ±-33 | 7 | 2 | + | + | 0 | | |

Mys Shmidt

| 4703 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-16 | 3 | 6 | 5 | 2 | + | | |
| -18,-17 | 2 | 2 | 2 | 1 | + | | |
| -20,-19 | 1 | 2 | 2 | + | + | | |
| -22,-21 | 1 | 2 | 4 | 1 | + | | |
| -24,-23 | 1 | 3 | 4 | 1 | + | | |
| -26,-25 | 2 | 3 | 4 | 1 | + | | |
| -28,-27 | 3 | 4 | 5 | 2 | 1 | | |
| -30,-29 | 1 | 2 | 2 | 1 | + | | |
| -32,-31 | 2 | 2 | 3 | 1 | + | | |
| -34,-33 | 2 | 2 | 2 | 1 | + | | |
| ±-35 | 6 | 3 | 1 | + | 0 | | |

Ostrov Kolyuchino

| 2885 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-12 | 1 | 5 | 7 | 4 | + | | |
| -14,-13 | + | 1 | 2 | + | 0 | | |
| -16,-15 | + | 2 | 2 | + | 0 | | |
| -18,-17 | 1 | 3 | 2 | 1 | + | | |
| -20,-19 | + | 3 | 3 | 1 | 0 | | |
| -22,-21 | + | 4 | + | + | + | | |
| -24,-23 | 1 | 3 | 3 | 1 | + | | |
| -26,-25 | 1 | 4 | 4 | 1 | + | | |
| -28,-27 | 1 | 4 | 4 | 1 | + | | |
| -30,-29 | 1 | 3 | 3 | 1 | + | | |
| ±-31 | 5 | 9 | 4 | + | + | | |

Mys Uelen

| 4675 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-8 | 1 | 5 | 6 | 5 | 4 | | |
| -10,-9 | + | 1 | 1 | + | + | | |
| -12,-11 | 1 | 2 | 2 | 1 | + | | |
| -14,-13 | 1 | 2 | 2 | 1 | + | | |
| -16,-15 | 1 | 3 | 2 | + | + | | |
| -18,-17 | 1 | 3 | 3 | 1 | + | | |
| -20,-19 | 1 | 3 | 2 | + | + | | |
| -22,-21 | 1 | 3 | 3 | + | + | | |
| -24,-23 | 1 | 3 | 3 | 1 | + | | |
| -26,-25 | 2 | 2 | 2 | 1 | + | | |
| ±-27 | 6 | 7 | 8 | 2 | + | | |

Tin City

| 19113 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-8 | 3 | 6 | 10 | 4 | + | | |
| -10,-9 | 1 | 2 | 3 | 1 | + | | |
| -12,-11 | 1 | 1 | 2 | 1 | + | | |
| -14,-13 | 1 | 1 | 3 | 2 | + | | |
| -16,-15 | + | 1 | 2 | 2 | + | | |
| -18,-17 | + | 1 | 2 | 2 | + | | |
| -20,-19 | + | 1 | 3 | 3 | + | | |
| -22,-21 | 1 | 1 | 3 | 3 | + | | |
| -24,-23 | 1 | 1 | 4 | 4 | + | | |
| -26,-25 | + | 1 | 3 | 2 | 1 | | |
| ±-27 | + | 1 | 7 | 6 | 1 | | |

Kotzebue

| 22043 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-10 | + | 4 | 10 | 7 | 1 | | |
| -12,-11 | + | 2 | 2 | 1 | + | | |
| -14,-13 | + | 2 | 3 | 2 | + | | |
| -16,-15 | + | 2 | 2 | 1 | + | | |
| -18,-17 | 1 | 3 | 2 | 1 | + | | |
| -20,-19 | 1 | 3 | 2 | 1 | + | | |
| -22,-21 | 1 | 3 | 2 | 1 | + | | |
| -24,-23 | 1 | 3 | 2 | 1 | + | | |
| -26,-25 | 1 | 2 | 1 | + | + | | |
| -28,-27 | 1 | 3 | 2 | + | + | | |
| ±-29 | 6 | 11 | 4 | 1 | + | | |

Cape Lisburne

| 18369 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-8 | 2 | 4 | 6 | 6 | 1 | | |
| -10,-9 | 1 | 2 | 1 | 1 | + | | |
| -12,-11 | 1 | 2 | 1 | + | + | | |
| -14,-13 | 1 | 2 | 1 | + | + | | |
| -16,-15 | 1 | 2 | 1 | + | + | | |
| -18,-17 | 1 | 3 | 2 | + | + | | |
| -20,-19 | 1 | 4 | 3 | 1 | + | | |
| -22,-21 | 1 | 4 | 2 | + | + | | |
| -24,-23 | 1 | 4 | 3 | 1 | + | | |
| -26,-25 | 1 | 3 | 2 | + | + | | |
| ±-27 | 5 | 11 | 7 | 1 | + | | |

Point Lay

| 3299 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-16 | 3 | 10 | 7 | 2 | + | | |
| -18,-17 | 1 | 2 | 1 | 1 | + | | |
| -20,-19 | 1 | 2 | 2 | 1 | + | | |
| -22,-21 | 1 | 2 | 2 | 1 | + | | |
| -24,-23 | 1 | 2 | 2 | 1 | + | | |
| -26,-25 | 1 | 2 | 2 | 1 | + | | |
| -28,-27 | 1 | 3 | 3 | 1 | + | | |
| -30,-29 | 2 | 3 | 3 | 1 | + | | |
| -32,-31 | 1 | 2 | 2 | 1 | + | | |
| -34,-33 | 1 | 3 | 2 | 1 | + | | |
| ±-35 | 4 | 8 | 5 | 2 | + | | |

Barrow

| 18798 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-16 | + | 5 | 6 | 2 | + | | |
| -18,-17 | + | 2 | 2 | 1 | + | | |
| -20,-19 | + | 2 | 3 | 1 | 0 | | |
| -22,-21 | + | 3 | 3 | 1 | + | | |
| -24,-23 | + | 4 | 5 | + | 0 | | |
| -26,-25 | + | 4 | 3 | + | 0 | | |
| -28,-27 | 1 | 5 | 4 | + | + | | |
| -30,-29 | 1 | 6 | 3 | + | 0 | | |
| -32,-31 | 1 | 5 | 2 | + | 0 | | |
| -34,-33 | 1 | 6 | 1 | + | 0 | | |
| ±-35 | 3 | 12 | 1 | + | 0 | | |

Lonely

| 3404 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-18 | 2 | 7 | 6 | 2 | + | | |
| -20,-19 | 1 | 2 | 2 | 1 | + | | |
| -22,-21 | 1 | 2 | 2 | 1 | + | | |
| -24,-23 | 1 | 4 | 4 | 1 | + | | |
| -26,-25 | 1 | 3 | 3 | 1 | 0 | | |
| -28,-27 | 1 | 4 | 4 | 1 | + | | |
| -30,-29 | 1 | 5 | 3 | + | 0 | | |
| -32,-31 | 1 | 4 | 1 | + | 0 | | |
| -34,-33 | 2 | 5 | 2 | + | 0 | | |
| -36,-35 | 2 | 4 | 1 | 0 | 0 | | |
| ±-37 | 4 | 8 | 1 | + | 0 | | |

Oliktok

| 3239 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-18 | 2 | 7 | 7 | 2 | + | | |
| -20,-19 | + | 2 | 2 | 1 | + | | |
| -22,-21 | + | 2 | 2 | 1 | 0 | | |
| -24,-23 | 1 | 3 | 4 | 1 | + | | |
| -26,-25 | 1 | 2 | 3 | 1 | + | | |
| -28,-27 | 1 | 3 | 4 | 1 | + | | |
| -30,-29 | 1 | 3 | 4 | 1 | + | | |
| -32,-31 | 1 | 3 | 2 | + | 0 | | |
| -34,-33 | 1 | 2 | 3 | 1 | 0 | | |
| -36,-35 | 1 | 2 | 2 | + | 0 | | |
| ±-37 | 4 | 10 | 3 | + | 0 | | |

Barter

| 18317 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-16 | 1 | 5 | 4 | 2 | + | | |
| -18,-17 | + | 2 | 2 | 1 | + | | |
| -20,-19 | + | 2 | 3 | 1 | + | | |
| -22,-21 | + | 2 | 2 | 1 | + | | |
| -24,-23 | 1 | 3 | 3 | 1 | + | | |
| -26,-25 | 1 | 2 | 3 | 1 | + | | |
| -28,-27 | 1 | 4 | 4 | 2 | + | | |
| -30,-29 | 1 | 4 | 4 | 1 | + | | |
| -32,-31 | 1 | 3 | 2 | 1 | + | | |
| -34,-33 | 1 | 4 | 2 | 1 | + | | |
| ±-35 | 3 | 10 | 4 | 1 | + | | |

Tuktoyaktuk

| 3223 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-18 | 1 | 6 | 6 | 1 | + | | |
| -20,-19 | + | 2 | 2 | + | + | | |
| -22,-21 | + | 1 | 2 | + | 0 | | |
| -24,-23 | 1 | 3 | 3 | + | 0 | | |
| -26,-25 | + | 3 | 3 | + | 0 | | |
| -28,-27 | 1 | 4 | 4 | 1 | + | | |
| -30,-29 | 1 | 5 | 4 | 1 | 0 | | |
| -32,-31 | 1 | 4 | 3 | + | + | | |
| -34,-33 | 2 | 6 | 2 | + | 0 | | |
| -36,-35 | 2 | 4 | 2 | + | 0 | | |
| ±-37 | 4 | 11 | 2 | + | 0 | | |

Cape Perry

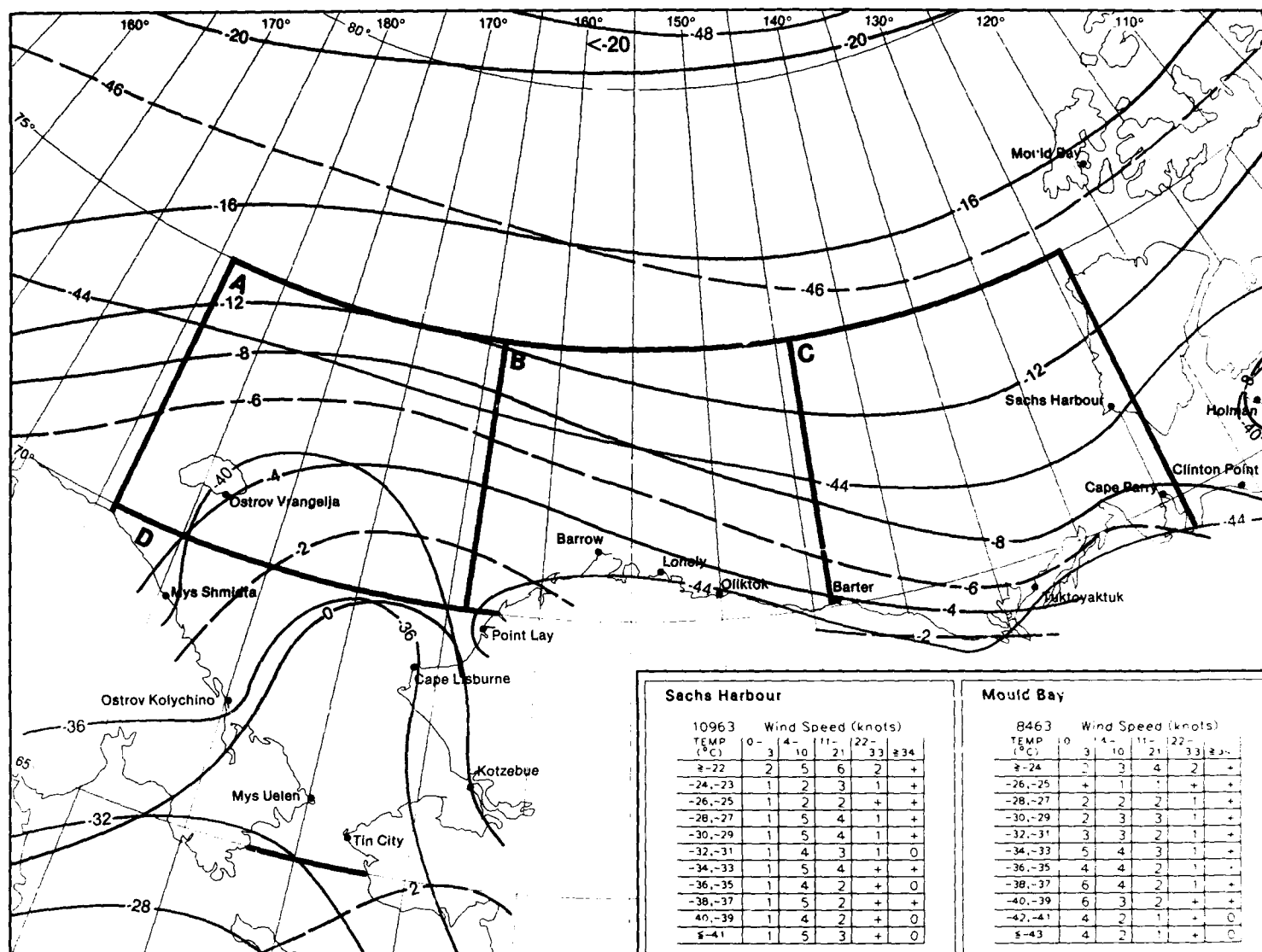
| 19835 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-20 | 2 | 5 | 6 | 1 | + | | |
| -22,-21 | 1 | 2 | 2 | + | + | | |
| -24,-23 | 1 | 2 | 3 | 1 | + | | |
| -26,-25 | 1 | 3 | 3 | 1 | + | | |
| -28,-27 | 2 | 3 | 4 | 1 | + | | |
| -30,-29 | 2 | 3 | 5 | 1 | + | | |
| -32,-31 | 2 | 3 | 5 | 1 | + | | |
| -34,-33 | 3 | 5 | 5 | 1 | + | | |
| -36,-35 | 2 | 4 | 3 | + | + | | |
| -38,-37 | 2 | 3 | 2 | + | 0 | | |
| ±-39 | 2 | 2 | 1 | + | 0 | | |

Clinton Point

| 4620 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-20 | 1 | 6 | 6 | 2 | + | | |
| -22,-21 | + | 1 | 1 | + | + | | |
| -24,-23 | 1 | 3 | 3 | + | + | | |
| -26,-25 | 1 | 3 | 3 | + | + | | |
| -28,-27 | 1 | 5 | 5 | 1 | + | | |
| -30,-29 | 2 | 5 | 4 | 1 | + | | |
| -32,-31 | 2 | 4 | 3 | 1 | + | | |
| -34,-33 | 2 | 6 | 2 | + | 0 | | |
| -36,-35 | 1 | 5 | 2 | + | 0 | | |
| -38,-37 | 1 | 6 | 1 | + | 0 | | |
| ±-39 | 2 | 5 | + | + | 0 | | |

Holman

| 3212 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ±-18 | 3 | 4 | 3 | 2 | + | | |
| -20,-19 | 1 | | | | | | |
| -22,-21 | 1 | 2 | 1 | 1 | + | | |
| -24,-23 | 2 | 2 | 2 | 1 | | + | |
| -26,-25 | 2 | 2 | 2 | 1 | | | |
| -28,-27 | 3 | 3 | 4 | 3 | | | |
| -30,-29 | 3 | 5 | 4 | 3 | | | |
| -32,-31 | 3 | 4 | 2 | 1 | | | |
| -34,-33 | 3 | 3 | 2 | 1 | + | | |
| -36,-35 | 2 | 3 | 1 | + | + | | |
| ±-37 | 2 | 4 | 2 | + | | | |



Sachs Harbour

| 10963 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | ≥51 |
| -22 | 2 | 5 | 6 | 2 | + | | |
| -24,-23 | 1 | 2 | 3 | 1 | + | | |
| -26,-25 | 1 | 2 | 2 | + | + | | |
| -28,-27 | 1 | 5 | 4 | 1 | + | | |
| -30,-29 | 1 | 5 | 4 | 1 | + | | |
| -32,-31 | 1 | 4 | 3 | 1 | 0 | | |
| -34,-33 | 1 | 5 | 4 | + | + | | |
| -36,-35 | 1 | 4 | 2 | + | 0 | | |
| -38,-37 | 1 | 5 | 2 | + | + | | |
| -40,-39 | 1 | 4 | 2 | + | 0 | | |
| -42,-41 | 1 | 5 | 3 | + | 0 | | |

Mould Bay

| 8463 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | ≥51 |
| -24 | 3 | 4 | 2 | + | | | |
| -26,-25 | + | 1 | + | + | + | | |
| -28,-27 | 2 | 2 | 2 | 1 | + | | |
| -30,-29 | 2 | 3 | 3 | 1 | + | | |
| -32,-31 | 3 | 3 | 2 | 1 | + | | |
| -34,-33 | 5 | 4 | 3 | 1 | + | | |
| -36,-35 | 4 | 4 | 2 | 1 | + | | |
| -38,-37 | 6 | 4 | 2 | 1 | + | | |
| -40,-39 | 6 | 3 | 2 | + | + | | |
| -42,-41 | 4 | 2 | 1 | + | 0 | | |
| -44,-43 | 4 | 2 | 1 | + | 0 | | |

Marine Area A

| 339 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | ≥51 |
| -20 | + | 4 | 11 | 2 | 0 | | |
| -22,-21 | 0 | 2 | 3 | 1 | 0 | | |
| -24,-23 | 0 | 1 | 2 | + | 0 | | |
| -26,-25 | 0 | 1 | 2 | + | 0 | | |
| -28,-27 | 1 | 2 | 1 | + | 0 | | |
| -30,-29 | 2 | 6 | 2 | + | 0 | | |
| -32,-31 | 3 | 4 | 2 | 0 | 0 | | |
| -34,-33 | 3 | 5 | 3 | 0 | 0 | | |
| -36,-35 | 1 | 4 | 2 | 0 | 0 | | |
| -38,-37 | 2 | 4 | 2 | 1 | 0 | | |
| -40,-39 | 10 | 7 | 3 | + | 0 | | |

Marine Area B

| 456 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | ≥51 |
| -20 | 8 | 6 | 1 | 1 | 0 | | |
| -22,-21 | 2 | 8 | + | 0 | 0 | | |
| -24,-23 | 2 | 8 | 0 | 0 | 0 | | |
| -26,-25 | 2 | 3 | 0 | 0 | 0 | | |
| -28,-27 | 3 | 3 | 0 | 0 | 0 | | |
| -30,-29 | 6 | 2 | 0 | 0 | 0 | | |
| -32,-31 | 6 | 3 | 0 | 0 | 0 | | |
| -34,-33 | 6 | 0 | 0 | 0 | 0 | | |
| -36,-35 | 10 | 2 | + | 0 | 0 | | |
| -38,-37 | 6 | 0 | 0 | 0 | 0 | | |
| -40,-39 | 13 | + | 0 | + | 0 | | |

Marine Area C

| 400 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | ≥51 |
| -16 | + | 2 | 2 | 2 | + | | |
| -18,-17 | 0 | + | 3 | 2 | + | | |
| -20,-19 | 0 | 1 | 4 | 1 | + | | |
| -22,-21 | + | 1 | 4 | 3 | 1 | | |
| -24,-23 | + | 3 | 3 | 4 | + | | |
| -26,-25 | + | 2 | 3 | 2 | + | | |
| -28,-27 | + | 4 | 3 | 1 | + | | |
| -30,-29 | 3 | 3 | 2 | + | 1 | | |
| -32,-31 | 1 | 4 | 4 | + | + | | |
| -34,-33 | 1 | 5 | 3 | + | + | | |
| -36,-35 | 1 | 7 | 2 | 0 | 0 | | |

Marine Area D

| 10 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | ≥51 |
| -10 | 0 | 0 | 0 | 0 | 0 | | |
| -8,9 | 0 | 0 | 0 | 0 | 0 | | |
| -6,7 | 0 | 0 | 0 | 0 | 0 | | |
| -4,5 | 0 | 0 | 10 | 0 | 0 | | |
| -2,3 | 0 | 0 | 0 | 0 | 0 | | |
| -0,1 | 0 | 10 | 20 | 0 | 0 | | |
| -2,-1 | 20 | 10 | 30 | 0 | 0 | | |
| -4,-3 | 0 | 0 | 0 | 0 | 0 | | |
| -6,-5 | 0 | 0 | 0 | 0 | 0 | | |
| -8,-7 | 0 | 0 | 0 | 0 | 0 | | |
| -10,-9 | 0 | 0 | 0 | 0 | 0 | | |

7 Air Temperature Extremes

January

Ostrov Vrangolja

| 3890 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-16 | 1 | 3 | 2 | + | + | + |
| -18,-17 | 1 | 1 | 1 | 1 | + | + |
| -20,-19 | 1 | 1 | 2 | 1 | + | + |
| -22,-21 | 2 | 3 | 3 | 2 | + | + |
| -24,-23 | 3 | 3 | 3 | 2 | + | + |
| -26,-25 | 3 | 4 | 3 | 2 | + | + |
| -28,-27 | 6 | 3 | 2 | 1 | 1 | 1 |
| -30,-29 | 4 | 2 | 1 | 1 | + | + |
| -32,-31 | 7 | 2 | 1 | + | + | + |
| -34,-33 | 6 | 1 | + | + | + | + |
| ≤-35 | 9 | 1 | + | + | + | + |

Mys Shmidta

| 4371 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-18 | 1 | 4 | 3 | 1 | + | + |
| -20,-19 | + | 1 | 1 | + | + | + |
| -22,-21 | 1 | 2 | 2 | 1 | + | + |
| -24,-23 | 1 | 3 | 2 | 1 | + | + |
| -26,-25 | 2 | 3 | 4 | 2 | + | + |
| -28,-27 | 2 | 5 | 6 | 3 | + | + |
| -30,-29 | 1 | 2 | 3 | 1 | + | + |
| -32,-31 | 3 | 3 | 4 | 2 | + | + |
| -34,-33 | 2 | 3 | 3 | 1 | + | + |
| -36,-35 | 4 | 3 | 2 | 1 | + | + |
| ≤-37 | 5 | 3 | 1 | + | 0 | 0 |

Ostrov Kolyuchino

| 2768 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-16 | 1 | 4 | 5 | 2 | + | + |
| -18,-17 | 1 | 2 | 2 | 1 | + | + |
| -20,-19 | 1 | 1 | 2 | + | + | + |
| -22,-21 | 1 | 2 | 3 | + | 0 | 0 |
| -24,-23 | 1 | 2 | 4 | 1 | 0 | 0 |
| -26,-25 | 1 | 2 | 5 | 1 | + | + |
| -28,-27 | 1 | 5 | 5 | 2 | + | + |
| -30,-29 | 1 | 3 | 3 | 1 | + | + |
| -32,-31 | 2 | 6 | 4 | + | 0 | 0 |
| -34,-33 | 2 | 6 | 2 | + | 0 | 0 |
| ≤-35 | 2 | 7 | 2 | + | 0 | 0 |

Mys Uelen

| 4357 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-14 | 2 | 4 | 5 | 3 | 2 | 2 |
| -16,-15 | 1 | 2 | 1 | + | + | + |
| -18,-17 | 1 | 3 | 2 | + | + | + |
| -20,-19 | 1 | 2 | 1 | + | 0 | 0 |
| -22,-21 | 1 | 3 | 3 | + | 0 | 0 |
| -24,-23 | 1 | 3 | 3 | 1 | 0 | 0 |
| -26,-25 | 1 | 2 | 4 | + | + | + |
| -28,-27 | 3 | 4 | 6 | 1 | + | + |
| -30,-29 | 2 | 3 | 3 | + | + | + |
| -32,-31 | 3 | 4 | 3 | + | + | + |
| ≤-33 | 5 | 5 | 1 | 1 | 0 | 0 |

Tin City

| 17416 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-12 | 3 | 5 | 8 | 3 | + | + |
| -14,-13 | 1 | 1 | 2 | 1 | + | + |
| -16,-15 | 1 | 1 | 2 | 2 | + | + |
| -18,-17 | 1 | 1 | 3 | 3 | + | + |
| -20,-19 | + | 1 | 3 | 3 | + | + |
| -22,-21 | + | + | 2 | 3 | + | + |
| -24,-23 | + | 1 | 4 | 5 | 1 | 1 |
| -26,-25 | + | 1 | 3 | 5 | 1 | 1 |
| -28,-27 | + | + | 3 | 4 | 1 | 1 |
| -30,-29 | + | 1 | 4 | 4 | 1 | 1 |
| ≤-31 | + | 1 | 6 | 6 | 1 | 1 |

Kotzebue

| 19709 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-12 | 1 | 5 | 10 | 5 | 1 | 1 |
| -14,-13 | + | 2 | 2 | 1 | + | + |
| -16,-15 | + | 2 | 2 | 1 | + | + |
| -18,-17 | + | 2 | 2 | 1 | + | + |
| -20,-19 | 1 | 3 | 2 | 1 | + | + |
| -22,-21 | 1 | 3 | 2 | + | + | + |
| -24,-23 | 1 | 4 | 3 | + | + | + |
| -26,-25 | 1 | 3 | 2 | + | + | + |
| -28,-27 | 2 | 4 | 2 | + | + | + |
| -30,-29 | 2 | 4 | 1 | + | + | + |
| ≤-31 | 6 | 9 | 2 | + | + | + |

Cape Lisburne

| 16993 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-14 | 3 | 5 | 5 | 4 | 1 | 1 |
| -16,-15 | 1 | 2 | 1 | + | + | + |
| -18,-17 | 1 | 2 | 1 | + | + | + |
| -20,-19 | 1 | 3 | 2 | + | 0 | 0 |
| -22,-21 | 1 | 4 | 2 | + | + | + |
| -24,-23 | 2 | 5 | 4 | + | + | + |
| -26,-25 | 2 | 4 | 3 | + | + | + |
| -28,-27 | 2 | 5 | 3 | + | + | + |
| -30,-29 | 2 | 5 | 3 | + | + | + |
| -32,-31 | 2 | 3 | 2 | + | + | + |
| ≤-33 | 4 | 6 | 3 | + | + | + |

Point Lay

| 2997 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-20 | 3 | 8 | 1 | + | + | + |
| -22,-21 | 1 | 2 | 1 | + | + | + |
| -24,-23 | 1 | 2 | 1 | + | + | + |
| -26,-25 | 1 | 2 | 2 | + | + | + |
| -28,-27 | 1 | 3 | 2 | + | + | + |
| -30,-29 | 1 | 4 | 4 | + | + | + |
| -32,-31 | 1 | 3 | 3 | + | + | + |
| -34,-33 | 1 | 3 | 3 | + | + | + |
| -36,-35 | 1 | 3 | 3 | + | + | + |
| -38,-37 | 1 | 4 | 2 | + | + | + |
| ≤-39 | 3 | 8 | 4 | + | + | + |

Barrow

| 11135 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-20 | + | 6 | 6 | 1 | + | + |
| -22,-21 | + | 2 | 3 | + | + | + |
| -24,-23 | + | 2 | 4 | + | + | + |
| -26,-25 | + | 2 | 3 | + | 0 | 0 |
| -28,-27 | + | 5 | 4 | + | 0 | 0 |
| -30,-29 | 1 | 8 | 4 | + | 0 | 0 |
| -32,-31 | 1 | 6 | 2 | + | 0 | 0 |
| -34,-33 | 1 | 8 | 2 | + | 0 | 0 |
| -36,-35 | 1 | 6 | 1 | + | 0 | 0 |
| -38,-37 | 1 | 6 | 1 | 0 | 0 | 0 |
| ≤-39 | 1 | 7 | 1 | 0 | 0 | 0 |

Lonely

| 3126 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-20 | 2 | 7 | 5 | 1 | + | + |
| -22,-21 | + | 2 | 2 | + | + | + |
| -24,-23 | + | 2 | 2 | 1 | 0 | 0 |
| -26,-25 | 1 | 2 | 2 | + | 0 | 0 |
| -28,-27 | 1 | 3 | 2 | + | + | + |
| -30,-29 | 2 | 5 | 3 | + | 0 | 0 |
| -32,-31 | 2 | 5 | 3 | + | 0 | 0 |
| -34,-33 | 2 | 6 | 2 | + | 0 | 0 |
| -36,-35 | 2 | 5 | 1 | + | 0 | 0 |
| -38,-37 | 3 | 6 | 1 | 0 | 0 | 0 |
| ≤-39 | 5 | 9 | + | 0 | 0 | 0 |

Oliktok

| 2969 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-20 | 2 | 7 | 6 | 2 | + | + |
| -22,-21 | 1 | 2 | 2 | 1 | + | + |
| -24,-23 | 1 | 3 | 2 | 1 | + | + |
| -26,-25 | 1 | 2 | 2 | + | + | + |
| -28,-27 | 1 | 2 | 2 | 1 | + | + |
| -30,-29 | 1 | 4 | 3 | + | 0 | 0 |
| -32,-31 | 1 | 3 | 2 | + | 0 | 0 |
| -34,-33 | 2 | 5 | 2 | + | 0 | 0 |
| -36,-35 | 1 | 4 | 3 | + | 0 | 0 |
| -38,-37 | 2 | 5 | 2 | + | 0 | 0 |
| ≤-39 | 5 | 11 | 3 | + | 0 | 0 |

Barter

| 16692 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-20 | 1 | 6 | 6 | 3 | + | + |
| -22,-21 | + | 1 | 2 | + | + | + |
| -24,-23 | + | 2 | 3 | + | + | + |
| -26,-25 | + | 2 | 2 | 1 | + | + |
| -28,-27 | 1 | 3 | 4 | + | + | + |
| -30,-29 | + | 4 | 3 | + | + | + |
| -32,-31 | + | 3 | 3 | + | + | + |
| -34,-33 | 1 | 4 | 4 | + | + | + |
| -36,-35 | 1 | 4 | 3 | + | + | + |
| -38,-37 | 1 | 5 | 3 | + | + | + |
| ≤-39 | 3 | 9 | 3 | + | + | + |

Tuktoyaktuk

| 2919 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-20 | 2 | 7 | 7 | 1 | + | + |
| -22,-21 | 1 | 3 | 2 | + | 0 | 0 |
| -24,-23 | + | 3 | 3 | + | 0 | 0 |
| -26,-25 | 1 | 3 | 2 | + | 0 | 0 |
| -28,-27 | 1 | 5 | 3 | + | 0 | 0 |
| -30,-29 | 1 | 6 | 3 | + | 0 | 0 |
| -32,-31 | 1 | 4 | 2 | + | 0 | 0 |
| -34,-33 | 2 | 6 | 2 | + | 0 | 0 |
| -36,-35 | 2 | 5 | 2 | + | 0 | 0 |
| -38,-37 | 2 | 6 | 1 | 0 | 0 | 0 |
| ≤-39 | 4 | 7 | 1 | 0 | 0 | 0 |

Cape Parry

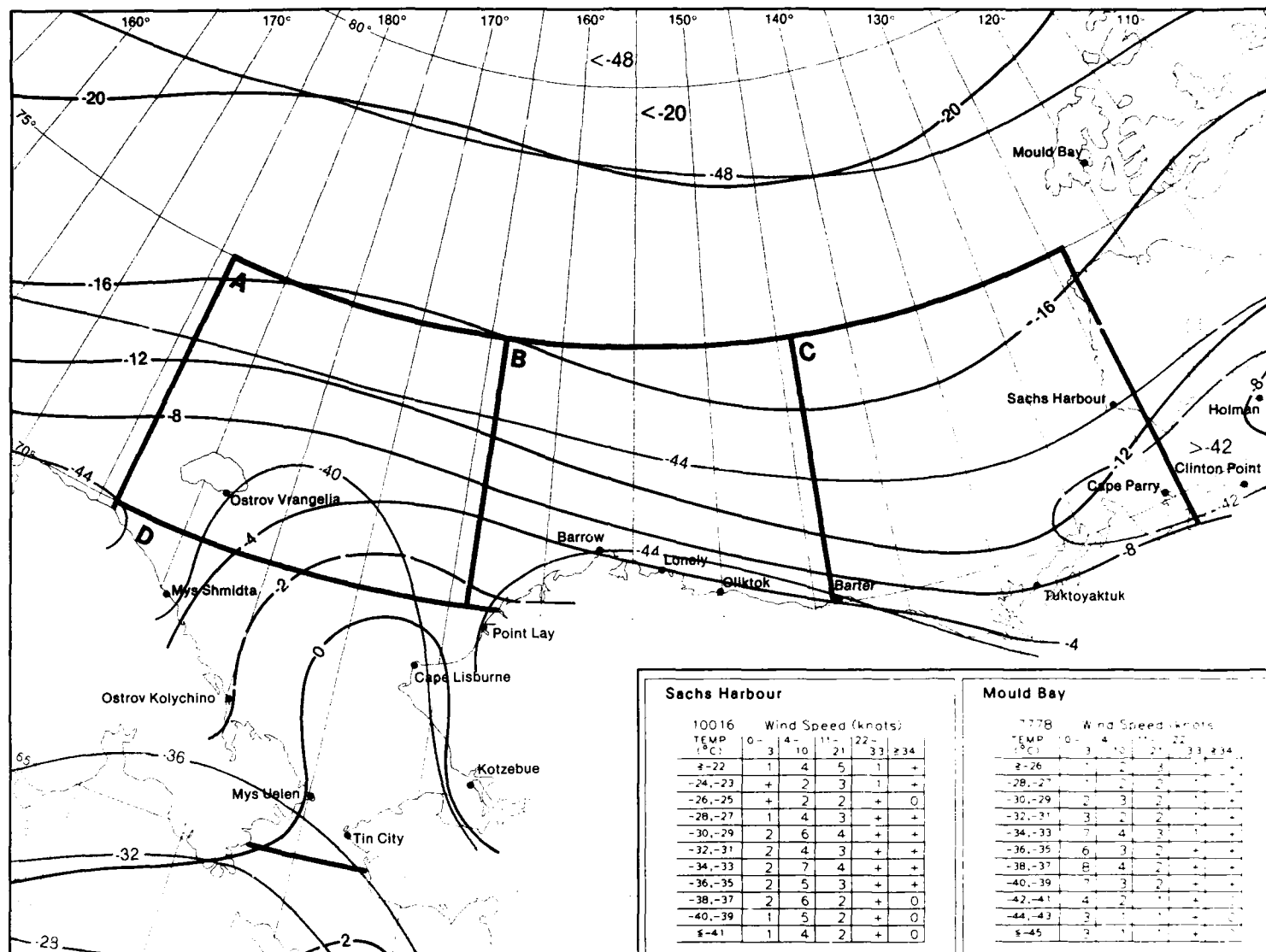
| 18086 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-20 | 2 | 4 | 5 | 1 | + | + |
| -22,-21 | + | 1 | 2 | 1 | + | + |
| -24,-23 | 1 | 1 | 3 | 1 | + | + |
| -26,-25 | 1 | 1 | 3 | 1 | + | + |
| -28,-27 | 1 | 3 | 4 | 1 | + | + |
| -30,-29 | 2 | 3 | 5 | 1 | + | + |
| -32,-31 | 2 | 4 | 4 | 1 | 0 | 0 |
| -34,-33 | 4 | 6 | 5 | + | 0 | 0 |
| -36,-35 | 3 | 4 | 3 | + | + | + |
| -38,-37 | 3 | 4 | 2 | + | + | + |
| ≤-39 | 3 | 4 | 2 | + | 0 | 0 |

Clinton Point

| 4240 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-20 | 2 | 7 | 5 | 1 | + | + |
| -22,-21 | 1 | 3 | 2 | 1 | + | + |
| -24,-23 | 1 | 2 | 2 | + | + | + |
| -26,-25 | + | 2 | 2 | + | + | + |
| -28,-27 | 1 | 3 | 3 | 1 | + | + |
| -30,-29 | + | 4 | 4 | + | + | + |
| -32,-31 | 1 | 5 | 4 | + | + | + |
| -34,-33 | 2 | 8 | 3 | + | 0 | 0 |
| -36,-35 | 1 | 6 | 2 | + | 0 | 0 |
| -38,-37 | 2 | 8 | 1 | + | 0 | 0 |
| ≤-39 | 2 | 5 | + | + | 0 | 0 |

Holman

| 2925 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | ≥34 |
| 2-18 | 3 | 2 | 2 | 3 | 2 | 2 |
| -20,-19 | 1 | 2 | 1 | + | + | + |
| -22,-21 | 1 | 2 | 1 | + | + | + |
| -24,-23 | 2 | 3 | 2 | 1 | + | + |
| -26,-25 | 2 | 2 | 2 | 1 | + | + |
| -28,-27 | 2 | 4 | 3 | 2 | 1 | 1 |
| -30,-29 | 5 | 5 | 3 | 2 | + | + |
| -32,-31 | 3 | 3 | 2 | 1 | + | + |
| -34,-33 | 3 | 5 | 2 | 1 | + | + |
| -36,-35 | 2 | 3 | 1 | + | + | + |
| ≤-37 | 3 | 4 | 1 | + | + | + |



Sachs Harbour

| 10016 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | | |
| -22 | 1 | 4 | 5 | 1 | + | | |
| -24,-23 | + | 2 | 3 | 1 | + | | |
| -26,-25 | + | 2 | 2 | + | 0 | | |
| -28,-27 | 1 | 4 | 3 | + | + | | |
| -30,-29 | 2 | 6 | 4 | + | + | | |
| -32,-31 | 2 | 4 | 3 | + | + | | |
| -34,-33 | 2 | 7 | 4 | + | + | | |
| -36,-35 | 2 | 5 | 3 | + | + | | |
| -38,-37 | 2 | 6 | 2 | + | 0 | | |
| -40,-39 | 1 | 5 | 2 | + | 0 | | |
| ≤-41 | 1 | 4 | 2 | + | 0 | | |

Mould Bay

| 7778 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | | |
| -26 | 1 | 4 | 5 | 1 | + | | |
| -28,-27 | + | 2 | 3 | 1 | + | | |
| -30,-29 | 2 | 3 | 2 | + | + | | |
| -32,-31 | 3 | 4 | 2 | + | + | | |
| -34,-33 | 7 | 4 | 3 | + | + | | |
| -36,-35 | 6 | 3 | 2 | + | + | | |
| -38,-37 | 8 | 4 | 2 | + | + | | |
| -40,-39 | 7 | 3 | 2 | + | + | | |
| -42,-41 | 4 | 2 | + | + | + | | |
| -44,-43 | 3 | 1 | + | + | + | | |
| ≤-45 | 2 | 1 | + | + | + | | |

Marine Area A

| 275 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | | |
| -20 | 4 | 6 | 2 | 2 | 0 | | |
| -22,-21 | + | 2 | + | + | 0 | | |
| -24,-23 | 1 | 1 | 2 | 1 | 0 | | |
| -26,-25 | 0 | 2 | 3 | + | 0 | | |
| -28,-27 | 2 | 3 | 3 | 0 | 0 | | |
| -30,-29 | 1 | 3 | 1 | 0 | 0 | | |
| -32,-31 | 1 | 3 | 4 | 0 | 0 | | |
| -34,-33 | + | 8 | 5 | 0 | 0 | | |
| -36,-35 | 3 | 8 | 5 | 0 | 0 | | |
| -38,-37 | 3 | 11 | 1 | 0 | 0 | | |
| ≤-39 | 1 | 7 | + | 0 | 0 | | |

Marine Area B

| 259 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | | |
| -24 | 3 | 5 | 7 | 3 | 0 | | |
| -26,-25 | 2 | 2 | + | 0 | 0 | | |
| -28,-27 | 2 | 1 | + | 0 | 0 | | |
| -30,-29 | 2 | 4 | 1 | 0 | 0 | | |
| -32,-31 | 5 | 2 | + | 0 | 0 | | |
| -34,-33 | 8 | + | 0 | 0 | 0 | | |
| -36,-35 | 8 | 0 | 0 | 0 | 0 | | |
| -38,-37 | 10 | 0 | 0 | 0 | 0 | | |
| -40,-39 | 19 | 0 | 0 | 0 | 0 | | |
| -42,-41 | 9 | 0 | 0 | 0 | 0 | | |
| ≤-43 | 5 | 0 | 0 | 0 | 0 | | |

Marine Area C

| 333 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | | |
| -20 | + | + | 4 | 2 | 0 | | |
| -22,-21 | + | 1 | 5 | 1 | 0 | | |
| -24,-23 | + | 1 | 8 | 1 | 0 | | |
| -26,-25 | 1 | 5 | 5 | 2 | 0 | | |
| -28,-27 | 1 | 5 | 4 | 0 | 0 | | |
| -30,-29 | 1 | 6 | 3 | 0 | 0 | | |
| -32,-31 | 1 | 5 | 3 | 1 | 0 | | |
| -34,-33 | 2 | 4 | 2 | 1 | 0 | | |
| -36,-35 | 2 | 5 | 2 | 1 | 0 | | |
| -38,-37 | 1 | 7 | 2 | 0 | 0 | | |
| ≤-39 | + | 4 | 1 | 0 | 0 | | |

Marine Area D

| 40 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|-----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | | |
| -6 | 0 | 0 | 5 | 0 | 0 | | |
| -8,-7 | 0 | 2 | 3 | 0 | 0 | | |
| -10,-9 | 0 | 5 | 0 | 2 | 0 | | |
| -12,-11 | 0 | 2 | 5 | 5 | 0 | | |
| -14,-13 | 0 | 7 | 2 | 2 | 0 | | |
| -16,-15 | 0 | 2 | 2 | 0 | 0 | | |
| -18,-17 | 2 | 0 | 7 | 0 | 0 | | |
| -20,-19 | 0 | 5 | 10 | 5 | 0 | | |
| -22,-21 | 0 | 0 | 5 | 0 | 0 | | |
| -24,-23 | 0 | 0 | 2 | 0 | 0 | | |
| ≤-25 | 0 | 0 | 5 | 0 | 0 | | |

7 Air Temperature Extremes

February

Ostrov Vrangolja

| 4389 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|-------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -14 | 1 | 3 | 3 | 1 | + | | | | | |
| -16,-15 | 1 | 2 | 2 | 1 | + | | | | | |
| -18,-17 | 1 | 2 | 3 | 1 | + | | | | | |
| -20,-19 | 1 | 1 | 3 | 2 | + | | | | | |
| -22,-21 | 3 | 3 | 4 | 2 | 1 | | | | | |
| -24,-23 | 4 | 3 | 3 | 2 | 1 | | | | | |
| -26,-25 | 4 | 3 | 2 | 1 | + | | | | | |
| -28,-27 | 6 | 3 | 2 | 1 | + | | | | | |
| -30,-29 | 4 | 2 | 1 | + | + | | | | | |
| -32,-31 | 5 | 2 | 1 | + | 0 | | | | | |
| -33 | 7 | 2 | + | + | + | | | | | |

Mys Shmidt

| 4882 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|-------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -16 | 2 | 3 | 3 | 1 | + | | | | | |
| -18,-17 | 1 | 2 | 1 | + | + | | | | | |
| -20,-19 | 1 | 1 | 1 | + | + | | | | | |
| -22,-21 | 2 | 3 | 3 | 1 | + | | | | | |
| -24,-23 | 1 | 4 | 4 | 2 | + | | | | | |
| -26,-25 | 2 | 4 | 6 | 2 | + | | | | | |
| -28,-27 | 3 | 4 | 6 | 2 | 1 | | | | | |
| -30,-29 | 1 | 3 | 3 | 2 | + | | | | | |
| -32,-31 | 2 | 3 | 3 | 1 | + | | | | | |
| -34,-33 | 3 | 2 | 2 | + | + | | | | | |
| -35 | 5 | 2 | 1 | + | 0 | | | | | |

Ostrov Kolychino

| 2992 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|-------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -14 | 1 | 3 | 5 | 2 | + | | | | | |
| -16,-15 | 1 | 1 | 1 | + | 0 | | | | | |
| -18,-17 | 1 | 3 | 2 | + | 0 | | | | | |
| -20,-19 | + | 2 | 2 | + | 0 | | | | | |
| -22,-21 | 1 | 3 | 3 | 1 | 0 | | | | | |
| -24,-23 | 1 | 4 | 4 | 1 | 0 | | | | | |
| -26,-25 | 1 | 4 | 5 | 1 | 0 | | | | | |
| -28,-27 | 1 | 7 | 6 | 1 | + | | | | | |
| -30,-29 | 1 | 5 | 3 | + | + | | | | | |
| -32,-31 | 2 | 6 | 2 | + | 0 | | | | | |
| -33 | 2 | 7 | 2 | + | 0 | | | | | |

Mys Uelen

| 4845 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|-------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -12 | 2 | 5 | 5 | 3 | + | | | | | |
| -14,-13 | + | 1 | 1 | + | + | | | | | |
| -16,-15 | 1 | 2 | 2 | + | 0 | | | | | |
| -18,-17 | 2 | 4 | 2 | + | + | | | | | |
| -20,-19 | 1 | 3 | 3 | + | 0 | | | | | |
| -22,-21 | 2 | 4 | 4 | + | 0 | | | | | |
| -24,-23 | 2 | 5 | 4 | + | + | | | | | |
| -26,-25 | 2 | 4 | 4 | + | + | | | | | |
| -28,-27 | 3 | 3 | 4 | 1 | + | | | | | |
| -30,-29 | 1 | 2 | 2 | + | 0 | | | | | |
| -31 | 5 | 4 | 2 | + | 0 | | | | | |

Tin City

| 19490 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|--------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -10 | 3 | 6 | 7 | 3 | + | | | | | |
| -12,-11 | + | 1 | 2 | 1 | + | | | | | |
| -14,-13 | 1 | 1 | 3 | 2 | + | | | | | |
| -16,-15 | + | 1 | 2 | 3 | + | | | | | |
| -18,-17 | 1 | 1 | 3 | 3 | + | | | | | |
| -20,-19 | + | 1 | 4 | 5 | + | | | | | |
| -22,-21 | + | 1 | 3 | 4 | + | | | | | |
| -24,-23 | + | 1 | 4 | 6 | 1 | | | | | |
| -26,-25 | + | 1 | 3 | 3 | 1 | | | | | |
| -28,-27 | + | 1 | 3 | 3 | 1 | | | | | |
| -29 | + | 1 | 4 | 4 | 1 | | | | | |

Kotzebue

| 21958 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|--------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -8 | + | 4 | 7 | 3 | + | | | | | |
| -10,-9 | + | 3 | 3 | 1 | + | | | | | |
| -12,-11 | + | 2 | 2 | 1 | + | | | | | |
| -14,-13 | 1 | 4 | 2 | 1 | + | | | | | |
| -16,-15 | 1 | 3 | 2 | 1 | + | | | | | |
| -18,-17 | 1 | 4 | 2 | 1 | + | | | | | |
| -20,-19 | 2 | 5 | 2 | 1 | + | | | | | |
| -22,-21 | 1 | 3 | 2 | + | + | | | | | |
| -24,-23 | 1 | 5 | 2 | + | + | | | | | |
| -26,-25 | 1 | 3 | 1 | + | + | | | | | |
| -27 | 5 | 11 | 4 | 1 | + | | | | | |

Cape Lisburne

| 19166 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|--------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -12 | 3 | 4 | 4 | 3 | 1 | | | | | |
| -14,-13 | 1 | 2 | 1 | + | + | | | | | |
| -16,-15 | 1 | 2 | 1 | + | + | | | | | |
| -18,-17 | 1 | 3 | 1 | + | + | | | | | |
| -20,-19 | 2 | 4 | 3 | + | + | | | | | |
| -22,-21 | 1 | 5 | 3 | + | + | | | | | |
| -24,-23 | 1 | 6 | 5 | 1 | + | | | | | |
| -26,-25 | 1 | 4 | 3 | + | + | | | | | |
| -28,-27 | 2 | 4 | 3 | + | + | | | | | |
| -30,-29 | 2 | 4 | 2 | + | + | | | | | |
| -31 | 4 | 4 | 2 | + | + | | | | | |

Point Lay

| 3327 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|-------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -18 | 2 | 8 | 4 | + | + | | | | | |
| -20,-19 | 1 | 2 | 1 | + | + | | | | | |
| -22,-21 | 1 | 2 | 1 | + | + | | | | | |
| -24,-23 | 1 | 3 | 3 | + | + | | | | | |
| -26,-25 | 1 | 2 | 2 | + | + | | | | | |
| -28,-27 | 1 | 4 | 3 | + | + | | | | | |
| -30,-29 | 1 | 5 | 4 | + | + | | | | | |
| -32,-31 | 1 | 4 | 3 | + | + | | | | | |
| -34,-33 | 1 | 4 | 3 | + | + | | | | | |
| -36,-35 | 1 | 3 | 2 | + | + | | | | | |
| -37 | 3 | 6 | 3 | + | + | | | | | |

Barrow

| 18810 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|--------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -18 | + | 4 | 4 | 1 | + | | | | | |
| -20,-19 | + | 3 | 3 | + | + | | | | | |
| -22,-21 | + | 3 | 3 | + | + | | | | | |
| -24,-23 | 1 | 6 | 6 | 1 | + | | | | | |
| -26,-25 | + | 5 | 5 | + | 0 | | | | | |
| -28,-27 | 1 | 9 | 6 | + | 0 | | | | | |
| -30,-29 | 1 | 9 | 4 | + | 0 | | | | | |
| -32,-31 | 1 | 6 | 2 | + | 0 | | | | | |
| -34,-33 | + | 6 | 1 | 0 | 0 | | | | | |
| -36,-35 | + | 3 | 1 | 0 | 0 | | | | | |
| -37 | + | 4 | 1 | 0 | 0 | | | | | |

Lonely

| 3494 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|-------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -18 | 2 | 4 | 3 | 1 | + | | | | | |
| -20,-19 | 1 | 2 | 2 | 1 | + | | | | | |
| -22,-21 | + | 3 | 2 | + | + | | | | | |
| -24,-23 | 1 | 4 | 4 | 1 | + | | | | | |
| -26,-25 | 1 | 4 | 3 | 1 | + | | | | | |
| -28,-27 | 2 | 6 | 3 | + | + | | | | | |
| -30,-29 | 3 | 7 | 3 | + | + | | | | | |
| -32,-31 | 2 | 5 | 1 | + | 0 | | | | | |
| -34,-33 | 2 | 5 | 1 | + | 0 | | | | | |
| -36,-35 | 2 | 4 | + | 0 | 0 | | | | | |
| -37 | 4 | 9 | + | 0 | 0 | | | | | |

Oliktok

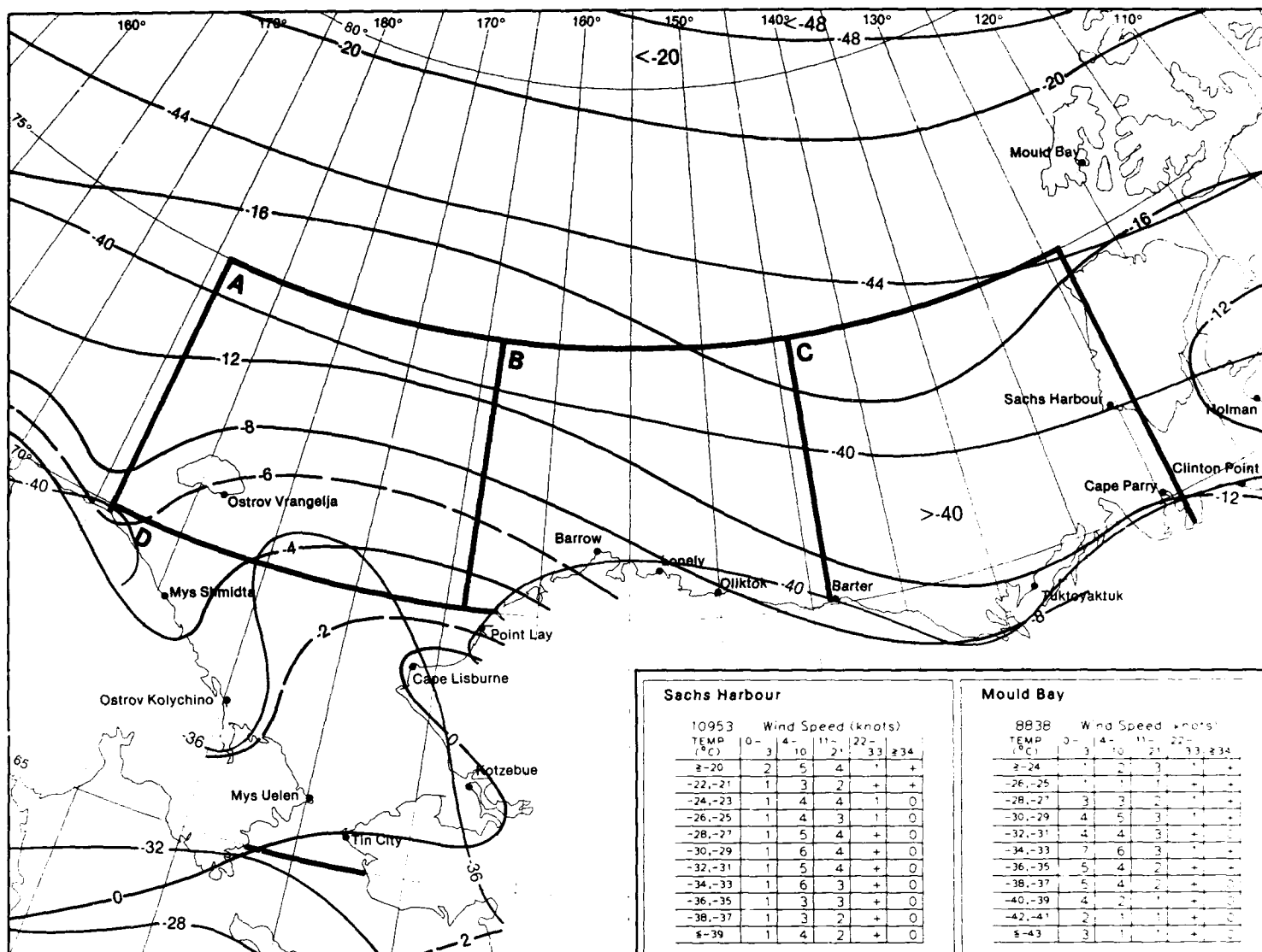
| 3344 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|-------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -18 | 1 | 4 | 3 | 1 | + | | | | | |
| -20,-19 | 1 | 2 | 2 | 1 | + | | | | | |
| -22,-21 | + | 2 | 2 | 1 | + | | | | | |
| -24,-23 | 1 | 3 | 4 | 1 | + | | | | | |
| -26,-25 | 1 | 3 | 4 | 1 | 0 | | | | | |
| -28,-27 | 2 | 4 | 4 | 1 | + | | | | | |
| -30,-29 | 2 | 6 | 4 | + | + | | | | | |
| -32,-31 | 1 | 4 | 2 | + | 0 | | | | | |
| -34,-33 | 2 | 5 | 2 | + | 0 | | | | | |
| -36,-35 | 1 | 5 | 1 | + | 0 | | | | | |
| -37 | 3 | 9 | 3 | 0 | 0 | | | | | |

Barter

| 18626 Wind Speed (knots) | | TEMP (°C) | | 0- | 4- | 10- | 11- | 22- | 33- | 34 |
|--------------------------|----|-----------|-----|-----|-----|-----|-----|-----|-----|----|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -18 | + | 4 | 4 | + | + | | | | | |
| -20,-19 | + | 2 | 3 | + | + | | | | | |
| -22,-21 | + | 2 | 3 | + | + | | | | | |
| -24,-23 | 1 | 4 | 4 | + | + | | | | | |
| -26,-25 | + | 4 | 4 | + | + | | | | | |
| -28,-27 | 1 | 6 | 6 | + | + | | | | | |
| -30,-29 | 1 | 5 | 5 | + | + | | | | | |
| -32,-31 | 1 | 4 | 3 | + | + | | | | | |
| -34,-33 | 1 | 4 | 3 | + | + | | | | | |
| -36,-35 | 1 | 3 | 1 | + | + | | | | | |
| -37 | 1 | 4 | 1 | + | + | | | | | |

Tuktoyaktuk

| 3100 | | Wind Speed (knots) | | | | | | | | |
|--------------|----|--------------------|-----|-----|-----|-----|----|--|--|--|
| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33- | 34 | | | |
| -18 | 1 | 5 | 5 | + | + | | | | | |
| -20,-19 | 1 | 3 | 2 | + | + | | | | | |
| -22,-21 | 1 | 3 | 2 | + | 0 | | | | | |
| -24,-23 | 1 | 5 | 5 | + | 0 | | | | | |
| -26,-25 | 1 | 5 | 4 | + | 0 | | | | | |
| -28,-27 | 2 | 6 | 5 | + | 0 | | | | | |
| -30,-29 | 2 | 7 | 4 | + | 0 | | | | | |
| -32,-31 | 2 | 5 | 2 | + | 0 | | | | | |
| -34,-33 | 2 | 6 | 2 | 0 | 0 | | | | | |
| -36,-35 | 1 | 4 | 1 | 0 | 0 | | | | | |
| -37 | 1 | 4 | 1 | 0 | 0 | | | | | |



Sachs Harbour

| 10953 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | 51-60 | ≥61 |
| -20 | 2 | 5 | 4 | 1 | 0 | 0 | 0 | 0 |
| -22,-21 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| -24,-23 | 1 | 4 | 4 | 1 | 0 | 0 | 0 | 0 |
| -26,-25 | 1 | 4 | 3 | 1 | 0 | 0 | 0 | 0 |
| -28,-27 | 1 | 5 | 4 | 1 | 0 | 0 | 0 | 0 |
| -30,-29 | 1 | 6 | 4 | 1 | 0 | 0 | 0 | 0 |
| -32,-31 | 1 | 5 | 4 | 1 | 0 | 0 | 0 | 0 |
| -34,-33 | 1 | 6 | 3 | 1 | 0 | 0 | 0 | 0 |
| -36,-35 | 1 | 3 | 3 | 1 | 0 | 0 | 0 | 0 |
| -38,-37 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| Σ-39 | 1 | 4 | 2 | 1 | 0 | 0 | 0 | 0 |

Mould Bay

| 8838 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | 51-60 | ≥61 |
| -24 | 1 | 2 | 3 | 1 | 0 | 0 | 0 | 0 |
| -26,-25 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| -28,-27 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| -30,-29 | 4 | 5 | 3 | 1 | 0 | 0 | 0 | 0 |
| -32,-31 | 4 | 4 | 3 | 1 | 0 | 0 | 0 | 0 |
| -34,-33 | 7 | 6 | 3 | 1 | 0 | 0 | 0 | 0 |
| -36,-35 | 5 | 4 | 2 | 1 | 0 | 0 | 0 | 0 |
| -38,-37 | 5 | 4 | 2 | 1 | 0 | 0 | 0 | 0 |
| -40,-39 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| -42,-41 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Σ-43 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |

Marine Area A

| 297 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | 51-60 | ≥61 |
| -18 | + | 6 | 9 | 2 | 0 | 0 | 0 | 0 |
| -20,-19 | + | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| -22,-21 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| -24,-23 | + | 3 | 3 | 1 | 0 | 0 | 0 | 0 |
| -26,-25 | + | 3 | 3 | 1 | 0 | 0 | 0 | 0 |
| -28,-27 | + | 5 | 3 | 1 | 0 | 0 | 0 | 0 |
| -30,-29 | + | 9 | 2 | 0 | 0 | 0 | 0 | 0 |
| -32,-31 | 2 | 5 | 3 | 0 | 0 | 0 | 0 | 0 |
| -34,-33 | 1 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| -36,-35 | + | 7 | 3 | 0 | 0 | 0 | 0 | 0 |
| Σ-37 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |

Marine Area B

| 56 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | 51-60 | ≥61 |
| -14 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 |
| -16,-15 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 |
| -18,-17 | 2 | 5 | 13 | 0 | 0 | 0 | 0 | 0 |
| -20,-19 | 0 | 4 | 7 | 0 | 0 | 0 | 0 | 0 |
| -22,-21 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| -24,-23 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| -26,-25 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 |
| -28,-27 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| -30,-29 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| -32,-31 | 0 | 13 | 5 | 0 | 0 | 0 | 0 | 0 |
| Σ-33 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |

Marine Area C

| 350 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | 51-60 | ≥61 |
| -16 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| -18,-17 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| -20,-19 | + | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -22,-21 | 0 | 2 | 3 | 2 | 1 | 0 | 0 | 0 |
| -24,-23 | 1 | 3 | 5 | 2 | 0 | 0 | 0 | 0 |
| -26,-25 | 4 | 9 | 9 | 1 | 0 | 0 | 0 | 0 |
| -28,-27 | 3 | 12 | 5 | 1 | 0 | 0 | 0 | 0 |
| -30,-29 | 1 | 6 | 5 | 1 | 0 | 0 | 0 | 0 |
| -32,-31 | 2 | 5 | 1 | 1 | 0 | 0 | 0 | 0 |
| -34,-33 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Σ-35 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Marine Area D

| 101 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|-------|-------|-------|-----|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34-40 | 41-50 | 51-60 | ≥61 |
| -4 | 0 | 6 | 1 | 1 | 0 | 0 | 0 | 0 |
| -6,-5 | 0 | 6 | 5 | 1 | 0 | 0 | 0 | 0 |
| -8,-7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| -10,-9 | + | 4 | 3 | 1 | 0 | 0 | 0 | 0 |
| -12,-11 | 0 | 2 | 5 | 2 | 0 | 0 | 0 | 0 |
| -14,-13 | 0 | 2 | 9 | 1 | 0 | 0 | 0 | 0 |
| -16,-15 | 0 | 3 | 1 | 8 | 1 | 0 | 0 | 0 |
| -18,-17 | 0 | 2 | 6 | 2 | 1 | 0 | 0 | 0 |
| -20,-19 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| -22,-21 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Σ-23 | 0 | 2 | 6 | 5 | 1 | 0 | 0 | 0 |

7 Air Temperature Extremes

March

Ostrov Vrangelta

| 4427 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 3 | 3 | + | + | |
| -12,-11 | 1 | 2 | 2 | 1 | + | |
| -14,-13 | 2 | 2 | 2 | 1 | + | |
| -16,-15 | 3 | 3 | 2 | 1 | + | |
| -18,-17 | 4 | 5 | 4 | 3 | + | |
| -20,-19 | 3 | 3 | 2 | 2 | + | |
| -22,-21 | 5 | 4 | 3 | 2 | + | |
| -24,-23 | 5 | 3 | 2 | 1 | + | |
| -26,-25 | 5 | 2 | 1 | + | + | |
| -28,-27 | 4 | 1 | + | + | 0 | |
| ≤-29 | 3 | + | 0 | 0 | + | |

Mys Shmidt

| 4665 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 5 | 3 | 1 | 0 | |
| -12,-11 | 1 | 2 | 1 | + | + | |
| -14,-13 | 1 | 2 | 2 | + | + | |
| -16,-15 | 2 | 3 | 3 | + | + | |
| -18,-17 | 2 | 5 | 4 | 1 | + | |
| -20,-19 | 2 | 3 | 3 | 1 | + | |
| -22,-21 | 3 | 5 | 5 | 1 | + | |
| -24,-23 | 3 | 5 | 4 | 1 | + | |
| -26,-25 | 3 | 4 | 3 | + | + | |
| -28,-27 | 3 | 3 | 2 | + | + | |
| ≤-29 | 4 | 2 | + | + | 0 | |

Ostrov Kolychino

| 2719 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 1 | 5 | 5 | 1 | + | |
| -12,-11 | + | 1 | 2 | + | 0 | |
| -14,-13 | 1 | 2 | 2 | + | 0 | |
| -16,-15 | 1 | 3 | 2 | + | 0 | |
| -18,-17 | 1 | 4 | 3 | 1 | 0 | |
| -20,-19 | 1 | 5 | 4 | 1 | + | |
| -22,-21 | 2 | 4 | 3 | 1 | + | |
| -24,-23 | 2 | 6 | 5 | 1 | 0 | |
| -26,-25 | 2 | 7 | 3 | + | + | |
| ≤-27 | 2 | 7 | 1 | + | 0 | |

Mys Uelen

| 4644 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 4 | 2 | 2 | 1 | |
| -12,-11 | 2 | 2 | 2 | + | + | |
| -14,-13 | 1 | 1 | 1 | + | 0 | |
| -16,-15 | 2 | 3 | 2 | + | 0 | |
| -18,-17 | 2 | 3 | 2 | + | 0 | |
| -20,-19 | 2 | 3 | 2 | + | 0 | |
| -22,-21 | 3 | 4 | 3 | + | 0 | |
| -24,-23 | 3 | 4 | 3 | + | 0 | |
| -26,-25 | 3 | 3 | 2 | + | 0 | |
| ≤-29 | 4 | 3 | 2 | + | 0 | |

Tin City

| 19252 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 5 | 9 | 3 | + | |
| -12,-11 | + | 1 | 3 | 1 | + | |
| -14,-13 | + | 2 | 3 | 2 | + | |
| -16,-15 | + | 1 | 3 | 2 | + | |
| -18,-17 | 1 | 2 | 4 | 3 | + | |
| -20,-19 | 1 | 1 | 5 | 3 | + | |
| -22,-21 | 1 | 2 | 5 | 4 | + | |
| -24,-23 | + | 1 | 5 | 4 | + | |
| -26,-25 | + | + | 3 | 3 | + | |
| ≤-29 | + | + | 4 | 3 | + | |

Kotzebue

| 21265 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 1 | 5 | 6 | 2 | + | |
| -12,-11 | 1 | 3 | 3 | 1 | + | |
| -14,-13 | 1 | 3 | 2 | + | + | |
| -16,-15 | 1 | 5 | 3 | 1 | + | |
| -18,-17 | 1 | 5 | 3 | 1 | + | |
| -20,-19 | 1 | 5 | 3 | 1 | + | |
| -22,-21 | 1 | 3 | 2 | 1 | + | |
| -24,-23 | 1 | 5 | 3 | 1 | + | |
| -26,-25 | 1 | 3 | 2 | + | 0 | |
| -28,-27 | 1 | 4 | 2 | + | + | |
| ≤-29 | 3 | 9 | 2 | + | + | |

Cape Lisburne

| 19118 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 5 | 6 | 3 | + | |
| -12,-11 | 1 | 2 | 1 | 1 | + | |
| -14,-13 | 1 | 3 | 1 | + | + | |
| -16,-15 | 2 | 2 | 1 | + | + | |
| -18,-17 | 3 | 5 | 2 | + | + | |
| -20,-19 | 2 | 5 | 2 | + | + | |
| -22,-21 | 3 | 5 | 3 | + | + | |
| -24,-23 | 2 | 6 | 3 | + | 0 | |
| -26,-25 | 2 | 5 | 3 | + | 0 | |
| ≤-29 | 2 | 3 | 2 | + | + | |

Point Lay

| 3158 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 5 | 6 | 3 | + | |
| -12,-11 | 1 | 2 | 1 | 1 | + | |
| -14,-13 | 1 | 3 | 1 | + | + | |
| -16,-15 | 1 | 4 | 2 | + | + | |
| -18,-17 | 1 | 4 | 3 | + | + | |
| -20,-19 | 2 | 4 | 3 | + | + | |
| -22,-21 | 1 | 4 | 3 | + | + | |
| -24,-23 | 1 | 4 | 3 | + | + | |
| -26,-25 | 1 | 3 | 2 | + | + | |
| -28,-27 | 1 | 3 | 2 | + | + | |
| ≤-29 | 2 | 6 | 3 | + | + | |

Barrow

| 18230 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 1 | 6 | 6 | + | 0 | |
| -12,-11 | + | 2 | 2 | + | 0 | |
| -14,-13 | + | 4 | 4 | + | 0 | |
| -16,-15 | + | 4 | 3 | + | + | |
| -18,-17 | 1 | 5 | 4 | + | + | |
| -20,-19 | 1 | 7 | 4 | + | 0 | |
| -22,-21 | 1 | 6 | 3 | + | 0 | |
| -24,-23 | 1 | 7 | 4 | + | 0 | |
| -26,-25 | 1 | 5 | 2 | + | 0 | |
| -28,-27 | 1 | 6 | 1 | + | 0 | |
| ≤-29 | + | 6 | 1 | + | 0 | |

Lonely

| 3311 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 6 | 3 | 1 | + | |
| -12,-11 | 1 | 2 | 1 | + | + | |
| -14,-13 | 2 | 4 | 2 | 1 | + | |
| -16,-15 | 1 | 4 | 2 | + | + | |
| -18,-17 | 1 | 5 | 2 | 1 | + | |
| -20,-19 | 2 | 6 | 2 | + | + | |
| -22,-21 | 2 | 5 | 2 | 1 | + | |
| -24,-23 | 2 | 6 | 3 | + | 0 | |
| -26,-25 | 2 | 4 | 1 | + | + | |
| -28,-27 | 2 | 4 | 1 | + | + | |
| ≤-29 | 3 | 8 | 1 | + | 0 | |

Oliktok

| 3205 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 5 | 4 | 1 | + | |
| -12,-11 | 1 | 2 | 1 | + | 0 | |
| -14,-13 | 1 | 3 | 2 | 1 | 0 | |
| -16,-15 | 1 | 3 | 2 | + | 0 | |
| -18,-17 | 2 | 5 | 2 | + | + | |
| -20,-19 | 2 | 5 | 3 | + | 0 | |
| -22,-21 | 1 | 5 | 3 | 1 | + | |
| -24,-23 | 2 | 5 | 3 | + | 0 | |
| -26,-25 | 2 | 4 | 2 | + | + | |
| -28,-27 | 1 | 5 | 2 | + | + | |
| ≤-29 | 2 | 8 | 2 | + | 0 | |

Barter

| 18134 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 4 | 2 | 2 | 1 | |
| -12,-11 | 2 | 2 | 2 | + | + | |
| -14,-13 | 1 | 2 | 2 | + | 0 | |
| -16,-15 | 1 | 3 | 2 | + | 0 | |
| -18,-17 | 1 | 5 | 4 | + | + | |
| -20,-19 | 1 | 4 | 3 | + | + | |
| -22,-21 | 1 | 4 | 3 | + | + | |
| -24,-23 | 1 | 5 | 3 | + | + | |
| -26,-25 | 1 | 3 | 2 | + | + | |
| -28,-27 | 1 | 4 | 2 | + | + | |
| ≤-29 | + | 4 | 2 | + | + | |

Tuktoyaktuk

| 3153 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 1 | 7 | 5 | + | + | |
| -12,-11 | 1 | 4 | 2 | + | + | |
| -14,-13 | + | 2 | 2 | + | 0 | |
| -16,-15 | 1 | 4 | 4 | + | 0 | |
| -18,-17 | 1 | 4 | 2 | + | 0 | |
| -20,-19 | 1 | 5 | 4 | + | 0 | |
| -22,-21 | 1 | 6 | 3 | + | 0 | |
| -24,-23 | 1 | 4 | 2 | + | 0 | |
| -26,-25 | 2 | 5 | 2 | + | 0 | |
| -28,-27 | 1 | 3 | 1 | + | 0 | |
| ≤-29 | 3 | 9 | 2 | + | 0 | |

Cape Parry

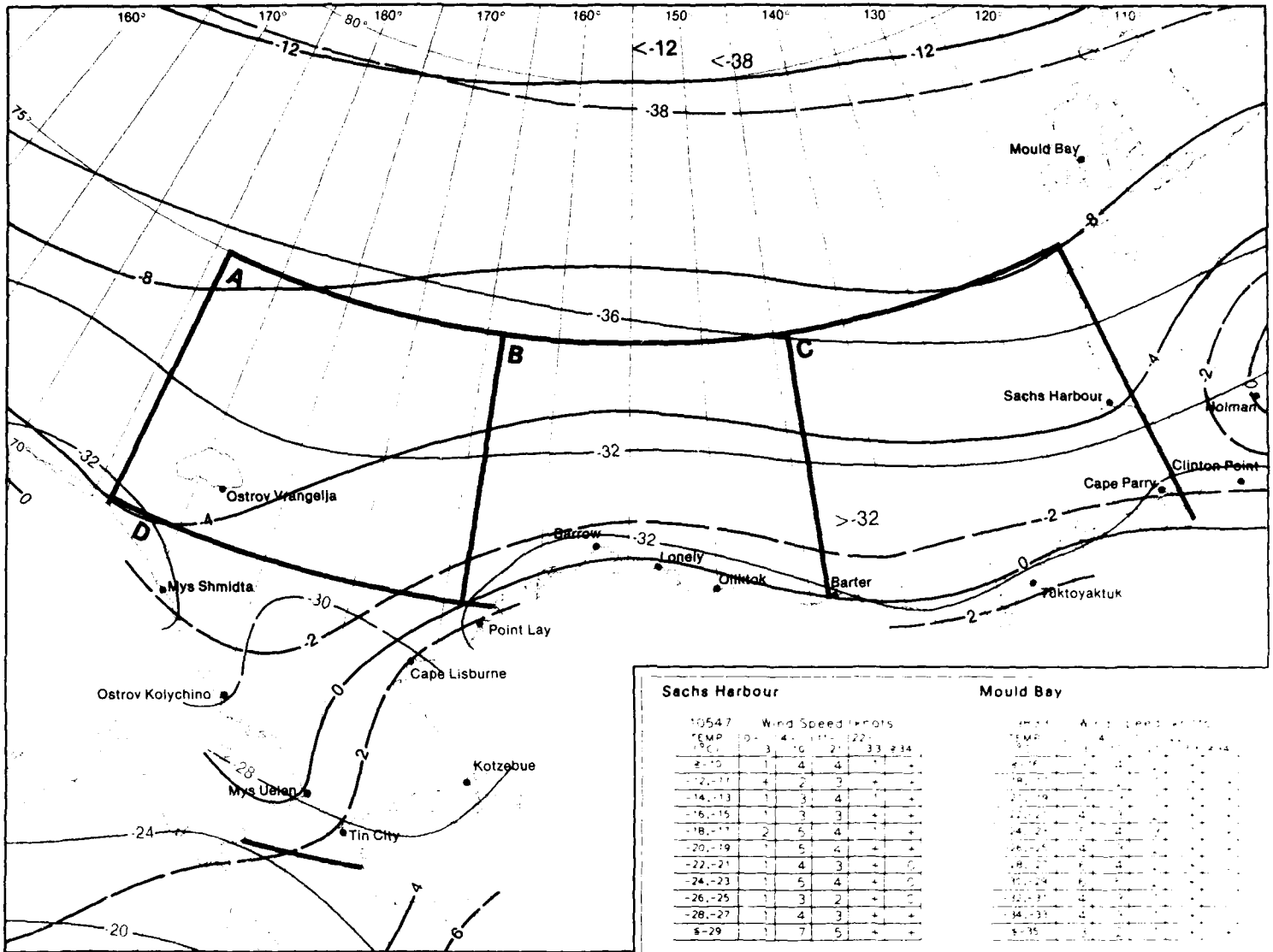
| 19195 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 5 | 6 | 1 | + | |
| -12,-11 | 1 | 2 | 2 | + | + | |
| -14,-13 | 1 | 2 | 3 | 1 | + | |
| -16,-15 | 1 | 2 | 3 | 1 | + | |
| -18,-17 | 2 | 3 | 5 | 1 | + | |
| -20,-19 | 2 | 4 | 4 | 1 | + | |
| -22,-21 | 2 | 3 | 3 | 1 | + | |
| -24,-23 | 3 | 4 | 3 | + | 0 | |
| -26,-25 | 2 | 3 | 2 | + | + | |
| -28,-27 | 2 | 3 | 2 | + | + | |
| ≤-29 | 3 | 4 | 2 | + | + | |

Clinton Point

| 4456 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -10 | 2 | 9 | 5 | + | 0 | |
| -12,-11 | 1 | 3 | 1 | + | 0 | |
| -14,-13 | 1 | 3 | 2 | + | 0 | |
| -16,-15 | 1 | 4 | 2 | + | 0 | |
| -18,-17 | 1 | 5 | 4 | + | 0 | |
| -20,-19 | 1 | 5 | 4 | + | 0 | |
| -22,-21 | 1 | 4 | 3 | + | 0 | |
| -24,-23 | 2 | 5 | 2 | + | 0 | |
| -26,-25 | 1 | 4 | 1 | + | 0 | |
| -28,-27 | 2 | 4 | 1 | + | 0 | |
| ≤-29 | 3 | 8 | 1 | + | 0 | |

Holman

| 3106 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- |
| °C | 3 | 10 | 21 | 33 | 34 | |
| -8,-9 | 4 | 2 | 3 | + | + | |
| -10,-9 | 2 | 2 | 2 | + | + | |
| -12,-11 | 2 | 2 | 2 | + | + | |
| -14,-13 | 3 | 4 | 2 | + | + | |
| -16,-15 | 2 | 3 | 2 | + | + | |
| -18,-17 | 4 | 4 | 3 | + | + | |
| -20,-19 | 5 | 4 | 3 | + | + | |
| -22,-21 | 3 | 4 | 2 | + | + | |
| -24,-23 | 4 | 4 | 2 | + | + | |
| -26,-25 | 2 | 3 | 2 | + | + | |
| -28,-27 | 4 | 5 | 2 | + | + | |



Sachs Harbour

| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33 | 34 |
|--------------|----|----|-----|-----|-----|----|----|
| ±-10 | 1 | 4 | 4 | 1 | + | + | + |
| -12,-11 | + | 2 | 3 | + | + | + | + |
| -14,-13 | 1 | 3 | 4 | + | + | + | + |
| -16,-15 | 1 | 3 | 3 | + | + | + | + |
| -18,-17 | 2 | 5 | 4 | + | + | + | + |
| -20,-19 | 1 | 5 | 4 | + | + | + | + |
| -22,-21 | 1 | 4 | 3 | + | + | + | + |
| -24,-23 | 1 | 5 | 4 | + | + | + | + |
| -26,-25 | 1 | 3 | 2 | + | + | + | + |
| -28,-27 | 1 | 4 | 3 | + | + | + | + |
| ±-29 | 1 | 7 | 5 | + | + | + | + |

Mould Bay

| TEMP (°C) | 0- | 4- | 10- | 11- | 22- | 33 | 34 |
|--------------|----|----|-----|-----|-----|----|----|
| ±-10 | 1 | 4 | 4 | 1 | + | + | + |
| -12,-11 | + | 2 | 3 | + | + | + | + |
| -14,-13 | 1 | 3 | 4 | + | + | + | + |
| -16,-15 | 1 | 3 | 3 | + | + | + | + |
| -18,-17 | 2 | 5 | 4 | + | + | + | + |
| -20,-19 | 1 | 5 | 4 | + | + | + | + |
| -22,-21 | 1 | 4 | 3 | + | + | + | + |
| -24,-23 | 1 | 5 | 4 | + | + | + | + |
| -26,-25 | 1 | 3 | 2 | + | + | + | + |
| -28,-27 | 1 | 4 | 3 | + | + | + | + |
| ±-29 | 1 | 7 | 5 | + | + | + | + |

Marine Area A

| 279 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----------|-----------|-----------|----|--|
| TEMP (°C) | 0- 3 | 4- 10 | 11- 21 | 22- 33 | 34 | |
| ±-14 | 1 | 12 | 5 | 1 | 0 | |
| -16,-15 | + | 4 | 2 | 0 | 0 | |
| -18,-17 | 1 | 3 | 3 | 0 | 0 | |
| -20,-19 | + | 2 | + | 0 | 0 | |
| -22,-21 | 0 | 1 | 1 | 0 | 0 | |
| -24,-23 | 3 | 6 | 3 | 0 | 0 | |
| -26,-25 | 0 | 9 | 1 | 0 | 0 | |
| -28,-27 | 1 | 9 | 2 | 0 | 0 | |
| -30,-29 | 1 | 13 | 1 | 0 | 0 | |
| -32,-31 | + | 8 | 1 | 0 | 0 | |
| ±-33 | 1 | 5 | 0 | 0 | 0 | |

Marine Area B

| 192 | Wind Speed (knots) |
|--------------|---------------------|
| TEMP (°C) | 0- 4- 11- 22- 33 34 |
| ±-6 | 0 5 9 1 0 |
| -8,-7 | 1 1 3 0 0 |
| -10,-9 | 0 1 3 0 1 |
| -12,-11 | 0 1 6 1 0 |
| -14,-13 | 0 0 5 4 0 |
| -16,-15 | 0 1 5 4 0 |
| -18,-17 | 0 0 4 4 0 |
| -20,-19 | 1 4 7 4 1 |
| -22,-21 | 1 8 6 3 2 |
| -24,-23 | 0 4 3 1 3 |
| ±-25 | 0 1 0 0 0 |

Marine Area C

| 255 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|
| TEMP (°C) | 10- | 4- | 11- | 22- | 33 | ≥34 |
| ±6 | 2 | 1 | 4 | 1 | 0 | |
| -8,-7 | 2 | 2 | 3 | + | 0 | |
| -10,-9 | 1 | 8 | 4 | 0 | 0 | |
| -12,-11 | 1 | 4 | 5 | 1 | 0 | |
| -14,-13 | 1 | 3 | 3 | 1 | 0 | |
| -16,-15 | 1 | 4 | 4 | 1 | 0 | |
| -18,-17 | 2 | 4 | 3 | + | 1 | |
| -20,-19 | 2 | 3 | 3 | 2 | + | |
| -22,-21 | + | 4 | 2 | 2 | 1 | |
| -24,-23 | + | 3 | 2 | 3 | 0 | |
| ±-25 | 1 | 5 | 1 | 0 | | |

Marine Area D

| TEMP | 0 | 4 | 11 | 22 | 33 | 34 |
|---------|---|---|----|----|----|----|
| ±-6 | 2 | 1 | 4 | 1 | 0 | |
| -8,-7 | 2 | 2 | 3 | 1 | 0 | |
| -10,-9 | 1 | 8 | 4 | 0 | 0 | |
| -12,-11 | 1 | 4 | 5 | 1 | 0 | |
| -14,-13 | 1 | 3 | 3 | 1 | 0 | |
| -16,-15 | 1 | 4 | 4 | 1 | 0 | |
| -18,-17 | 2 | 4 | 3 | 1 | 1 | |
| ±-19 | 2 | 3 | 3 | 2 | 1 | |

7 Air Temperature Extremes

April

Ostrov Vrangolja

| 4241 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|-------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | 2 | 1 | 1 | + | + | + | + | + | 0 |
| 0,1 | 1 | 2 | + | + | + | + | + | + | + |
| -2,-1 | 2 | 6 | 2 | + | + | + | + | + | + |
| -4,-3 | 4 | 6 | 3 | 1 | + | + | + | + | + |
| -6,-5 | 3 | 7 | 4 | 1 | + | + | + | + | + |
| -8,-7 | 3 | 8 | 5 | 2 | 1 | + | + | + | + |
| -10,-9 | 3 | 4 | 3 | 1 | + | + | + | + | + |
| -12,-11 | 2 | 4 | 3 | 1 | + | + | + | + | + |
| -14,-13 | 2 | 2 | 2 | + | 0 | + | + | + | + |
| -16,-15 | 1 | 1 | 1 | + | + | + | + | + | + |
| -17 | 2 | 1 | + | + | + | + | + | + | + |

Mys Shmidt

| 4486 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|-------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | 2 | 3 | 1 | + | 0 | + | + | + | + |
| 0,1 | 1 | 2 | 1 | + | 0 | + | + | + | + |
| -2,-1 | 2 | 6 | 3 | + | + | + | + | + | + |
| -4,-3 | 2 | 8 | 5 | + | + | + | + | + | + |
| -6,-5 | 2 | 8 | 4 | 1 | 0 | + | + | + | + |
| -8,-7 | 2 | 7 | 4 | + | + | + | + | + | + |
| -10,-9 | 1 | 3 | 3 | 1 | + | + | + | + | + |
| -12,-11 | 2 | 4 | 3 | + | + | + | + | + | + |
| -14,-13 | 1 | 4 | 2 | + | + | + | + | + | + |
| -16,-15 | 1 | 2 | 1 | + | 0 | + | + | + | + |
| -17 | 2 | 2 | 1 | + | 0 | + | + | + | + |

Ostrov Kolychino

| 2906 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|-------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | 1 | 1 | + | 0 | 0 | + | + | + | + |
| 2,3 | 1 | 1 | 2 | + | 0 | + | + | + | + |
| 0,1 | + | 3 | 3 | + | 0 | + | + | + | + |
| -2,-1 | 1 | 7 | 4 | 1 | + | + | + | + | + |
| -4,-3 | 2 | 9 | 5 | 1 | + | + | + | + | + |
| -6,-5 | 2 | 9 | 5 | + | + | + | + | + | + |
| -8,-7 | 1 | 7 | 4 | 1 | + | + | + | + | + |
| -10,-9 | 1 | 4 | 2 | + | 0 | + | + | + | + |
| -12,-11 | 1 | 5 | 2 | + | 0 | + | + | + | + |
| -14,-13 | + | 5 | 3 | + | 0 | + | + | + | + |
| -15 | + | 4 | 2 | + | 0 | + | + | + | + |

Mys Uelen

| 4512 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|-------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | + | + | + | + | + | + | + | + | + |
| 2,3 | + | + | + | + | + | + | + | + | + |
| 0,1 | 3 | 4 | 3 | + | + | + | + | + | + |
| -2,-1 | 3 | 4 | 3 | + | + | + | + | + | + |
| -4,-3 | 2 | 3 | 2 | + | + | + | + | + | + |
| -6,-5 | 2 | 3 | 2 | + | + | + | + | + | + |
| -8,-7 | 2 | 3 | 2 | + | + | + | + | + | + |
| -10,-9 | 1 | 3 | 2 | + | + | + | + | + | + |
| -12,-11 | 1 | 2 | 1 | + | 0 | + | + | + | + |
| -14,-13 | 1 | 1 | 1 | + | 0 | + | + | + | + |
| -15 | 1 | 1 | 1 | + | 0 | + | + | + | + |

Tin City

| 20704 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|--------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | 1 | 1 | + | + | 0 | + | + | + | + |
| 4,5 | 1 | 1 | + | + | 0 | + | + | + | + |
| 2,3 | 1 | 2 | 3 | + | + | + | + | + | + |
| 0,1 | 2 | 5 | 3 | 2 | + | + | + | + | + |
| -2,-1 | 1 | 5 | 3 | + | + | + | + | + | + |
| -4,-3 | + | 4 | 3 | + | + | + | + | + | + |
| -6,-5 | + | 2 | 5 | 3 | + | + | + | + | + |
| -8,-7 | 1 | 3 | 2 | + | + | + | + | + | + |
| -10,-9 | + | 1 | 3 | + | 0 | + | + | + | + |
| -12,-11 | + | 1 | 2 | + | 0 | + | + | + | + |
| -13 | + | 1 | 2 | + | 0 | + | + | + | + |

Kotzebue

| 21217 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|--------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | + | 2 | 2 | + | 0 | + | + | + | + |
| 6,7 | + | 3 | 2 | + | 0 | + | + | + | + |
| 4,5 | 1 | 4 | 2 | + | 0 | + | + | + | + |
| 2,3 | 2 | 11 | 6 | + | 0 | + | + | + | + |
| 0,1 | 3 | 13 | 1 | 1 | + | + | + | + | + |
| -2,-1 | 1 | 7 | 4 | + | 0 | + | + | + | + |
| -4,-3 | 1 | 6 | 3 | + | 0 | + | + | + | + |
| -6,-5 | 1 | 3 | 1 | + | + | + | + | + | + |
| -8,-7 | 1 | 2 | 1 | + | 0 | + | + | + | + |
| -10,-9 | 1 | 2 | 1 | + | 0 | + | + | + | + |
| -11 | 2 | 2 | 1 | + | 0 | + | + | + | + |

Cape Lisburne

| 20422 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|--------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | 1 | 1 | + | + | + | + | + | + | + |
| 4,5 | 1 | 1 | + | + | + | + | + | + | + |
| 2,3 | 2 | 3 | 2 | 1 | + | + | + | + | + |
| 0,1 | 3 | 6 | 4 | 1 | + | + | + | + | + |
| -2,-1 | 3 | 8 | 4 | 1 | + | + | + | + | + |
| -4,-3 | 3 | 10 | 6 | 1 | + | + | + | + | + |
| -6,-5 | 2 | 6 | 4 | + | 0 | + | + | + | + |
| -8,-7 | 1 | 5 | 3 | + | + | + | + | + | + |
| -10,-9 | 1 | 3 | 2 | + | 0 | + | + | + | + |
| -12,-11 | 1 | 2 | 1 | + | 0 | + | + | + | + |
| -13 | 2 | 4 | 2 | + | 0 | + | + | + | + |

Point Lay

| 1181 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|-------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | + | + | + | + | + | + | + | + | + |
| 2,3 | + | + | + | + | + | + | + | + | + |
| 0,1 | + | + | + | + | + | + | + | + | + |
| -2,-1 | + | + | + | + | + | + | + | + | + |
| -4,-3 | + | + | + | + | + | + | + | + | + |
| -6,-5 | + | + | + | + | + | + | + | + | + |
| -8,-7 | + | + | + | + | + | + | + | + | + |
| -10,-9 | + | + | + | + | + | + | + | + | + |
| -12,-11 | + | + | + | + | + | + | + | + | + |
| -14,-13 | + | + | + | + | + | + | + | + | + |
| -14 | + | + | + | + | + | + | + | + | + |

Barrow

| 18417 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|--------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | + | + | + | + | + | + | + | + | + |
| 2,3 | + | + | + | + | + | + | + | + | + |
| 0,1 | + | + | + | + | + | + | + | + | + |
| -2,-1 | + | + | + | + | + | + | + | + | + |
| -4,-3 | + | + | + | + | + | + | + | + | + |
| -6,-5 | + | + | + | + | + | + | + | + | + |
| -8,-7 | + | + | + | + | + | + | + | + | + |
| -10,-9 | + | + | + | + | + | + | + | + | + |
| -12,-11 | + | + | + | + | + | + | + | + | + |
| -14,-13 | + | + | + | + | + | + | + | + | + |
| -16,-15 | + | + | + | + | + | + | + | + | + |
| -17 | + | + | + | + | + | + | + | + | + |

Lonely

| 11817 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|--------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | + | + | + | + | + | + | + | + | + |
| 2,3 | + | + | + | + | + | + | + | + | + |
| 0,1 | + | + | + | + | + | + | + | + | + |
| -2,-1 | + | + | + | + | + | + | + | + | + |
| -4,-3 | + | + | + | + | + | + | + | + | + |
| -6,-5 | + | + | + | + | + | + | + | + | + |
| -8,-7 | + | + | + | + | + | + | + | + | + |
| -10,-9 | + | + | + | + | + | + | + | + | + |
| -12,-11 | + | + | + | + | + | + | + | + | + |
| -14,-13 | + | + | + | + | + | + | + | + | + |
| -16,-15 | + | + | + | + | + | + | + | + | + |
| -17 | + | + | + | + | + | + | + | + | + |

Oliktok

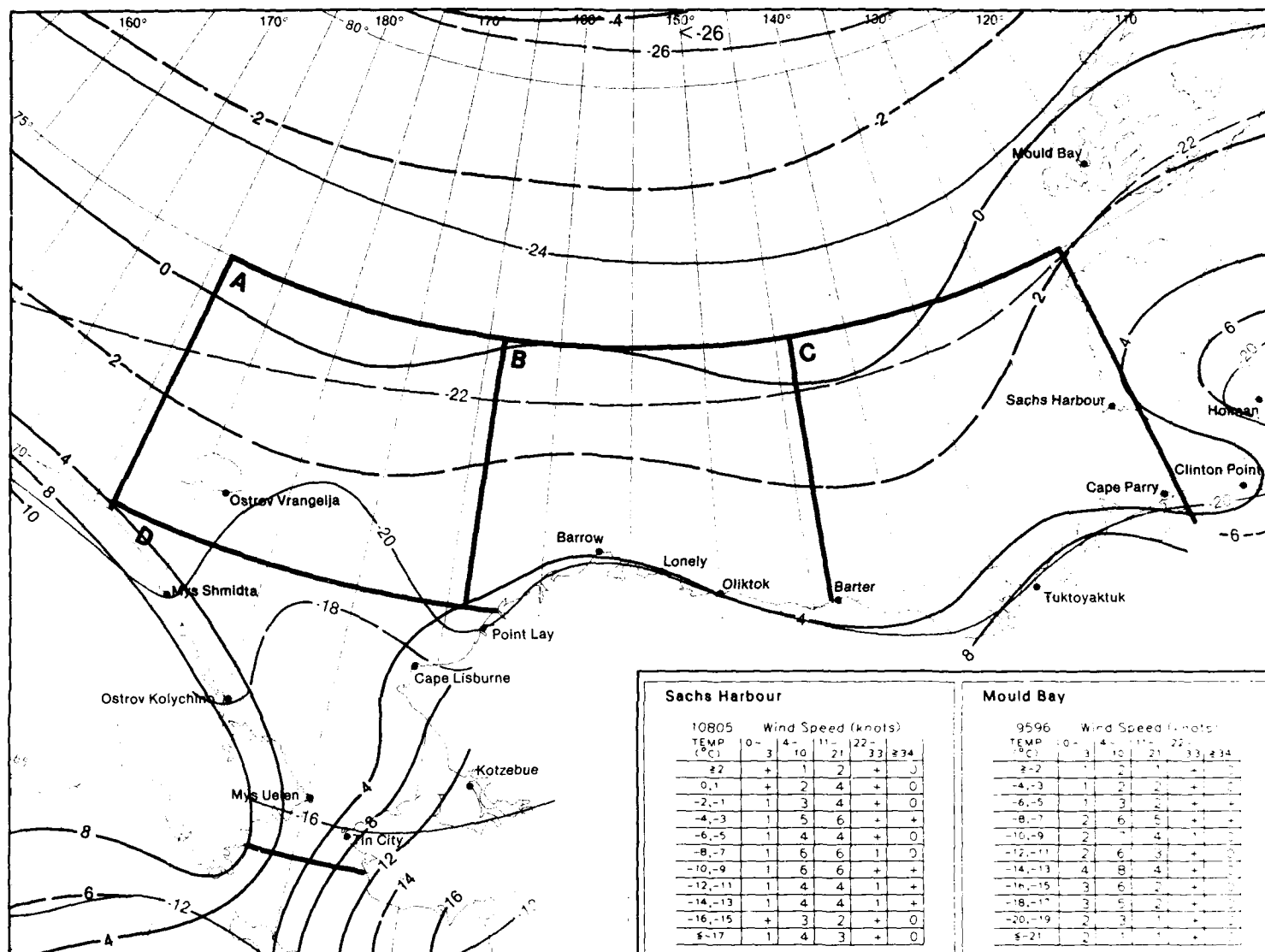
| 12017 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|--------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | + | + | + | + | + | + | + | + | + |
| 0,1 | + | + | + | + | + | + | + | + | + |
| -2,-1 | + | + | + | + | + | + | + | + | + |
| -4,-3 | + | + | + | + | + | + | + | + | + |
| -6,-5 | + | + | + | + | + | + | + | + | + |
| -8,-7 | + | + | + | + | + | + | + | + | + |
| -10,-9 | + | + | + | + | + | + | + | + | + |
| -12,-11 | + | + | + | + | + | + | + | + | + |
| -14,-13 | + | + | + | + | + | + | + | + | + |
| -16,-15 | + | + | + | + | + | + | + | + | + |
| -17 | + | + | + | + | + | + | + | + | + |

Barter

| 18017 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|--------------------------|------|-----|------|-------|-------|-------|------|-------|-------|
| TEMP | (°C) | 0-3 | 4-10 | 11-22 | 23-34 | 0-3 | 4-10 | 11-22 | 23-34 |
| 24 | + | + | + | + | + | + | + | + | + |
| 2,3 | + | + | + | + | + | + | + | + | + |
| 0,1 | + | + | + | + | + | + | + | + | + |
| -2,-1 | + | + | + | + | + | + | + | + | + |
| -4,-3 | + | + | + | + | + | + | + | + | + |
| -6,-5 | + | + | + | + | + | + | + | + | + |
| -8,-7 | + | + | + | + | + | + | + | + | + |
| -10,-9 | + | + | + | + | + | + | + | + | + |
| -12,-11 | + | + | + | + | + | + | + | + | + |
| -14,-13 | + | + | + | + | + | + | + | + | + |
| -16,-15 | + | + | + | + | + | + | + | + | + |
| -17 | + | + | + | + | + | + | + | + | + |

Tuktoyaktuk

| 13113 Wind Speed (knots) | | 0-3 | | 4-10 | | 11-22 | | 23-34 | |
|--------------------------|--|-----|--|------|--|-------|--|-------|--|
|--------------------------|--|-----|--|------|--|-------|--|-------|--|



Sachs Harbour

| 10805 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -2 | + 1 2 + 0 |
| 0, 1 | + 2 4 + 0 |
| -2, -1 | 1 3 4 + 0 |
| -4, -3 | 1 5 6 + + |
| -6, -5 | 1 4 4 + 0 |
| -8, -7 | 1 6 6 1 0 |
| -10, -9 | 1 6 6 + + |
| -12, -11 | 1 4 4 1 + |
| -14, -13 | 1 4 4 1 + |
| -16, -15 | + 3 2 + 0 |
| -17 | 1 4 3 + 0 |

Mould Bay

| 9596 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -2 | 1 2 1 + + |
| -4, -3 | 1 2 2 + + |
| -6, -5 | 1 3 2 + + |
| -8, -7 | 2 6 5 + + |
| -10, -9 | 2 4 4 1 + |
| -12, -11 | 2 6 3 + + |
| -14, -13 | 4 8 4 + + |
| -16, -15 | 3 6 2 + + |
| -18, -17 | 3 5 2 + + |
| -20, -19 | 2 3 1 + + |
| -21 | 2 1 1 + + |

Marine Area A

| 182 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -2 | 0 3 2 1 0 |
| -4, -3 | 1 4 2 0 0 |
| -6, -5 | 0 4 4 0 0 |
| -8, -7 | 2 5 9 0 0 |
| -10, -9 | 1 6 8 0 0 |
| -12, -11 | 0 5 7 2 0 |
| -14, -13 | 1 5 5 1 0 |
| -16, -15 | 1 3 3 0 0 |
| -18, -17 | 0 4 3 0 0 |
| -20, -19 | 0 6 1 0 0 |
| -21 | 0 3 0 0 0 |

Marine Area B

| 34 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -20 | 0 0 0 0 0 |
| -2, -1 | 0 0 3 0 0 |
| -4, -3 | 0 6 0 0 0 |
| -6, -5 | 0 9 3 6 0 |
| -8, -7 | 6 6 3 0 0 |
| -10, -9 | 3 0 6 6 3 |
| -12, -11 | 0 0 9 0 0 |
| -14, -13 | 3 9 12 0 0 |
| -16, -15 | 0 3 6 0 0 |
| -18, -17 | 0 0 0 0 0 |
| -19 | 0 0 0 0 0 |

Marine Area C

| 424 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -24 | 1 + 0 0 0 |
| -2, 3 | 1 3 2 0 0 |
| 0, 1 | 1 4 1 1 0 |
| -2, -1 | 2 6 5 + 0 |
| -4, -3 | + 3 6 + 0 |
| -6, -5 | 1 5 3 0 0 |
| -8, -7 | 1 4 4 + + |
| -10, -9 | 3 8 4 1 1 |
| -12, -11 | 1 8 6 + 0 |
| -14, -13 | 1 5 3 + 0 |
| -15 | + 1 2 0 0 |

Marine Area D

| 167 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -28 | 0 0 0 0 0 |
| -6, 7 | 0 0 0 0 0 |
| -4, 5 | 0 0 0 0 0 |
| -2, 3 | 0 5 5 0 0 |
| 0, 1 | 6 14 11 2 |
| -2, -1 | 1 1 13 1 |
| -4, -3 | 1 4 7 5 2 |
| -6, -5 | 1 5 2 0 0 |
| -8, -7 | 0 1 2 0 0 |
| -10, -9 | 0 1 0 0 0 |
| -11 | 0 2 1 0 0 |

7 Air Temperature Extremes

May

Ostrov Vrangolja

| 4288 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥10 | + | + | 0 | + | 0 | 0 |
| 8,9 | 0 | + | 0 | 0 | 0 | 0 |
| 6,7 | + | + | + | + | + | 0 |
| 4,5 | 1 | 2 | 1 | + | + | + |
| 2,3 | 6 | 12 | 4 | + | + | + |
| 0,1 | 7 | 17 | 5 | 1 | + | + |
| -2,-1 | 7 | 14 | 5 | + | + | + |
| -4,-3 | 3 | 6 | 2 | + | + | + |
| -6,-5 | 1 | 2 | 1 | + | + | + |
| -8,-7 | + | + | + | + | + | + |
| ≤-9 | 0 | + | + | 0 | 0 | 0 |

Mys Shmidt

| 4502 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥10 | 1 | 2 | 1 | 0 | 0 | 0 |
| 8,9 | 1 | 1 | 1 | + | + | + |
| 6,7 | 1 | 2 | 1 | + | + | 0 |
| 4,5 | 1 | 5 | 2 | + | + | 0 |
| 2,3 | 3 | 13 | 6 | 1 | + | + |
| 0,1 | 2 | 17 | 5 | + | + | + |
| -2,-1 | 3 | 15 | 4 | + | + | + |
| -4,-3 | 1 | 5 | 1 | + | + | + |
| -6,-5 | + | 2 | 1 | + | + | + |
| -8,-7 | + | + | + | + | + | + |
| ≤-9 | 0 | 0 | 0 | + | 0 | 0 |

Ostrov Kolychino

| 2764 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥10 | + | 1 | 2 | 0 | 0 | 0 |
| 8,9 | + | 1 | 2 | + | 0 | 0 |
| 6,7 | 1 | 2 | 3 | + | 0 | 0 |
| 4,5 | 1 | 4 | 5 | 1 | 0 | 0 |
| 2,3 | 2 | 9 | 8 | 1 | 0 | 0 |
| 0,1 | 3 | 12 | 6 | + | 0 | 0 |
| -2,-1 | 2 | 14 | 5 | + | 0 | 0 |
| -4,-3 | 1 | 5 | 2 | + | + | + |
| -6,-5 | 1 | 2 | 1 | + | + | + |
| -8,-7 | 0 | 1 | + | 0 | 0 | 0 |
| ≤-9 | 0 | + | + | 0 | 0 | 0 |

Mys Uelen

| 4479 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥12 | + | + | + | + | 0 | 0 |
| 10,11 | + | + | + | + | 0 | 0 |
| 8,9 | + | 1 | 1 | 0 | 0 | 0 |
| 6,7 | 1 | 2 | 2 | 1 | 0 | 0 |
| 4,5 | 2 | 4 | 4 | 1 | + | + |
| 2,3 | 6 | 12 | 8 | 3 | + | + |
| 0,1 | 5 | 10 | 7 | 2 | + | + |
| -2,-1 | 3 | 9 | 6 | 1 | + | + |
| -4,-3 | 1 | 2 | 2 | + | + | + |
| -6,-5 | + | + | + | + | + | + |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | 0 |

Tin City

| 19939 | Wind Speed (knots) | | | | | |
|--------------|--------------------|---|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥12 | 1 | 1 | + | + | + | 0 |
| 10,11 | 1 | 2 | 1 | + | + | 0 |
| 8,9 | 1 | 2 | 2 | + | + | 0 |
| 6,7 | 2 | 5 | 4 | + | + | + |
| 4,5 | 2 | 5 | 5 | 1 | + | + |
| 2,3 | 2 | 8 | 11 | 2 | 0 | 0 |
| 0,1 | 2 | 9 | 14 | 3 | + | + |
| -2,-1 | 1 | 4 | 6 | 1 | + | + |
| -4,-3 | + | 1 | 2 | 1 | 0 | 0 |
| -6,-5 | + | + | + | + | + | 0 |
| ≤-7 | 0 | + | 0 | 0 | 0 | 0 |

Kotzebue

| 20512 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥16 | + | 2 | 1 | + | + | 0 |
| 14,15 | + | 2 | 1 | + | + | 0 |
| 12,13 | + | 4 | 2 | + | + | 0 |
| 10,11 | 1 | 6 | 4 | + | + | 0 |
| 8,9 | 1 | 5 | 4 | + | + | 0 |
| 6,7 | 1 | 8 | 6 | + | + | 0 |
| 4,5 | 1 | 7 | 5 | + | + | 0 |
| 2,3 | 1 | 10 | 7 | 1 | 0 | 0 |
| 0,1 | 1 | 7 | 7 | 1 | + | + |
| -2,-1 | + | 1 | 2 | + | 0 | 0 |
| ≤-3 | + | + | + | + | + | 0 |

Cape Lisburne

| 19396 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥12 | + | 1 | 1 | + | + | + |
| 10,11 | 1 | 1 | 1 | 1 | + | + |
| 8,9 | 1 | 2 | 2 | 1 | + | + |
| 6,7 | 4 | 4 | 2 | 1 | + | + |
| 4,5 | 4 | 5 | 2 | 1 | + | + |
| 2,3 | 8 | 11 | 3 | 1 | + | + |
| 0,1 | 8 | 15 | 5 | + | + | + |
| -2,-1 | 2 | 7 | 2 | + | + | + |
| -4,-3 | 1 | 1 | 1 | + | + | + |
| -6,-5 | + | + | + | 0 | 0 | 0 |
| ≤-7 | + | + | + | 0 | 0 | 0 |

Point Lay

| 3124 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥14 | + | 2 | 1 | + | + | 0 |
| 12,13 | 1 | 2 | 1 | + | + | 0 |
| 10,11 | 1 | 4 | 1 | + | + | 0 |
| 8,9 | 1 | 5 | 2 | + | + | 0 |
| 6,7 | 2 | 7 | 2 | + | + | + |
| 4,5 | 2 | 8 | 2 | + | + | + |
| 2,3 | 3 | 12 | 5 | 1 | + | + |
| 0,1 | 3 | 12 | 5 | 1 | + | + |
| -2,-1 | 1 | 4 | 2 | + | + | 0 |
| -4,-3 | + | 1 | 1 | + | + | + |
| ≤-5 | + | 1 | + | 0 | 0 | 0 |

Barrow

| 17498 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥10 | + | 1 | 1 | 0 | 0 | 0 |
| 8,9 | + | 1 | 1 | + | + | 0 |
| 6,7 | + | 2 | 1 | + | + | 0 |
| 4,5 | + | 3 | 2 | + | + | 0 |
| 2,3 | 1 | 8 | 6 | + | + | 0 |
| 0,1 | 1 | 23 | 15 | + | + | 0 |
| -2,-1 | 1 | 12 | 9 | + | + | + |
| -4,-3 | + | 5 | 5 | + | + | 0 |
| -6,-5 | + | 1 | 1 | + | + | 0 |
| -8,-7 | + | + | + | + | + | 0 |
| ≤-9 | + | + | + | + | + | 0 |

Lonely

| 3194 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥10 | 1 | 2 | + | + | + | 0 |
| 8,9 | + | 1 | + | 0 | 0 | 0 |
| 6,7 | 1 | 3 | 1 | + | + | 0 |
| 4,5 | 1 | 5 | 2 | + | + | 0 |
| 2,3 | 3 | 12 | 4 | + | + | 0 |
| 0,1 | 5 | 22 | 9 | 1 | 0 | 0 |
| -2,-1 | 2 | 9 | 4 | 1 | 0 | 0 |
| -4,-3 | + | 3 | 2 | + | 0 | 0 |
| -6,-5 | + | 1 | 1 | + | 0 | 0 |
| -8,-7 | + | 1 | + | 0 | 0 | 0 |
| ≤-9 | + | + | 0 | 0 | 0 | 0 |

Oliktok

| 3131 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥10 | 1 | 1 | + | 0 | 0 | 0 |
| 8,9 | 1 | 1 | + | 0 | 0 | 0 |
| 6,7 | 1 | 3 | 1 | + | 0 | 0 |
| 4,5 | 2 | 5 | 2 | + | 0 | 0 |
| 2,3 | 3 | 13 | 7 | + | 0 | 0 |
| 0,1 | 5 | 19 | 11 | 1 | + | + |
| -2,-1 | 1 | 8 | 5 | + | + | + |
| -4,-3 | 1 | 2 | 2 | + | + | + |
| -6,-5 | + | 1 | 1 | + | 0 | 0 |
| -8,-7 | + | 1 | + | + | 0 | 0 |
| ≤-9 | 0 | + | 0 | 0 | 0 | 0 |

Barter

| 17622 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥10 | + | 1 | + | + | + | 0 |
| 8,9 | + | 1 | + | + | + | 0 |
| 6,7 | + | 2 | 1 | + | + | 0 |
| 4,5 | 1 | 3 | 2 | + | + | 0 |
| 2,3 | 1 | 11 | 7 | + | + | 0 |
| 0,1 | 3 | 25 | 16 | 1 | + | + |
| -2,-1 | 1 | 8 | 8 | 1 | + | + |
| -4,-3 | + | 3 | 3 | + | + | 0 |
| -6,-5 | + | + | 1 | + | + | 0 |
| -8,-7 | + | + | + | + | + | 0 |
| ≤-9 | 0 | + | + | + | + | 0 |

Tuktoyaktuk

| 3111 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥14 | + | 5 | 2 | 0 | 0 | 0 |
| 12,13 | + | 2 | 2 | 0 | 0 | 0 |
| 10,11 | + | 4 | 2 | + | + | 0 |
| 8,9 | + | 3 | 3 | + | + | 0 |
| 6,7 | 1 | 6 | 4 | + | + | 0 |
| 4,5 | 1 | 6 | 3 | + | + | 0 |
| 2,3 | 1 | 11 | 7 | + | + | 0 |
| 0,1 | 1 | 14 | 7 | + | + | 0 |
| -2,-1 | + | 5 | 2 | + | + | 0 |
| -4,-3 | + | 3 | 1 | 0 | 0 | 0 |
| ≤-5 | + | 1 | + | 0 | 0 | 0 |

Cape Perry

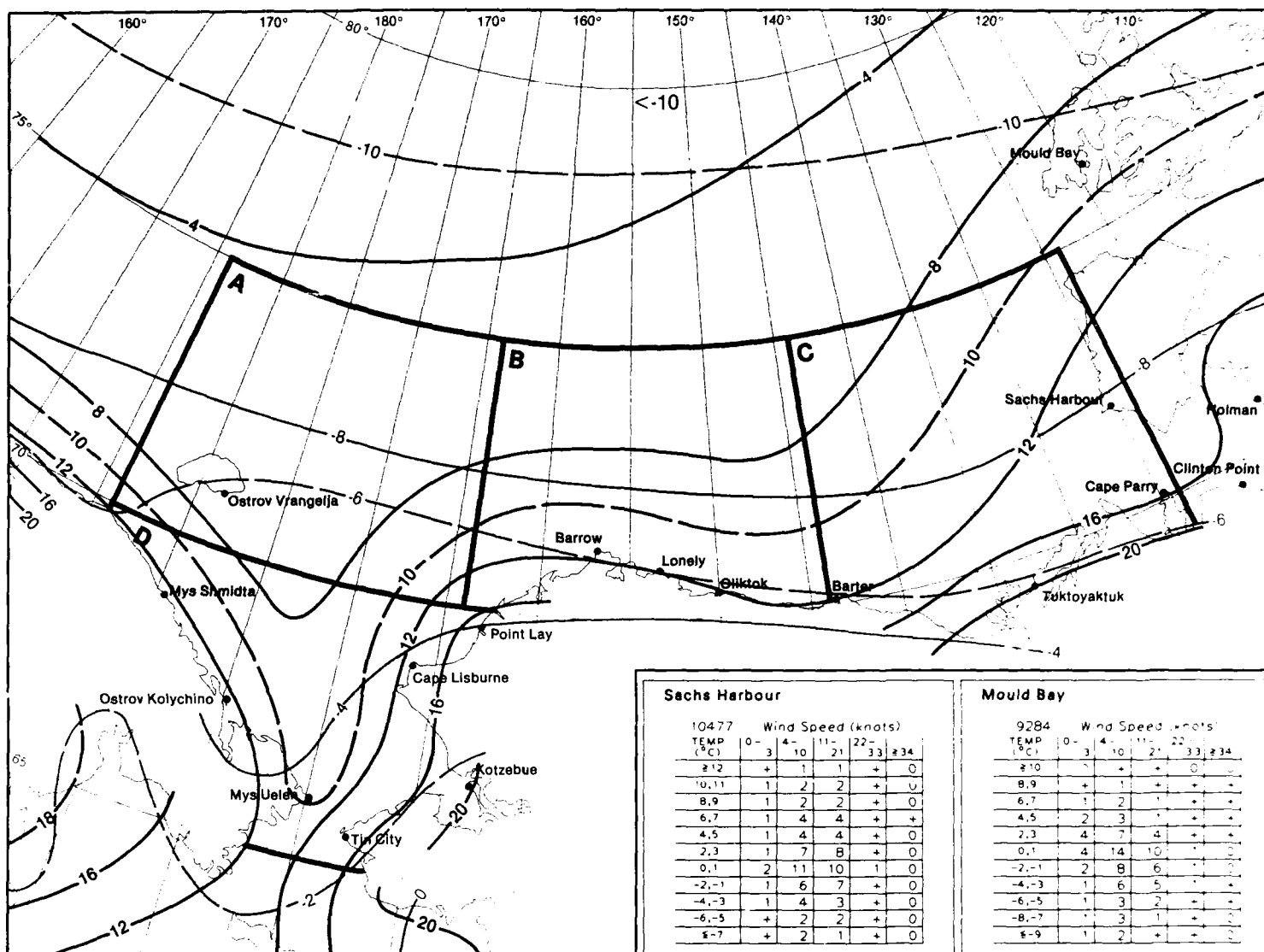
| 18718 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥10 | 1 | 1 | 1 | + | + | 0 |
| 8,9 | 1 | 1 | 1 | + | + | 0 |
| 6,7 | 1 | 2 | 2 | + | + | 0 |
| 4,5 | 1 | 4 | 4 | + | + | 0 |
| 2,3 | 2 | 9 | 10 | 1 | 0 | 0 |
| 0,1 | 3 | 13 | 15 | 2 | + | + |
| -2,-1 | 1 | 7 | 6 | + | + | 0 |
| -4,-3 | 1 | 3 | 3 | 1 | + | + |
| -6,-5 | + | 1 | 1 | + | + | + |
| -8,-7 | + | + | 1 | + | + | 0 |
| ≤-9 | + | + | + | + | + | 0 |

Clinton Point

| 4450 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥12 | + | 2 | 1 | + | + | 0 |
| 10,11 | + | 2 | 1 | 0 | 0 | 0 |
| 8,9 | + | 2 | 1 | 0 | 0 | 0 |
| 6,7 | 1 | 4 | 1 | + | 0 | 0 |
| 4,5 | 1 | 6 | 2 | + | 0 | 0 |
| 2,3 | 3 | 14 | 6 | + | 0 | 0 |
| 0,1 | 5 | 18 | 7 | 1 | 0 | 0 |
| -2,-1 | 2 | 7 | 2 | + | 0 | 0 |
| -4,-3 | 1 | 3 | 2 | 0 | 0 | 0 |
| -6,-5 | + | 2 | 1 | 0 | 0 | 0 |
| ≤-7 | 1 | 2 | 1 | 0 | 0 | 0 |

Holman

| 3110 | Wind Speed (knots) | | | | | |
|--------------|--------------------|----|----|----|----|-----------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- 33 34 |
| ≥12 | 1 | 2 | 1 | + | + | 0 |
| 10,11 | 2 | 1 | 1 | + | + | 0 |
| 8,9 | 2 | 2 | 1 | + | + | 0 |
| 6,7 | 2 | 5 | 2 | + | + | 0 |
| 4,5 | 2 | 5 | 2 | + | + | 0 |
| 2,3 | 4 | 9 | 6 | + | + | 0 |
| 0,1 | 6 | 13 | 6 | + | + | 0 |
| -2,-1 | 1 | 6 | 2 | + | + | 0 |
| -4,-3 | 2 | 3 | 1 | + | + | 0 |
| -6,-5 | 1 | 1 | + | + | + | 0 |
| ≤-7 | + | + | + | + | + | 0 |



Sachs Harbour

| 10477 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥12 | + | 1 | 1 | + | 0 | | |
| 10,11 | 1 | 2 | 2 | + | 0 | | |
| 8,9 | 1 | 2 | 2 | + | 0 | | |
| 6,7 | 1 | 4 | 4 | + | + | | |
| 4,5 | 1 | 4 | 4 | + | 0 | | |
| 2,3 | 1 | 7 | 8 | + | 0 | | |
| 0,1 | 2 | 11 | 10 | 1 | 0 | | |
| -2,-1 | 1 | 6 | 7 | + | 0 | | |
| -4,-3 | 1 | 4 | 3 | + | 0 | | |
| -6,-5 | + | 2 | 2 | + | 0 | | |
| ≤-7 | + | 2 | 1 | + | 0 | | |

Mould Bay

| 9284 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥10 | + | + | + | + | 0 | | |
| 8,9 | + | 1 | + | + | + | | |
| 6,7 | 1 | 2 | 1 | + | + | | |
| 4,5 | 2 | 3 | 1 | + | + | | |
| 2,3 | 4 | 7 | 4 | + | + | | |
| 0,1 | 4 | 14 | 10 | + | + | | |
| -2,-1 | 2 | 8 | 6 | + | + | | |
| -4,-3 | 1 | 6 | 5 | + | + | | |
| -6,-5 | 1 | 3 | 2 | + | + | | |
| -8,-7 | + | 3 | 1 | + | + | | |
| ≤-9 | 1 | 2 | + | + | + | | |

Marine Area A

| 100 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥10 | 0 | 0 | 0 | 0 | 0 | | |
| 8,9 | 0 | 1 | 1 | 0 | 0 | | |
| 6,7 | 1 | 3 | 0 | 0 | 0 | | |
| 4,5 | 1 | 3 | 2 | 0 | 0 | | |
| 2,3 | 0 | 2 | 11 | 0 | 0 | | |
| 0,1 | 1 | 17 | 13 | 1 | 1 | | |
| -2,-1 | 1 | 18 | 4 | 1 | 0 | | |
| -4,-3 | 3 | 9 | 0 | 2 | 0 | | |
| -6,-5 | 1 | 2 | 1 | 0 | 0 | | |
| -8,-7 | 0 | 0 | 0 | 0 | 0 | | |
| ≤-9 | 0 | 0 | 0 | 0 | 0 | | |

Marine Area B

No Data Available

Marine Area C

| 623 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥14 | + | 2 | 2 | 0 | 0 | | |
| 12,13 | + | 1 | 1 | 0 | 0 | | |
| 10,11 | + | 3 | 2 | + | 0 | | |
| 8,9 | 1 | 2 | 3 | + | 0 | | |
| 6,7 | 1 | 4 | 6 | + | 0 | | |
| 4,5 | 2 | 7 | 10 | 1 | 0 | | |
| 2,3 | 1 | 8 | 12 | 4 | 0 | | |
| 0,1 | + | 8 | 11 | 1 | + | | |
| -2,-1 | 0 | 3 | 2 | 0 | 0 | | |
| -4,-3 | + | + | 1 | 0 | 0 | | |
| ≤-5 | 0 | + | 0 | 0 | 0 | | |

Marine Area D

| 514 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥14 | 0 | + | + | 0 | 0 | | |
| 12,13 | 0 | + | 0 | + | 0 | | |
| 10,11 | + | 2 | + | 0 | + | | |
| 8,9 | 1 | 3 | 2 | + | 0 | | |
| 6,7 | 3 | 6 | 4 | + | 0 | | |
| 4,5 | 3 | 13 | 8 | + | 0 | | |
| 2,3 | 3 | 13 | 11 | 2 | + | | |
| 0,1 | 1 | 9 | 7 | 2 | 0 | | |
| -2,-1 | + | 1 | 1 | 1 | 0 | | |
| -4,-3 | 0 | 0 | + | 0 | 0 | | |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | | |

7 Air Temperature Extremes

June

Ostrov Vrangeliya

| 4253 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥12 | 0 | + | + | + | + | 0 | 0 |
| 10,11 | + | + | + | + | 0 | 0 | 0 |
| 8,9 | + | 1 | 1 | + | 0 | 0 | 0 |
| 6,7 | 1 | 2 | 1 | + | 0 | 0 | 0 |
| 4,5 | 2 | 7 | 4 | + | 0 | 0 | 0 |
| 2,3 | 8 | 21 | 9 | 1 | + | 0 | 0 |
| 0,1 | 9 | 14 | 5 | + | + | 0 | 0 |
| -2,-1 | 5 | 6 | 2 | + | 0 | 0 | 0 |
| -4,-3 | + | 1 | + | + | 0 | 0 | 0 |
| -6,-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Mys Shmidt

| 4499 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥14 | 1 | 2 | 1 | + | 0 | 0 | 0 |
| 12,13 | 1 | 2 | 1 | + | 0 | 0 | 0 |
| 10,11 | + | 1 | 1 | + | 0 | 0 | 0 |
| 8,9 | 1 | 2 | 1 | + | 0 | 0 | 0 |
| 6,7 | 1 | 5 | 2 | + | 0 | 0 | 0 |
| 4,5 | 2 | 9 | 3 | + | 0 | 0 | 0 |
| 2,3 | 4 | 23 | 9 | 1 | 0 | 0 | 0 |
| 0,1 | 2 | 12 | 6 | 1 | 0 | 0 | 0 |
| -2,-1 | 1 | 3 | 2 | + | 0 | 0 | 0 |
| -4,-3 | + | + | 0 | 0 | 0 | 0 | 0 |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Ostrov Kolychino

| 2581 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥14 | + | 1 | 2 | + | + | 0 | 0 |
| 12,13 | 1 | 2 | 2 | + | 0 | 0 | 0 |
| 10,11 | + | 2 | 3 | 1 | + | 0 | 0 |
| 8,9 | 1 | 3 | 6 | 1 | 0 | 0 | 0 |
| 6,7 | 1 | 4 | 6 | 2 | 0 | 0 | 0 |
| 4,5 | 2 | 6 | 6 | 1 | + | 0 | 0 |
| 2,3 | 3 | 12 | 6 | 1 | 0 | 0 | 0 |
| 0,1 | 2 | 11 | 3 | + | + | 0 | 0 |
| -2,-1 | 1 | 6 | 3 | + | 0 | 0 | 0 |
| -4,-3 | + | + | 0 | 0 | 0 | 0 | 0 |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Mys Uelen

| 4497 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥14 | + | 1 | 1 | + | 0 | 0 | 0 |
| 12,13 | + | 1 | 2 | + | 0 | 0 | 0 |
| 10,11 | 1 | 2 | 2 | + | 0 | 0 | 0 |
| 8,9 | 1 | 3 | 5 | 3 | + | 0 | 0 |
| 6,7 | 3 | 5 | 7 | 5 | + | 0 | 0 |
| 4,5 | 4 | 8 | 6 | 4 | + | 0 | 0 |
| 2,3 | 4 | 11 | 8 | + | + | 0 | 0 |
| 0,1 | 1 | 3 | 2 | + | + | 0 | 0 |
| -2,-1 | + | + | + | + | 0 | 0 | 0 |
| -4,-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Tin City

| 20635 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥16 | 1 | 1 | + | 0 | 0 | 0 | 0 |
| 14,15 | + | 1 | 1 | 0 | 0 | 0 | 0 |
| 12,13 | 1 | 3 | 2 | + | 0 | 0 | 0 |
| 10,11 | 2 | 5 | 3 | + | + | 0 | 0 |
| 8,9 | 2 | 6 | 7 | 1 | + | 0 | 0 |
| 6,7 | 2 | 10 | 15 | 2 | + | 0 | 0 |
| 4,5 | 1 | 7 | 12 | 2 | + | 0 | 0 |
| 2,3 | + | 3 | 6 | 1 | + | 0 | 0 |
| 0,1 | + | + | 2 | + | + | 0 | 0 |
| -2,-1 | + | + | + | + | 0 | 0 | 0 |
| ≤-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Kotzebue

| 21130 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥20 | + | 2 | 1 | + | 0 | 0 | 0 |
| 18,19 | + | 2 | 1 | + | 0 | 0 | 0 |
| 16,17 | 1 | 5 | 3 | + | 0 | 0 | 0 |
| 14,15 | 1 | 7 | 4 | + | 0 | 0 | 0 |
| 12,13 | 1 | 11 | 8 | 1 | 0 | 0 | 0 |
| 10,11 | 1 | 11 | 11 | 1 | + | 0 | 0 |
| 8,9 | + | 5 | 6 | 1 | 0 | 0 | 0 |
| 6,7 | + | 4 | 6 | 1 | + | 0 | 0 |
| 4,5 | + | 1 | 3 | 1 | + | 0 | 0 |
| 2,3 | + | + | 1 | + | 0 | 0 | 0 |
| ≤-1 | + | + | + | + | 0 | 0 | 0 |

Cape Lisburne

| 19393 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥16 | + | 1 | 1 | + | 0 | 0 | 0 |
| 14,15 | 1 | 1 | 1 | + | + | 0 | 0 |
| 12,13 | 2 | 2 | 2 | 1 | + | 0 | 0 |
| 10,11 | 3 | 5 | 4 | 2 | + | 0 | 0 |
| 8,9 | 4 | 6 | 4 | 2 | + | 0 | 0 |
| 6,7 | 5 | 9 | 5 | 1 | + | 0 | 0 |
| 4,5 | 4 | 7 | 3 | 1 | + | 0 | 0 |
| 2,3 | 4 | 9 | 3 | + | + | 0 | 0 |
| 0,1 | 2 | 4 | 1 | + | + | 0 | 0 |
| -2,-1 | + | + | + | 0 | 0 | 0 | 0 |
| ≤-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Point Lay

| 3015 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥18 | + | 1 | 1 | + | 0 | 0 | 0 |
| 16,17 | + | 2 | 1 | + | 0 | 0 | 0 |
| 14,15 | 1 | 2 | 1 | + | 0 | 0 | 0 |
| 12,13 | 2 | 5 | 2 | + | 0 | 0 | 0 |
| 10,11 | 3 | 9 | 4 | + | 0 | 0 | 0 |
| 8,9 | 2 | 7 | 5 | + | 0 | 0 | 0 |
| 6,7 | 2 | 9 | 5 | + | 0 | 0 | 0 |
| 4,5 | 2 | 8 | 3 | + | 0 | 0 | 0 |
| 2,3 | 2 | 7 | 4 | + | 0 | 0 | 0 |
| 0,1 | 1 | 3 | 1 | + | 0 | 0 | 0 |
| ≤-1 | + | + | + | 0 | 0 | 0 | 0 |

Barrow

| 18772 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥12 | + | 2 | 2 | + | 0 | 0 | 0 |
| 10,11 | + | 2 | 2 | + | 0 | 0 | 0 |
| 8,9 | + | 3 | 2 | + | 0 | 0 | 0 |
| 6,7 | 1 | 5 | 4 | + | 0 | 0 | 0 |
| 4,5 | 1 | 6 | 5 | + | 0 | 0 | 0 |
| 2,3 | 1 | 12 | 10 | + | + | 0 | 0 |
| 0,1 | 1 | 19 | 14 | + | 0 | 0 | 0 |
| -2,-1 | 1 | 5 | 2 | + | 0 | 0 | 0 |
| -4,-3 | + | + | + | 0 | 0 | 0 | 0 |
| -6,-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Lonely

| 3136 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥14 | 1 | 3 | 1 | + | 0 | 0 | 0 |
| 12,13 | + | 2 | 1 | + | 0 | 0 | 0 |
| 10,11 | 1 | 4 | 1 | 0 | 0 | 0 | 0 |
| 8,9 | 1 | 3 | 1 | + | 0 | 0 | 0 |
| 6,7 | 2 | 7 | 3 | + | 0 | 0 | 0 |
| 4,5 | 2 | 8 | 4 | + | 0 | 0 | 0 |
| 2,3 | 3 | 17 | 7 | 1 | + | 0 | 0 |
| 0,1 | 3 | 15 | 5 | 1 | 0 | 0 | 0 |
| -2,-1 | 1 | 3 | 1 | + | 0 | 0 | 0 |
| -4,-3 | + | + | 0 | 0 | 0 | 0 | 0 |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Oliktok

| 3047 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥14 | 1 | 3 | 1 | 0 | 0 | 0 | 0 |
| 12,13 | 1 | 3 | 1 | 0 | 0 | 0 | 0 |
| 10,11 | 1 | 3 | 1 | + | 0 | 0 | 0 |
| 8,9 | 1 | 3 | 1 | + | 0 | 0 | 0 |
| 6,7 | 2 | 7 | 4 | 1 | 0 | 0 | 0 |
| 4,5 | 3 | 8 | 7 | 1 | + | 0 | 0 |
| 2,3 | 3 | 14 | 10 | 1 | + | 0 | 0 |
| 0,1 | 2 | 11 | 4 | + | 0 | 0 | 0 |
| -2,-1 | + | 2 | 1 | 0 | 0 | 0 | 0 |
| -4,-3 | + | + | 0 | 0 | 0 | 0 | 0 |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Barter

| 18342 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥14 | + | 1 | 1 | + | 0 | 0 | 0 |
| 12,13 | + | 1 | 1 | + | 0 | 0 | 0 |
| 10,11 | 1 | 3 | 1 | + | 0 | 0 | 0 |
| 8,9 | 1 | 4 | 2 | + | 0 | 0 | 0 |
| 6,7 | 1 | 7 | 4 | + | 0 | 0 | 0 |
| 4,5 | 1 | 8 | 6 | + | 0 | 0 | 0 |
| 2,3 | 2 | 16 | 10 | + | 0 | 0 | 0 |
| 0,1 | 2 | 15 | 8 | + | 0 | 0 | 0 |
| -2,-1 | + | 2 | 1 | + | 0 | 0 | 0 |
| -4,-3 | + | + | + | 0 | 0 | 0 | 0 |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Tuktoyaktuk

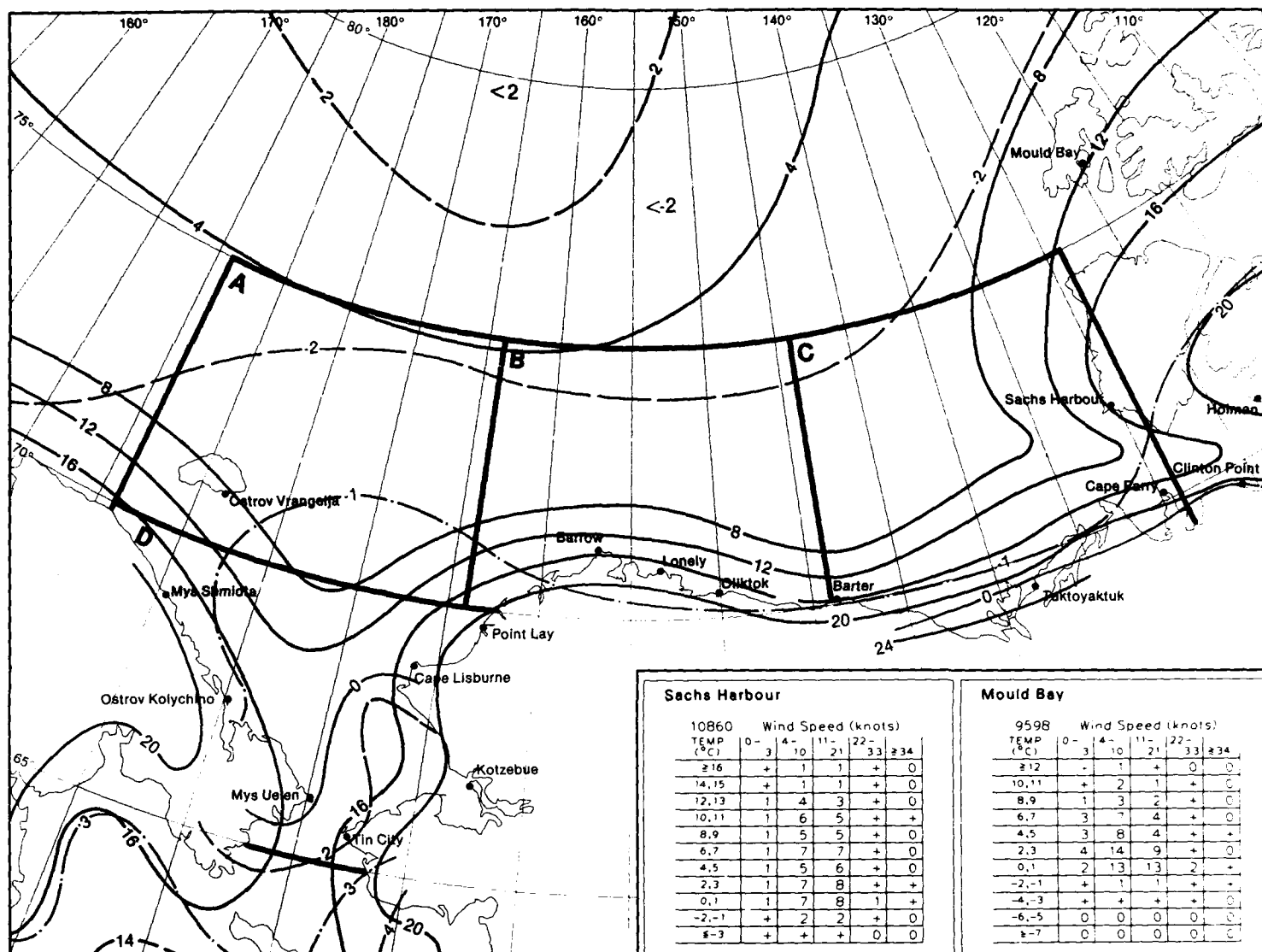
| 3215 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|---|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥20 | + | 4 | 1 | + | 0 | 0 | 0 |
| 18,19 | + | 3 | 1 | 0 | 0 | 0 | 0 |
| 16,17 | + | 4 | 3 | + | 0 | 0 | 0 |
| 14,15 | + | 5 | 3 | + | 0 | 0 | 0 |
| 12,13 | 1 | 7 | 4 | + | 0 | 0 | 0 |
| 10,11 | 1 | 8 | 5 | + | + | 0 | 0 |
| 8,9 | 1 | 7 | 4 | + | 0 | 0 | 0 |
| 6,7 | 1 | 9 | 5 | + | 0 | 0 | 0 |
| 4,5 | 1 | 6 | 4 | + | 0 | 0 | 0 |
| 2,3 | + | 5 | 3 | + | 0 | 0 | 0 |
| ≤1 | + | 2 | 1 | + | 0 | 0 | 0 |

Cape Parry

| 19343 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|----|----|----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 21 | 22- | 33 34 |
| ≥14 | 1 | 2 | 1 | + | 0 | 0 | 0 |
| 12,13 | 1 | 2 | 1 | + | 0 | 0 | 0 |
| 10,11 | 1 | 3 | 2 | + | 0 | 0 | 0 |
| 8,9 | 1 | 4 | 3 | + | 0 | 0 | 0 |
| 6,7 | 3 | 8 | 8 | + | 0 | 0 | 0 |
| 4,5 | 2 | 8 | 8 | + | 0 | 0 | 0 |
| 2,3 | 3 | 11 | 10 | + | 0 | 0 | 0 |
| 0,1 | 2 | 6 | 4 | + | 0 | 0 | 0 |
| -2,-1 | + | 1 | + | + | 0 | 0 | 0 |
| -4,-3 | + | + | + | 0 | 0 | 0 | 0 |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Clinton Point

| 4453 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----------|-----------|-----------|----|--|--|
| TEMP (°C) | 0- 3 | 4- 10 | 11- 21 | 22- 33 | 34 | | |
| ≥16 | + | 3 | 1 | 0 | 0 | | |
| 14,15 | + | 2 | 1 | 0 | 0 | | |
| 12,13 | + | 4 | 1 | 0 | 0 | | |
| 10,11 | 1 | 6 | 1 | + | 0 | | |
| 8,9 | 1 | 6 | 2 | + | 0 | | |
| 6,7 | 2 | 13 | 4 | + | 0 | | |
| 4,5 | 3 | 11 | 5 | + | 0 | | |
| 2,3 | 2 | 14 | 8 | 1 | + | | |
| 0,1 | + | 4 | 3 | + | 0 | | |
| -2,-1 | + | + | + | + | 0 | | |
| ≤-3 | + | 0 | 0 | 0 | 0 | | |



Sachs Harbour

| 10860 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|---|----|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | 33-34 |
| ≥16 | + | 1 | 1 | + | + | 0 | |
| 14,15 | + | 1 | 1 | + | + | 0 | |
| 12,13 | 1 | 4 | 3 | + | 0 | | |
| 10,11 | 1 | 6 | 5 | + | + | | |
| 8,9 | 1 | 5 | 5 | + | 0 | | |
| 6,7 | 1 | 7 | 7 | + | 0 | | |
| 4,5 | 1 | 5 | 6 | + | 0 | | |
| 2,3 | 1 | 7 | 8 | + | + | | |
| 0,1 | 1 | 7 | 8 | 1 | + | | |
| -2,-1 | + | 2 | 2 | + | 0 | | |
| ≤-3 | + | + | + | 0 | 0 | | |

Mould Bay

| 9598 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|----|----|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | 33-34 |
| ≥12 | + | 1 | + | 0 | 0 | | |
| 10,11 | + | 2 | 1 | + | 0 | | |
| 8,9 | 1 | 3 | 2 | + | 0 | | |
| 6,7 | 3 | 7 | 4 | + | 0 | | |
| 4,5 | 3 | 8 | 4 | + | + | | |
| 2,3 | 4 | 14 | 9 | + | 0 | | |
| 0,1 | 2 | 13 | 13 | 2 | + | | |
| -2,-1 | + | 1 | 1 | + | + | | |
| -4,-3 | + | + | + | + | 0 | | |
| -6,-5 | 0 | 0 | 0 | 0 | 0 | | |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | | |

Marine Area A

| 368 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|----|----|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | 33-34 |
| ≥12 | + | 1 | 0 | + | 0 | | |
| 10,11 | 1 | 1 | + | + | + | | |
| 8,9 | 0 | 1 | 2 | 0 | 0 | | |
| 6,7 | 1 | 5 | 3 | 1 | 0 | | |
| 4,5 | 2 | 5 | 7 | 1 | 0 | | |
| 2,3 | 1 | 11 | 11 | 1 | 0 | | |
| 0,1 | 2 | 14 | 16 | 1 | 0 | | |
| -2,-1 | 1 | 5 | 3 | 1 | + | | |
| -4,-3 | 1 | 1 | 1 | 0 | 0 | | |
| -6,-5 | 0 | 0 | 0 | 0 | 0 | | |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | | |

Marine Area B

| 2940 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|----|----|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | 33-34 |
| ≥12 | + | + | + | + | 0 | | |
| 10,11 | + | + | 1 | 1 | 0 | | |
| 8,9 | 1 | 1 | 1 | + | + | | |
| 6,7 | 1 | 4 | 4 | 1 | 0 | | |
| 4,5 | 2 | 7 | 6 | 1 | 0 | | |
| 2,3 | 3 | 12 | 11 | 1 | + | | |
| 0,1 | 4 | 18 | 12 | 1 | + | | |
| -2,-1 | 1 | 4 | 2 | + | 0 | | |
| -4,-3 | 0 | + | 0 | 0 | 0 | | |
| -6,-5 | 0 | 0 | 0 | 0 | 0 | | |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | | |

Marine Area C

| 3494 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|---|----|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | 33-34 |
| ≥16 | + | 2 | 2 | + | + | | |
| 14,15 | + | 2 | 2 | + | 0 | | |
| 12,13 | + | 3 | 4 | + | 0 | | |
| 10,11 | 1 | 5 | 6 | 1 | + | | |
| 8,9 | 1 | 4 | 8 | 2 | + | | |
| 6,7 | 1 | 5 | 8 | 2 | + | | |
| 4,5 | 1 | 7 | 8 | 1 | + | | |
| 2,3 | 1 | 5 | 6 | 1 | + | | |
| 0,1 | + | 3 | 3 | + | + | | |
| -2,-1 | + | + | + | + | 0 | | |
| ≤-3 | 0 | 0 | + | 0 | 0 | | |

Marine Area D

| 2710 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|---|----|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | 33-34 |
| ≥16 | + | + | 1 | + | 0 | | |
| 14,15 | + | 1 | 1 | + | 0 | | |
| 12,13 | 1 | 2 | 2 | + | + | | |
| 10,11 | 1 | 4 | 4 | 1 | + | | |
| 8,9 | 2 | 6 | 6 | 2 | + | | |
| 6,7 | 2 | 8 | 12 | 3 | + | | |
| 4,5 | 2 | 8 | 10 | 2 | + | | |
| 2,3 | 1 | 4 | 5 | 2 | + | | |
| 0,1 | + | 2 | 2 | + | + | | |
| -2,-1 | + | + | + | + | 0 | | |
| ≤-3 | 0 | 0 | 0 | 0 | 0 | | |

7 Air Temperature Extremes

July

Ostrov Vrangeliya

| 4252 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥12 | 0 | + | + | + | 0 | 0 | |
| 10,11 | + | + | + | + | 0 | 0 | |
| 8,9 | + | + | + | + | 0 | 0 | |
| 6,7 | 1 | 3 | 1 | + | 0 | 0 | |
| 4,5 | 3 | 7 | 2 | 1 | + | 0 | |
| 2,3 | 8 | 14 | 8 | 2 | + | 0 | |
| 0,1 | 7 | 12 | 5 | 1 | + | 0 | |
| -2,-1 | 5 | 8 | 3 | 1 | + | 0 | |
| -4,-3 | 1 | 2 | 1 | + | + | 0 | |
| -6,-5 | + | + | + | 0 | 0 | 0 | |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | 0 | |

Mys Shmidt

| 4564 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥12 | 1 | 2 | 1 | + | 0 | 0 | |
| 10,11 | + | 2 | + | 0 | 0 | 0 | |
| 8,9 | 1 | 2 | 1 | + | 0 | 0 | |
| 6,7 | 1 | 4 | 2 | + | + | 0 | |
| 4,5 | 2 | 8 | 3 | + | 0 | 0 | |
| 2,3 | 3 | 16 | 9 | 1 | + | 0 | |
| 0,1 | 2 | 12 | 7 | 1 | + | 0 | |
| -2,-1 | 2 | 8 | 5 | 1 | + | 0 | |
| -4,-3 | + | 1 | 1 | + | 0 | 0 | |
| -6,-5 | + | + | 0 | 0 | 0 | 0 | |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | 0 | |

Ostrov Kolychino

| 2530 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥14 | + | + | 1 | 0 | 0 | 0 | |
| 12,13 | + | 1 | 1 | + | 0 | 0 | |
| 10,11 | + | 2 | 3 | + | 0 | 0 | |
| 8,9 | 1 | 3 | 5 | 1 | + | 0 | |
| 6,7 | 1 | 5 | 6 | 1 | + | 0 | |
| 4,5 | 1 | 8 | 6 | 2 | + | 0 | |
| 2,3 | 2 | 11 | 8 | 1 | + | 0 | |
| 0,1 | 1 | 9 | 7 | 1 | + | 0 | |
| -2,-1 | 1 | 6 | 3 | + | + | 0 | |
| -4,-3 | + | + | + | 0 | 0 | 0 | |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | |

Mys Uelen

| 4515 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥14 | + | + | + | + | 0 | 0 | |
| 12,13 | + | + | 1 | + | + | 0 | |
| 10,11 | + | 1 | 2 | + | + | 0 | |
| 8,9 | 1 | 2 | 5 | 2 | + | 0 | |
| 6,7 | 3 | 6 | 7 | 3 | + | 0 | |
| 4,5 | 5 | 12 | 11 | 3 | + | 0 | |
| 2,3 | 4 | 10 | 12 | 2 | + | 0 | |
| 0,1 | 1 | 2 | 2 | + | + | 0 | |
| -2,-1 | + | + | 0 | + | + | 0 | |
| -4,-3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | |

Tin City

| 20765 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥16 | + | + | + | + | 0 | 0 | |
| 14,15 | + | 1 | 1 | + | 0 | 0 | |
| 12,13 | 1 | 2 | 2 | + | 0 | 0 | |
| 10,11 | 1 | 4 | 5 | 1 | + | 0 | |
| 8,9 | 2 | 7 | 9 | 1 | + | 0 | |
| 6,7 | 2 | 12 | 18 | 3 | + | 0 | |
| 4,5 | 1 | 5 | 10 | 2 | + | 0 | |
| 2,3 | + | 3 | 4 | 1 | + | 0 | |
| 0,1 | + | 1 | + | + | + | 0 | |
| -2,-1 | + | 0 | 0 | 0 | 0 | 0 | |
| ≤-3 | 0 | 0 | + | 0 | 0 | 0 | |

Kotzebue

| 21792 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥20 | + | + | + | + | 0 | 0 | |
| 18,19 | + | 1 | + | + | 0 | 0 | |
| 16,17 | + | 2 | 2 | + | 0 | 0 | |
| 14,15 | + | 4 | 3 | + | 0 | 0 | |
| 12,13 | 1 | 9 | 8 | + | + | 0 | |
| 10,11 | 1 | 13 | 13 | 1 | + | 0 | |
| 8,9 | 1 | 8 | 9 | 1 | + | 0 | |
| 6,7 | 1 | 6 | 7 | 1 | + | 0 | |
| 4,5 | + | 2 | 2 | + | + | 0 | |
| 2,3 | + | 1 | 1 | + | 0 | 0 | |
| ≤1 | 0 | + | + | + | 0 | 0 | |

Cape Lisburne

| 20220 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥16 | + | 1 | + | + | 0 | 0 | |
| 14,15 | + | 1 | + | + | 0 | 0 | |
| 12,13 | 2 | 3 | 1 | + | + | 0 | |
| 10,11 | 3 | 5 | 3 | 1 | + | 0 | |
| 8,9 | 4 | 7 | 5 | 1 | + | 0 | |
| 6,7 | 5 | 10 | 7 | 1 | + | 0 | |
| 4,5 | 3 | 9 | 6 | 1 | + | 0 | |
| 2,3 | 2 | 7 | 7 | 1 | + | 0 | |
| 0,1 | 1 | 1 | 2 | + | 0 | 0 | |
| -2,-1 | + | + | + | + | 0 | 0 | |
| ≤-3 | 0 | 0 | 0 | 0 | 0 | 0 | |

Point Lay

| 3273 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥16 | 1 | 2 | + | + | 0 | 0 | |
| 14,15 | + | 2 | + | + | 0 | 0 | |
| 12,13 | 1 | 5 | 1 | + | + | 0 | |
| 10,11 | 2 | 7 | 3 | + | + | 0 | |
| 8,9 | 2 | 8 | 3 | + | + | 0 | |
| 6,7 | 3 | 10 | 5 | + | + | 0 | |
| 4,5 | 3 | 9 | 5 | + | + | 0 | |
| 2,3 | 2 | 8 | 3 | + | + | 0 | |
| 0,1 | 1 | 5 | 2 | + | + | 0 | |
| -2,-1 | + | + | + | + | + | 0 | |
| ≤-3 | + | + | + | + | + | 0 | |

Barrow

| 19325 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥12 | + | 2 | 1 | + | 0 | 0 | |
| 10,11 | + | 2 | 1 | + | 0 | 0 | |
| 8,9 | + | 3 | 2 | + | 0 | 0 | |
| 6,7 | + | 5 | 4 | + | + | 0 | |
| 4,5 | 1 | 7 | 5 | + | + | 0 | |
| 2,3 | 1 | 10 | 8 | 1 | 0 | 0 | |
| 0,1 | 1 | 14 | 13 | 1 | 0 | 0 | |
| -2,-1 | 1 | 7 | 5 | + | 0 | 0 | |
| -4,-3 | + | 2 | 2 | + | 0 | 0 | |
| -6,-5 | + | + | + | 0 | 0 | 0 | |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | 0 | |

Lonely

| 3372 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥12 | 1 | 3 | 1 | + | 0 | 0 | |
| 10,11 | 1 | 3 | 1 | + | 0 | 0 | |
| 8,9 | 1 | 3 | 1 | + | + | 0 | |
| 6,7 | 2 | 7 | 1 | + | 0 | 0 | |
| 4,5 | 2 | 10 | 3 | + | + | 0 | |
| 2,3 | 4 | 15 | 6 | 1 | + | 0 | |
| 0,1 | 3 | 15 | 8 | 1 | + | 0 | |
| -2,-1 | 1 | 4 | 2 | + | 0 | 0 | |
| -4,-3 | + | 1 | + | + | 0 | 0 | |
| -6,-5 | 0 | + | 0 | 0 | 0 | 0 | |
| ≤-7 | 0 | 0 | 0 | 0 | 0 | 0 | |

Ollitok

| 3289 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥14 | + | 1 | + | 0 | 0 | 0 | |
| 12,13 | 1 | 2 | 1 | 0 | 0 | 0 | |
| 10,11 | 1 | 4 | 1 | + | 0 | 0 | |
| 8,9 | 1 | 4 | 1 | + | 0 | 0 | |
| 6,7 | 2 | 7 | 4 | 1 | 0 | 0 | |
| 4,5 | 2 | 8 | 5 | 1 | 0 | 0 | |
| 2,3 | 3 | 14 | 8 | 1 | + | 0 | |
| 0,1 | 3 | 11 | 7 | 1 | + | 0 | |
| -2,-1 | 1 | 3 | 2 | + | 0 | 0 | |
| -4,-3 | + | + | + | 0 | 0 | 0 | |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | |

Barter

| 18470 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥14 | + | 1 | + | + | 0 | 0 | |
| 12,13 | + | 1 | + | + | 0 | 0 | |
| 10,11 | + | 3 | 1 | + | 0 | 0 | |
| 8,9 | 1 | 4 | 2 | + | + | 0 | |
| 6,7 | 1 | 9 | 4 | + | + | 0 | |
| 4,5 | 1 | 8 | 5 | + | + | 0 | |
| 2,3 | 2 | 12 | 11 | 1 | + | 0 | |
| 0,1 | 1 | 12 | 10 | 2 | + | 0 | |
| -2,-1 | 1 | 3 | 2 | + | + | 0 | |
| -4,-3 | + | 1 | + | + | 0 | 0 | |
| ≤-5 | 0 | + | 0 | 0 | 0 | 0 | |

Tuktoyaktuk

| 3201 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥18 | + | 2 | 1 | + | 0 | 0 | |
| 16,17 | + | 3 | 1 | + | 0 | 0 | |
| 14,15 | + | 3 | 2 | + | 0 | 0 | |
| 12,13 | 1 | 7 | 3 | + | 0 | 0 | |
| 10,11 | 1 | 9 | 5 | + | 0 | 0 | |
| 8,9 | 1 | 8 | 4 | + | 0 | 0 | |
| 6,7 | 1 | 10 | 6 | + | 0 | 0 | |
| 4,5 | 1 | 7 | 4 | 1 | 0 | 0 | |
| 2,3 | 1 | 6 | 5 | 1 | 0 | 0 | |
| 0,1 | + | 2 | 2 | + | 0 | 0 | |
| ≤-1 | + | + | + | 0 | 0 | 0 | |

Cape Parry

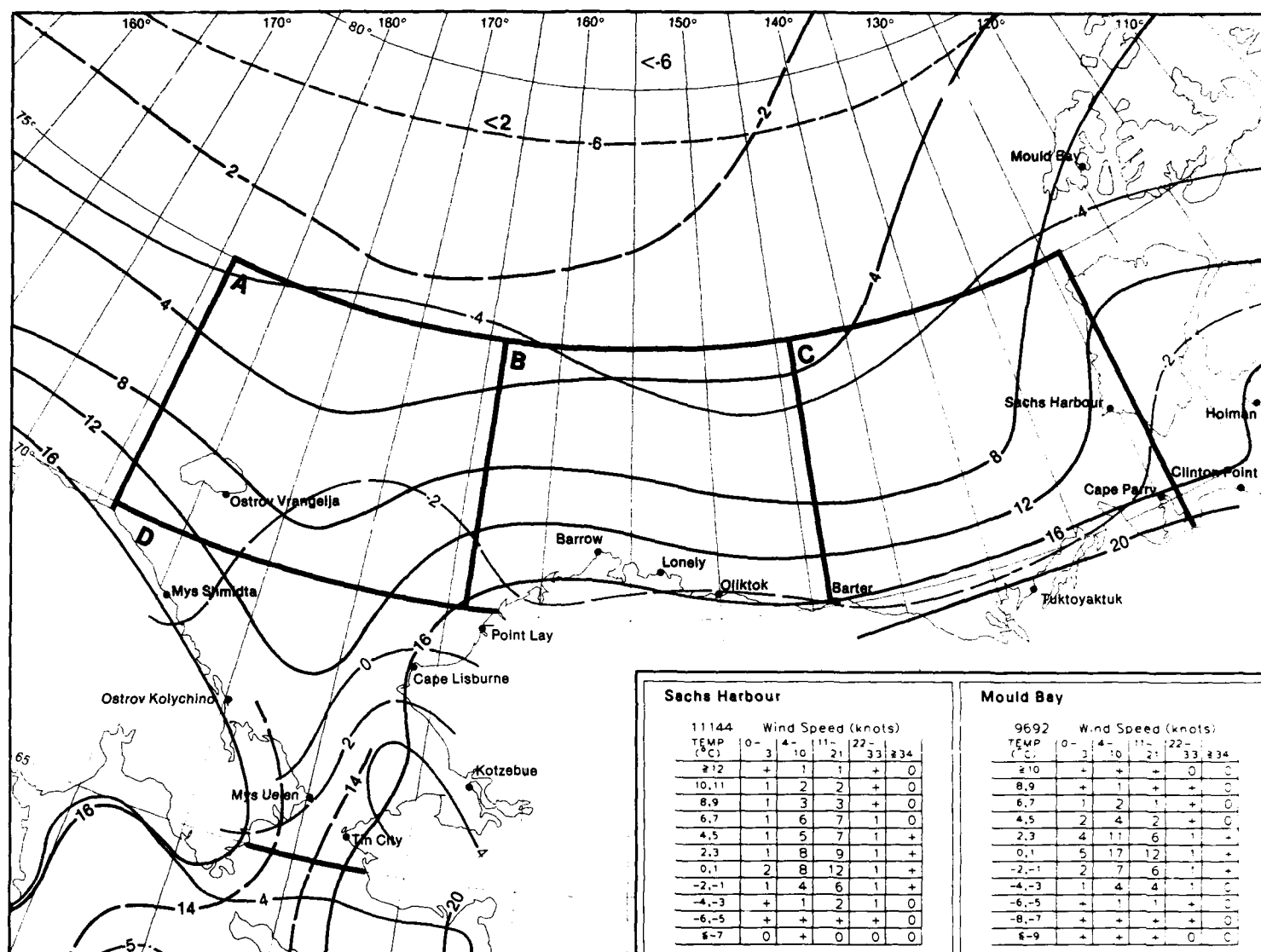
| 19339 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥14 | + | 1 | + | 0 | 0 | 0 | |
| 12,13 | + | 1 | 1 | 0 | 0 | 0 | |
| 10,11 | 1 | 3 | 2 | + | 0 | 0 | |
| 8,9 | 1 | 4 | 3 | + | 0 | 0 | |
| 6,7 | 3 | 8 | 9 | 1 | 0 | 0 | |
| 4,5 | 2 | 8 | 9 | 1 | + | 0 | |
| 2,3 | 3 | 9 | 9 | 1 | + | 0 | |
| 0,1 | 1 | 5 | 5 | 1 | 0 | 0 | |
| -2,-1 | + | 2 | 2 | + | 0 | 0 | |
| -4,-3 | + | + | + | + | 0 | 0 | |
| ≤-5 | 0 | 0 | 0 | 0 | 0 | 0 | |

Clinton Point

| 4483 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥16 | + | 2 | 1 | 0 | 0 | 0 | |
| 14,15 | + | 1 | + | + | 0 | 0 | |
| 12,13 | + | 3 | 1 | 0 | 0 | 0 | |
| 10,11 | 1 | 5 | 2 | + | 0 | 0 | |
| 8,9 | 1 | 7 | 4 | + | 0 | 0 | |
| 6,7 | 2 | 14 | 8 | + | 0 | 0 | |
| 4,5 | 2 | 10 | 6 | + | 0 | 0 | |
| 2,3 | 1 | 8 | 8 | 2 | + | 0 | |
| 0,1 | + | 4 | 3 | 1 | + | 0 | |
| -2,-1 | + | 1 | + | + | 0 | 0 | |
| ≤-3 | 0 | + | 0 | 0 | 0 | 0 | |

Holman

| 3203 | Wind Speed (knots) | | | | | | |
|--------------|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 4- | 11- | 22- | 33 | ≥34 | |
| ≥16 | + | 1 | 1 | + | + | 0 | |
| 14,15 | 1 | 1 | 1 | + | + | 0 | |
| 12,13 | 1 | 2 | 1 | + | + | 0 | |
| 10,11 | 2 | 3 | 2 | 1 | + | 0 | |
| 8,9 | 2 | 4 | 2 | + | 0 | | |
| 6,7 | 5 | 9 | 5 | 1 | + | | |
| 4,5 | 4 | 9 | 5 | 1 | + | | |
| 2,3 | 4 | 8 | 6 | 1 | + | | |
| 0,1 | 2 | 5 | 3 | 1 | 0 | | |
| -2,-1 | 1 | 1 | 1 | + | 0 | | |
| ≤-3 | + | + | + | + | 0 | | |



Sachs Harbour

| 11144 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | | |
| ≥12 | + | 1 | 1 | + | 0 | | | |
| 10,11 | 1 | 2 | 2 | + | 0 | | | |
| 8,9 | 1 | 3 | 3 | + | 0 | | | |
| 6,7 | 1 | 6 | 7 | 1 | 0 | | | |
| 4,5 | 1 | 5 | 7 | 1 | + | | | |
| 2,3 | 1 | 8 | 9 | 1 | + | | | |
| 0,1 | 2 | 8 | 12 | 1 | + | | | |
| -2,-1 | 1 | 4 | 6 | 1 | + | | | |
| -4,-3 | + | 1 | 2 | 1 | 0 | | | |
| -6,-5 | + | + | + | + | 0 | | | |
| ≤-7 | 0 | + | 0 | 0 | 0 | | | |

Mould Bay

| 9692 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | | |
| ≥10 | + | + | + | 0 | 0 | | | |
| 8,9 | + | 1 | + | + | 0 | | | |
| 6,7 | 1 | 2 | 1 | + | 0 | | | |
| 4,5 | 2 | 4 | 2 | + | 0 | | | |
| 2,3 | 4 | 11 | 6 | 1 | + | | | |
| 0,1 | 5 | 17 | 12 | 1 | + | | | |
| -2,-1 | 2 | 7 | 6 | 1 | + | | | |
| -4,-3 | 1 | 4 | 4 | 1 | 0 | | | |
| -6,-5 | + | 1 | 1 | + | 0 | | | |
| -8,-7 | + | + | + | + | 0 | | | |
| ≤-9 | + | + | + | 0 | 0 | | | |

Marine Area A

| 677 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | | |
| ≥12 | + | + | + | 0 | 0 | | | |
| 10,11 | + | 1 | + | 0 | 0 | | | |
| 8,9 | + | 2 | 3 | 0 | 0 | | | |
| 6,7 | 1 | 3 | 3 | 1 | 0 | | | |
| 4,5 | 2 | 5 | 4 | + | 0 | | | |
| 2,3 | 2 | 10 | 8 | 1 | + | | | |
| 0,1 | 5 | 15 | 9 | 2 | + | | | |
| -2,-1 | 1 | 5 | 6 | 1 | + | | | |
| -4,-3 | 1 | 4 | 1 | + | 0 | | | |
| -6,-5 | + | 1 | + | + | 0 | | | |
| ≤-7 | 0 | + | 0 | 0 | 0 | | | |

Marine Area B

| 4808 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | | |
| ≥12 | + | 1 | + | + | 0 | | | |
| 10,11 | + | 1 | 1 | + | 0 | | | |
| 8,9 | 1 | 1 | 1 | + | + | | | |
| 6,7 | 1 | 4 | 3 | 1 | + | | | |
| 4,5 | 2 | 6 | 5 | 1 | + | | | |
| 2,3 | 2 | 9 | 9 | 1 | + | | | |
| 0,1 | 4 | 14 | 12 | 2 | + | | | |
| -2,-1 | 1 | 4 | 5 | 1 | + | | | |
| -4,-3 | + | 1 | 1 | + | + | | | |
| -6,-5 | + | + | + | + | 0 | | | |
| ≤-7 | 0 | + | 0 | 0 | 0 | | | |

Marine Area C

| 7548 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | | |
| ≥16 | + | 1 | 1 | + | 0 | | | |
| 14,15 | + | 1 | 1 | + | + | | | |
| 12,13 | + | 1 | 2 | + | + | | | |
| 10,11 | + | 3 | 4 | 1 | + | | | |
| 8,9 | 1 | 5 | 6 | 2 | + | | | |
| 6,7 | 1 | 6 | 10 | 3 | + | | | |
| 4,5 | 1 | 7 | 8 | 2 | + | | | |
| 2,3 | 1 | 7 | 6 | 2 | + | | | |
| 0,1 | 1 | 4 | 4 | 1 | + | | | |
| -2,-1 | + | 1 | 2 | 1 | + | | | |
| ≤-3 | + | + | + | + | + | | | |

Marine Area D

| 2477 | Wind Speed (knots) | | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | | |
| ≥16 | + | + | + | 0 | 0 | | | |
| 14,15 | + | 1 | 1 | 0 | 0 | | | |
| 12,13 | 1 | 2 | 2 | + | 0 | | | |
| 10,11 | 1 | 4 | 5 | 1 | + | | | |
| 8,9 | 2 | 6 | 8 | 2 | + | | | |
| 6,7 | 2 | 8 | 13 | 4 | + | | | |
| 4,5 | 1 | 7 | 9 | 3 | + | | | |
| 2,3 | 1 | 4 | 4 | 1 | + | | | |
| 0,1 | 1 | 2 | 2 | 1 | + | | | |
| -2,-1 | + | + | + | + | + | | | |
| ≤-3 | + | + | + | + | 0 | | | |

7 Air Temperature Extremes

August

Ostrov Vrangeliya

| 4070 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6,7 | + | + | + | + | + | 0 |
| 4,5 | 1 | 1 | 1 | + | + | 0 |
| 2,3 | 2 | 5 | 4 | 1 | + | + |
| 0,1 | 4 | 7 | 6 | 1 | + | + |
| -2,-1 | 6 | 12 | 10 | 1 | + | + |
| -4,-3 | 4 | 8 | 6 | 2 | + | + |
| -6,-5 | 1 | 3 | 3 | 1 | + | + |
| -8,-7 | 1 | 1 | 1 | + | + | + |
| -10,-9 | + | 1 | + | + | + | + |
| ≤-11 | + | + | + | + | + | + |

Mys Shmidta

| 4315 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥8 | + | 1 | + | 0 | 0 | 0 |
| 6,7 | + | 1 | 1 | + | 0 | 0 |
| 4,5 | 1 | 3 | 1 | 0 | 0 | 0 |
| 2,3 | 3 | 8 | 6 | + | + | + |
| 0,1 | 2 | 10 | 6 | 1 | + | + |
| -2,-1 | 4 | 13 | 11 | 2 | + | + |
| -4,-3 | 2 | 6 | 5 | 2 | + | + |
| -6,-5 | 1 | 2 | 2 | 1 | + | + |
| -8,-7 | 1 | 1 | 1 | + | + | + |
| -10,-9 | + | + | + | + | + | + |
| ≤-11 | 1 | + | + | + | + | + |

Ostrov Kolyuchino

| 2431 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥10 | + | + | + | + | 0 | 0 |
| 8,9 | + | + | 1 | + | 0 | 0 |
| 6,7 | + | 2 | 2 | + | 0 | 0 |
| 4,5 | 1 | 3 | 5 | 1 | + | + |
| 2,3 | 2 | 9 | 12 | 3 | + | + |
| 0,1 | 2 | 10 | 9 | 1 | + | + |
| -2,-1 | 2 | 9 | 10 | 2 | + | + |
| -4,-3 | 1 | 4 | 3 | 1 | + | + |
| -6,-5 | + | 1 | 1 | + | 0 | 0 |
| -8,-7 | + | + | + | 0 | 0 | 0 |
| ≤-9 | + | 0 | 0 | 0 | 0 | 0 |

Mys Uelen

| 4350 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥12 | 0 | 0 | + | + | + | + |
| 10,11 | + | + | + | + | + | 0 |
| 8,9 | + | + | 1 | + | + | + |
| 6,7 | + | 2 | 2 | 1 | + | + |
| 4,5 | 2 | 6 | 9 | 3 | + | + |
| 2,3 | 4 | 13 | 18 | 7 | + | + |
| 0,1 | 2 | 5 | 7 | 3 | + | + |
| -2,-1 | 1 | 3 | 4 | 1 | + | + |
| -4,-3 | + | 1 | 1 | + | 0 | 0 |
| -6,-5 | + | + | + | + | 0 | 0 |
| ≤-7 | + | + | + | + | 0 | 0 |

Tin City

| 19412 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥14 | + | + | + | + | 0 | 0 |
| 12,13 | + | + | + | + | 0 | 0 |
| 10,11 | 1 | 1 | 1 | + | + | + |
| 8,9 | 1 | 3 | 3 | 1 | + | + |
| 6,7 | 2 | 6 | 9 | 2 | + | + |
| 4,5 | 2 | 7 | 11 | 2 | + | + |
| 2,3 | 2 | 8 | 12 | 3 | + | + |
| 0,1 | 1 | 5 | 8 | 2 | + | + |
| -2,-1 | + | 2 | 3 | 1 | + | + |
| -4,-3 | + | + | 1 | 1 | + | + |
| ≤-5 | + | + | + | + | 0 | 0 |

Kotzebue

| 21063 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥14 | + | + | + | + | 0 | 0 |
| 12,13 | + | 1 | 1 | + | 0 | 0 |
| 10,11 | + | 4 | 3 | + | 0 | 0 |
| 8,9 | 1 | 5 | 5 | + | 0 | 0 |
| 6,7 | 1 | 11 | 11 | 1 | + | + |
| 4,5 | 1 | 8 | 7 | 1 | + | + |
| 2,3 | 1 | 8 | 7 | 1 | + | + |
| 0,1 | 1 | 5 | 5 | 1 | + | + |
| -2,-1 | + | 2 | 2 | + | + | + |
| -4,-3 | + | 1 | 1 | + | 0 | 0 |
| ≤-5 | + | 1 | + | + | 0 | 0 |

Cape Lisburne

| 19462 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥12 | + | + | + | + | 0 | 0 |
| 10,11 | + | 1 | 1 | + | + | + |
| 8,9 | 1 | 2 | 1 | + | 0 | 0 |
| 6,7 | 3 | 5 | 3 | 1 | + | + |
| 4,5 | 3 | 6 | 5 | 1 | + | + |
| 2,3 | 4 | 10 | 9 | 1 | + | + |
| 0,1 | 3 | 9 | 11 | 2 | + | + |
| -2,-1 | 1 | 3 | 4 | 1 | + | + |
| -4,-3 | + | 1 | 2 | + | + | + |
| -6,-5 | + | + | 1 | + | + | + |
| ≤-7 | 0 | + | + | + | 0 | 0 |

Point Lay

| 3220 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥10 | 1 | 2 | 1 | + | 0 | 0 |
| 8,9 | 1 | 2 | + | 0 | 0 | 0 |
| 6,7 | 1 | 4 | 1 | + | 0 | 0 |
| 4,5 | 2 | 5 | 2 | + | 0 | 0 |
| 2,3 | 3 | 10 | 5 | 1 | 0 | 0 |
| 0,1 | 3 | 12 | 8 | 1 | 0 | 0 |
| -2,-1 | 2 | 9 | 5 | 1 | + | + |
| -4,-3 | 1 | 4 | 3 | 1 | + | + |
| -6,-5 | + | 2 | 1 | + | 0 | 0 |
| -8,-7 | + | 1 | 1 | + | 0 | 0 |
| ≤-9 | + | 1 | 1 | + | 0 | 0 |

Barrow

| 18708 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥8 | + | 1 | + | 0 | 0 | 0 |
| 6,7 | + | 1 | 1 | + | 0 | 0 |
| 4,5 | + | 2 | 1 | + | 0 | 0 |
| 2,3 | + | 5 | 5 | + | + | + |
| 0,1 | 1 | 13 | 11 | 1 | + | + |
| -2,-1 | 1 | 11 | 12 | 1 | + | + |
| -4,-3 | 1 | 8 | 8 | 1 | + | + |
| -6,-5 | + | 3 | 4 | + | 0 | 0 |
| -8,-7 | + | 3 | 2 | + | 0 | 0 |
| -10,-9 | + | 1 | 1 | 0 | 0 | 0 |
| ≤-11 | + | 1 | 1 | + | 0 | 0 |

Lonely

| 3254 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥8 | + | 1 | + | 0 | 0 | 0 |
| 6,7 | + | 1 | + | + | 0 | 0 |
| 4,5 | 1 | 2 | 1 | + | 0 | 0 |
| 2,3 | 2 | 7 | 3 | + | 0 | 0 |
| 0,1 | 4 | 15 | 8 | 1 | + | + |
| -2,-1 | 3 | 13 | 9 | 1 | + | + |
| -4,-3 | 2 | 8 | 5 | 1 | + | + |
| -6,-5 | 1 | 3 | 3 | + | + | + |
| -8,-7 | + | 1 | 1 | + | + | + |
| -10,-9 | + | 1 | + | + | 0 | 0 |
| ≤-11 | + | + | + | + | 0 | 0 |

Oliktok

| 3240 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥8 | + | 1 | + | 0 | 0 | 0 |
| 6,7 | + | 2 | + | 0 | 0 | 0 |
| 4,5 | 1 | 3 | 1 | + | 0 | 0 |
| 2,3 | 2 | 7 | 3 | + | 0 | 0 |
| 0,1 | 4 | 14 | 10 | 2 | + | + |
| -2,-1 | 3 | 9 | 9 | 2 | + | + |
| -4,-3 | 2 | 6 | 5 | 1 | + | + |
| -6,-5 | 1 | 2 | 2 | + | 0 | 0 |
| -8,-7 | + | 1 | 1 | + | 0 | 0 |
| -10,-9 | + | + | 1 | + | 0 | 0 |
| ≤-11 | + | + | + | 0 | 0 | 0 |

Barter

| 17740 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥10 | + | + | + | 0 | 0 | 0 |
| 8,9 | + | + | + | 0 | 0 | 0 |
| 6,7 | + | 2 | 1 | + | 0 | 0 |
| 4,5 | + | 3 | 1 | + | + | + |
| 2,3 | 1 | 7 | 5 | 1 | + | + |
| 0,1 | 2 | 14 | 14 | 2 | + | + |
| -2,-1 | 2 | 11 | 9 | 2 | + | + |
| -4,-3 | 1 | 7 | 4 | 1 | + | + |
| -6,-5 | + | 2 | 1 | + | + | + |
| -8,-7 | + | 1 | 1 | + | 0 | 0 |
| ≤-9 | + | 1 | + | + | + | + |

Tuktoyaktuk

| 3104 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥12 | + | 1 | 1 | + | 0 | 0 |
| 10,11 | + | 2 | 1 | 0 | + | + |
| 8,9 | 1 | 3 | 1 | + | 0 | 0 |
| 6,7 | 1 | 6 | 3 | + | 0 | 0 |
| 4,5 | 1 | 7 | 4 | + | 0 | 0 |
| 2,3 | 2 | 12 | 8 | 1 | + | + |
| 0,1 | 1 | 13 | 10 | 1 | 0 | 0 |
| -2,-1 | 1 | 5 | 4 | + | 0 | 0 |
| -4,-3 | + | 3 | 2 | + | + | + |
| -6,-5 | + | 1 | 1 | + | 0 | 0 |
| ≤-7 | + | 1 | 1 | 0 | 0 | 0 |

Cape Parry

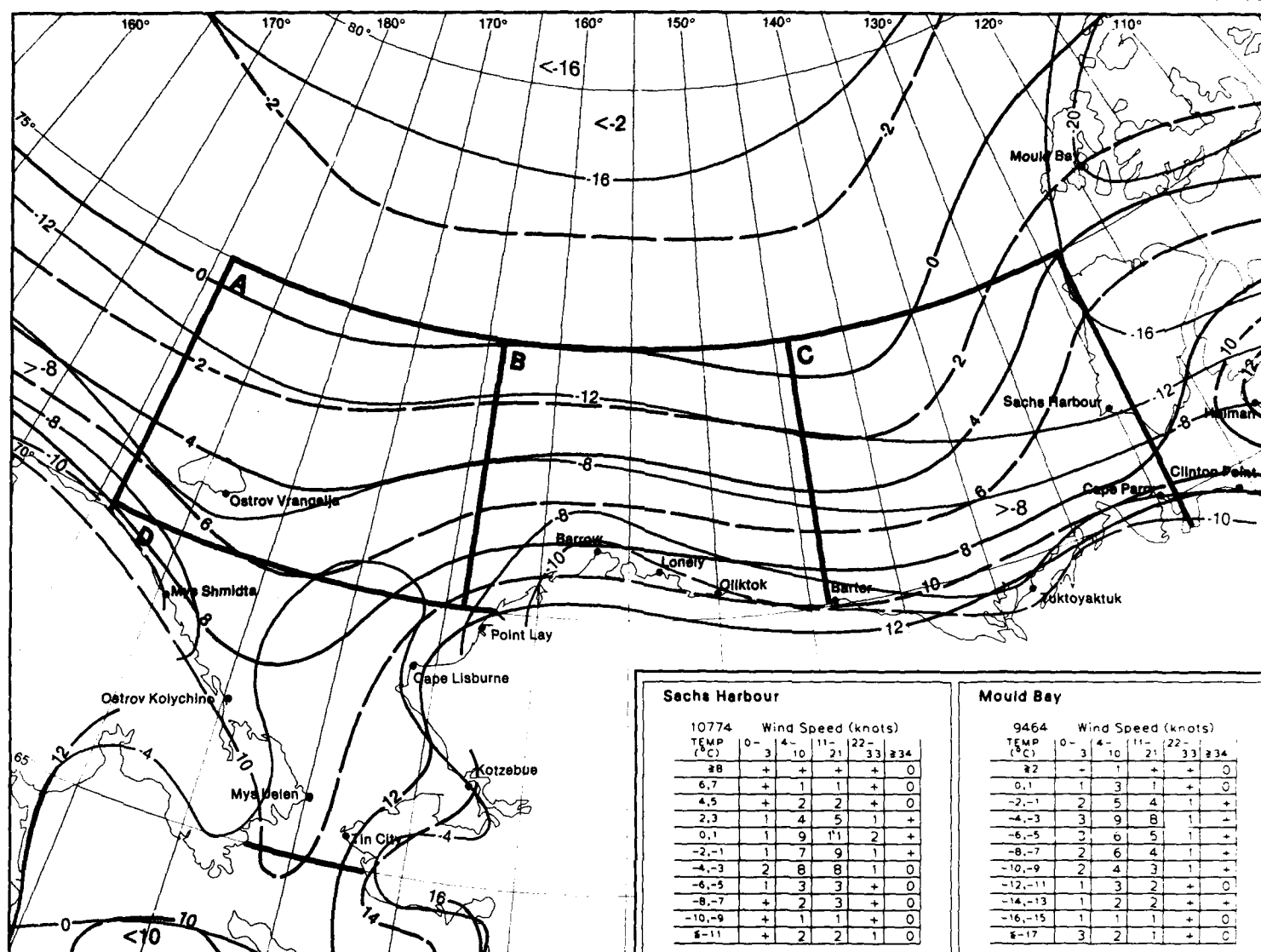
| 18968 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥10 | + | + | + | 0 | 0 | 0 |
| 8,9 | + | + | + | 0 | 0 | 0 |
| 6,7 | 1 | 2 | 2 | + | 0 | 0 |
| 4,5 | 1 | 3 | 4 | + | + | + |
| 2,3 | 2 | 8 | 9 | 1 | + | + |
| 0,1 | 3 | 13 | 15 | 2 | + | + |
| -2,-1 | 2 | 6 | 7 | 1 | + | + |
| -4,-3 | 1 | 4 | 4 | 1 | + | + |
| -6,-5 | + | 1 | 2 | + | 0 | 0 |
| -8,-7 | + | + | 1 | + | 0 | 0 |
| ≤-9 | + | + | + | + | 0 | 0 |

Clinton Point

| 4356 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥10 | + | 1 | 1 | + | 0 | 0 |
| 8,9 | + | 1 | + | + | 0 | 0 |
| 6,7 | + | 4 | 2 | + | 0 | 0 |
| 4,5 | 1 | 7 | 4 | + | + | + |
| 2,3 | 2 | 13 | 9 | 1 | + | + |
| 0,1 | 2 | 14 | 10 | 1 | + | + |
| -2,-1 | 1 | 5 | 5 | 1 | + | + |
| -4,-3 | 1 | 3 | 3 | 1 | + | + |
| -6,-5 | + | 1 | 1 | 1 | + | + |
| -8,-7 | + | + | + | 0 | 0 | 0 |
| ≤-9 | + | + | + | 0 | 0 | 0 |

Holman

| 3114 | Wind Speed (knots) | | | | | |
|-----------|--------------------|------|-------|-------|-----|---|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | ≥34 | |
| ≥10 | 1 | 1 | 1 | + | 0 | 0 |
| 8,9 | + | 1 | 1 | + | + | + |
| 6,7 | 2 | 2 | 1 | + | + | + |
| 4,5 | 2 | 4 | 2 | + | 0 | 0 |
| 2,3 | 5 | 8 | 4 | 1 | + | + |
| 0,1 | 5 | 12 | 8 | 1 | + | + |
| -2,-1 | 3 | 8 | 7 | 1 | 0 | 0 |
| -4,-3 | 2 | 4 | 4 | 1 | + | + |
| -6,-5 | + | 1 | 2 | 1 | 0 | 0 |
| -8,-7 | + | 1 | 1 | 1 | 0 | 0 |
| ≤-9 | 0 | + | + | + | + | + |



Sachs Harbour

| 10774 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|---|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥8 | + | + | + | + | + | 0 | |
| 6,7 | + | + | 1 | 1 | + | 0 | |
| 4,5 | + | 2 | 2 | + | 0 | | |
| 2,3 | 1 | 4 | 5 | 1 | + | | |
| 0,1 | 1 | 9 | 11 | 2 | + | | |
| -2,-1 | 1 | 7 | 9 | 1 | + | | |
| -4,-3 | 2 | 8 | 8 | 1 | 0 | | |
| -6,-5 | 1 | 3 | 3 | + | 0 | | |
| -8,-7 | + | 2 | 3 | + | 0 | | |
| -10,-9 | + | 1 | 1 | + | 0 | | |
| ≤-11 | + | 2 | 2 | 1 | 0 | | |

Mould Bay

| 9464 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥2 | + | 1 | + | + | 0 | | |
| 0,1 | + | 3 | 1 | + | 0 | | |
| -2,-1 | 2 | 5 | 4 | 1 | + | | |
| -4,-3 | 3 | 9 | 8 | 1 | + | | |
| -6,-5 | 3 | 6 | 5 | 1 | + | | |
| -8,-7 | 2 | 6 | 4 | 1 | + | | |
| -10,-9 | 2 | 4 | 3 | 1 | + | | |
| -12,-11 | 1 | 3 | 2 | + | 0 | | |
| -14,-13 | 1 | 2 | 2 | + | 0 | | |
| -16,-15 | 1 | 1 | 1 | + | 0 | | |
| ≤-17 | 3 | 2 | 1 | + | 0 | | |

Marine Area A

| 838 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥8 | 0 | + | + | + | 0 | | |
| 6,7 | + | 1 | 1 | 0 | 0 | | |
| 4,5 | 1 | 2 | 2 | 1 | + | | |
| 2,3 | 1 | 5 | 8 | 2 | + | | |
| 0,1 | 1 | 8 | 12 | 5 | + | | |
| -2,-1 | 2 | 6 | 9 | 2 | + | | |
| -4,-3 | 2 | 2 | 5 | 1 | 0 | | |
| -6,-5 | 2 | 3 | 2 | 1 | 0 | | |
| -8,-7 | 3 | 2 | 1 | 1 | 0 | | |
| -10,-9 | 1 | 1 | 1 | + | 0 | | |
| ≤-11 | 1 | 1 | 1 | + | 0 | | |

Marine Area B

| 2463 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥8 | + | + | 1 | + | 0 | | |
| 6,7 | + | 1 | 1 | + | + | | |
| 4,5 | 1 | 1 | 2 | 1 | 0 | | |
| 2,3 | 1 | 3 | 5 | 1 | + | | |
| 0,1 | 3 | 10 | 13 | 4 | + | | |
| -2,-1 | 2 | 10 | 10 | 2 | + | | |
| -4,-3 | 1 | 6 | 6 | 1 | + | | |
| -6,-5 | + | 2 | 3 | + | + | | |
| -8,-7 | 1 | 1 | 2 | + | 0 | | |
| -10,-9 | + | + | 1 | 0 | 0 | | |
| ≤-11 | 0 | + | 1 | + | + | | |

Marine Area C

| 6932 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥10 | + | + | + | + | 0 | | |
| 8,9 | + | 1 | 2 | + | + | | |
| 6,7 | 1 | 2 | 4 | 1 | + | | |
| 4,5 | 1 | 4 | 7 | 3 | + | | |
| 2,3 | 1 | 6 | 9 | 3 | + | | |
| 0,1 | 2 | 8 | 10 | 4 | + | | |
| -2,-1 | 1 | 6 | 6 | 2 | + | | |
| -4,-3 | 1 | 2 | 3 | 1 | + | | |
| -6,-5 | + | 2 | 2 | 1 | + | | |
| -8,-7 | + | 1 | 1 | + | 0 | | |
| ≤-9 | + | 1 | 1 | + | + | | |

Marine Area D

| 2213 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| ≥12 | + | 1 | + | 0 | 0 | | |
| 10,11 | + | 1 | + | + | + | | |
| 8,9 | + | 2 | 2 | 1 | 0 | | |
| 6,7 | 1 | 4 | 8 | 2 | + | | |
| 4,5 | 2 | 6 | 11 | 4 | 1 | | |
| 2,3 | 1 | 6 | 8 | 5 | 1 | | |
| 0,1 | 3 | 5 | 6 | 3 | 1 | | |
| -2,-1 | 1 | 3 | 2 | 1 | + | | |
| -4,-3 | + | 1 | 2 | 1 | 0 | | |
| -6,-5 | + | + | 1 | + | 0 | | |
| ≤-7 | + | 0 | + | 0 | 0 | | |

7 Air Temperature Extremes

September

Ostrov Vrangeliya

| 4248 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | 1 | 2 | 2 | + | + | 0 | |
| -2,-1 | 1 | 3 | 3 | + | + | | |
| -4,-3 | 1 | 5 | 5 | 1 | + | | |
| -6,-5 | 1 | 4 | 5 | 1 | + | | |
| -8,-7 | 2 | 5 | 7 | 2 | 1 | | |
| -10,-9 | 1 | 3 | 4 | 1 | 1 | | |
| -12,-11 | 2 | 4 | 3 | 1 | + | | |
| -14,-13 | 2 | 3 | 4 | 1 | + | | |
| -16,-15 | 1 | 2 | 3 | 1 | + | | |
| -18,-17 | 1 | 2 | 2 | 1 | + | | |
| ≤-19 | 2 | 1 | 1 | 1 | + | | |

Mys Shmidta

| 4565 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | 1 | 1 | + | + | 0 | |
| -2,-1 | 1 | 4 | 3 | + | + | | |
| -4,-3 | 1 | 4 | 5 | 2 | + | | |
| -6,-5 | 1 | 3 | 6 | 2 | 1 | | |
| -8,-7 | 2 | 5 | 6 | 2 | 1 | | |
| -10,-9 | 1 | 3 | 3 | 1 | + | | |
| -12,-11 | 2 | 3 | 3 | 1 | 1 | | |
| -14,-13 | 2 | 3 | 3 | 2 | + | | |
| -16,-15 | 1 | 2 | 2 | 1 | + | | |
| -18,-17 | 1 | 2 | 2 | + | + | | |
| ≤-19 | 3 | 2 | 1 | 1 | + | | |

Ostrov Kolyuchino

| 2709 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | 0 | + | + | + | 0 | |
| 2,3 | + | 1 | 1 | + | + | | |
| 0,1 | + | 2 | 3 | 1 | + | | |
| -2,-1 | 1 | 5 | 8 | 4 | 1 | | |
| -4,-3 | 1 | 5 | 7 | 5 | 1 | | |
| -6,-5 | 1 | 3 | 7 | 4 | 2 | | |
| -8,-7 | 1 | 6 | 6 | 2 | 1 | | |
| -10,-9 | + | 2 | 2 | 1 | + | | |
| -12,-11 | + | 2 | 2 | 1 | + | | |
| -14,-13 | + | 1 | 2 | + | + | | |
| ≤-15 | 2 | 3 | 2 | 1 | + | | |

Mys Uelen

| 4532 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | 0 | + | + | + | + | + | |
| 4,5 | + | + | + | 1 | + | + | |
| 2,3 | 1 | 2 | 5 | 2 | 1 | | |
| 0,1 | 1 | 3 | 6 | 2 | + | | |
| -2,-1 | 1 | 6 | 10 | 7 | 2 | | |
| -4,-3 | 1 | 3 | 7 | 6 | 1 | | |
| -6,-5 | 1 | 3 | 4 | 4 | 1 | | |
| -8,-7 | 1 | 3 | 3 | 2 | + | | |
| -10,-9 | + | 1 | 1 | 1 | + | | |
| -12,-11 | + | 1 | 1 | + | + | | |
| ≤-13 | 1 | 2 | 1 | + | 0 | | |

Tin City

| 19607 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | + | + | + | + | + | |
| 4,5 | + | 1 | 1 | 1 | + | | |
| 2,3 | 1 | 2 | 4 | 1 | + | | |
| 0,1 | 1 | 5 | 7 | 3 | + | | |
| -2,-1 | 2 | 5 | 8 | 2 | + | | |
| -4,-3 | 2 | 6 | 9 | 4 | + | | |
| -6,-5 | 1 | 4 | 5 | 2 | + | | |
| -8,-7 | 1 | 3 | 4 | 2 | + | | |
| -10,-9 | + | 2 | 3 | 1 | + | | |
| -12,-11 | + | 1 | 1 | + | + | | |
| ≤-13 | + | 1 | 1 | + | + | | |

Kotzebue

| 21788 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | 1 | 2 | + | + | 0 | |
| 2,3 | + | 2 | 4 | 1 | 0 | | |
| 0,1 | 1 | 6 | 8 | 1 | + | | |
| -2,-1 | 1 | 5 | 5 | 1 | 0 | | |
| -4,-3 | 1 | 7 | 6 | 2 | + | | |
| -6,-5 | 1 | 5 | 4 | 1 | + | | |
| -8,-7 | 1 | 6 | 4 | 1 | + | | |
| -10,-9 | + | 5 | 3 | 1 | + | | |
| -12,-11 | + | 3 | 2 | + | + | | |
| -14,-13 | + | 3 | 1 | + | 0 | | |
| ≤-15 | + | 5 | 1 | + | 0 | | |

Cape Lisburne

| 20259 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | + | 1 | 1 | + | | |
| 2,3 | 1 | 1 | 2 | 1 | + | | |
| 0,1 | 2 | 3 | 3 | 1 | + | | |
| -2,-1 | 2 | 4 | 5 | 2 | + | | |
| -4,-3 | 3 | 6 | 8 | 3 | + | | |
| -6,-5 | 2 | 5 | 5 | 2 | + | | |
| -8,-7 | 1 | 4 | 5 | 1 | + | | |
| -10,-9 | 1 | 4 | 3 | 1 | + | | |
| -12,-11 | + | 2 | 2 | 1 | + | | |
| -14,-13 | + | 2 | 3 | + | + | | |
| ≤-15 | + | 2 | 3 | + | + | | |

Point Lay

| 2966 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | 1 | 4 | 3 | + | + | | |
| -2,-1 | 1 | 4 | 3 | + | + | | |
| -4,-3 | 2 | 5 | 3 | + | + | | |
| -6,-5 | 2 | 4 | 3 | + | + | | |
| -8,-7 | 3 | 6 | 3 | + | + | | |
| -10,-9 | 1 | 4 | 3 | + | + | | |
| -12,-11 | 1 | 4 | 2 | + | + | | |
| -14,-13 | 1 | 4 | 3 | + | + | | |
| -16,-15 | 1 | 3 | 2 | + | + | | |
| -18,-17 | 1 | 3 | 2 | + | + | | |
| ≤-19 | 1 | 6 | 4 | + | + | | |

Barrow

| 19089 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | 1 | 3 | + | + | | |
| -2,-1 | + | 2 | 4 | 1 | + | | |
| -4,-3 | 1 | 4 | 6 | 1 | + | | |
| -6,-5 | 1 | 4 | 4 | 1 | 0 | | |
| -8,-7 | 1 | 7 | 6 | 1 | + | | |
| -10,-9 | + | 6 | 5 | 1 | + | | |
| -12,-11 | + | 3 | 3 | + | 0 | | |
| -14,-13 | + | 4 | 4 | + | 0 | | |
| -16,-15 | + | 3 | 3 | + | 0 | | |
| -18,-17 | + | 3 | 3 | + | 0 | | |
| ≤-19 | 1 | 7 | 3 | + | 0 | | |

Lonely

| 3340 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | 2 | 1 | + | + | 0 | |
| -2,-1 | + | 3 | 2 | 1 | + | | |
| -4,-3 | 1 | 5 | 4 | 2 | + | | |
| -6,-5 | 1 | 5 | 4 | 2 | + | | |
| -8,-7 | 2 | 6 | 4 | 1 | 0 | | |
| -10,-9 | 2 | 5 | 4 | 1 | 0 | | |
| -12,-11 | 1 | 4 | 2 | + | + | | |
| -14,-13 | 1 | 4 | 2 | 1 | 0 | | |
| -16,-15 | 1 | 3 | 2 | + | 0 | | |
| -18,-17 | 1 | 4 | 2 | + | + | | |
| ≤-19 | 3 | 8 | 2 | + | 0 | | |

Ollitok

| 3320 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | 2 | 1 | + | + | | |
| -2,-1 | + | 2 | 3 | 1 | + | | |
| -4,-3 | 2 | 4 | 4 | 2 | 1 | | |
| -6,-5 | 1 | 5 | 5 | 1 | + | | |
| -8,-7 | 2 | 6 | 4 | 1 | + | | |
| -10,-9 | 2 | 5 | 3 | 1 | 0 | | |
| -12,-11 | 1 | 4 | 2 | + | + | | |
| -14,-13 | 1 | 4 | 2 | 1 | + | | |
| -16,-15 | 1 | 2 | 1 | + | 0 | | |
| -18,-17 | 1 | 4 | 2 | + | 0 | | |
| ≤-19 | 3 | 8 | 2 | + | 0 | | |

Barter

| 18073 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | 2 | + | + | + | | |
| -2,-1 | 1 | 3 | 3 | 1 | + | | |
| -4,-3 | 1 | 5 | 5 | 2 | + | | |
| -6,-5 | 1 | 4 | 5 | 3 | + | | |
| -8,-7 | 1 | 6 | 6 | 3 | + | | |
| -10,-9 | 1 | 6 | 4 | 2 | + | | |
| -12,-11 | 1 | 4 | 2 | 1 | + | | |
| -14,-13 | 1 | 4 | 3 | 1 | + | | |
| -16,-15 | + | 2 | 2 | + | + | | |
| -18,-17 | + | 3 | 1 | + | + | | |
| ≤-19 | 1 | 5 | 2 | + | + | | |

Tuktoyaktuk

| 3217 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | 1 | + | + | 0 | 0 | |
| 0,1 | + | 3 | 3 | + | 0 | | |
| -2,-1 | + | 5 | 4 | + | + | | |
| -4,-3 | 1 | 8 | 7 | 1 | 0 | | |
| -6,-5 | 1 | 6 | 4 | + | 0 | | |
| -8,-7 | 2 | 7 | 5 | + | 0 | | |
| -10,-9 | 1 | 5 | 4 | + | 0 | | |
| -12,-11 | 1 | 3 | 2 | + | + | | |
| -14,-13 | 1 | 3 | 3 | + | 0 | | |
| -16,-15 | 1 | 3 | 2 | + | 0 | | |
| ≤-17 | 2 | 6 | 2 | + | 0 | | |

Cape Parry

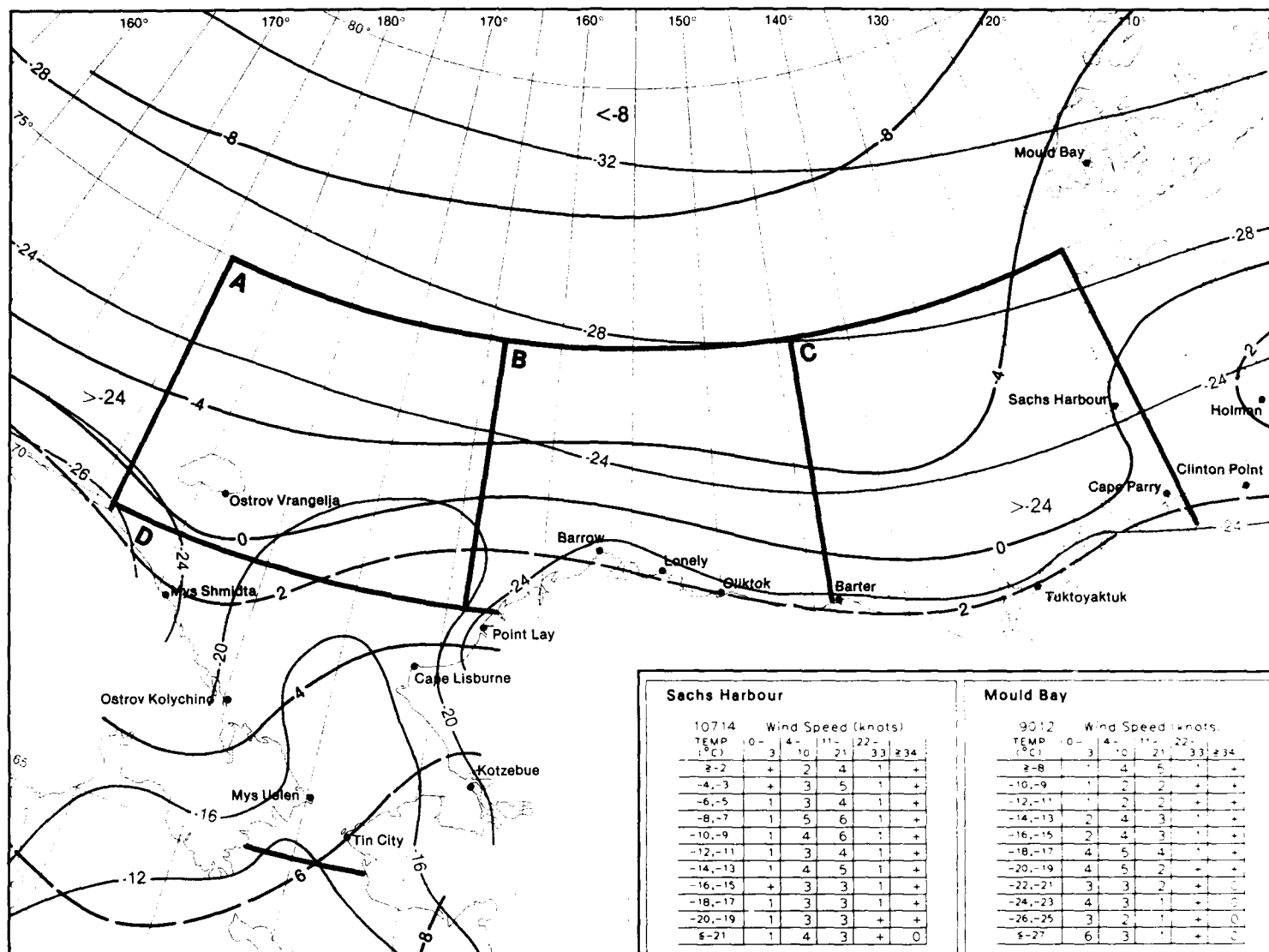
| 19740 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | + | + | + | + | 0 | |
| 0,1 | 1 | 2 | 3 | + | 0 | | |
| -2,-1 | 1 | 4 | 6 | 1 | 0 | | |
| -4,-3 | 2 | 6 | 10 | 2 | + | | |
| -6,-5 | 1 | 5 | 6 | 2 | + | | |
| -8,-7 | 1 | 5 | 7 | 1 | + | | |
| -10,-9 | 1 | 4 | 5 | 1 | + | | |
| -12,-11 | 1 | 2 | 2 | + | + | | |
| -14,-13 | 1 | 2 | 2 | 1 | 0 | | |
| -16,-15 | 1 | 1 | 1 | + | + | | |
| ≤-17 | 2 | 2 | 2 | + | + | | |

Clinton Point

| 4475 | | Wind Speed (knots) | | | | | |
|--------------|----|--------------------|----|----|-----|-----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | ≥34 |
| ≥0 | + | + | + | + | 0 | 0 | |
| 0,1 | + | 2 | 2 | + | 0 | | |
| -2,-1 | 1 | 5 | 3 | 1 | + | | |
| -4,-3 | 1 | 7 | 6 | 2 | + | | |
| -6,-5 | 1 | 5 | 6 | 2 | + | | |
| -8,-7 | 1 | 6 | 7 | 3 | + | | |
| -10,-9 | 1 | 6 | 4 | 1 | + | | |
| -12,-11 | + | 3 | 2 | + | + | | |
| -14,-13 | + | 3 | 2 | + | + | | |
| -16,-15 | + | 3 | 1 | + | 0 | | |
| ≤-17 | 1 | 4 | 2 | + | 0 | | |

Holman

| 3219 | | Wind Speed (knots) | | | | | | |
|--------------|----|--------------------|----|----|-----|-----|----|-----|
| TEMP (°C) | 0- | 3 | 4- | 10 | 11- | 22- | 33 | ≥34 |
| ≥0 | 1 | 1 | 1 | 1 | + | + | 0 | |
| 0,1 | 1 | 2 | 1 | + | + | | | |
| -2,-1 | 2 | 3 | 3 | 1 | + | | | |
| -4,-3 | 3 | 6 | 5 | 1 | + | | | |
| -6,-5 | 2 | 6 | 4 | 2 | + | | | |
| -8,-7 | 2 | 8 | 6 | 2 | + | | | |
| -10,-9 | 1 | 6 | 5 | 1 | + | | | |
| -12,-11 | 1 | 3 | 5 | 1 | + | | | |
| -14,-13 | 1 | 2 | 2 | 1 | + | | | |
| -16,-15 | 1 | 1 | 2 | + | + | | | |
| Σ-17 | 1 | 2 | 2 | 1 | + | | | |



Sachs Harbour

| 10714 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -2 | 1 1 1 1 1 1 |
| -4,-3 | 1 1 1 1 1 1 |
| -6,-5 | 1 1 1 1 1 1 |
| -8,-7 | 1 1 1 1 1 1 |
| -10,-9 | 1 1 1 1 1 1 |
| -12,-11 | 1 1 1 1 1 1 |
| -14,-13 | 1 1 1 1 1 1 |
| -16,-15 | 1 1 1 1 1 1 |
| -18,-17 | 1 1 1 1 1 1 |
| -20,-19 | 1 1 1 1 1 1 |
| -21 | 1 1 1 1 1 1 |

Mould Bay

| 9012 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -8 | 1 1 1 1 1 1 |
| -10,-9 | 1 1 1 1 1 1 |
| -12,-11 | 1 1 1 1 1 1 |
| -14,-13 | 1 1 1 1 1 1 |
| -16,-15 | 1 1 1 1 1 1 |
| -18,-17 | 1 1 1 1 1 1 |
| -20,-19 | 1 1 1 1 1 1 |
| -22,-21 | 1 1 1 1 1 1 |
| -24,-23 | 1 1 1 1 1 1 |
| -26,-25 | 1 1 1 1 1 1 |
| -27 | 1 1 1 1 1 1 |

Marine Area A

| 280 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -2 | 1 1 1 1 1 1 |
| -4,-3 | 1 1 1 1 1 1 |
| -6,-5 | 1 1 1 1 1 1 |
| -8,-7 | 1 1 1 1 1 1 |
| -10,-9 | 1 1 1 1 1 1 |
| -12,-11 | 1 1 1 1 1 1 |
| -14,-13 | 1 1 1 1 1 1 |
| -16,-15 | 1 1 1 1 1 1 |
| -18,-17 | 1 1 1 1 1 1 |
| -20,-19 | 1 1 1 1 1 1 |
| -21 | 1 1 1 1 1 1 |

Marine Area B

| 1008 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -4 | 1 1 1 1 1 1 |
| -6,-5 | 1 1 1 1 1 1 |
| -8,-7 | 1 1 1 1 1 1 |
| -10,-9 | 1 1 1 1 1 1 |
| -12,-11 | 1 1 1 1 1 1 |
| -14,-13 | 1 1 1 1 1 1 |
| -16,-15 | 1 1 1 1 1 1 |
| -18,-17 | 1 1 1 1 1 1 |
| -20,-19 | 1 1 1 1 1 1 |
| -22,-21 | 1 1 1 1 1 1 |
| -23 | 1 1 1 1 1 1 |

Marine Area C

| 3623 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -2 | 1 1 1 1 1 1 |
| -4,-3 | 1 1 1 1 1 1 |
| -6,-5 | 1 1 1 1 1 1 |
| -8,-7 | 1 1 1 1 1 1 |
| -10,-9 | 1 1 1 1 1 1 |
| -12,-11 | 1 1 1 1 1 1 |
| -14,-13 | 1 1 1 1 1 1 |
| -16,-15 | 1 1 1 1 1 1 |
| -17 | 1 1 1 1 1 1 |

Marine Area D

| 865 | Wind Speed (knots) |
|-----------|---------------------------|
| TEMP (°C) | 0- 3 4- 10 11- 22- 33- 34 |
| -6 | 1 1 1 1 1 1 |
| -4,5 | 1 1 1 1 1 1 |
| -2,3 | 1 1 1 1 1 1 |
| -4,-3 | 1 1 1 1 1 1 |
| -6,-5 | 1 1 1 1 1 1 |
| -8,-7 | 1 1 1 1 1 1 |
| -10,-9 | 1 1 1 1 1 1 |
| -12,-11 | 1 1 1 1 1 1 |
| -13 | 1 1 1 1 1 1 |

7 Air Temperature Extremes

October

Ostrov Vrangolja

| 4118 Wind Speed (knots) | | TEMP (°C) | | | | | |
|-------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-6 | 1 | 2 | 4 | 2 | 1 | + | + |
| -8,-7 | 1 | 2 | 5 | 1 | + | + | + |
| -10,-9 | + | 1 | 2 | 1 | + | + | + |
| -12,-11 | 1 | 2 | 3 | 1 | 1 | + | + |
| -14,-13 | 1 | 3 | 4 | 2 | + | + | + |
| -16,-15 | 1 | 3 | 4 | 2 | 1 | + | + |
| -18,-17 | 2 | 3 | 5 | 3 | 1 | + | + |
| -20,-19 | 1 | 3 | 3 | 2 | 1 | + | + |
| -22,-21 | 1 | 3 | 4 | 2 | 1 | + | + |
| -24,-23 | 1 | 3 | 2 | 1 | + | + | + |
| ≤-25 | 2 | 3 | 1 | + | + | + | + |

Mys Shmidta

| 4342 Wind Speed (knots) | | TEMP (°C) | | | | | |
|-------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-8 | 1 | 4 | 8 | 3 | 1 | + | + |
| -10,-9 | + | 1 | 2 | + | + | + | + |
| -12,-11 | 1 | 2 | 2 | 1 | + | + | + |
| -14,-13 | 1 | 2 | 3 | 2 | 1 | + | + |
| -16,-15 | 1 | 2 | 3 | 2 | 1 | + | + |
| -18,-17 | 2 | 3 | 4 | 2 | 1 | + | + |
| -20,-19 | 1 | 2 | 3 | 2 | + | + | + |
| -22,-21 | 1 | 3 | 3 | 2 | 1 | + | + |
| -24,-23 | 1 | 2 | 3 | 2 | + | + | + |
| -26,-25 | 2 | 2 | 3 | 1 | + | + | + |
| ≤-27 | 4 | 4 | 3 | 1 | + | + | + |

Ostrov Kolychino

| 2577 Wind Speed (knots) | | TEMP (°C) | | | | | |
|-------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-4 | + | 2 | 5 | 2 | 1 | + | + |
| -6,-5 | + | 1 | 4 | 2 | 1 | + | + |
| -8,-7 | + | 2 | 6 | 2 | 1 | + | + |
| -10,-9 | + | 1 | 3 | 1 | + | + | + |
| -12,-11 | 1 | 2 | 4 | 1 | + | + | + |
| -14,-13 | + | 2 | 4 | 2 | 1 | + | + |
| -16,-15 | 1 | 3 | 4 | 1 | + | + | + |
| -18,-17 | 1 | 4 | 4 | 1 | + | + | + |
| -20,-19 | + | 2 | 2 | 1 | + | + | + |
| -22,-21 | 1 | 3 | 2 | 1 | 0 | + | + |
| ≤-23 | 3 | 7 | 4 | 1 | 0 | + | + |

Mys Uelen

| 4328 Wind Speed (knots) | | TEMP (°C) | | | | | |
|-------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥0 | + | + | + | + | 2 | 2 | + |
| -2,-1 | + | + | 3 | 2 | + | + | + |
| -4,-3 | 1 | 2 | 4 | 3 | + | + | + |
| -6,-5 | 1 | 3 | 4 | 4 | + | + | + |
| -8,-7 | 1 | 3 | 5 | 4 | + | + | + |
| -10,-9 | + | 2 | 3 | 2 | + | + | + |
| -12,-11 | 1 | 2 | 3 | 2 | + | + | + |
| -14,-13 | 1 | 3 | 3 | 2 | + | + | + |
| -16,-15 | + | 3 | 3 | 1 | + | + | + |
| -18,-17 | 1 | 2 | 3 | 1 | + | + | + |
| ≤-19 | 3 | 4 | 4 | 1 | + | + | + |

Tin City

| 19014 Wind Speed (knots) | | TEMP (°C) | | | | | |
|--------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥0 | + | 1 | 2 | 2 | + | + | + |
| -2,-1 | 1 | 2 | 2 | 1 | + | + | + |
| -4,-3 | 1 | 2 | 4 | 2 | + | + | + |
| -6,-5 | 1 | 2 | 4 | 2 | + | + | + |
| -8,-7 | 1 | 2 | 6 | 3 | + | + | + |
| -10,-9 | 1 | 3 | 6 | 3 | 1 | + | + |
| -12,-11 | 1 | 2 | 4 | 2 | + | + | + |
| -14,-13 | + | 2 | 6 | 3 | + | + | + |
| -16,-15 | + | 1 | 4 | 2 | + | + | + |
| -18,-17 | + | 1 | 3 | 1 | + | + | + |
| ≤-19 | + | 1 | 4 | 2 | + | + | + |

Kotzebue

| 21084 Wind Speed (knots) | | TEMP (°C) | | | | | |
|--------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-4 | 1 | 2 | 5 | 3 | + | + | + |
| -6,-5 | 1 | 2 | 3 | 1 | + | + | + |
| -8,-7 | 1 | 3 | 5 | 2 | + | + | + |
| -10,-9 | 1 | 4 | 4 | 2 | + | + | + |
| -12,-11 | 1 | 4 | 3 | 1 | + | + | + |
| -14,-13 | 1 | 5 | 4 | 2 | + | + | + |
| -16,-15 | 1 | 4 | 3 | 1 | + | + | + |
| -18,-17 | 1 | 5 | 2 | 1 | + | + | + |
| -20,-19 | 1 | 4 | 2 | 1 | + | + | + |
| -22,-21 | + | 2 | 1 | + | + | + | + |
| ≤-23 | 3 | 8 | 2 | + | + | + | + |

Cape Lisburne

| 19420 Wind Speed (knots) | | TEMP (°C) | | | | | |
|--------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-4 | 2 | 3 | 5 | 4 | 1 | + | + |
| -6,-5 | 1 | 2 | 2 | 1 | + | + | + |
| -8,-7 | 1 | 3 | 3 | 1 | + | + | + |
| -10,-9 | 1 | 4 | 3 | 1 | + | + | + |
| -12,-11 | 1 | 3 | 3 | 1 | + | + | + |
| -14,-13 | 1 | 5 | 4 | 1 | + | + | + |
| -16,-15 | 1 | 5 | 4 | 1 | + | + | + |
| -18,-17 | 1 | 5 | 4 | 1 | + | + | + |
| -20,-19 | 1 | 4 | 5 | 1 | + | + | + |
| -22,-21 | 1 | 2 | 2 | 1 | 0 | + | + |
| ≤-23 | 1 | 3 | 2 | + | + | + | + |

Point Lay

| 3103 Wind Speed (knots) | | TEMP (°C) | | | | | |
|-------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-8 | 1 | 6 | 5 | 2 | + | + | + |
| -10,-9 | 1 | 2 | 2 | + | + | + | + |
| -12,-11 | 1 | 3 | 1 | + | + | + | + |
| -14,-13 | 1 | 4 | 2 | + | + | + | + |
| -16,-15 | 1 | 3 | 3 | + | + | + | + |
| -18,-17 | 1 | 4 | 4 | + | + | + | + |
| -20,-19 | 1 | 3 | 3 | 2 | + | + | + |
| -22,-21 | 1 | 3 | 3 | 2 | + | + | + |
| -24,-23 | 1 | 3 | 3 | 2 | + | + | + |
| -26,-25 | 1 | 2 | 2 | 1 | + | + | + |
| ≤-27 | 2 | 7 | 6 | 1 | + | + | + |

Barrow

| 18466 Wind Speed (knots) | | TEMP (°C) | | | | | |
|--------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-10 | 1 | 5 | 8 | 2 | + | + | + |
| -12,-11 | + | 1 | 2 | 1 | 0 | + | + |
| -14,-13 | + | 3 | 4 | 1 | + | + | + |
| -16,-15 | + | 3 | 4 | 1 | + | + | + |
| -18,-17 | 1 | 5 | 5 | 1 | + | + | + |
| -20,-19 | + | 5 | 4 | 1 | 0 | + | + |
| -22,-21 | + | 5 | 4 | 1 | 0 | + | + |
| -24,-23 | + | 6 | 5 | + | 0 | + | + |
| -26,-25 | + | 4 | 2 | + | 0 | + | + |
| -28,-27 | 1 | 4 | 1 | 0 | 0 | + | + |
| ≤-29 | 1 | 5 | 1 | 0 | 0 | + | + |

Lonely

| 3268 Wind Speed (knots) | | TEMP (°C) | | | | | |
|-------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-10 | 1 | 5 | 5 | 2 | + | + | + |
| -12,-11 | + | 2 | 1 | + | + | + | + |
| -14,-13 | 1 | 4 | 3 | 1 | + | + | + |
| -16,-15 | 1 | 3 | 2 | 1 | + | + | + |
| -18,-17 | 2 | 3 | 4 | 1 | + | + | + |
| -20,-19 | 1 | 4 | 4 | 1 | + | + | + |
| -22,-21 | 1 | 4 | 3 | 1 | + | + | + |
| -24,-23 | 1 | 5 | 4 | 1 | + | + | + |
| -26,-25 | 2 | 4 | 3 | + | 0 | + | + |
| -28,-27 | 1 | 4 | 1 | + | 0 | + | + |
| ≤-29 | 3 | 6 | 1 | + | 0 | + | + |

Oliktok

| 3199 Wind Speed (knots) | | TEMP (°C) | | | | | |
|-------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-10 | 1 | 4 | 5 | 2 | + | + | + |
| -12,-11 | 1 | 2 | 2 | 1 | + | + | + |
| -14,-13 | 1 | 3 | 4 | 1 | + | + | + |
| -16,-15 | 1 | 3 | 3 | 1 | + | + | + |
| -18,-17 | 1 | 3 | 4 | 1 | + | + | + |
| -20,-19 | 1 | 3 | 3 | 1 | + | + | + |
| -22,-21 | 1 | 4 | 3 | 1 | + | + | + |
| -24,-23 | 2 | 4 | 3 | 2 | 0 | + | + |
| -26,-25 | 1 | 4 | 2 | + | 0 | + | + |
| -28,-27 | 1 | 4 | 2 | + | 0 | + | + |
| ≤-29 | 3 | 7 | 2 | + | 0 | + | + |

Barter

| 17447 Wind Speed (knots) | | TEMP (°C) | | | | | |
|--------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-8 | + | 3 | 4 | 3 | + | + | + |
| -10,-9 | + | 2 | 3 | 2 | + | + | + |
| -12,-11 | + | 2 | 2 | 1 | + | + | + |
| -14,-13 | 1 | 3 | 4 | 2 | + | + | + |
| -16,-15 | 1 | 3 | 3 | 1 | + | + | + |
| -18,-17 | 1 | 4 | 3 | 2 | + | + | + |
| -20,-19 | 1 | 4 | 4 | 2 | + | + | + |
| -22,-21 | 1 | 3 | 2 | 1 | + | + | + |
| -24,-23 | 1 | 5 | 4 | 1 | + | + | + |
| -26,-25 | 1 | 3 | 2 | + | + | + | + |
| ≤-27 | 2 | 10 | 3 | 1 | + | + | + |

Tuktoyaktuk

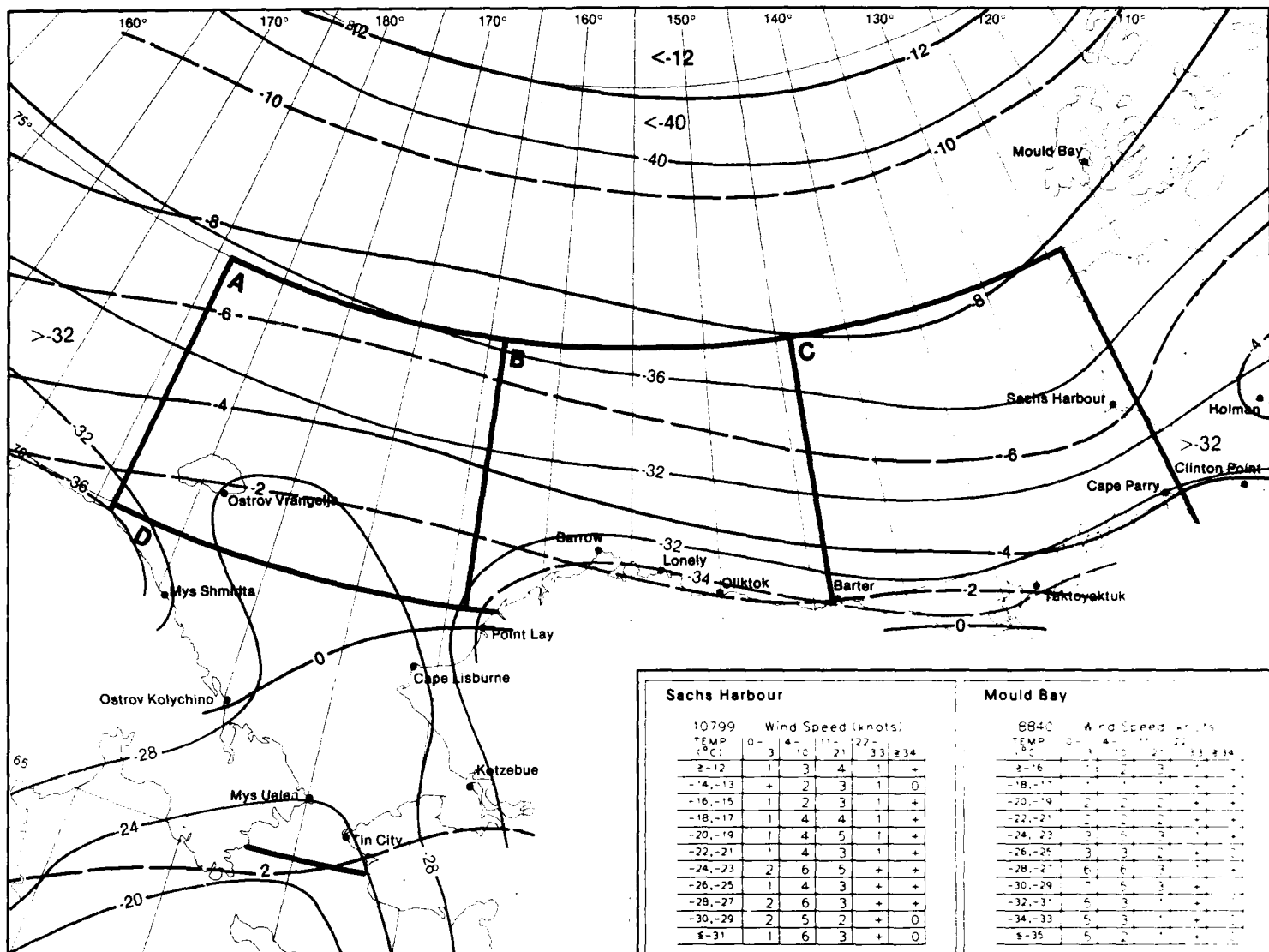
| 3117 Wind Speed (knots) | | TEMP (°C) | | | | | |
|-------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-10 | 1 | 5 | 5 | 1 | + | + | + |
| -12,-11 | + | 2 | 2 | + | 0 | + | + |
| -14,-13 | 1 | 4 | 3 | + | 0 | + | + |
| -16,-15 | 1 | 5 | 2 | 1 | 0 | + | + |
| -18,-17 | 1 | 5 | 4 | 1 | + | + | + |
| -20,-19 | 1 | 5 | 3 | + | 0 | + | + |
| -22,-21 | 1 | 4 | 3 | + | 0 | + | + |
| -24,-23 | 2 | 6 | 2 | + | 0 | + | + |
| -26,-25 | 2 | 4 | 2 | 0 | 0 | + | + |
| -28,-27 | 2 | 4 | 1 | 0 | 0 | + | + |
| ≤-29 | 4 | 8 | 1 | 0 | 0 | + | + |

Cape Parry

| 19173 Wind Speed (knots) | | TEMP (°C) | | | | | |
|--------------------------|---|-----------|----|-----|-----|----|-----|
| | | 0- | 4- | 11- | 22- | 33 | ≥34 |
| ≥-8 | 1 | 2 | 3 | 1 | + | + | + |
| -10,-9 | 1 | 2 | 3 | 1 | + | + | + |
| -12,-11 | 1 | 2 | 2 | 1 | + | + | + |
| -14,-13 | 1 | 4 | 5 | 1 | + | + | + |
| -16,-15 | 1 | 3 | 4 | 1 | + | + | + |
| -18,-17 | 1 | 4 | 4 | 1 | + | + | + |
| -20,-19 | 2 | 4 | 4 | 1 | 0 | + | + |
| -22,-21 | 2 | 3 | 3 | 1 | + | + | + |
| -24,-23 | 2 | 4 | 3 | + | + | + | + |
| -26,-25 | 2 | 3 | 2 | + | 0 | + | + |
| ≤-27 | 4 | 5 | 3 | + | 0 | + | + |

Clinton Point

| 4337 | | Wind Speed (knots) | | | | | | |
|--------------|----|--------------------|----|-----|-----|----|-----|--|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33 | ≥34 | |
| ≥-8 | 1 | 3 | 4 | 1 | + | | | |
| -10,-9 | 1 | 4 | 4 | 1 | + | | | |
| -12,-11 | 1 | 3 | 4 | 1 | + | | | |
| -14,-13 | 1 | 4 | 5 | 1 | + | | | |
| -16,-15 | 1 | 3 | 4 | 1 | 0 | | | |
| -18,-17 | 1 | 4 | 4 | 1 | + | | | |
| -20,-19 | 1 | 4 | 3 | 1 | + | | | |
| -22,-21 | 1 | 3 | 2 | + | + | | | |
| -24,-23 | 1 | 4 | 3 | 1 | + | | | |
| -26,-25 | + | 3 | 2 | 1 | + | | | |
| ≤-27 | 3 | 11 | 2 | + | 0 | | | |



Sachs Harbour

| 10799 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| -2,-12 | 1 | 3 | 4 | 1 | + | | |
| -4,-13 | + | 2 | 3 | 1 | 0 | | |
| -16,-15 | 1 | 2 | 3 | 1 | + | | |
| -18,-17 | 1 | 4 | 4 | 1 | + | | |
| -20,-19 | 1 | 4 | 5 | 1 | + | | |
| -22,-21 | 1 | 4 | 3 | 1 | + | | |
| -24,-23 | 2 | 6 | 5 | + | + | | |
| -26,-25 | 1 | 4 | 3 | + | + | | |
| -28,-27 | 2 | 6 | 3 | + | + | | |
| -30,-29 | 2 | 5 | 2 | + | 0 | | |
| 5-31 | 1 | 6 | 3 | + | 0 | | |

Mould Bay

| 8840 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| -2,-16 | 1 | 2 | 2 | 1 | + | | |
| -18,-17 | 1 | 2 | 2 | 1 | + | | |
| -20,-19 | 2 | 2 | 2 | 1 | + | | |
| -22,-21 | 2 | 2 | 2 | 1 | + | | |
| -24,-23 | 2 | 2 | 2 | 1 | + | | |
| -26,-25 | 3 | 3 | 2 | 1 | + | | |
| -28,-27 | 6 | 6 | 3 | 1 | + | | |
| -30,-29 | 1 | 5 | 3 | 1 | + | | |
| -32,-31 | 5 | 3 | 1 | + | + | | |
| -34,-33 | 5 | 3 | 1 | + | + | | |
| 5-35 | 5 | 2 | 1 | + | + | | |

Marine Area A

| 114 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| -2,-14 | 1 | 1 | 6 | 1 | 0 | | |
| -16,-15 | 0 | 0 | 1 | 3 | 0 | | |
| -18,-17 | 0 | 3 | 1 | 2 | 0 | | |
| -20,-19 | 0 | 4 | 1 | 0 | 0 | | |
| -22,-21 | 2 | 1 | 0 | 0 | 0 | | |
| -24,-23 | 9 | 6 | 0 | 0 | 0 | | |
| -26,-25 | 7 | 4 | 2 | 0 | 0 | | |
| -28,-27 | 7 | 5 | 0 | 0 | 0 | | |
| -30,-29 | 4 | 4 | 0 | 0 | 0 | | |
| -32,-31 | 2 | 3 | 0 | 0 | 0 | | |
| 5-33 | 11 | 2 | 0 | 0 | 0 | | |

Marine Area B

| 838 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| -2,-12 | 1 | 3 | 2 | 1 | 0 | | |
| -14,-13 | 3 | 2 | 1 | + | 0 | | |
| -16,-15 | 6 | 2 | 2 | + | + | | |
| -18,-17 | 3 | 1 | 1 | 1 | + | | |
| -20,-19 | 3 | 2 | 1 | + | + | | |
| -22,-21 | 4 | 2 | 2 | 2 | + | | |
| -24,-23 | 4 | 4 | 3 | 1 | + | | |
| -26,-25 | 3 | 4 | 3 | 2 | 0 | | |
| -28,-27 | 5 | 3 | 5 | 1 | 0 | | |
| -30,-29 | 1 | 3 | 4 | 0 | 0 | | |
| 5-31 | + | 6 | 3 | + | 0 | | |

Marine Area C

| 1726 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| -2,-8 | 1 | 5 | 5 | 1 | 0 | | |
| -10,-9 | 1 | 3 | 2 | 2 | + | | |
| -12,-11 | 1 | 3 | 3 | 2 | + | | |
| -14,-13 | 1 | 3 | 3 | 2 | + | | |
| -16,-15 | 1 | 3 | 4 | 1 | 0 | | |
| -18,-17 | 1 | 3 | 3 | 1 | + | | |
| -20,-19 | 1 | 2 | 2 | 1 | + | | |
| -22,-21 | 2 | 5 | 2 | 1 | 0 | | |
| -24,-23 | 2 | 5 | 3 | + | 0 | | |
| -26,-25 | 3 | 5 | 2 | + | + | | |
| 5-27 | 3 | 5 | 1 | + | 0 | | |

Marine Area D

| 89 | Wind Speed (knots) | | | | | | |
|-----------|--------------------|------|-------|-------|----|--|--|
| TEMP (°C) | 0-3 | 4-10 | 11-21 | 22-33 | 34 | | |
| -2 | 0 | 0 | 2 | 1 | 1 | | |
| 0,1 | 0 | 1 | 1 | 1 | 4 | | |
| -2,-1 | 3 | 2 | 1 | 6 | 1 | | |
| -4,-3 | 0 | 0 | 3 | 2 | 1 | | |
| -6,-5 | 0 | 1 | 2 | 4 | 1 | | |
| -8,-7 | 1 | 0 | 1 | 3 | 1 | | |
| -10,-9 | 0 | 2 | 3 | 1 | 1 | | |
| -12,-11 | 0 | 0 | 9 | 4 | 1 | | |
| -14,-13 | 0 | 1 | 8 | 1 | 1 | | |
| -16,-15 | 0 | 0 | 1 | 3 | 1 | | |
| 5-17 | 0 | 0 | 4 | 2 | 0 | | |

7 Air Temperature Extremes

November

Ostrov Vrangolja

| 4183 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -12 | 1 | 3 | 2 | 1 | 0 | |
| -14,-13 | 1 | 1 | 1 | + | + | |
| -16,-15 | 1 | 2 | 2 | 1 | + | |
| -18,-17 | 2 | 3 | 4 | 1 | + | |
| -20,-19 | 2 | 2 | 2 | 1 | + | |
| -22,-21 | 3 | 3 | 4 | 2 | 1 | |
| -24,-23 | 3 | 5 | 4 | 2 | 1 | |
| -26,-25 | 4 | 5 | 3 | 2 | 1 | |
| -28,-27 | 5 | 5 | 3 | 1 | + | |
| -30,-29 | 2 | 2 | 1 | + | + | |
| -31 | 4 | 1 | 1 | + | 0 | |

Mys Shmidt

| 4427 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -14 | 1 | 3 | 2 | 1 | + | |
| -16,-15 | 1 | 2 | 1 | + | + | |
| -18,-17 | 2 | 3 | 3 | 1 | + | |
| -20,-19 | 1 | 2 | 2 | 1 | + | |
| -22,-21 | 2 | 2 | 3 | 1 | + | |
| -24,-23 | 2 | 3 | 4 | 1 | + | |
| -26,-25 | 2 | 3 | 4 | 2 | 1 | |
| -28,-27 | 3 | 5 | 5 | 1 | + | |
| -30,-29 | 1 | 3 | 3 | 1 | + | |
| -32,-31 | 2 | 2 | 3 | 1 | + | |
| -33 | 6 | 3 | 2 | 1 | + | |

Ostrov Kolychino

| 2548 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -12 | 1 | 3 | 7 | 2 | + | |
| -14,-13 | + | 1 | 2 | + | + | |
| -16,-15 | + | 2 | 2 | + | + | |
| -18,-17 | 1 | 4 | 5 | 1 | + | |
| -20,-19 | 1 | 2 | 2 | + | + | |
| -22,-21 | 1 | 3 | 4 | 1 | + | |
| -24,-23 | 1 | 5 | 5 | 1 | + | |
| -26,-25 | 1 | 4 | 4 | 1 | 0 | |
| -28,-27 | 2 | 6 | 4 | 1 | + | |
| -30,-29 | 2 | 4 | 2 | + | 0 | |
| -31 | 3 | 7 | 2 | + | 0 | |

Mys Uelen

| 4443 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -10 | 1 | 4 | 6 | 4 | + | |
| -12,-11 | 1 | 2 | 2 | + | + | |
| -14,-13 | 1 | 2 | 2 | + | + | |
| -16,-15 | 1 | 2 | 2 | + | + | |
| -18,-17 | 2 | 3 | 5 | 1 | + | |
| -20,-19 | 1 | 2 | 3 | + | + | |
| -22,-21 | 2 | 3 | 4 | + | + | |
| -24,-23 | 2 | 3 | 4 | + | + | |
| -26,-25 | 2 | 4 | 3 | + | + | |
| -28,-27 | 3 | 3 | 2 | + | + | |
| -29 | 3 | 3 | 2 | + | + | |

Tin City

| 19131 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -8 | 2 | 5 | 7 | 3 | 1 | |
| -10,-9 | 1 | 1 | 2 | 1 | + | |
| -12,-11 | 1 | 1 | 2 | 1 | + | |
| -14,-13 | 1 | 1 | 4 | 2 | + | |
| -16,-15 | 1 | 1 | 3 | 2 | + | |
| -18,-17 | 1 | 1 | 5 | 3 | + | |
| -20,-19 | 1 | 1 | 5 | 3 | + | |
| -22,-21 | + | 1 | 4 | 3 | + | |
| -24,-23 | + | 1 | 5 | 4 | + | |
| -26,-25 | + | 1 | 3 | 2 | + | |
| -27 | + | 1 | 5 | 3 | + | |

Kotzebue

| 21787 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -10 | 1 | 4 | 9 | 6 | 1 | |
| -12,-11 | + | 1 | 2 | 1 | + | |
| -14,-13 | 1 | 3 | 2 | 1 | + | |
| -16,-15 | 1 | 3 | 2 | 1 | + | |
| -18,-17 | 1 | 3 | 2 | 1 | + | |
| -20,-19 | 1 | 4 | 2 | 1 | + | |
| -22,-21 | 1 | 4 | 2 | 1 | + | |
| -24,-23 | 1 | 4 | 2 | 1 | + | |
| -26,-25 | 1 | 3 | 1 | + | + | |
| -28,-27 | 2 | 4 | 1 | + | + | |
| -29 | 6 | 1 | 2 | + | + | |

Cape Lisburne

| 19244 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -10 | 2 | 4 | 4 | 4 | 1 | |
| -12,-11 | 1 | 1 | 1 | + | + | |
| -14,-13 | 1 | 3 | 1 | + | + | |
| -16,-15 | 1 | 3 | 2 | + | + | |
| -18,-17 | 1 | 4 | 3 | 1 | + | |
| -20,-19 | 2 | 5 | 5 | 1 | + | |
| -22,-21 | 2 | 4 | 4 | 1 | + | |
| -24,-23 | 2 | 5 | 4 | 1 | + | |
| -26,-25 | 2 | 3 | 2 | + | + | |
| -28,-27 | 2 | 3 | 2 | + | + | |
| -29 | 3 | 4 | 1 | + | 0 | |

Point Lay

| 3338 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -16 | 2 | 4 | 4 | 4 | 1 | |
| -18,-17 | 1 | 2 | 2 | + | + | |
| -20,-19 | 1 | 2 | 2 | + | + | |
| -22,-21 | 1 | 2 | 2 | + | + | |
| -24,-23 | 1 | 4 | 4 | + | + | |
| -26,-25 | 1 | 4 | 3 | + | + | |
| -28,-27 | 1 | 4 | 3 | + | + | |
| -30,-29 | 1 | 4 | 3 | + | + | |
| -32,-31 | 1 | 4 | 3 | + | + | |
| -34,-33 | 1 | 4 | 3 | + | + | |
| -35 | 4 | 3 | 2 | + | + | |

Barrow

| 14075 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -16 | 1 | 4 | 5 | 1 | + | |
| -18,-17 | 1 | 3 | 2 | + | + | |
| -20,-19 | 1 | 4 | 4 | + | + | |
| -22,-21 | 1 | 4 | 4 | + | + | |
| -24,-23 | 1 | 6 | 5 | 1 | + | |
| -26,-25 | 1 | 5 | 3 | + | 0 | |
| -28,-27 | 1 | 3 | + | 0 | 0 | |
| -30,-29 | 1 | 2 | + | 0 | 0 | |
| -32,-31 | 1 | 5 | 1 | 0 | 0 | |
| -34,-33 | 1 | 5 | 1 | 0 | 0 | |
| -35 | 2 | 7 | 1 | 0 | 0 | |

Lonely

| 4442 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -16 | 1 | 5 | 5 | 1 | + | |
| -18,-17 | 1 | 3 | 2 | + | + | |
| -20,-19 | 1 | 4 | 3 | + | + | |
| -22,-21 | 1 | 4 | 2 | + | + | |
| -24,-23 | 1 | 4 | 3 | 1 | + | |
| -26,-25 | 1 | 3 | 2 | + | + | |
| -28,-27 | 1 | 4 | 3 | + | + | |
| -30,-29 | 2 | 6 | 2 | + | 0 | |
| -32,-31 | 2 | 5 | 1 | + | 0 | |
| -34,-33 | 3 | 4 | 1 | 0 | 0 | |
| -35 | 5 | 9 | 1 | + | 0 | |

Oliktok

| 3317 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -16 | 1 | 4 | 5 | 2 | + | |
| -18,-17 | 1 | 3 | 2 | + | + | |
| -20,-19 | 1 | 3 | 3 | + | + | |
| -22,-21 | 1 | 3 | 2 | + | + | |
| -24,-23 | 1 | 3 | 2 | + | + | |
| -26,-25 | 1 | 3 | 2 | + | + | |
| -28,-27 | 1 | 3 | 2 | + | + | |
| -30,-29 | 2 | 4 | 1 | + | 0 | |
| -32,-31 | 2 | 4 | 2 | + | 0 | |
| -34,-33 | 2 | 4 | 2 | + | 0 | |
| -35 | 5 | 1 | 3 | + | 0 | |

Barter

| 11418 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -16 | 1 | 4 | 5 | 2 | + | |
| -18,-17 | 1 | 3 | 2 | + | + | |
| -20,-19 | 1 | 3 | 3 | + | + | |
| -22,-21 | 1 | 3 | 2 | + | + | |
| -24,-23 | 1 | 3 | 2 | + | + | |
| -26,-25 | 1 | 3 | 2 | + | + | |
| -28,-27 | 1 | 3 | 2 | + | + | |
| -30,-29 | 2 | 4 | 1 | + | 0 | |
| -32,-31 | 2 | 4 | 2 | + | 0 | |
| -34,-33 | 2 | 4 | 2 | + | 0 | |
| -35 | 5 | 1 | 3 | + | 0 | |

Tuktoyaktuk

| 3201 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -16 | 1 | 4 | 5 | 1 | + | |
| -18,-17 | 1 | 3 | 2 | + | + | |
| -20,-19 | 1 | 4 | 3 | 1 | 0 | |
| -22,-21 | 1 | 3 | 3 | + | 0 | |
| -24,-23 | 1 | 5 | 4 | 1 | 0 | |
| -26,-25 | 1 | 4 | 3 | + | 0 | |
| -28,-27 | 1 | 5 | 4 | + | + | |
| -30,-29 | 2 | 7 | 2 | + | 0 | |
| -32,-31 | 2 | 4 | 1 | + | 0 | |
| -34,-33 | 2 | 4 | 1 | + | 0 | |
| -35 | 3 | 6 | 1 | 0 | 0 | |

Cape Parry

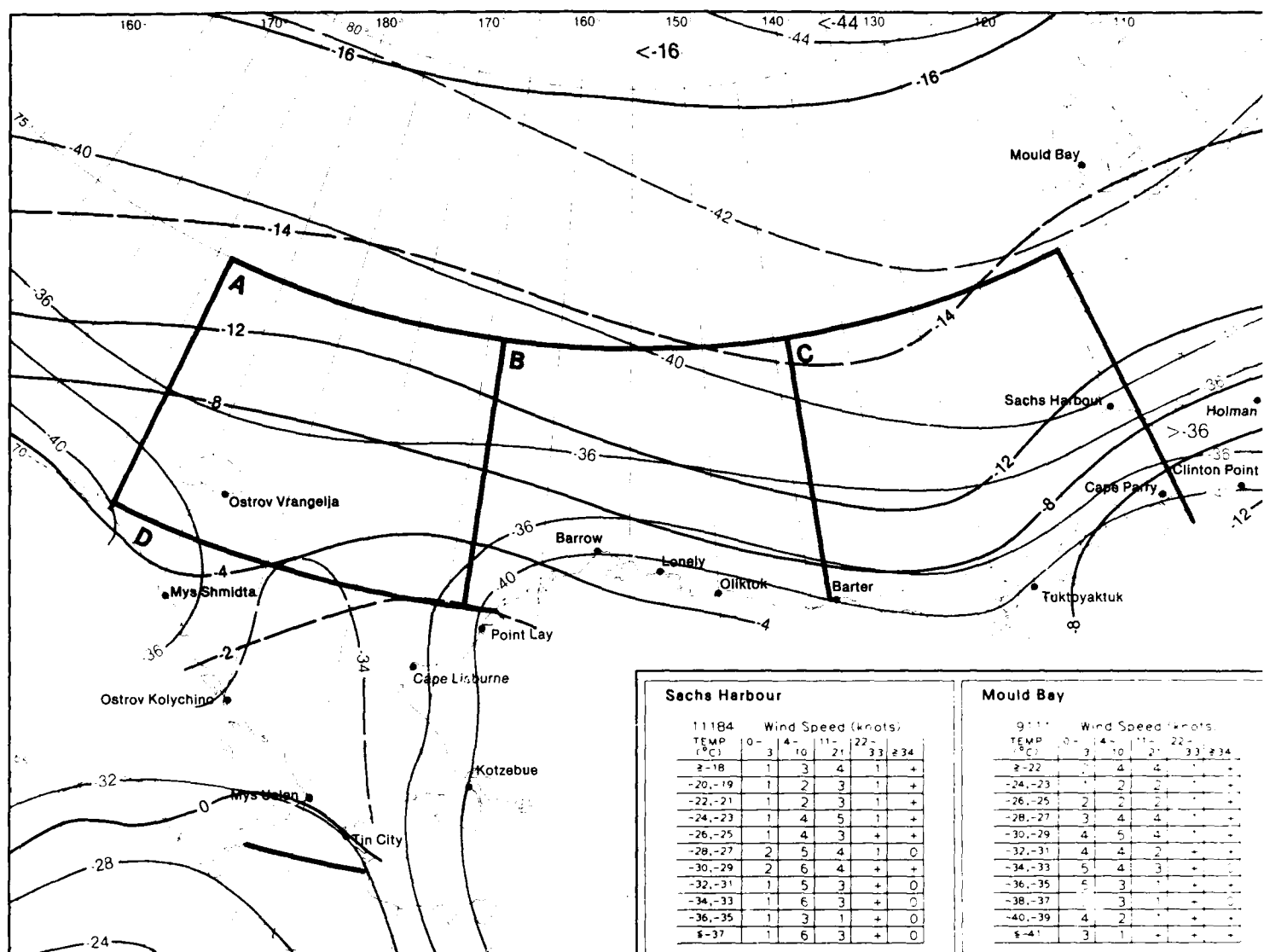
| 19788 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -16 | 1 | 3 | 5 | 1 | + | |
| -18,-17 | 1 | 3 | 3 | 1 | + | |
| -20,-19 | 1 | 3 | 4 | 1 | + | |
| -22,-21 | 1 | 3 | 3 | 1 | + | |
| -24,-23 | 2 | 3 | 5 | 1 | + | |
| -26,-25 | 1 | 3 | 4 | 1 | 0 | |
| -28,-27 | 2 | 5 | 6 | 1 | + | |
| -30,-29 | 3 | 5 | 4 | 1 | + | |
| -32,-31 | 2 | 3 | 2 | + | 0 | |
| -34,-33 | 2 | 3 | 2 | + | 0 | |
| -35 | 3 | 2 | 1 | + | 0 | |

Clinton Point

| 4641 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -16 | 2 | 5 | 4 | 2 | + | |
| -20,-19 | 1 | 2 | 3 | 1 | + | |
| -22,-21 | 1 | 3 | 3 | 1 | + | |
| -24,-23 | 1 | 4 | 4 | 1 | + | |
| -26,-25 | 1 | 3 | 4 | 2 | + | |
| -28,-27 | 1 | 5 | 4 | 2 | + | |
| -30,-29 | 1 | 6 | 3 | 1 | + | |
| -32,-31 | 1 | 5 | 1 | + | 0 | |
| -34,-33 | 2 | 8 | + | + | 0 | |
| -36,-35 | 1 | 4 | + | 0 | 0 | |
| -37 | 2 | 5 | + | 0 | 0 | |

Holman

| 3221 | Wind Speed (knots) | | | | | |
|-----------|--------------------|---|----|-----|-----|-------|
| TEMP (°C) | 0- | 3 | 4- | 11- | 22- | 33-34 |
| -16 | 1 | 4 | 5 | 2 | + | |
| -18,-17 | 1 | 3 | 2 | + | + | |
| -20,-19 | 1 | 3 | 3 | + | + | |
| -22,-21 | 1 | 3 | 3 | + | + | |
| -24,-23 | 1 | 4 | 4 | + | + | |
| -26,-25 | 1 | 4 | 3 | + | + | |
| -28,-27 | 1 | 4 | 3 | + | + | |
| -30,-29 | 1 | 4 | 3 | + | + | |
| -32,-31 | 1 | 4 | 3 | + | + | |
| -34,-33 | 1 | 4 | 3 | + | + | |
| -35 | 3 | 4 | 2 | + | + | |



Sachs Harbour

| 11184 TEMP (°C) | 0- | 3 | 10 | 11- | 22- | 33 | ≥34 |
|-----------------------|----|---|----|-----|-----|----|-----|
| -18 | 1 | 3 | 4 | 1 | + | | |
| -20,-19 | 1 | 2 | 3 | 1 | + | | |
| -22,-21 | 1 | 2 | 3 | 1 | + | | |
| -24,-23 | 1 | 4 | 5 | 1 | + | | |
| -26,-25 | 1 | 4 | 3 | + | + | | |
| -28,-27 | 2 | 5 | 4 | 1 | 0 | | |
| -30,-29 | 2 | 6 | 4 | + | + | | |
| -32,-31 | 1 | 5 | 3 | + | 0 | | |
| -34,-33 | 1 | 6 | 3 | + | 0 | | |
| -36,-35 | 1 | 3 | 1 | + | 0 | | |
| Σ-37 | 1 | 6 | 3 | + | 0 | | |

Mould Bay

| 9111 TEMP (°C) | 0- | 3 | 10 | 11- | 22- | 33 | ≥34 |
|----------------------|----|---|----|-----|-----|----|-----|
| -22 | 1 | 4 | 4 | 1 | + | | |
| -24,-23 | 1 | 2 | 2 | + | | | |
| -26,-25 | 2 | 2 | 2 | + | | | |
| -28,-27 | 3 | 4 | 4 | + | + | | |
| -30,-29 | 4 | 5 | 4 | + | + | | |
| -32,-31 | 4 | 4 | 2 | + | + | | |
| -34,-33 | 5 | 4 | 3 | + | + | | |
| -36,-35 | 5 | 3 | 1 | + | + | | |
| -38,-37 | 3 | 1 | + | + | + | | |
| -40,-39 | 4 | 2 | + | + | + | | |
| Σ-41 | 3 | 1 | + | + | + | | |

Marine Area A

| 243 TEMP (°C) | 0- | 3 | 10 | 11- | 22- | 33 | ≥34 |
|---------------------|----|---|----|-----|-----|----|-----|
| -16 | 2 | 1 | + | 0 | 0 | | |
| -18,-17 | 0 | 3 | + | + | 0 | | |
| -20,-19 | 1 | 3 | 2 | 0 | 0 | | |
| -22,-21 | 4 | 4 | 3 | 0 | 0 | | |
| -24,-23 | 3 | 4 | 2 | + | 0 | | |
| -26,-25 | 5 | 8 | 4 | 0 | 0 | | |
| -28,-27 | 8 | 6 | 3 | + | 0 | | |
| -30,-29 | 2 | 4 | + | 0 | 0 | | |
| -32,-31 | 2 | 7 | 2 | 0 | + | | |
| -34,-33 | 3 | 5 | 0 | 0 | 0 | | |
| Σ-35 | 1 | 5 | 0 | 0 | 0 | | |

Marine Area B

| 582 TEMP (°C) | 0- | 3 | 10 | 11- | 22- | 33 | ≥34 |
|---------------------|----|---|----|-----|-----|----|-----|
| -14 | 12 | 7 | 1 | 0 | 0 | | |
| -16,-15 | 1 | 2 | + | + | 0 | | |
| -18,-17 | 2 | 1 | + | 0 | 0 | | |
| -20,-19 | 2 | 2 | 1 | 1 | + | | |
| -22,-21 | 1 | 3 | 1 | 1 | 0 | | |
| -24,-23 | 4 | 4 | 1 | + | 0 | | |
| -26,-25 | 9 | 4 | 2 | + | 0 | | |
| -28,-27 | 11 | 3 | 1 | 0 | 0 | | |
| -30,-29 | 7 | 1 | + | 0 | 0 | | |
| -32,-31 | 2 | 1 | 2 | 0 | 0 | | |
| Σ-33 | 4 | 7 | 1 | 0 | + | | |

Marine Area C

| 613 TEMP (°C) | 0- | 3 | 10 | 11- | 22- | 33 | ≥34 |
|---------------------|----|---|----|-----|-----|----|-----|
| -14 | 1 | 2 | 6 | 5 | 2 | | |
| -16,-15 | + | + | 1 | + | 0 | | |
| -18,-17 | + | 2 | 4 | + | 0 | | |
| -20,-19 | 1 | 4 | 4 | 1 | 0 | | |
| -22,-21 | 2 | 6 | 4 | 1 | 0 | | |
| -24,-23 | 1 | 7 | 4 | 1 | + | | |
| -26,-25 | + | 5 | 5 | + | + | | |
| -28,-27 | 2 | 5 | 4 | + | 0 | | |
| -30,-29 | 2 | 3 | 2 | + | 0 | | |
| -32,-31 | 4 | 2 | 3 | 0 | 0 | | |
| Σ-33 | 1 | 3 | 2 | 0 | 0 | | |

Marine Area D

| 15 TEMP (°C) | 0- | 3 | 10 | 11- | 22- | 33 | ≥34 |
|--------------------|----|---|----|-----|-----|----|-----|
| -2 | 0 | 0 | 1 | 0 | 0 | | |
| 0,1 | 0 | 0 | 1 | 0 | 0 | | |
| -2,-1 | 0 | 0 | 1 | 0 | 0 | | |
| -4,-3 | 0 | 0 | 1 | 0 | 0 | | |
| -6,-5 | 0 | 1 | 0 | 0 | 0 | | |
| -8,-7 | 0 | 0 | 0 | 0 | 0 | | |
| -10,-9 | 0 | 1 | 0 | 0 | 0 | | |
| -12,-11 | 0 | 0 | 1 | 0 | 0 | | |
| -14,-13 | 0 | 0 | 0 | 0 | 0 | | |
| -16,-15 | 0 | 0 | 0 | 0 | 0 | | |
| Σ-17 | 0 | 0 | 13 | 7 | 0 | | |

7 Air Temperature Extremes

Decembi

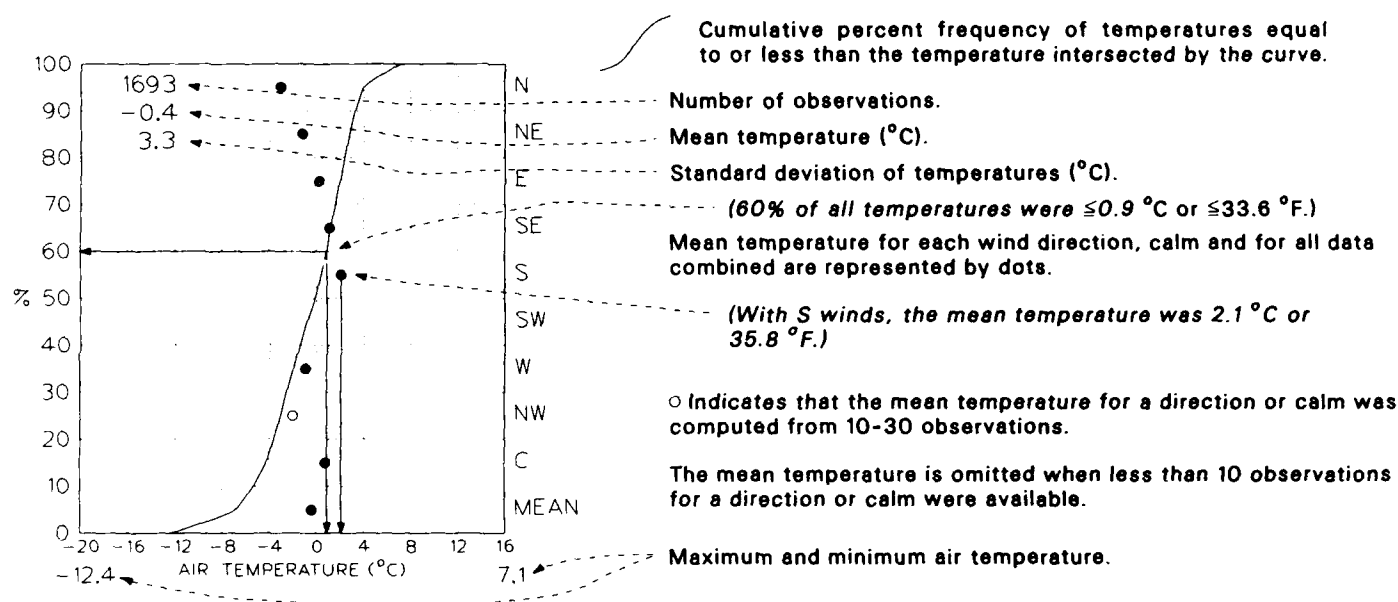
Map 8. Air temperature mean and frequency $\leq 0^{\circ}\text{C}$

BLACK LINE – Mean air temperature ($^{\circ}\text{C}$).

BLUE LINE – Percent frequency of temperature $\leq 0^{\circ}\text{C}$ ($\leq 32^{\circ}\text{F}$).

Albers Equal-Area Conic Projection

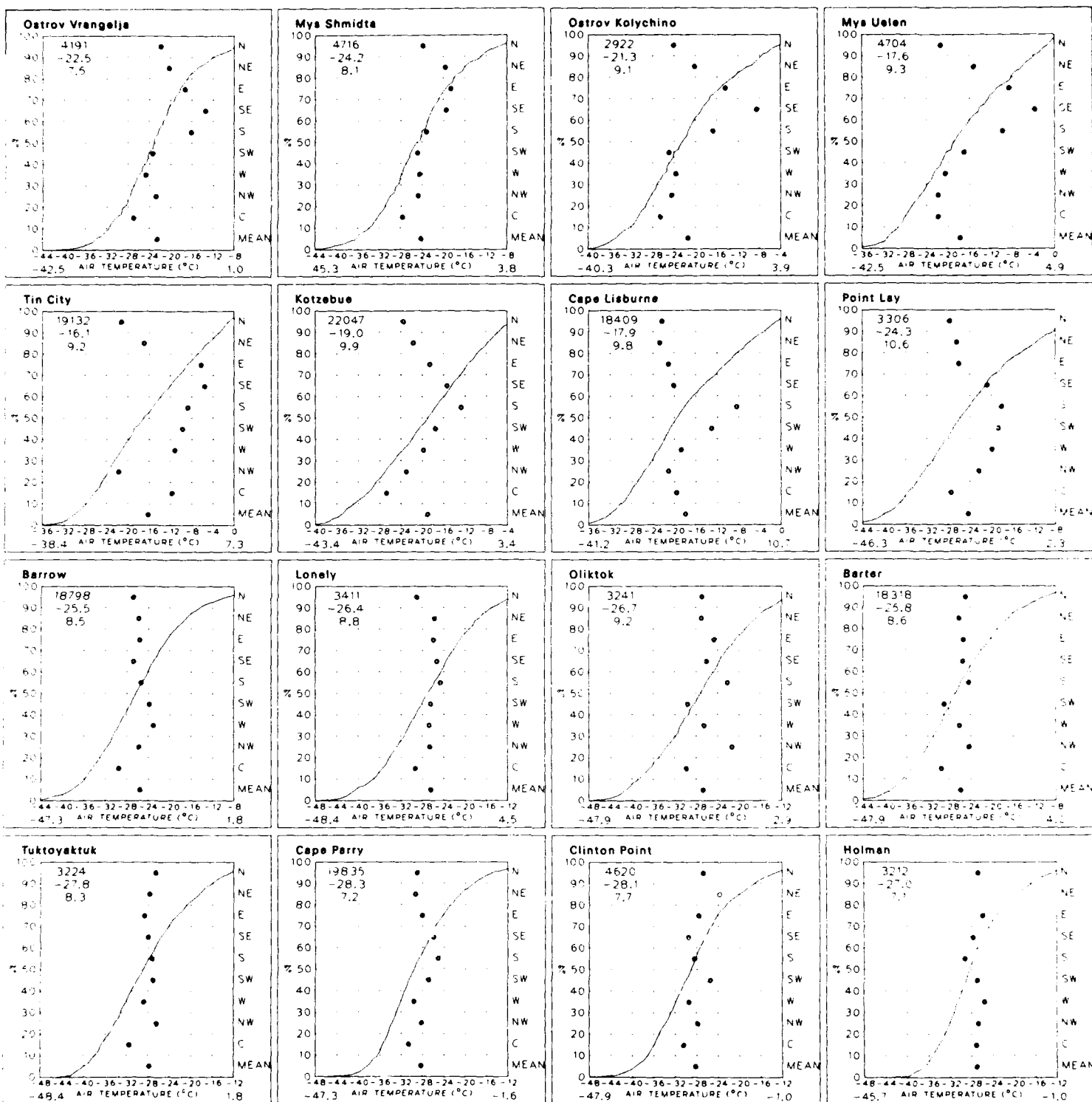
Graphs: Air temperature/wind direction



The temperature scale of the graphs varies in both range and class interval. The percent frequency of temperature observations greater than a given value can be obtained by subtracting the cumulative percent frequency of that value from 100%. The number of observations and the standard deviation, plus the plotted points on the graphs, are based on those observations reporting both temperature and wind direction. The cumulative curve is based on all observations reporting temperature with or without wind direction.

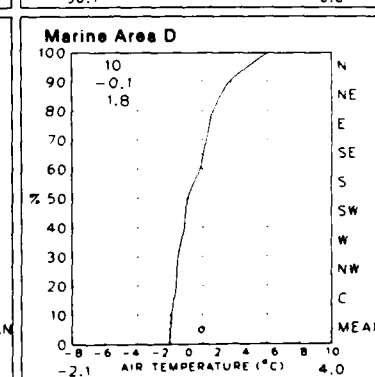
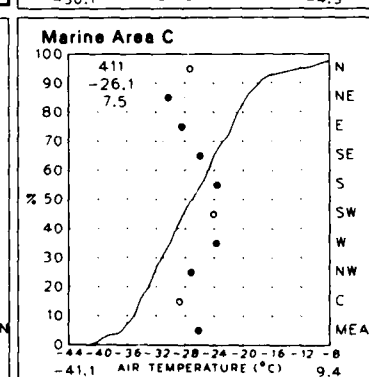
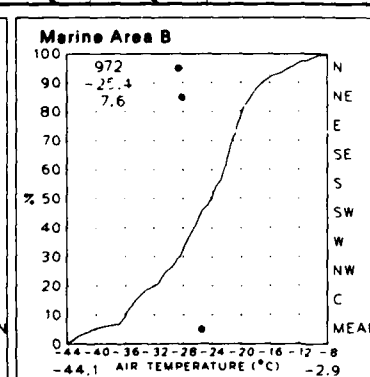
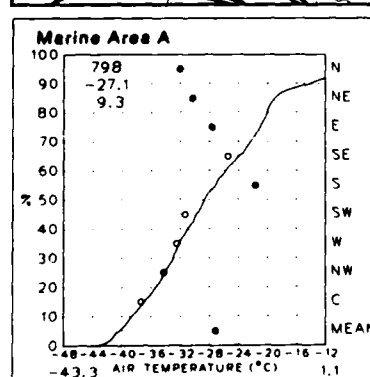
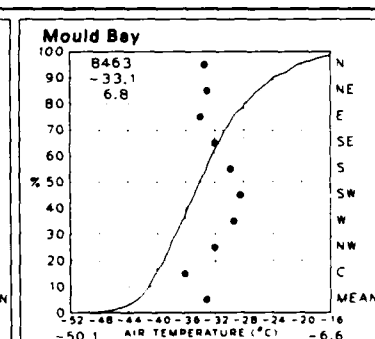
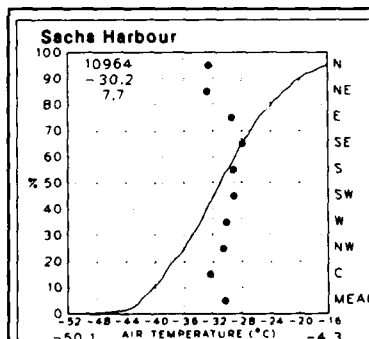
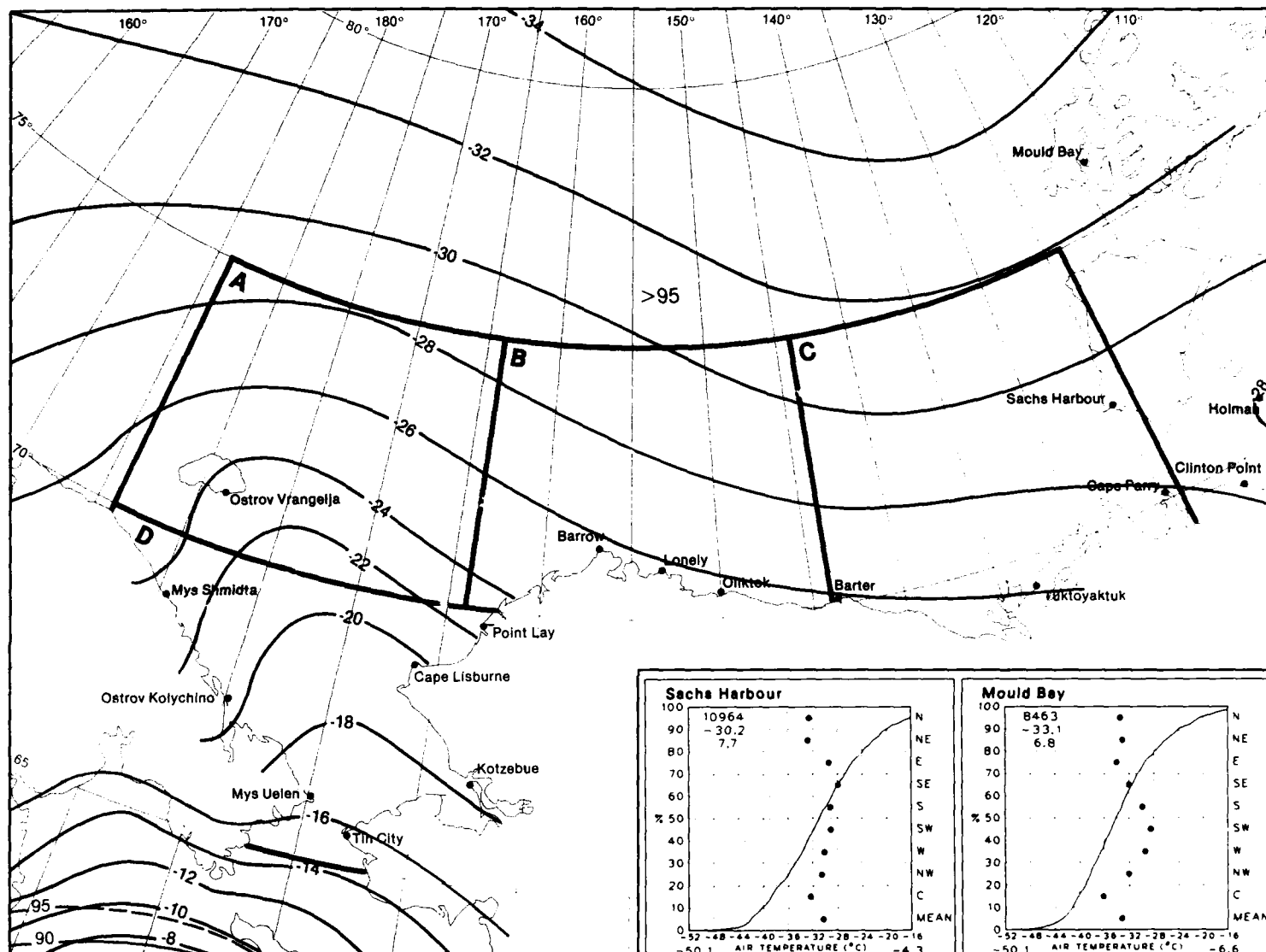
8 Legend

Legend 8



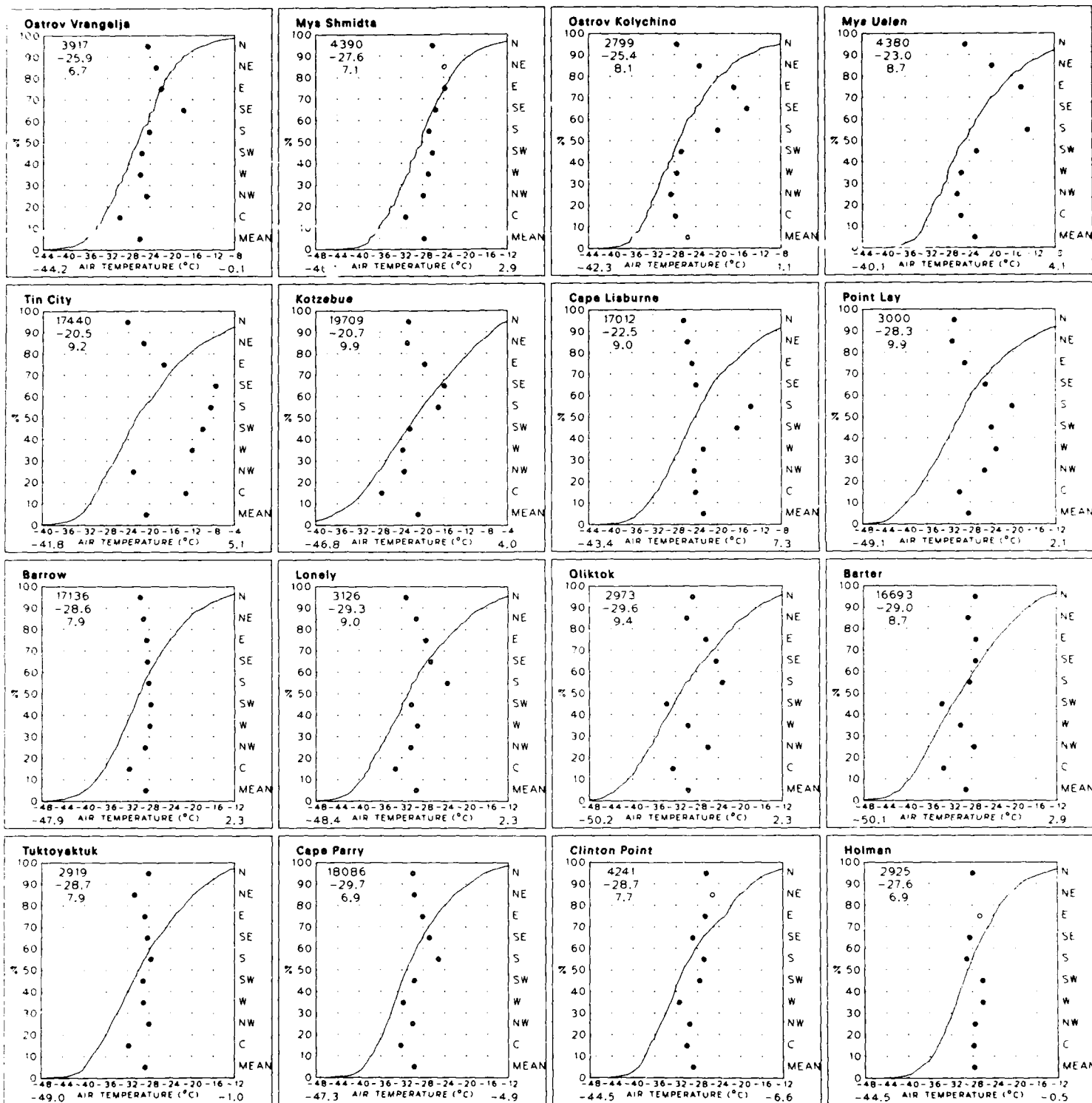
January

8 Air Temperature and Wind Direction



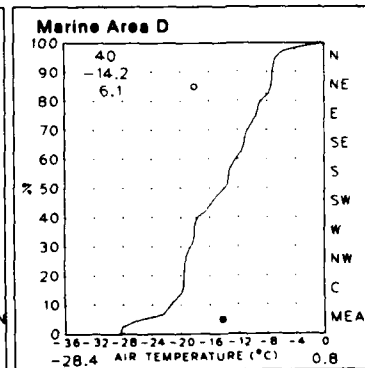
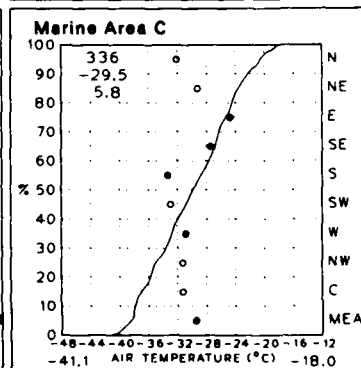
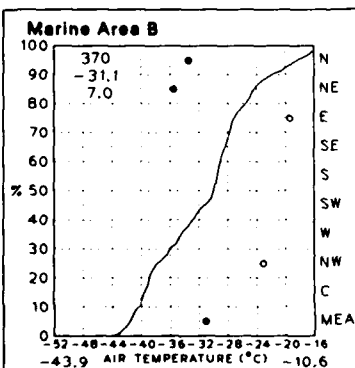
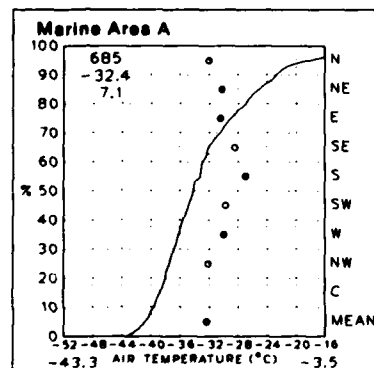
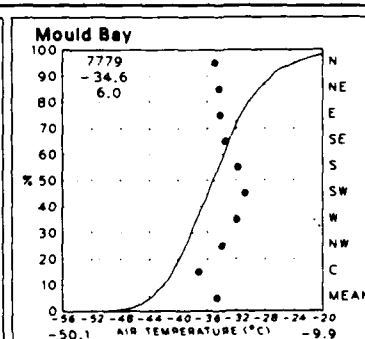
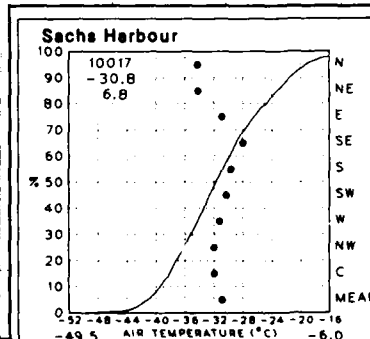
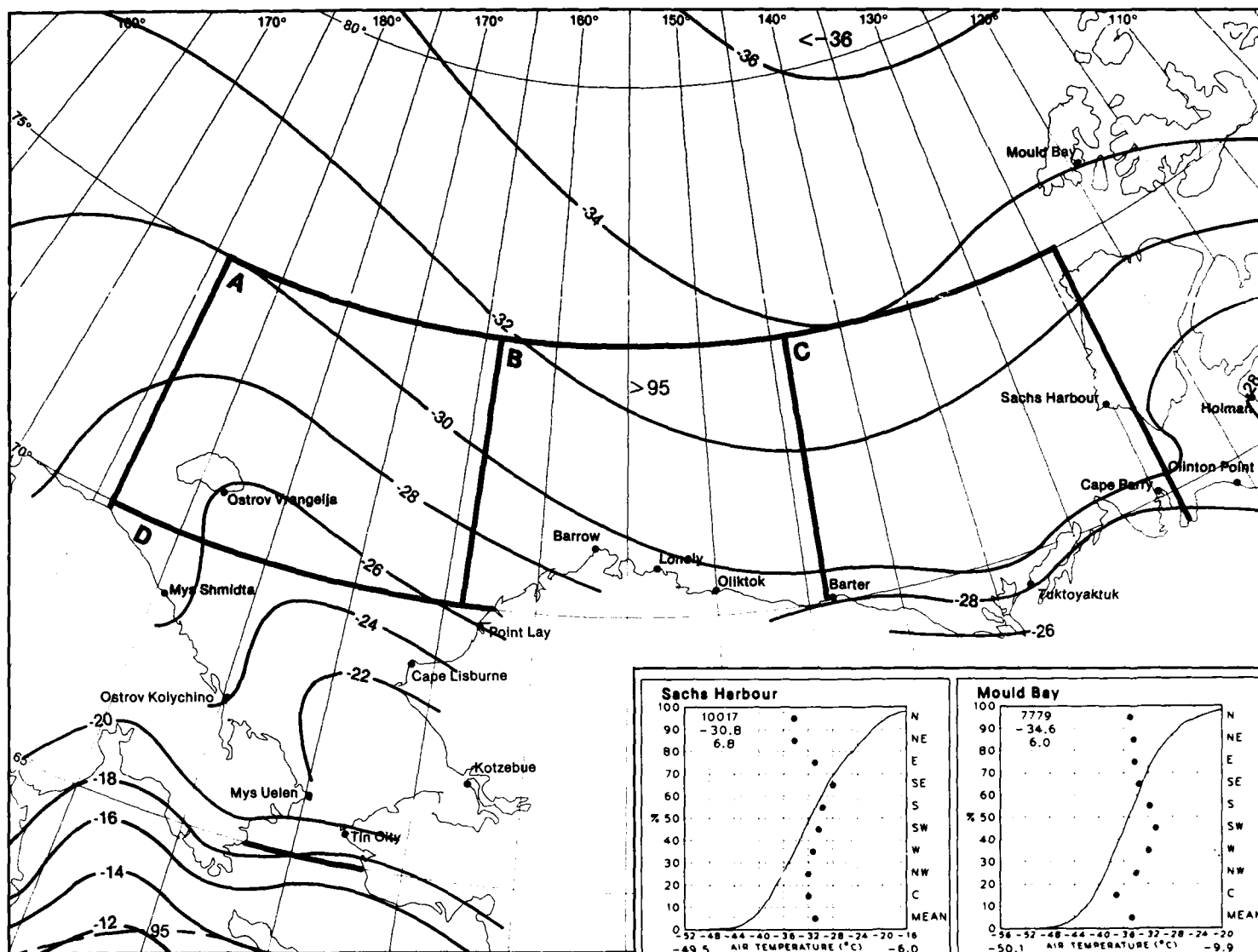
8 Air Temperature Mean and Frequency $\geq 0^{\circ}\text{C}$

January



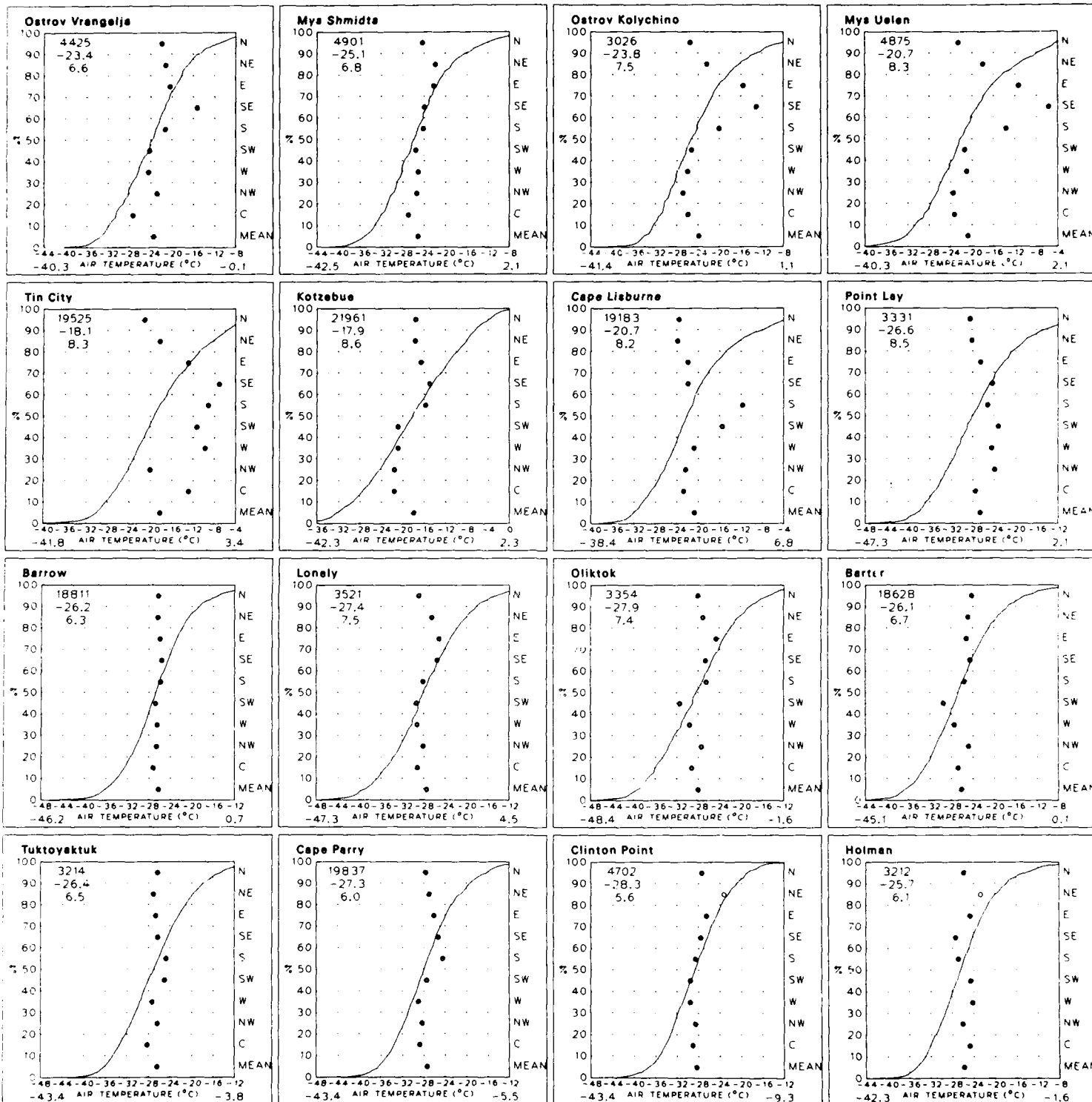
February

8 Air Temperature and Wind Direction



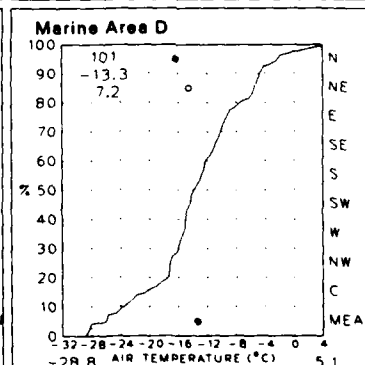
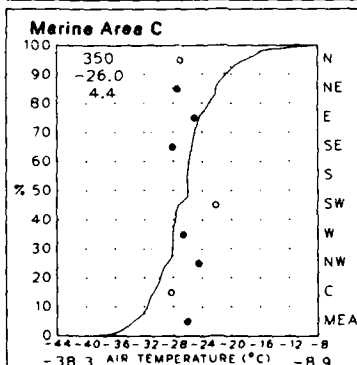
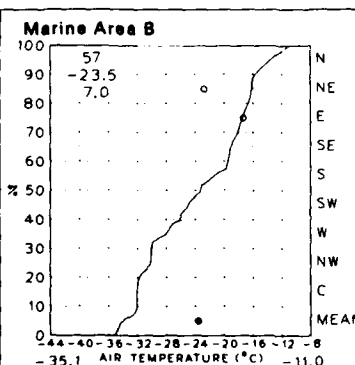
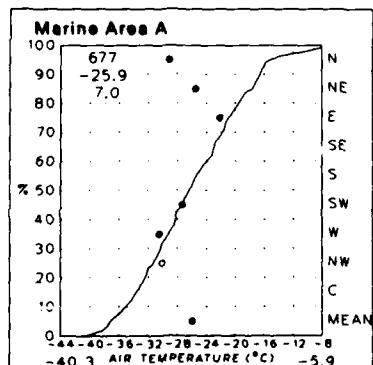
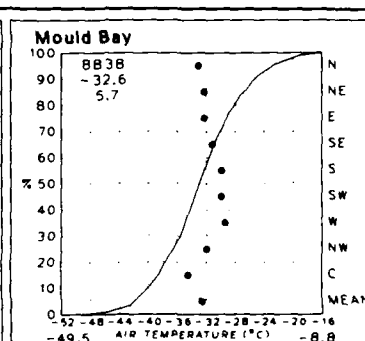
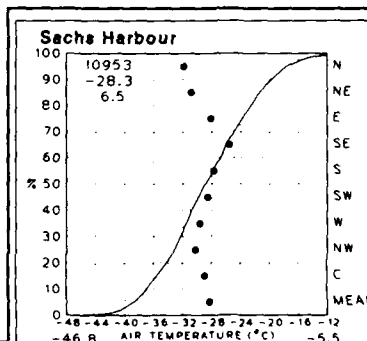
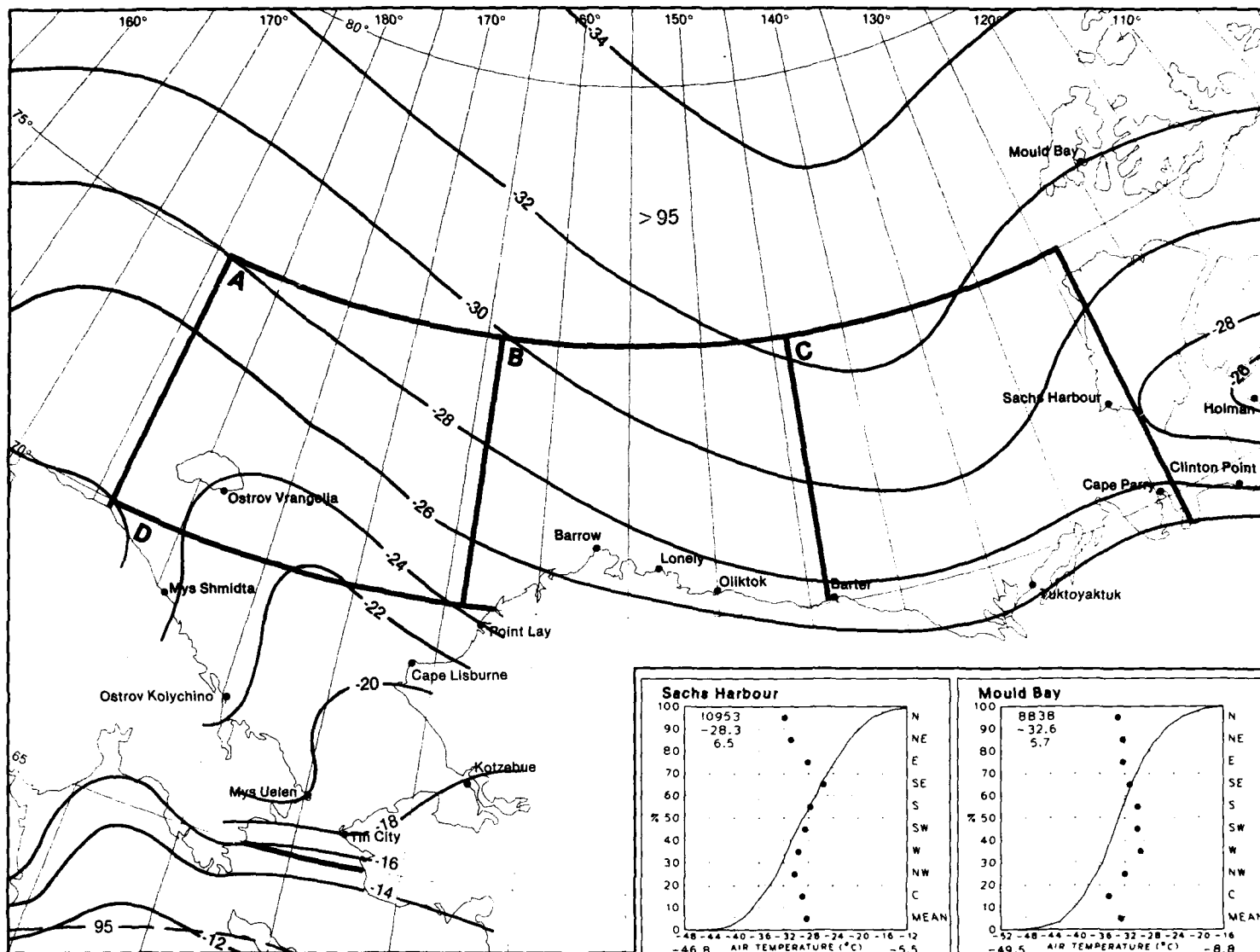
8 Air Temperature Mean and Frequency $\leq 0^{\circ}\text{C}$

February



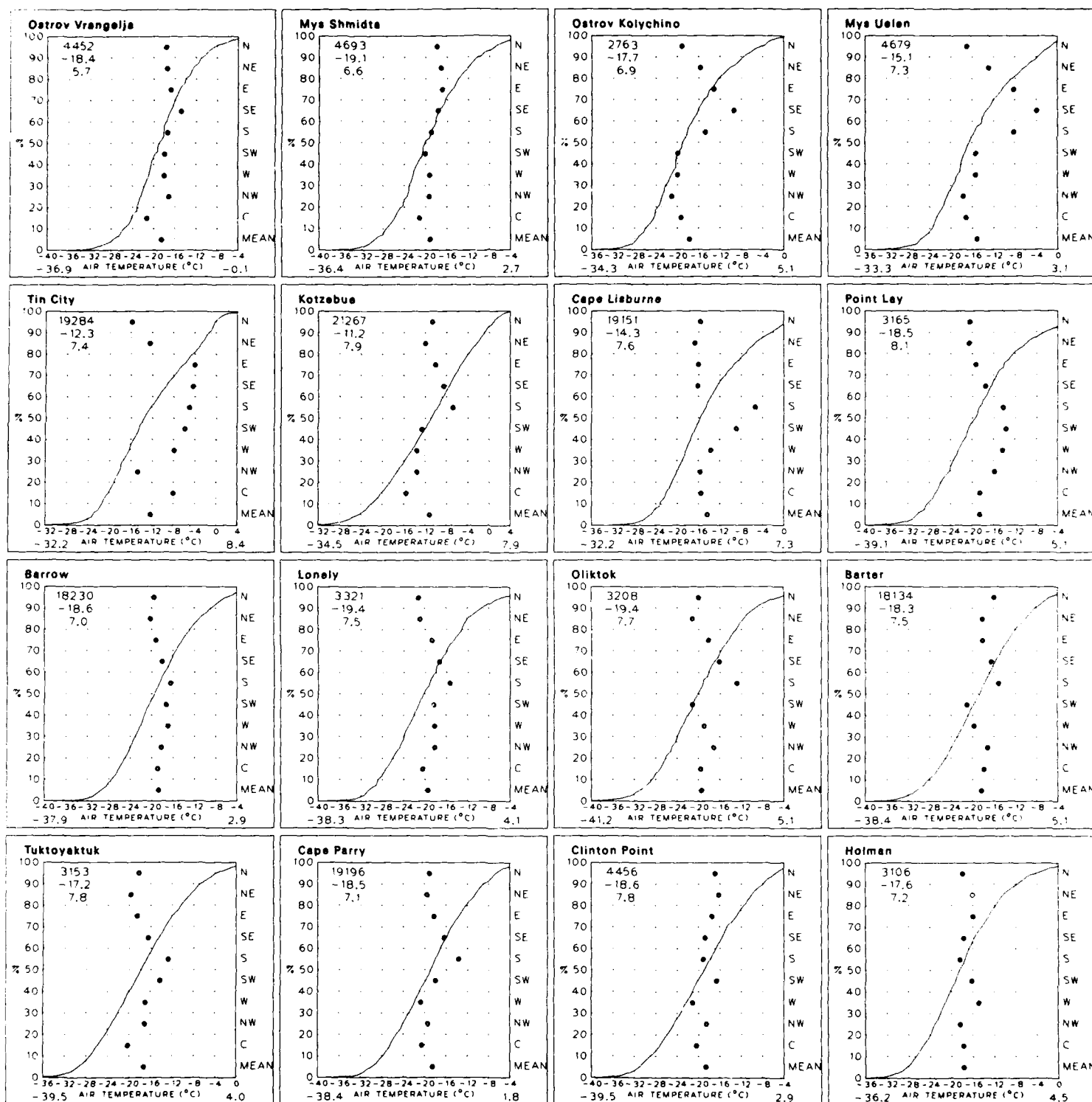
March

8 Air Temperature and Wind Direction



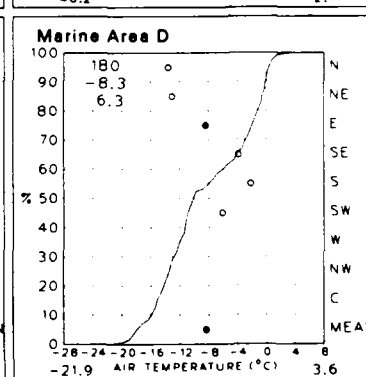
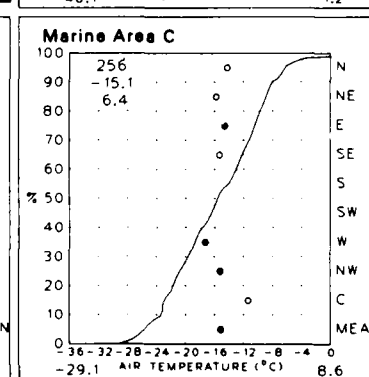
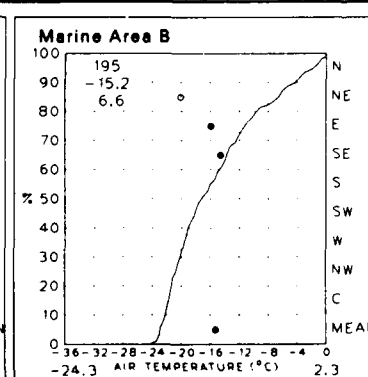
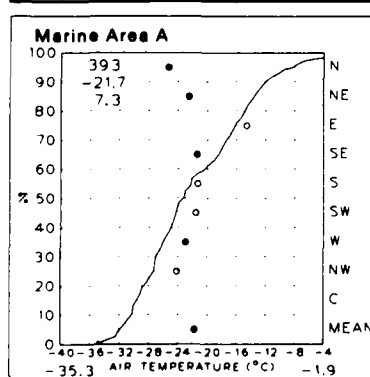
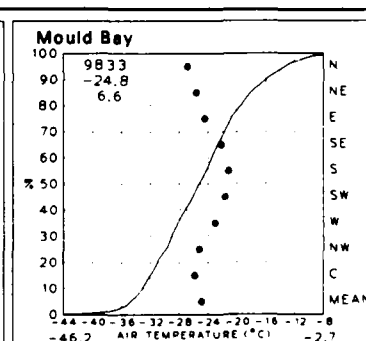
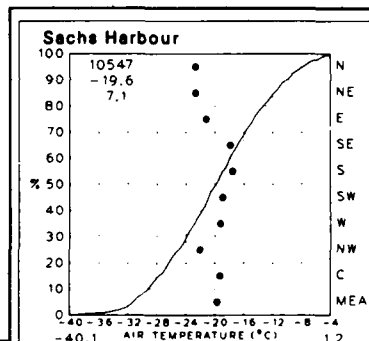
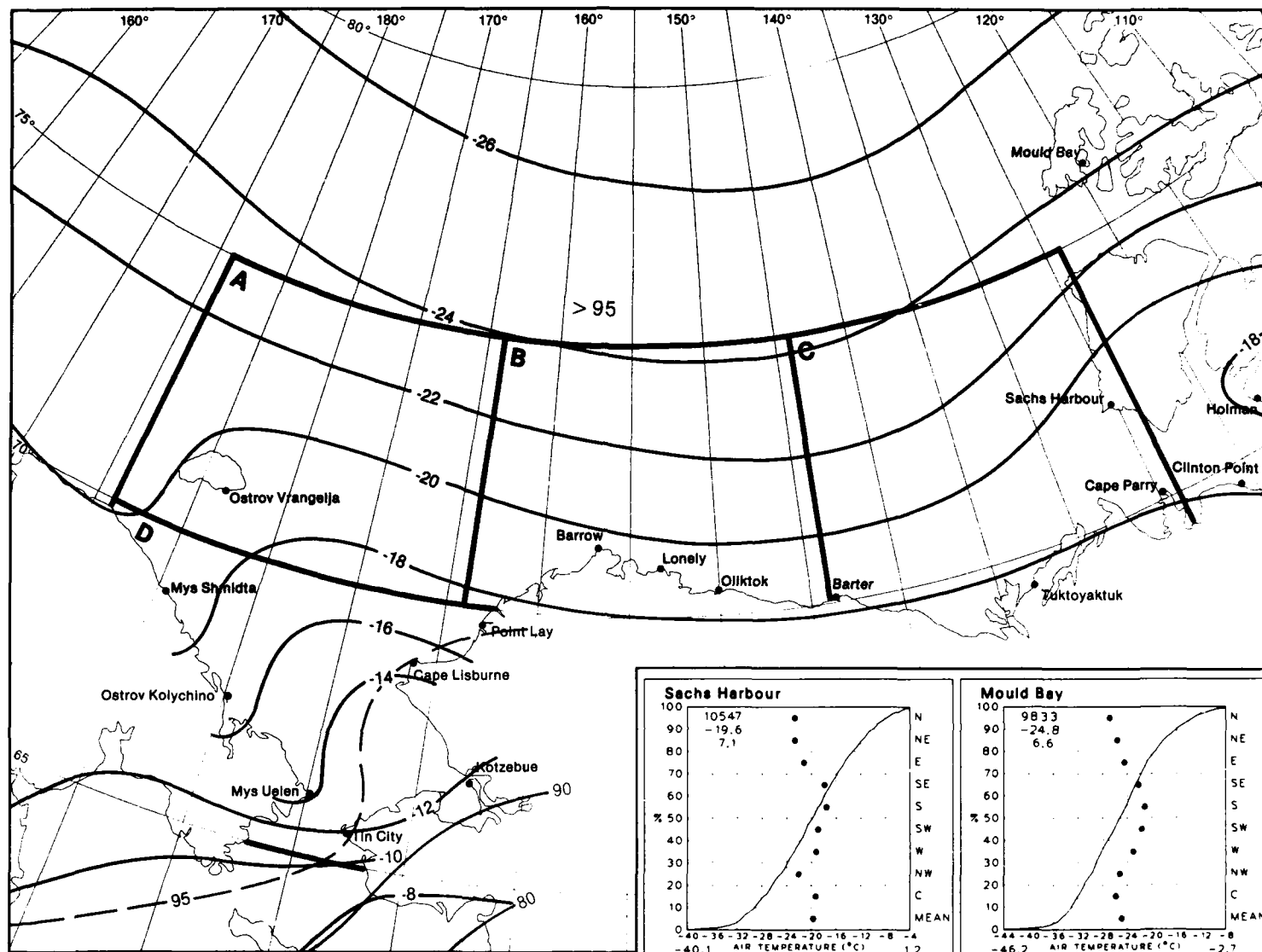
8 Air Temperature Mean and Frequency $\leq 0^{\circ}\text{C}$

March



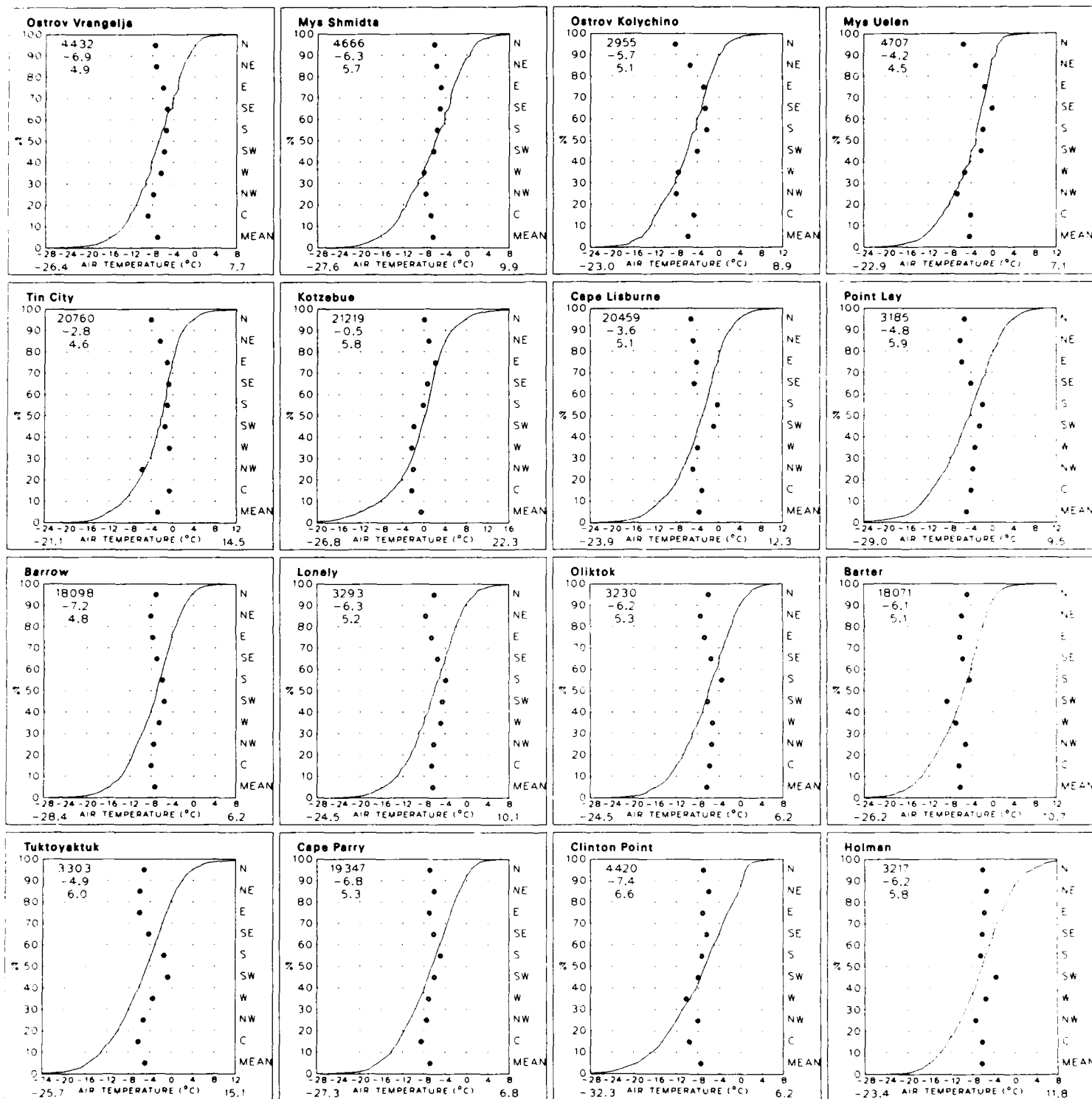
April

8 Air Temperature and Wind Direction



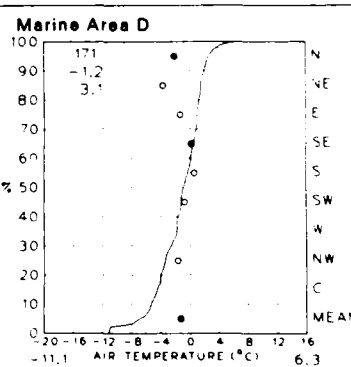
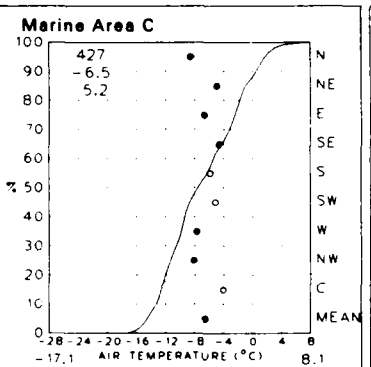
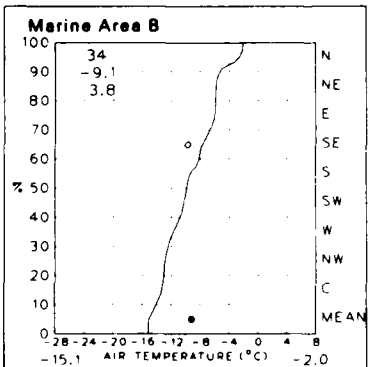
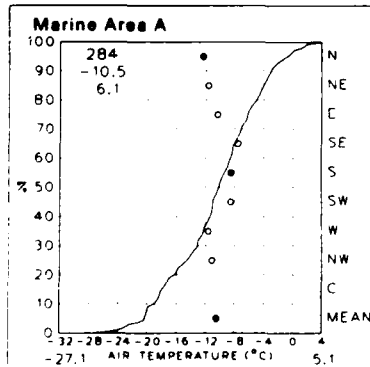
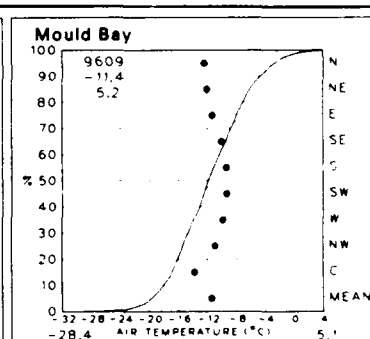
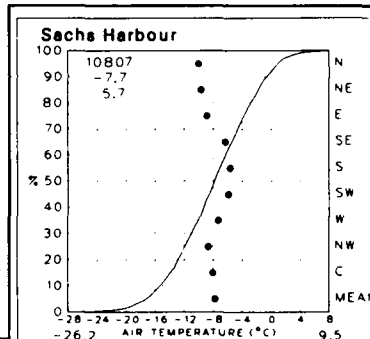
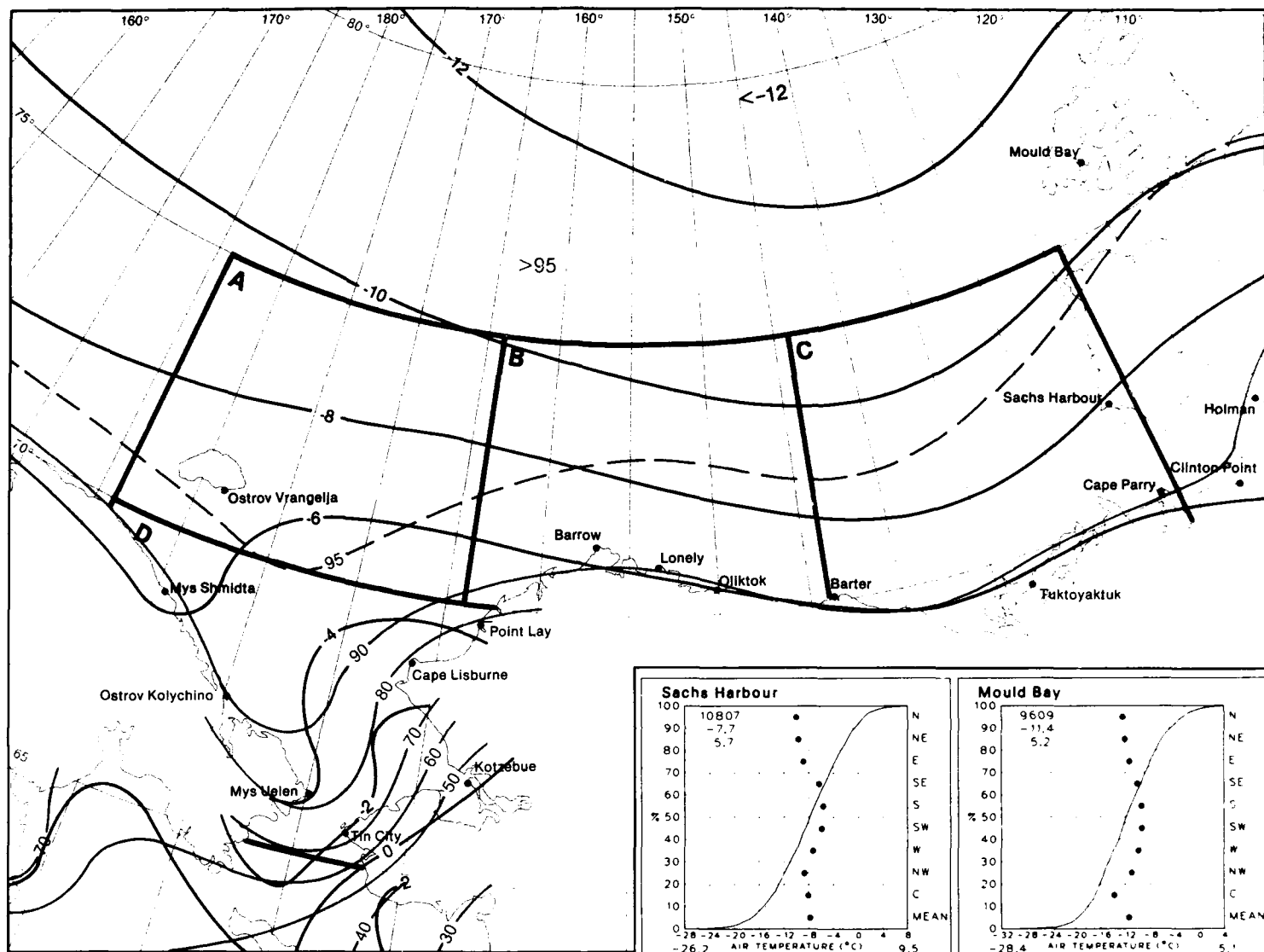
8 Air Temperature Mean and Frequency $\geq 0^{\circ}\text{C}$

April



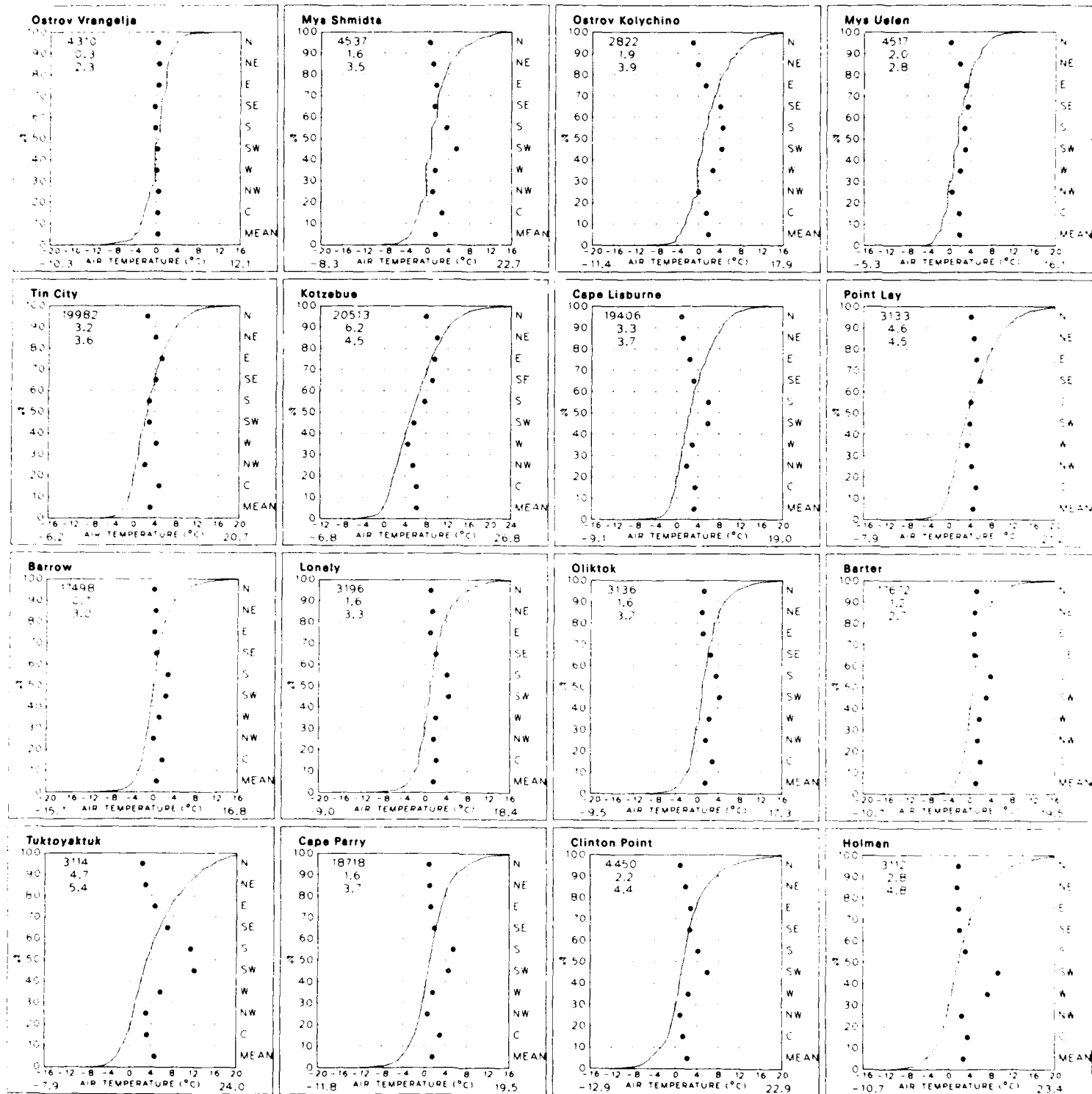
May

8 Air Temperature and Wind Direction



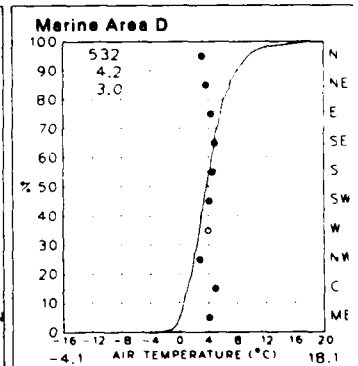
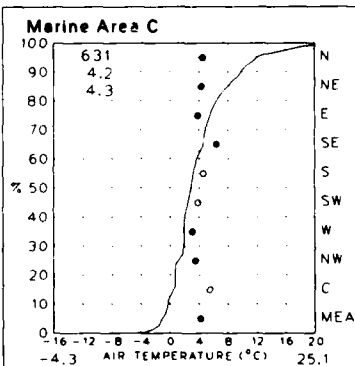
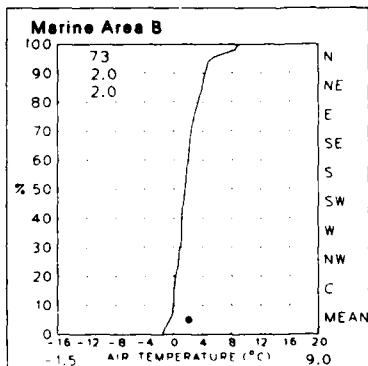
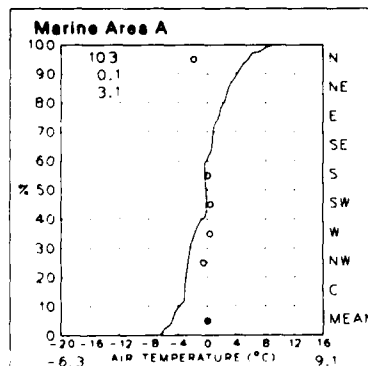
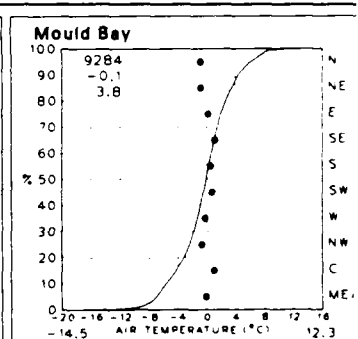
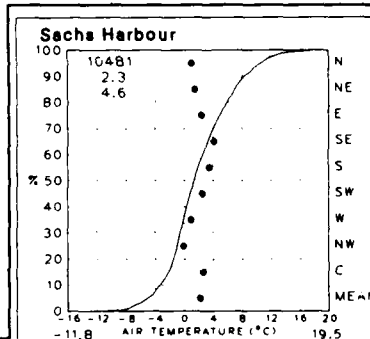
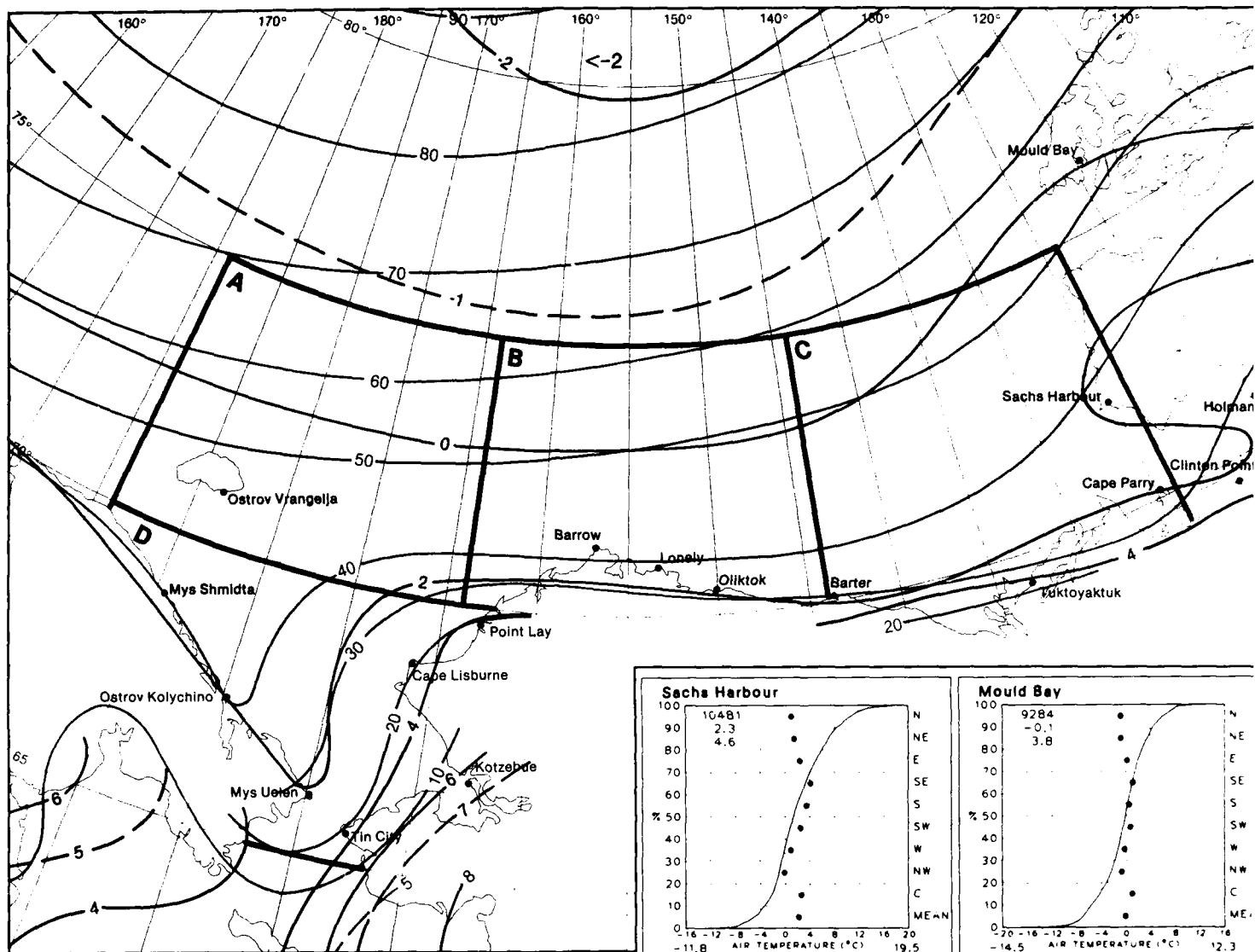
8 Air Temperature Mean and Frequency $\leq 0^{\circ}\text{C}$

May

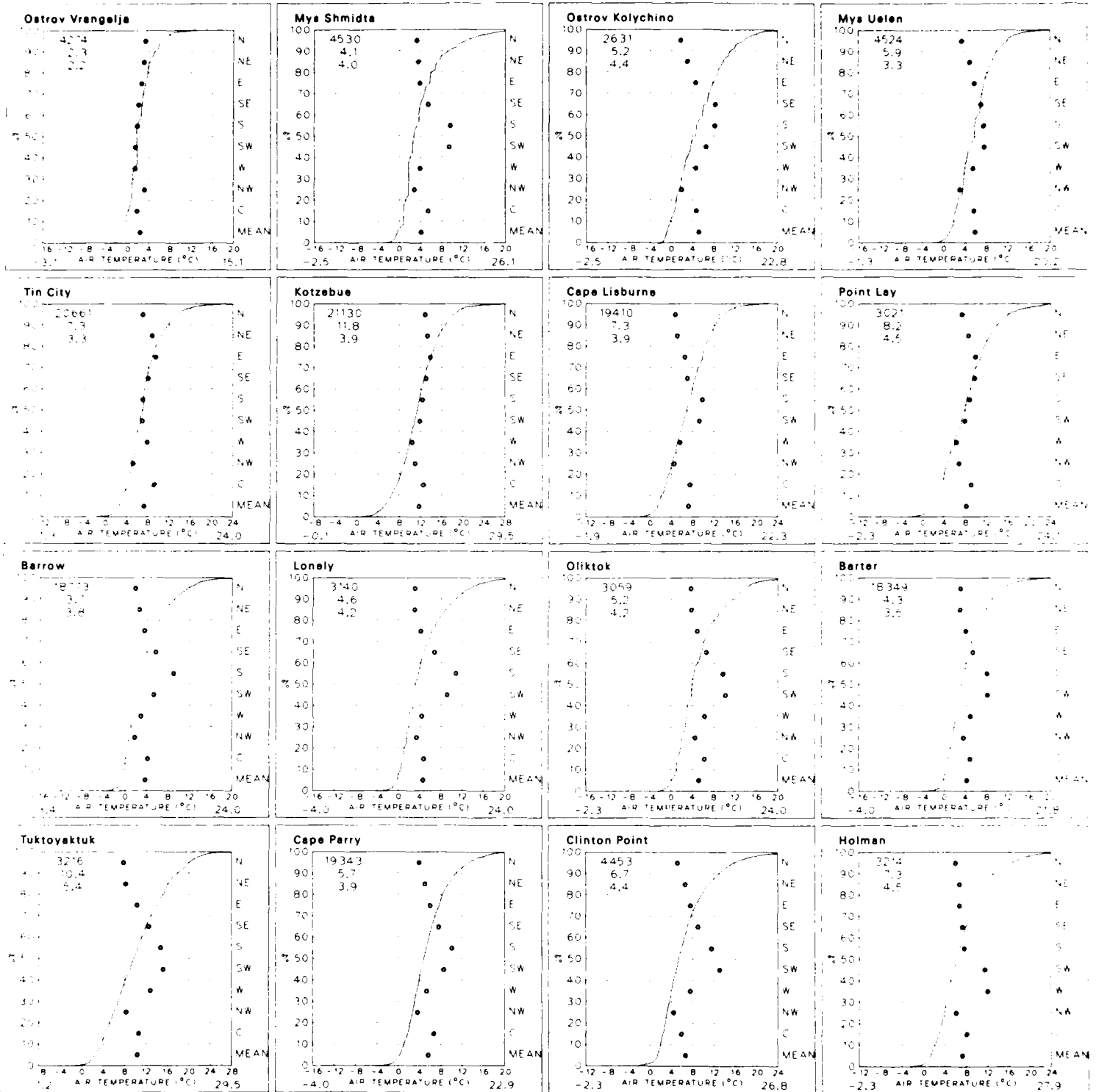


June

8 Air Temperature and Wind Direction

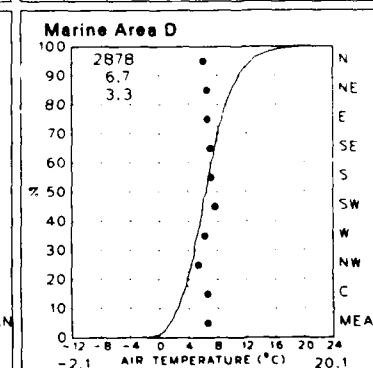
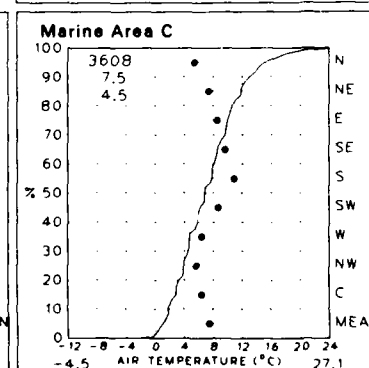
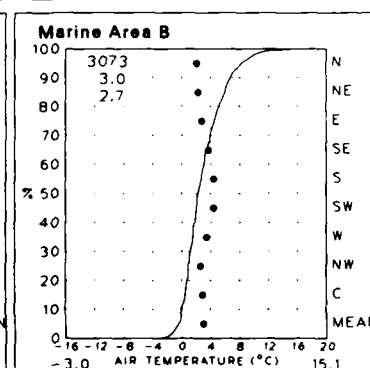
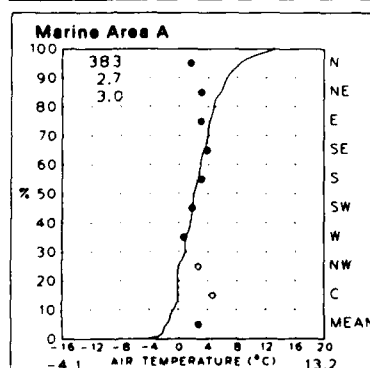
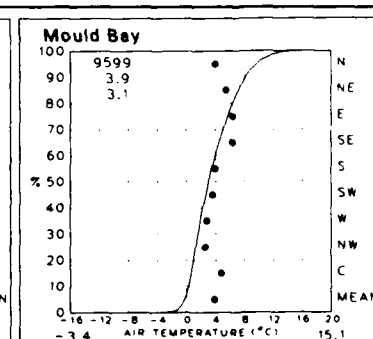
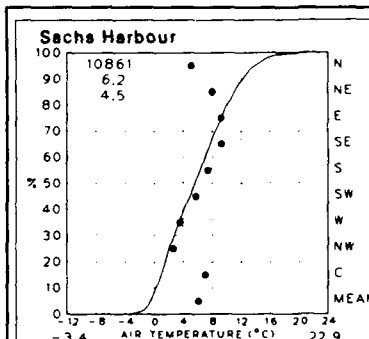
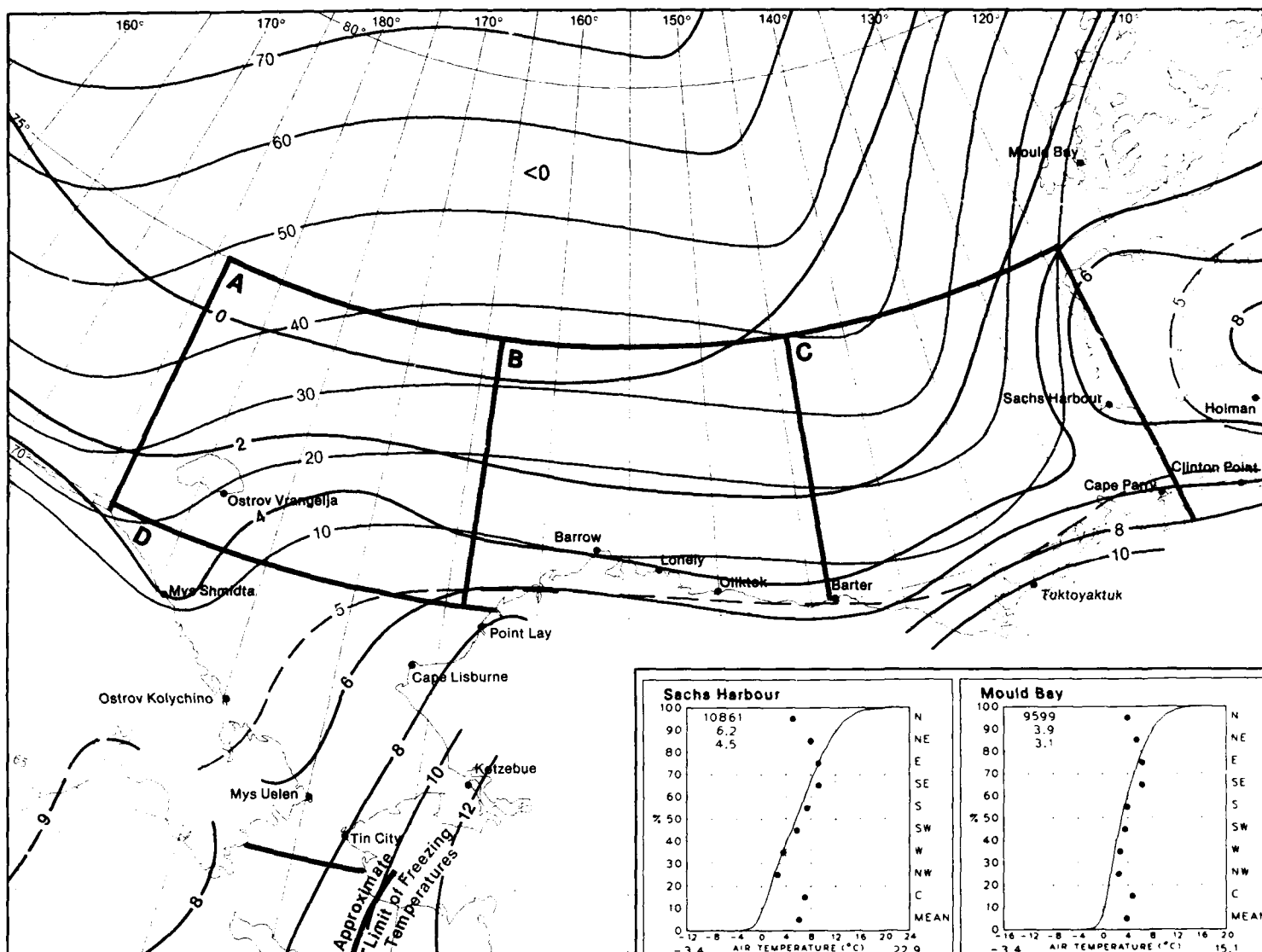


8 Air Temperature Mean and Frequency $\leq 0^{\circ}\text{C}$



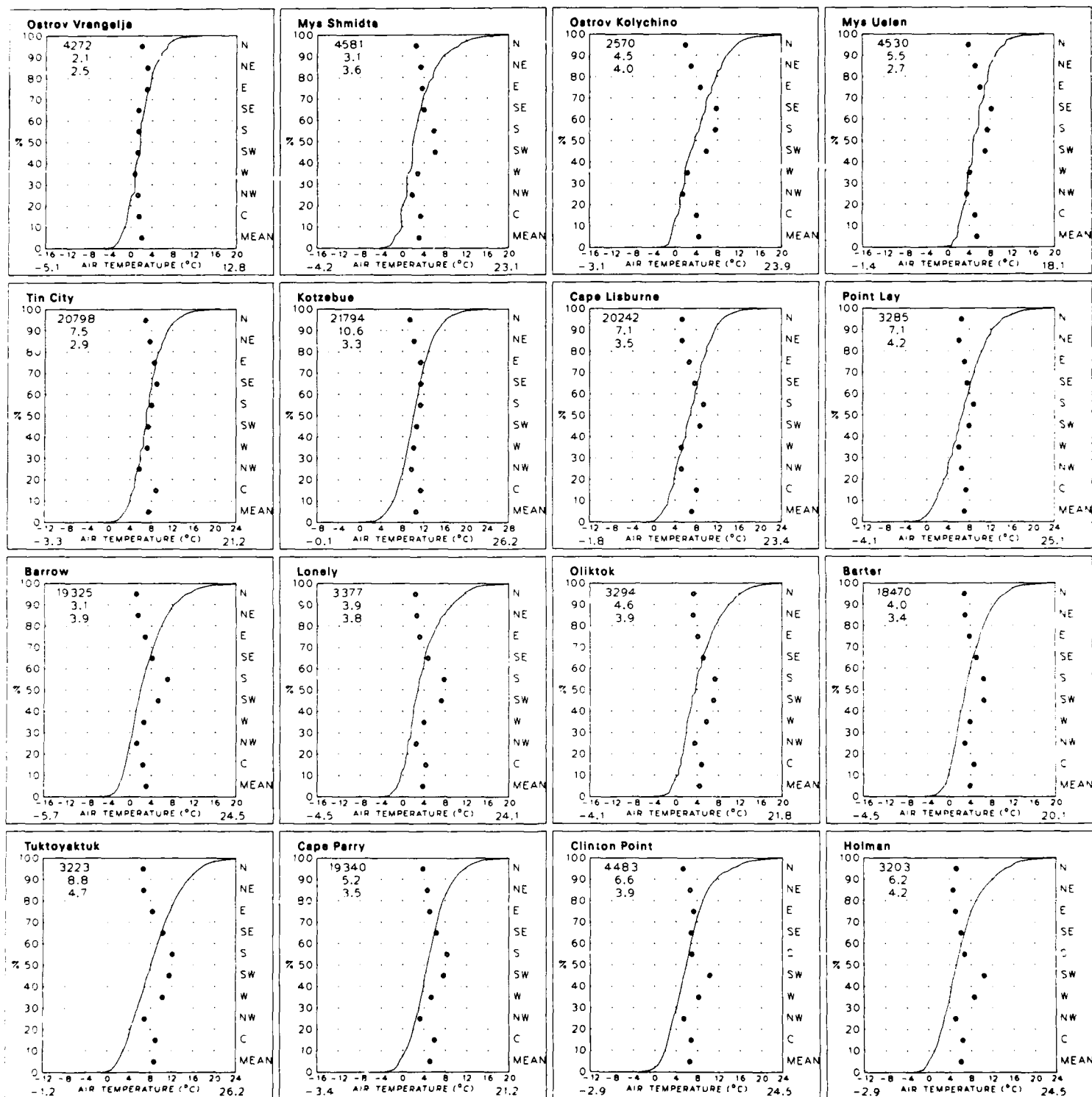
July

8 Air Temperature and Wind Direction



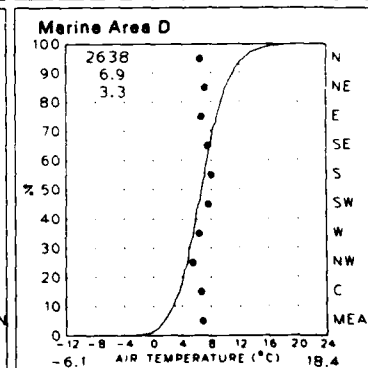
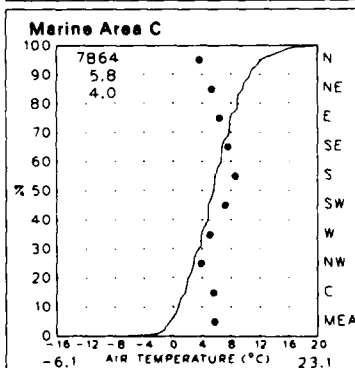
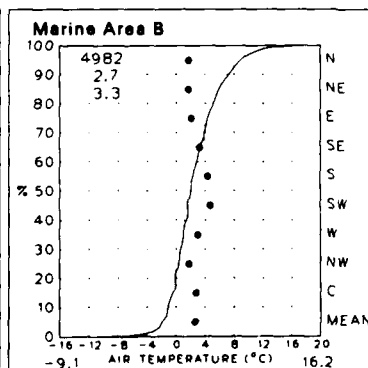
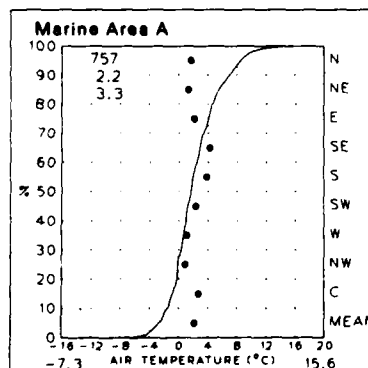
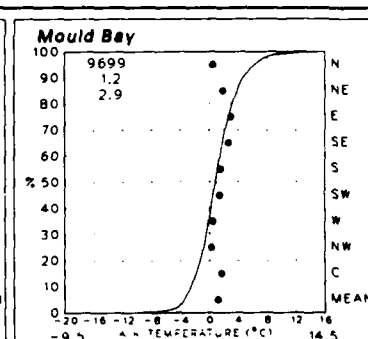
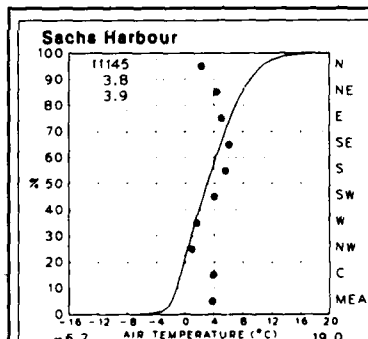
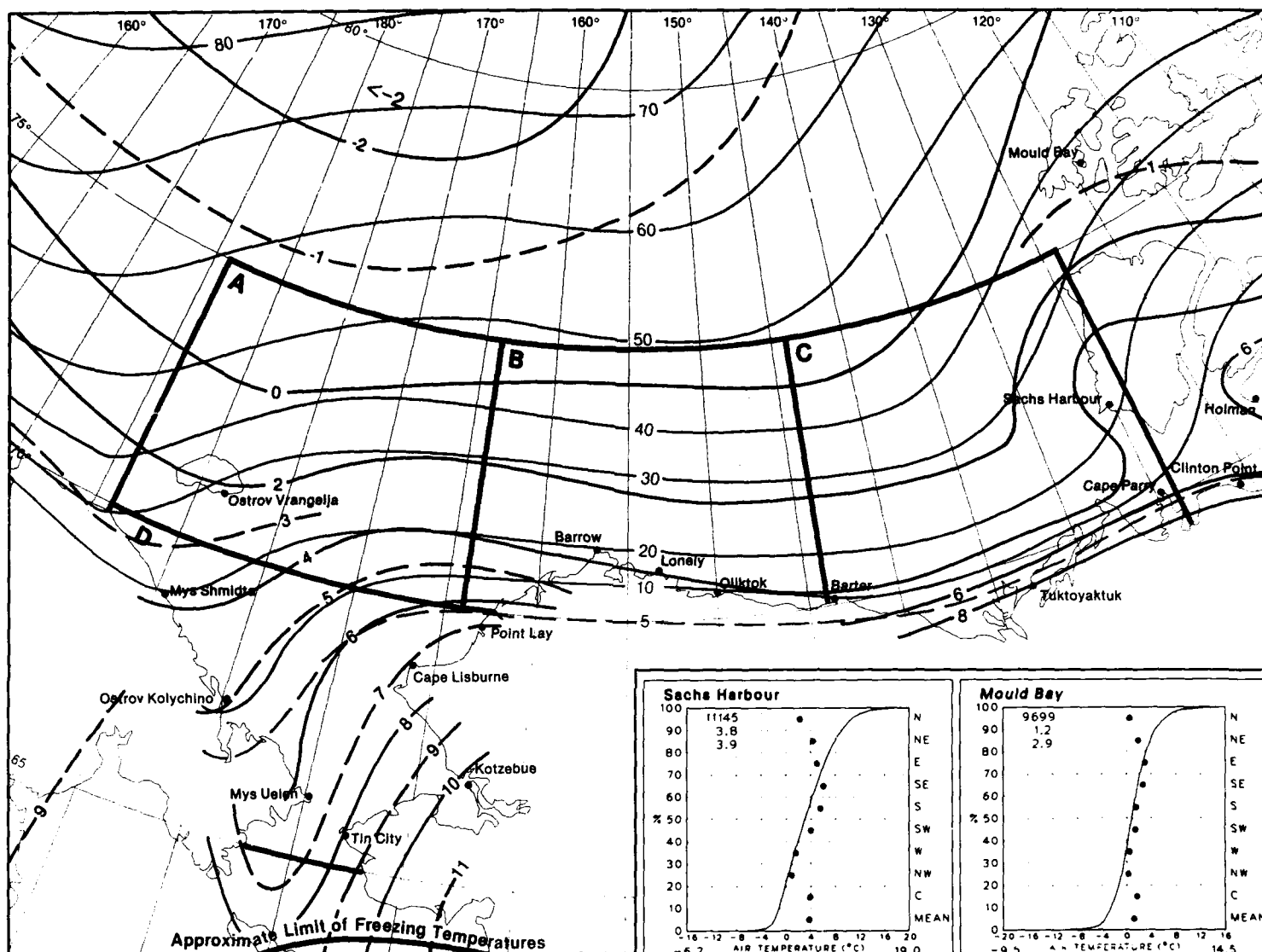
8 Air Temperature Mean and Frequency $\leq 0^{\circ}\text{C}$

July



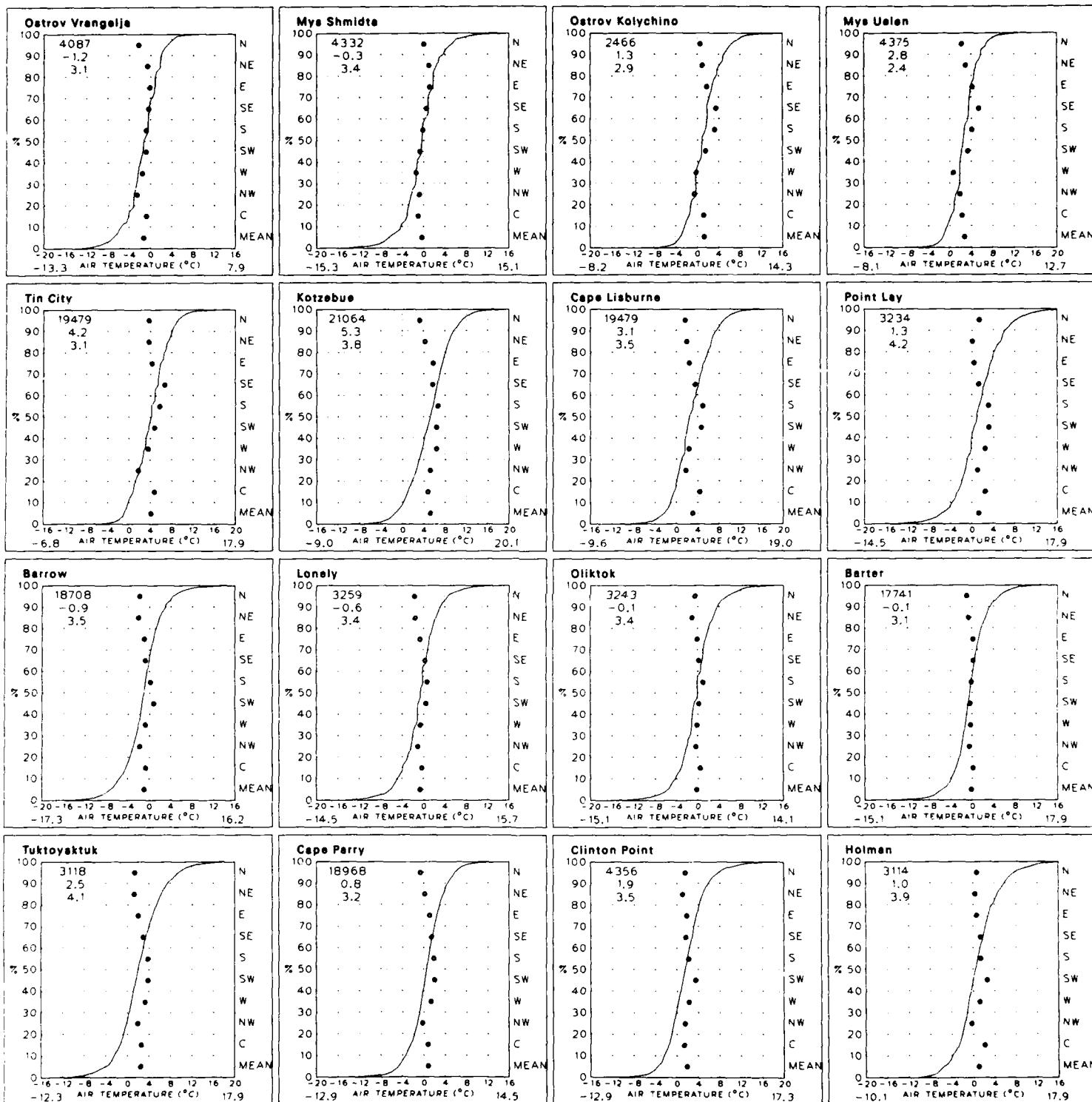
August

8 Air Temperature and Wind Direction



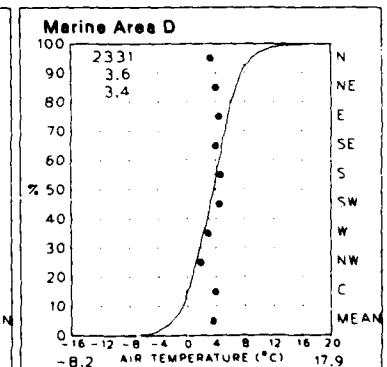
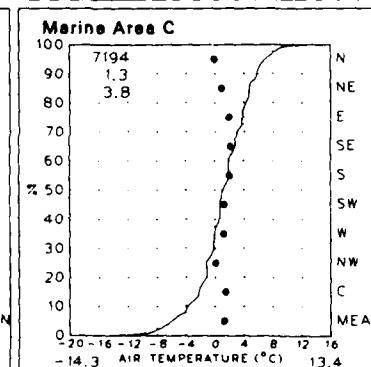
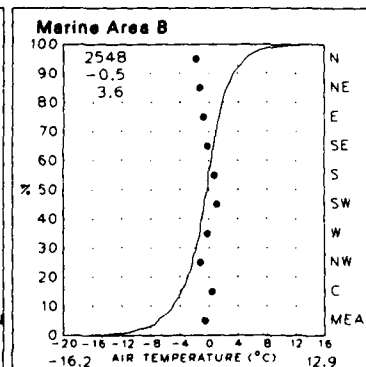
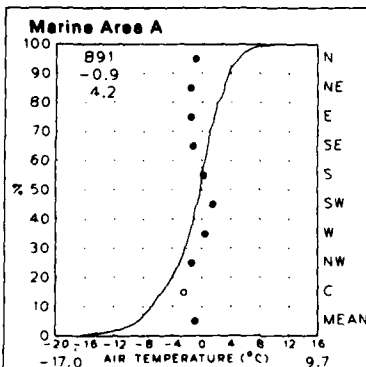
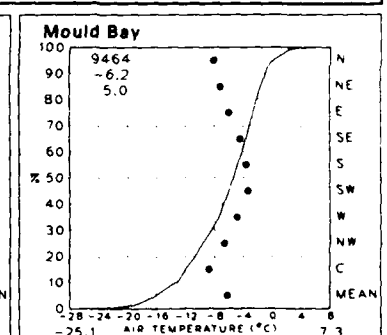
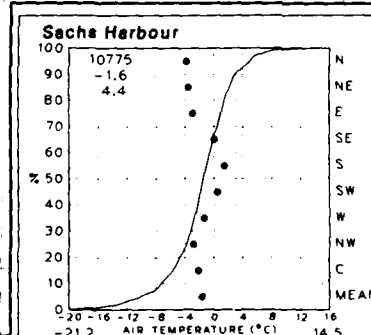
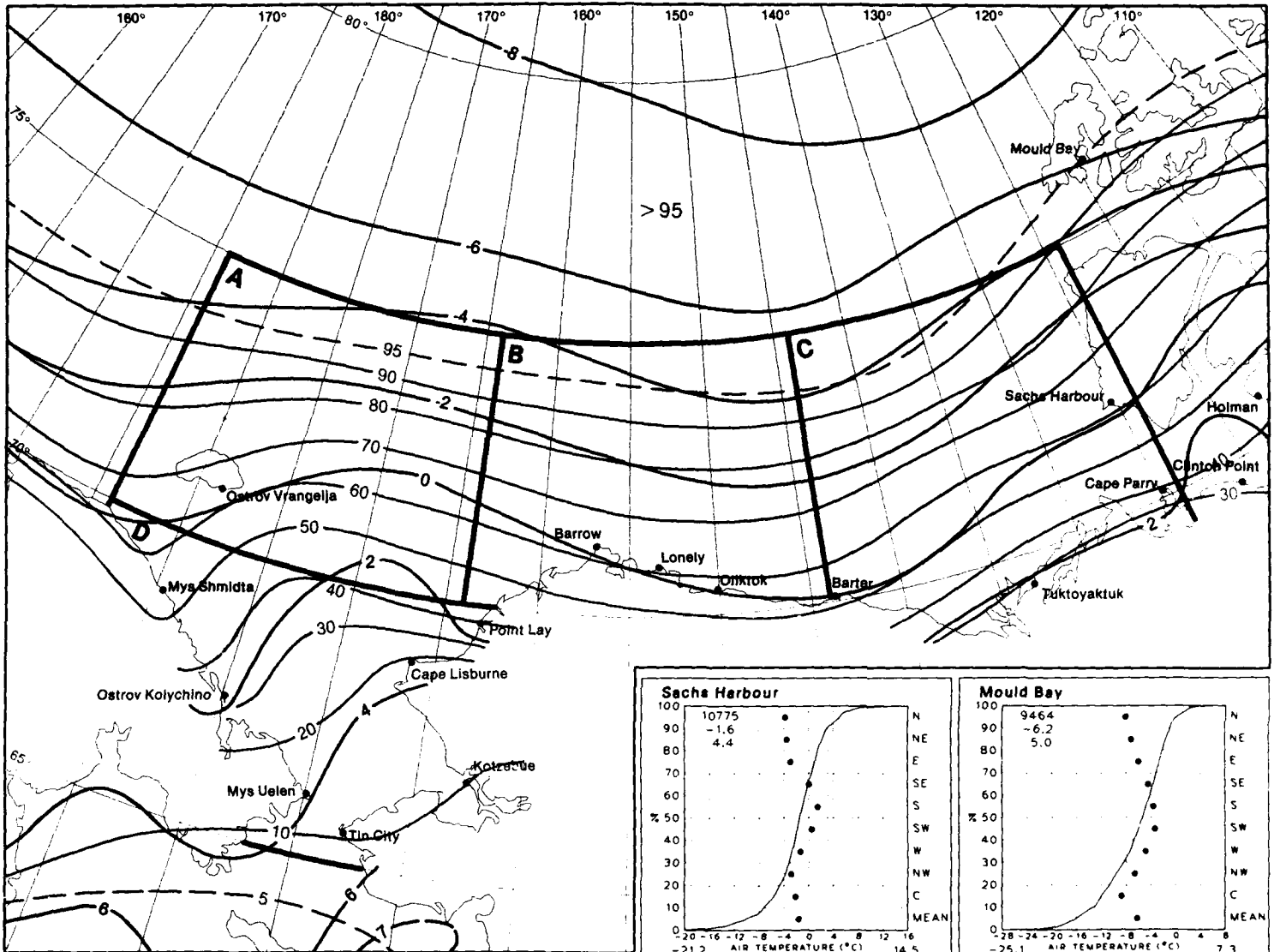
8 Air Temperature Mean and Frequency $\pm 0^\circ\text{C}$

August



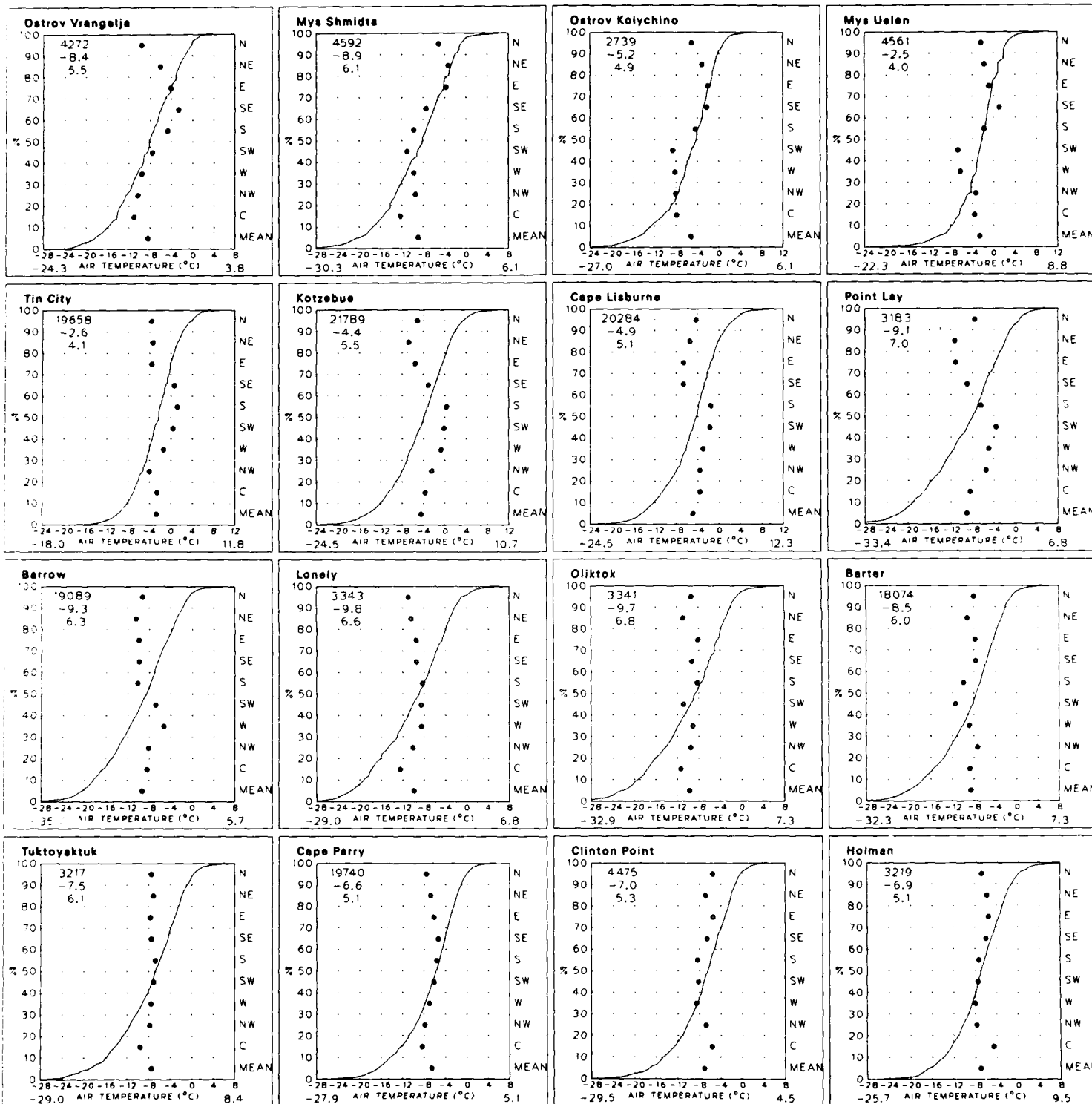
September

8 Air Temperature and Wind Direction



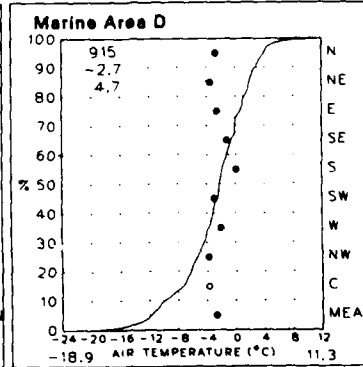
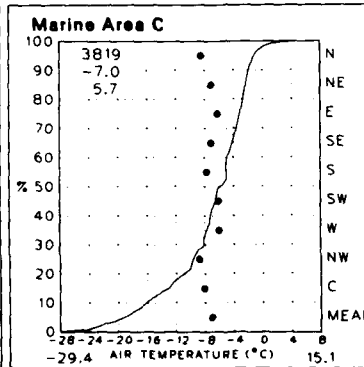
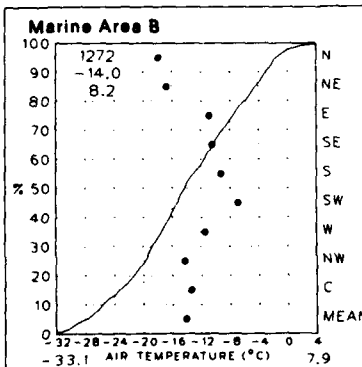
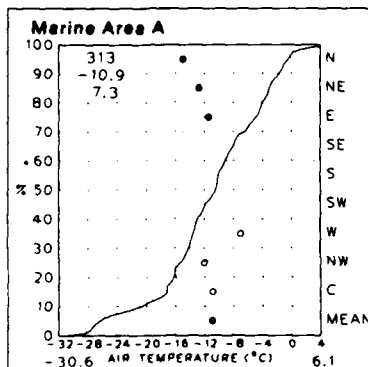
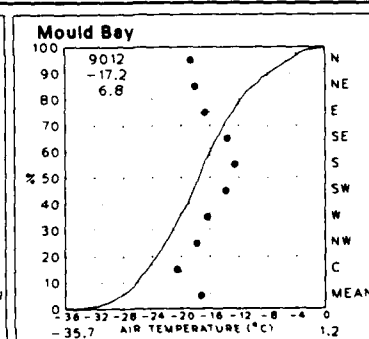
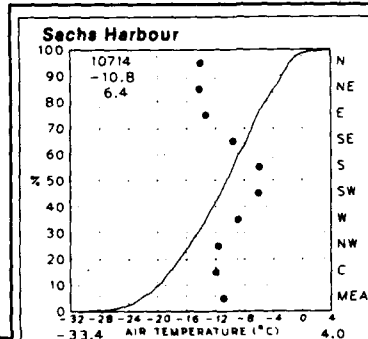
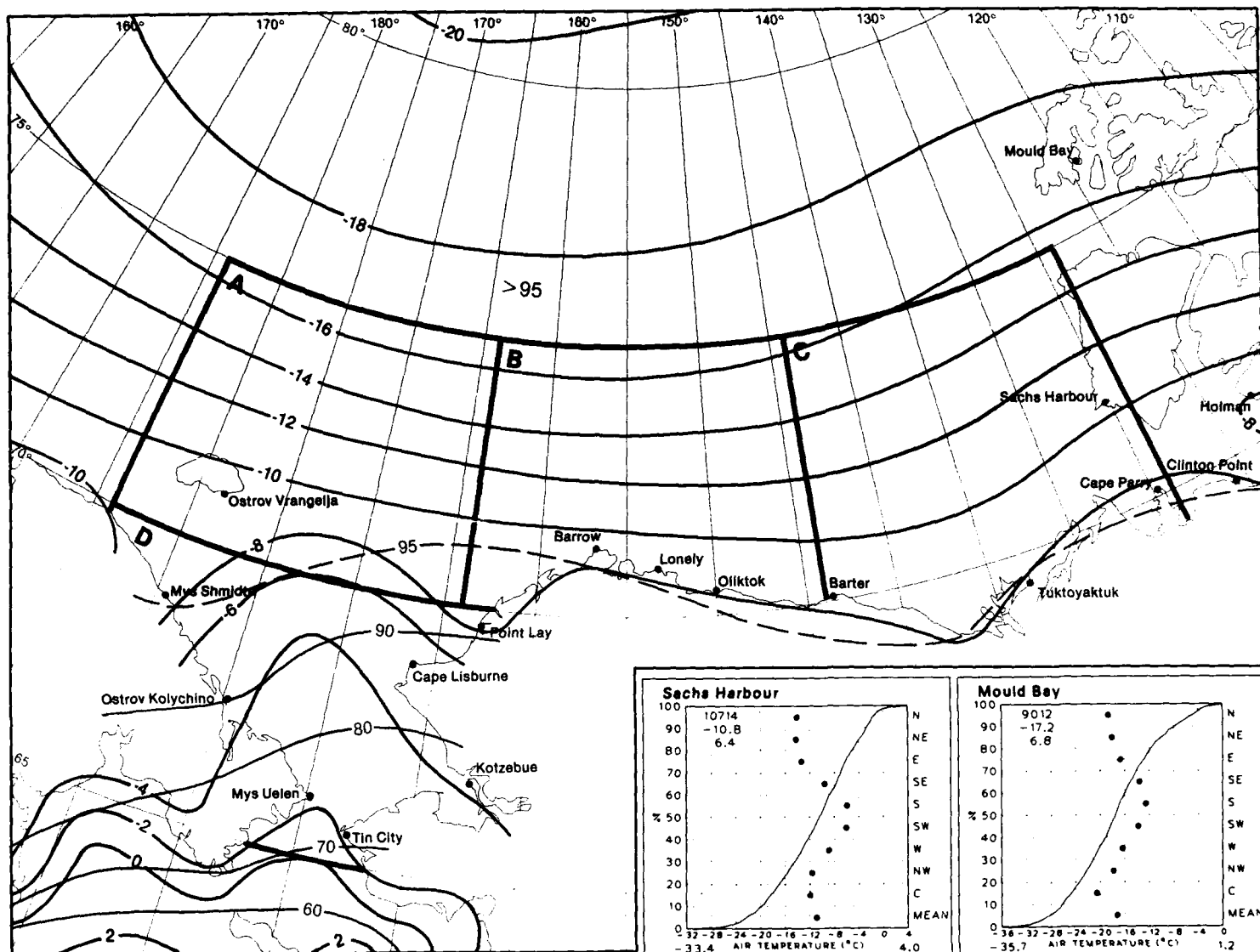
8 Air Temperature Mean and Frequency $\leq 0^{\circ}\text{C}$

September



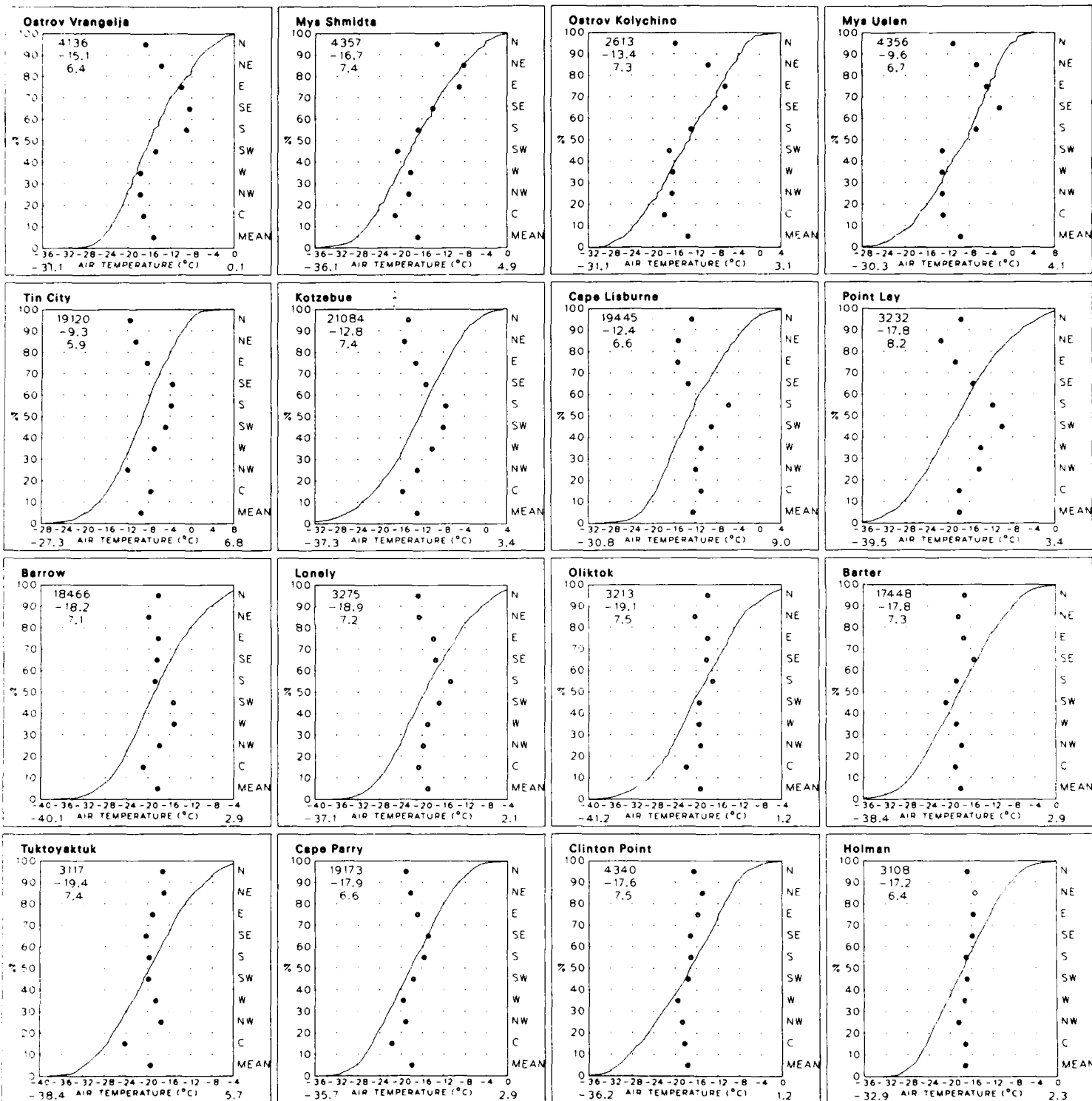
October

8 Air Temperature and Wind Direction



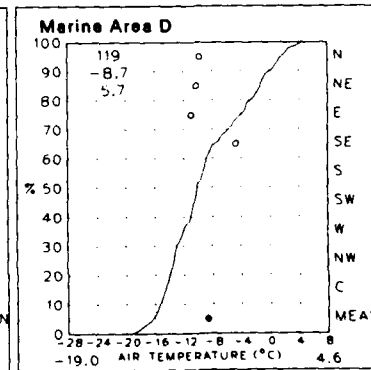
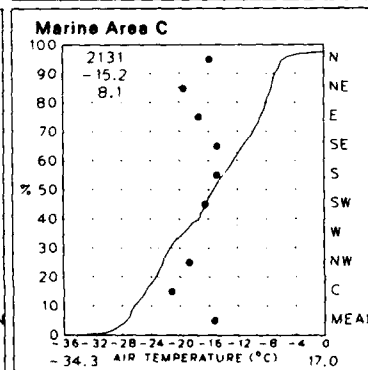
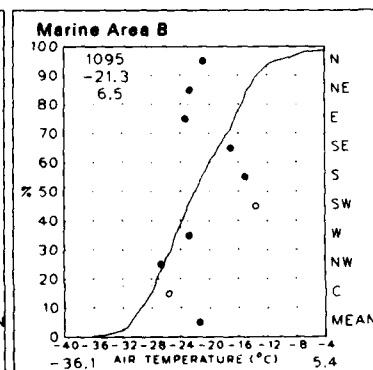
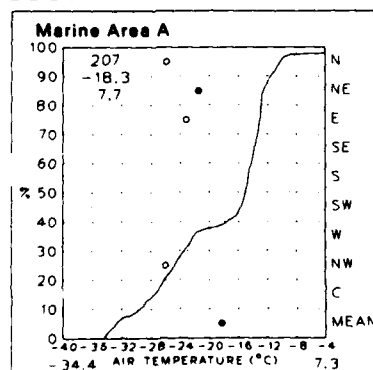
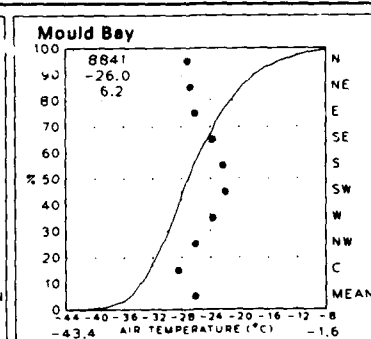
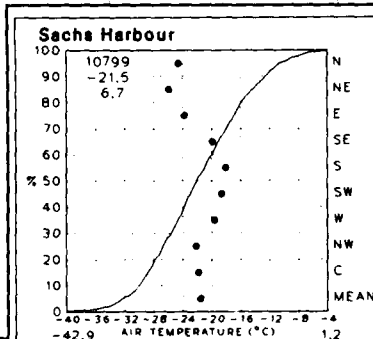
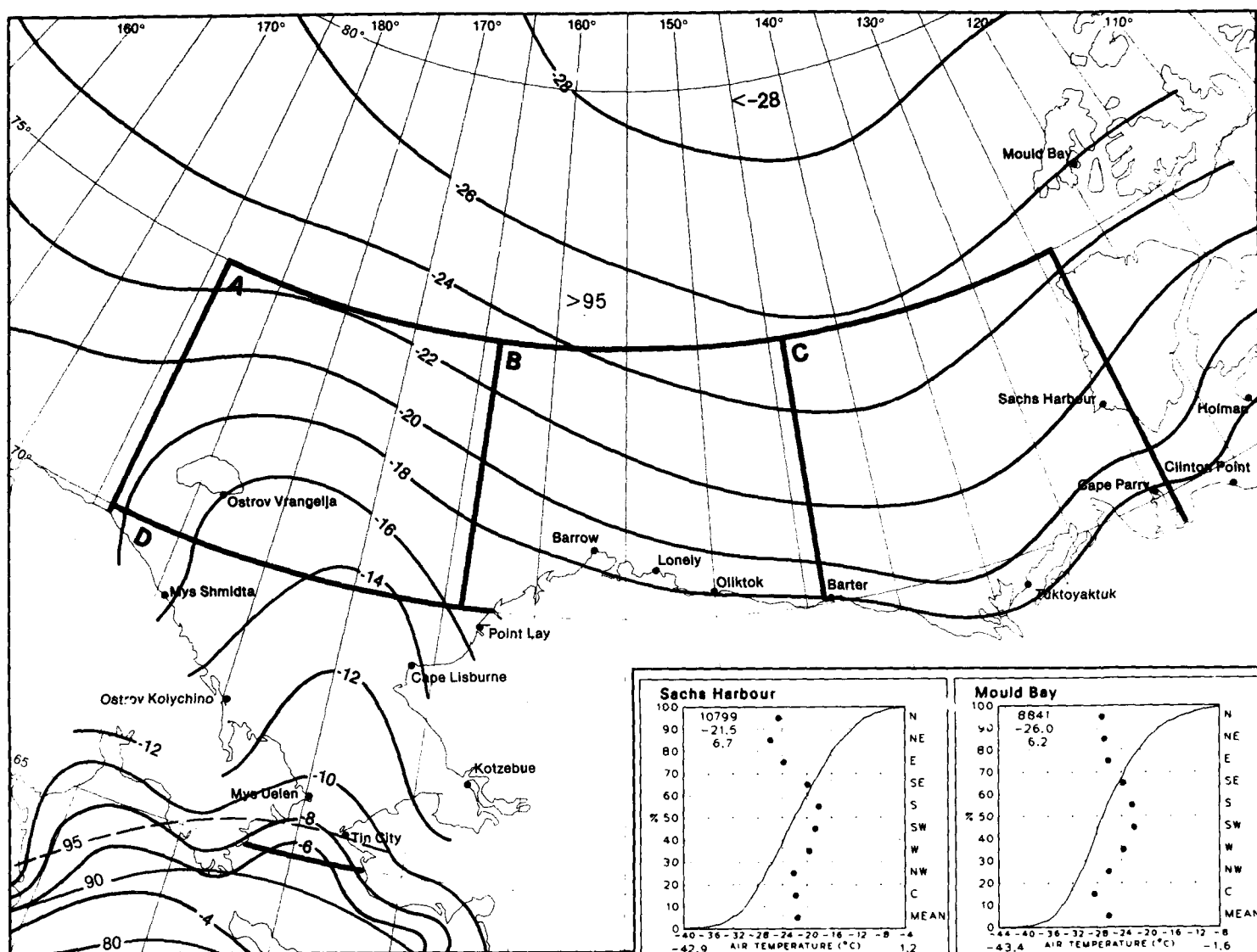
8 Air Temperature Mean and Frequency $\leq 0^{\circ}\text{C}$

October

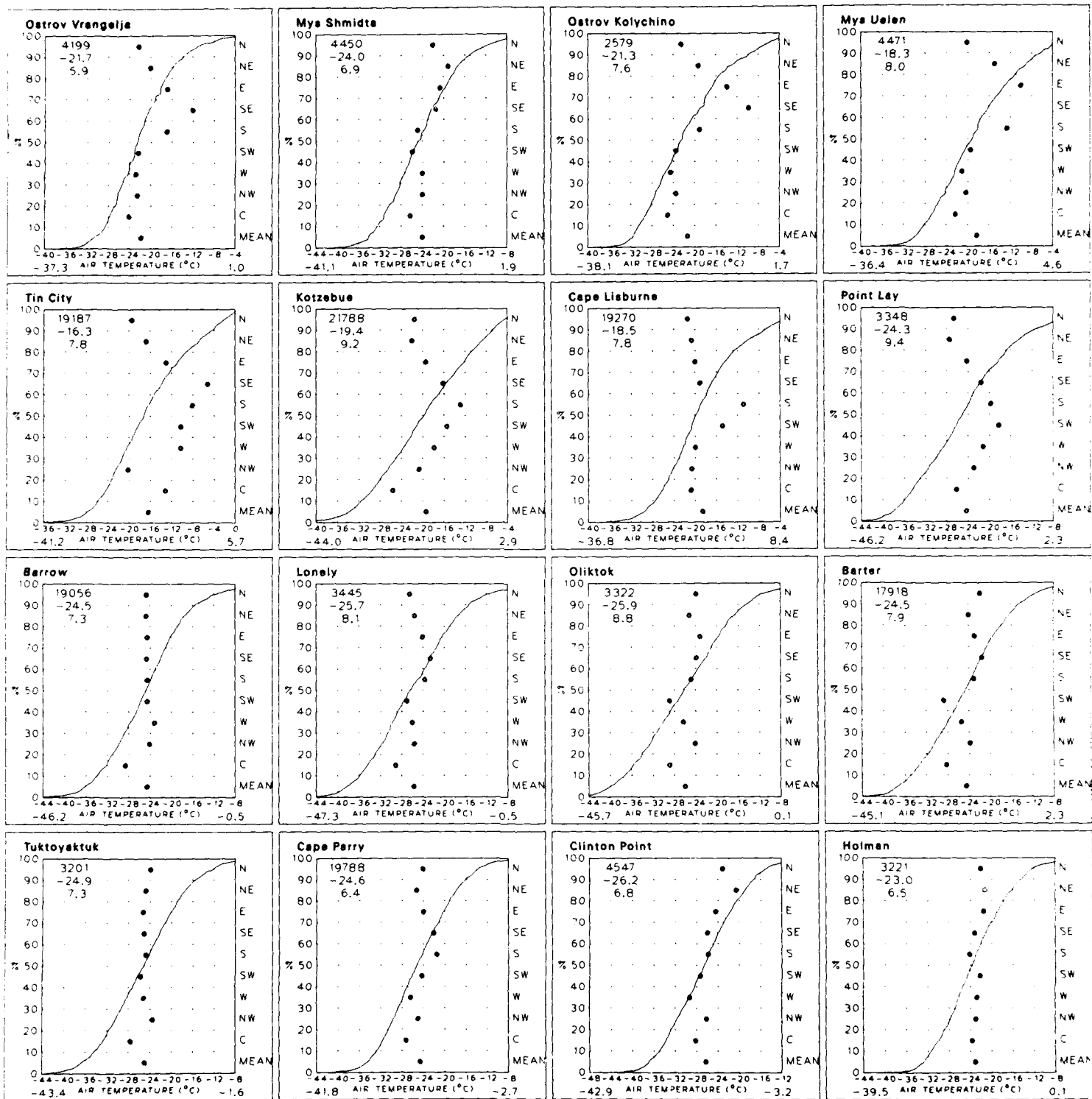


November

8 Air Temperature and Wind Direction

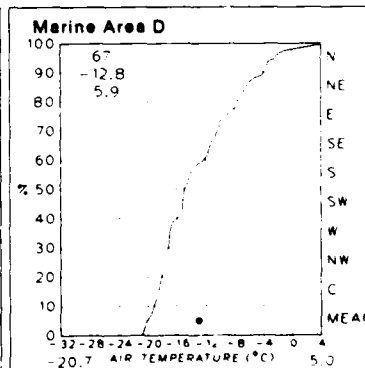
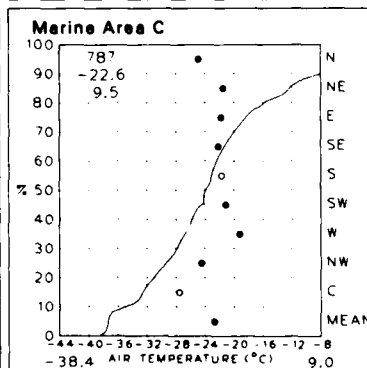
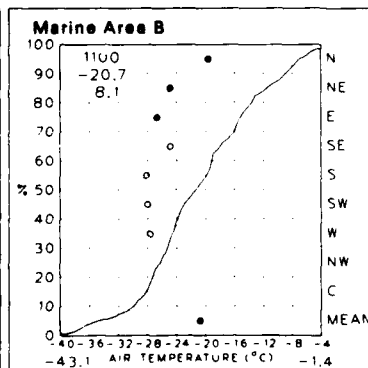
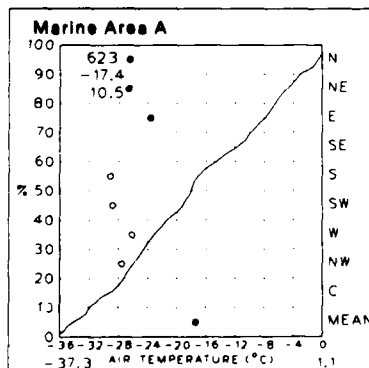
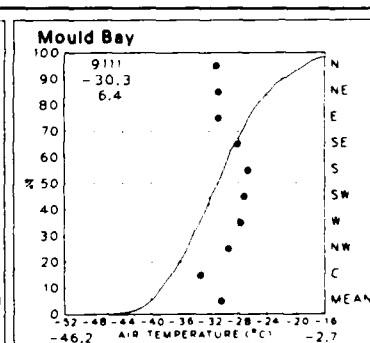
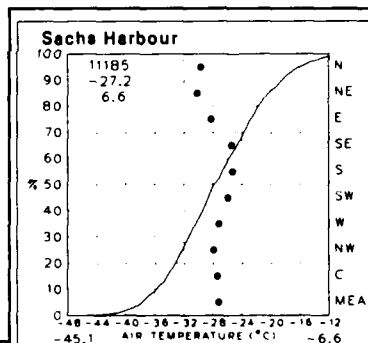
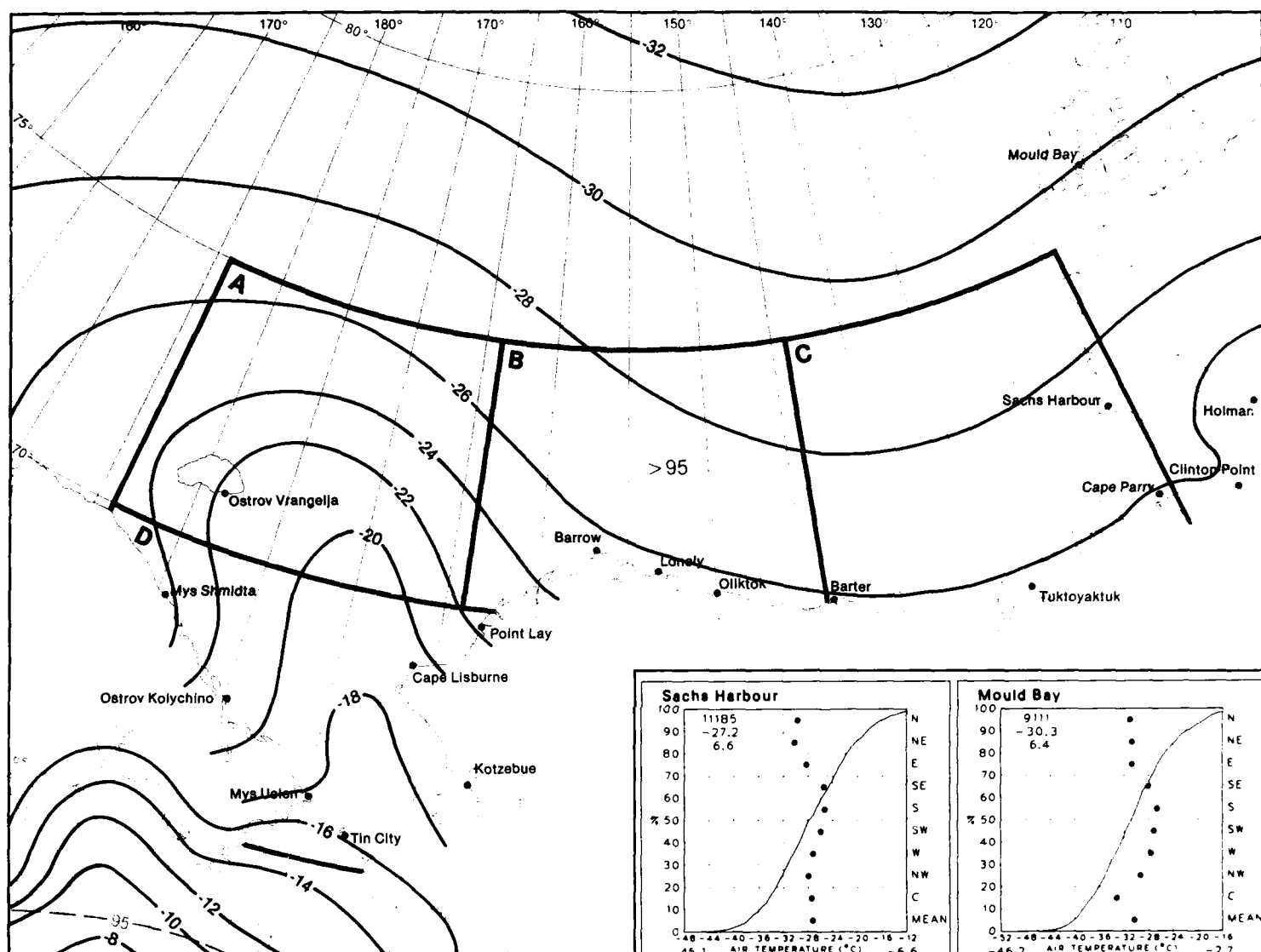
8 Air Temperature Mean and Frequency $\leq 0^{\circ}\text{C}$

November



December

8 Air Temperature and Wind Direction



8 Air Temperature Mean and Frequency $\leq 0^{\circ}\text{C}$

December

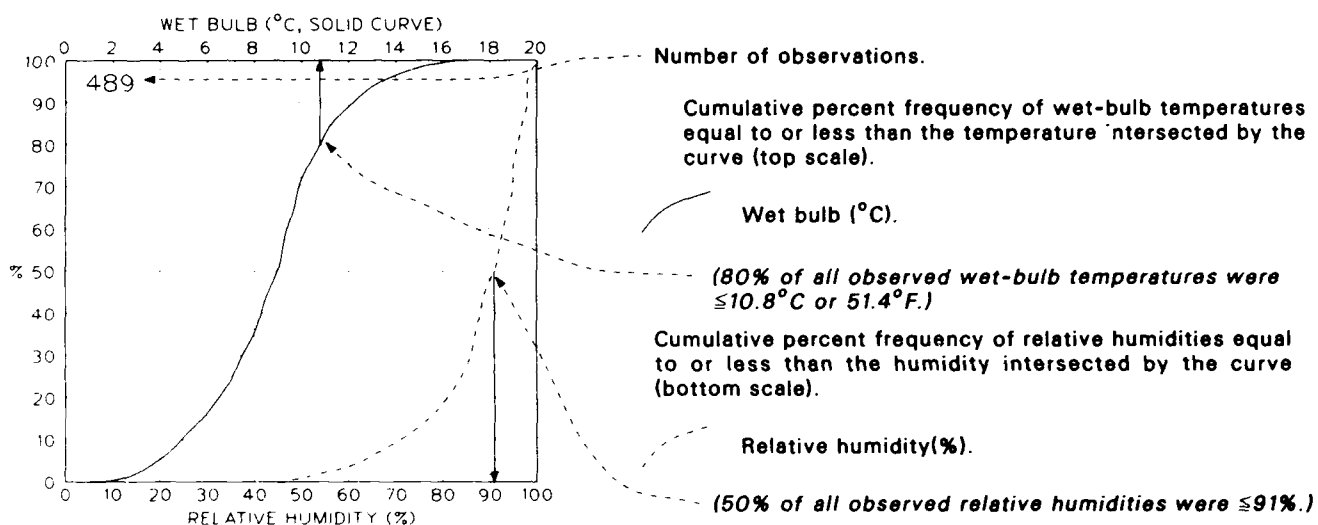
Map 9. Dew point temperature extremes (°C)

BLACK LINE – Maximum (99%) dew point temperature (1% of temperatures were greater than the given value).

BLUE LINE – Minimum (1%) dew point temperature (1% of temperatures were equal to or less than the given value).

Albers Equal-Area Conic Projection

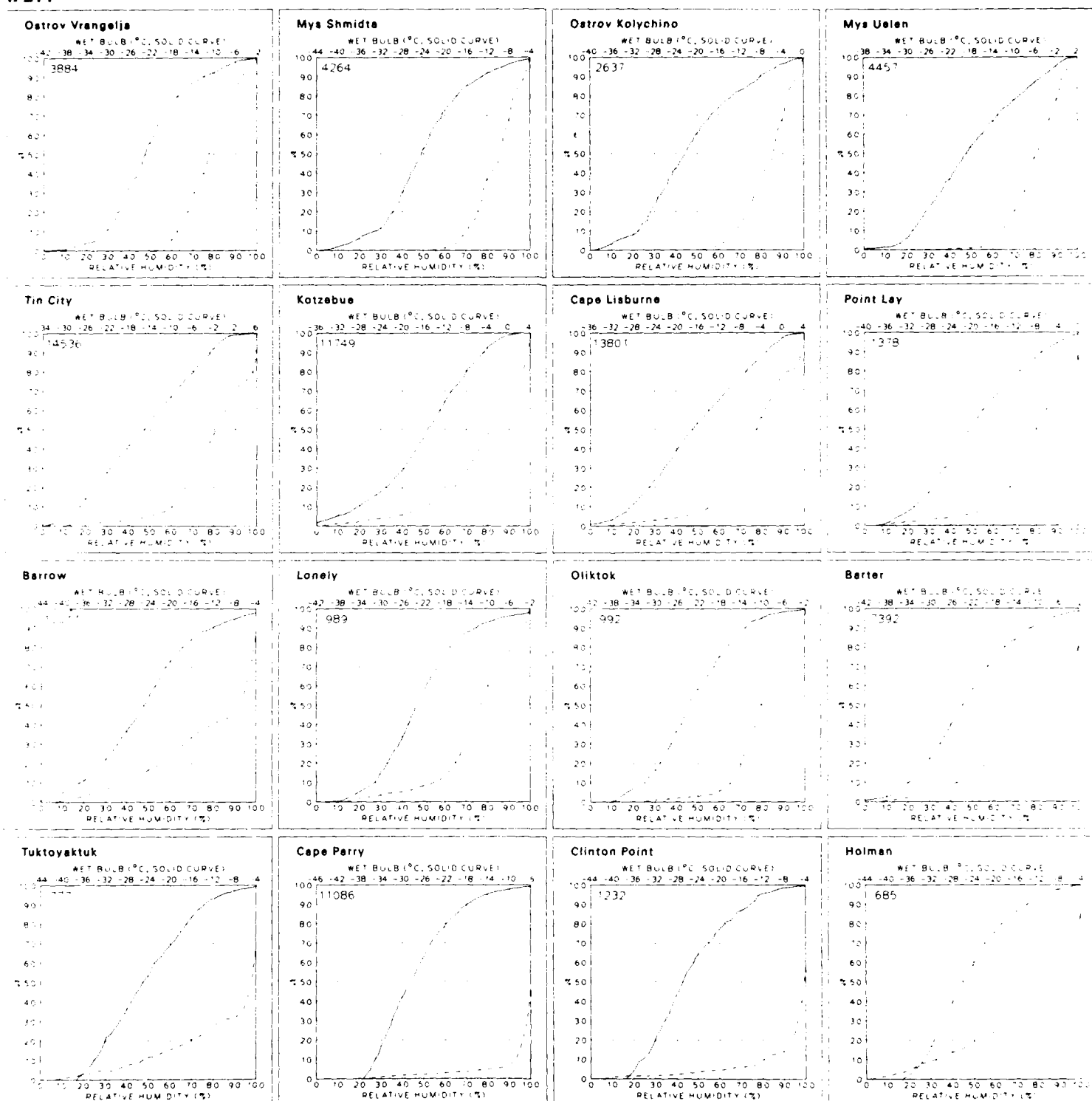
Graphs: Wet bulb/relative humidity

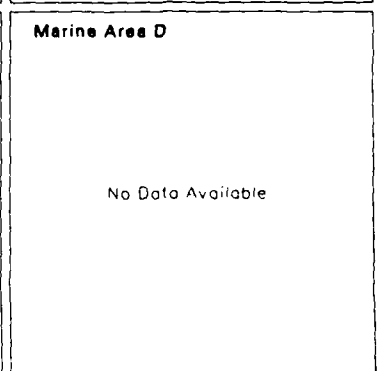
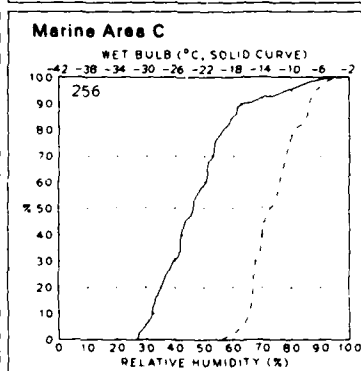
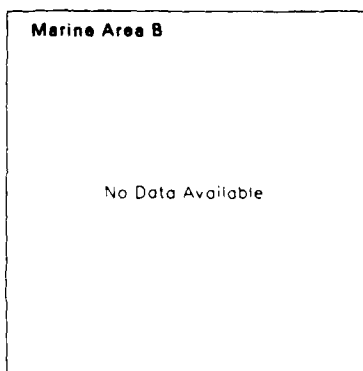
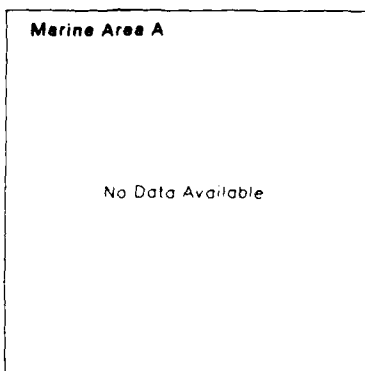
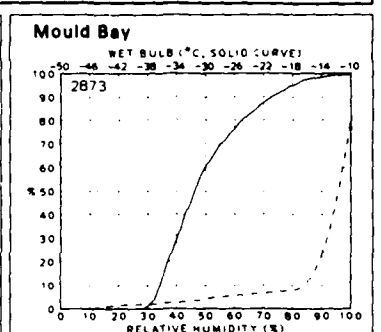
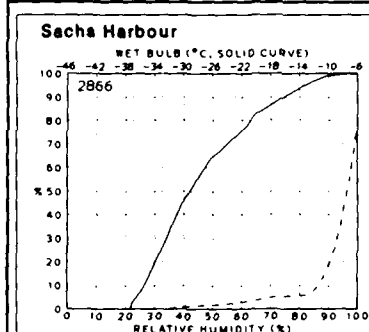
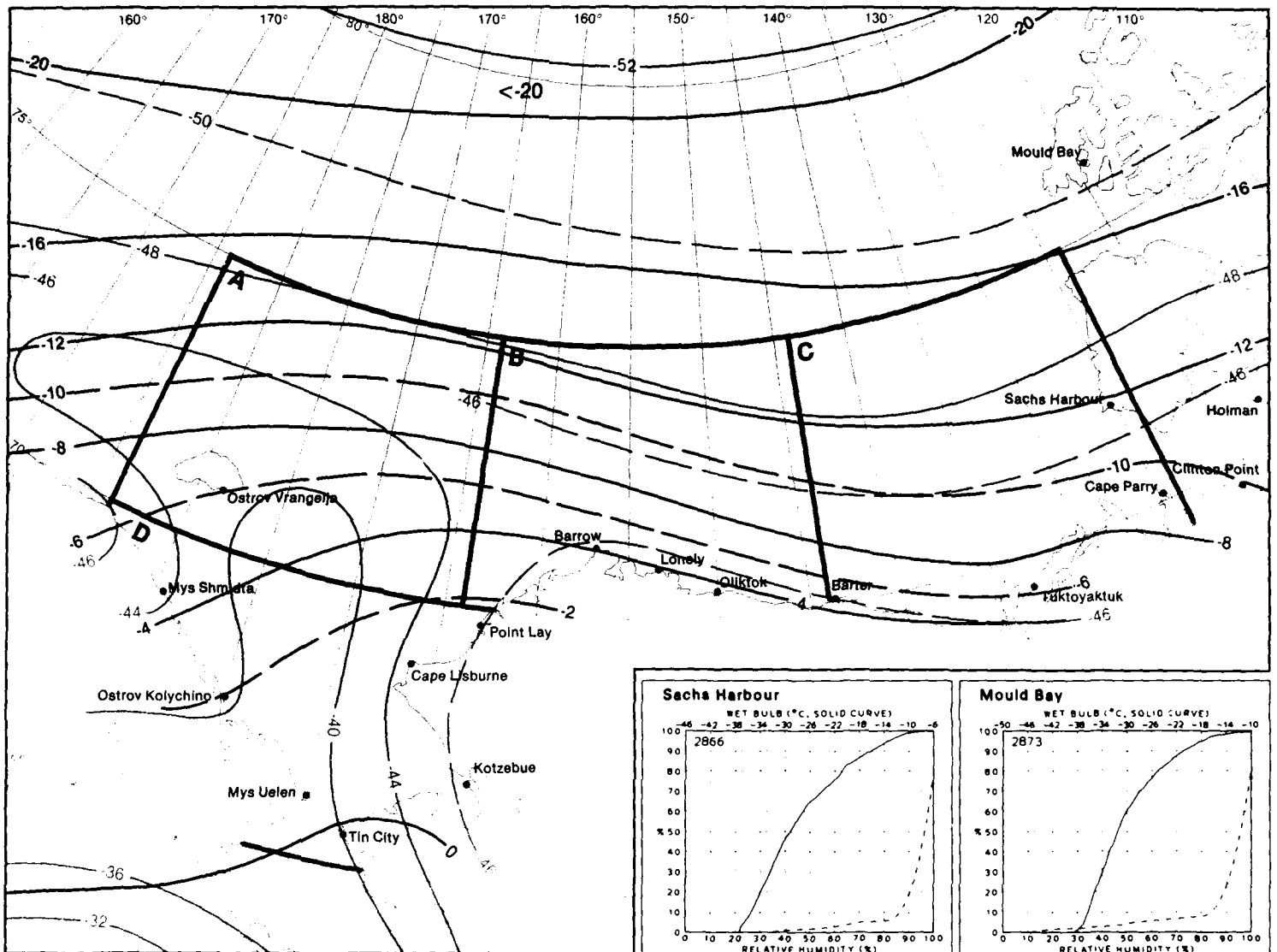


The observation count for the graph reflects those observations containing both dry and wet bulb temperatures; both are required in computing the relative humidity. The percentage of observations of either element greater than a given value can be obtained from the graph by subtracting the cumulative percent frequency of that value from 100%.

9 Legend

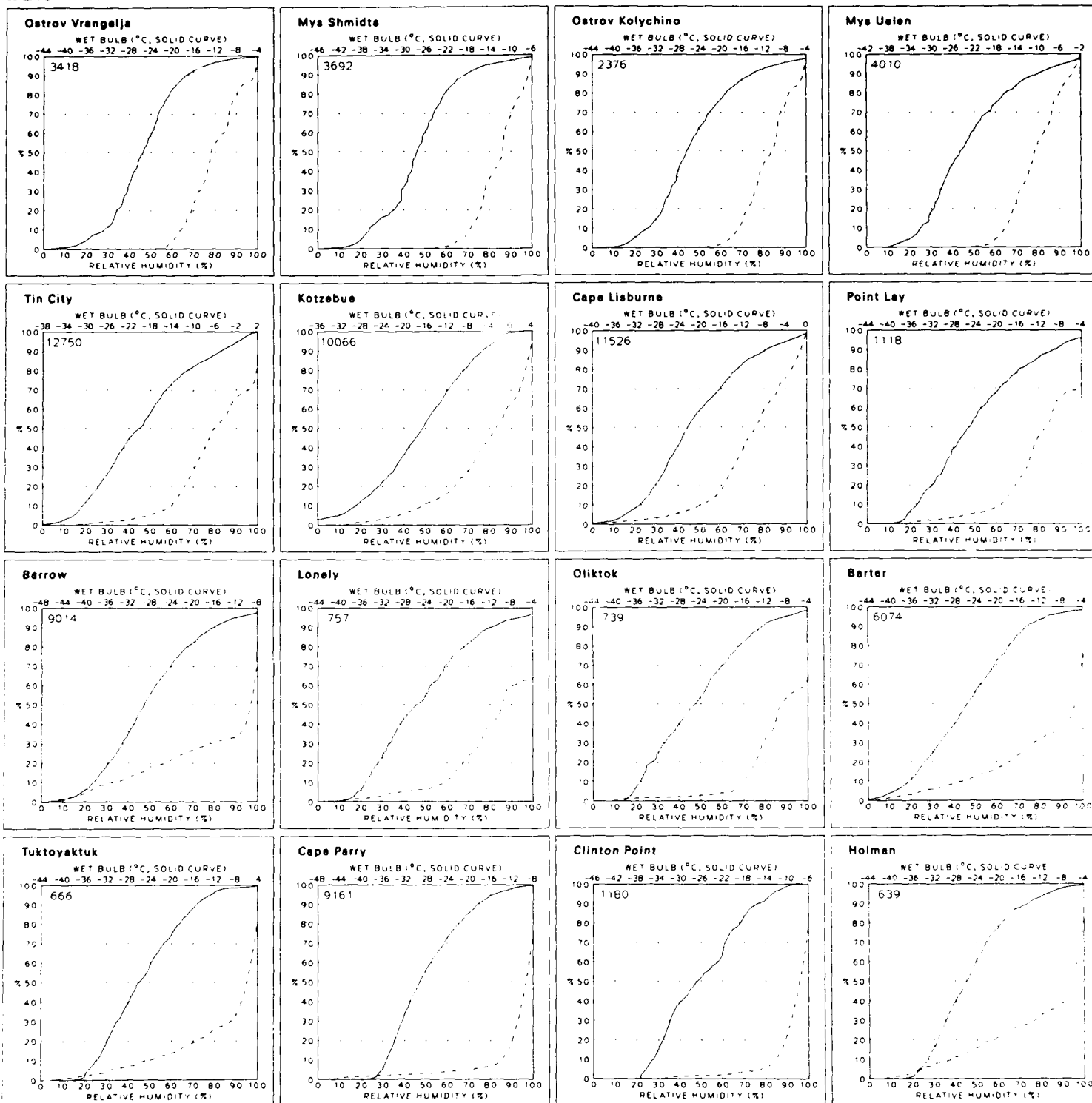
Legend 9





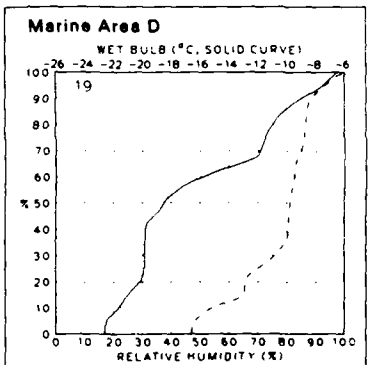
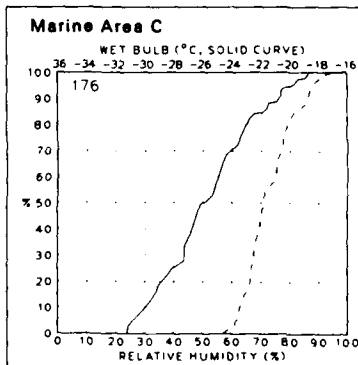
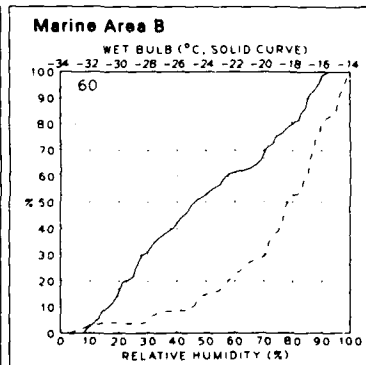
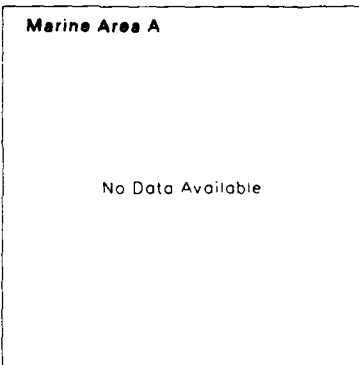
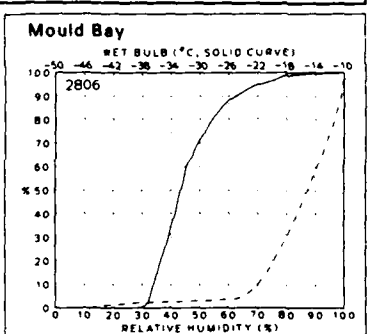
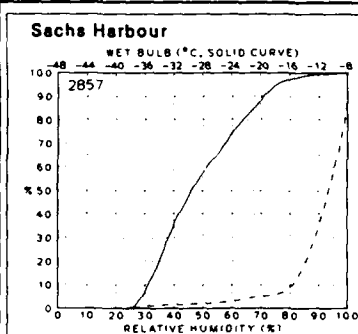
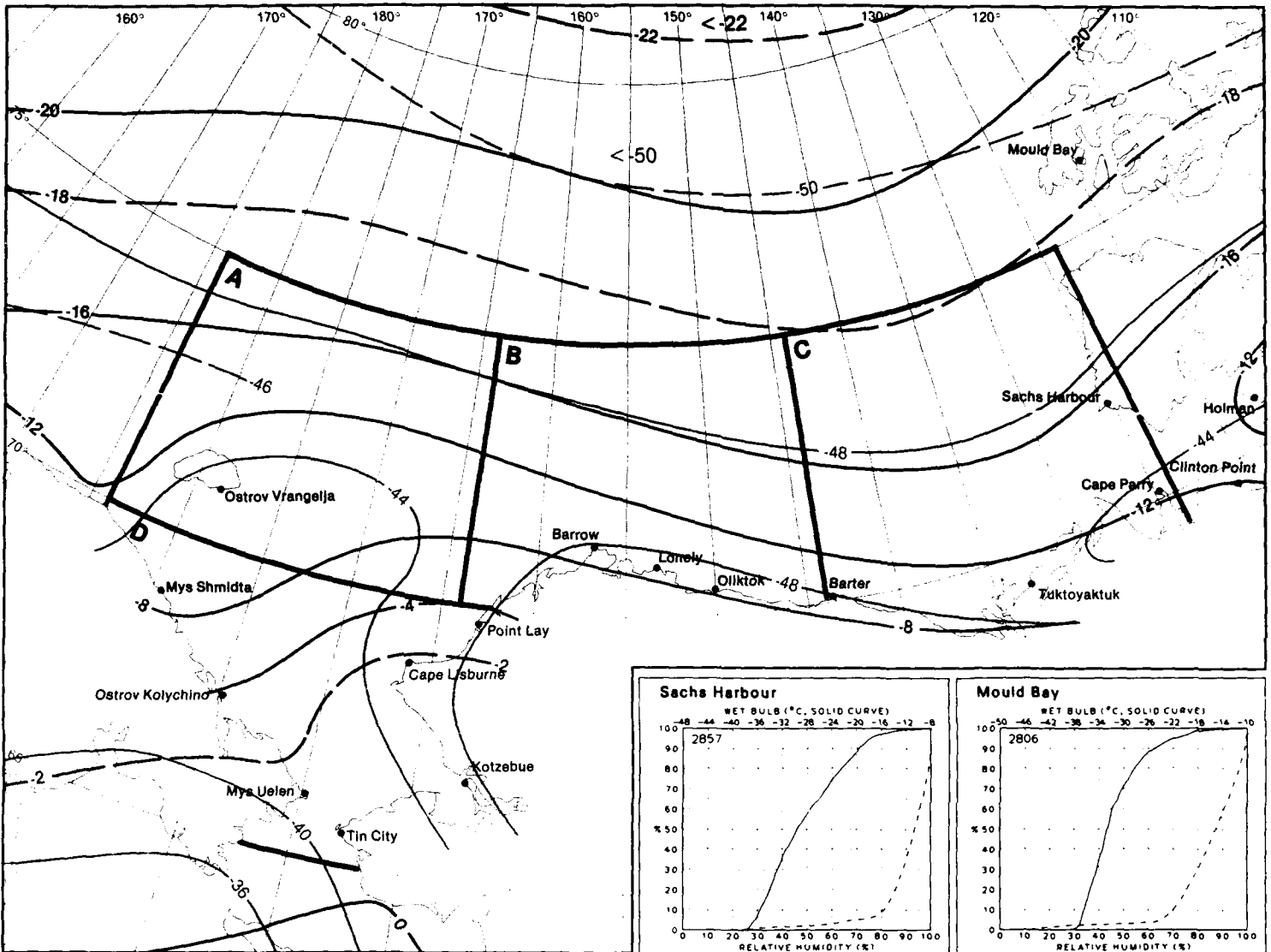
9 Dew Point Temperature Extremes

January



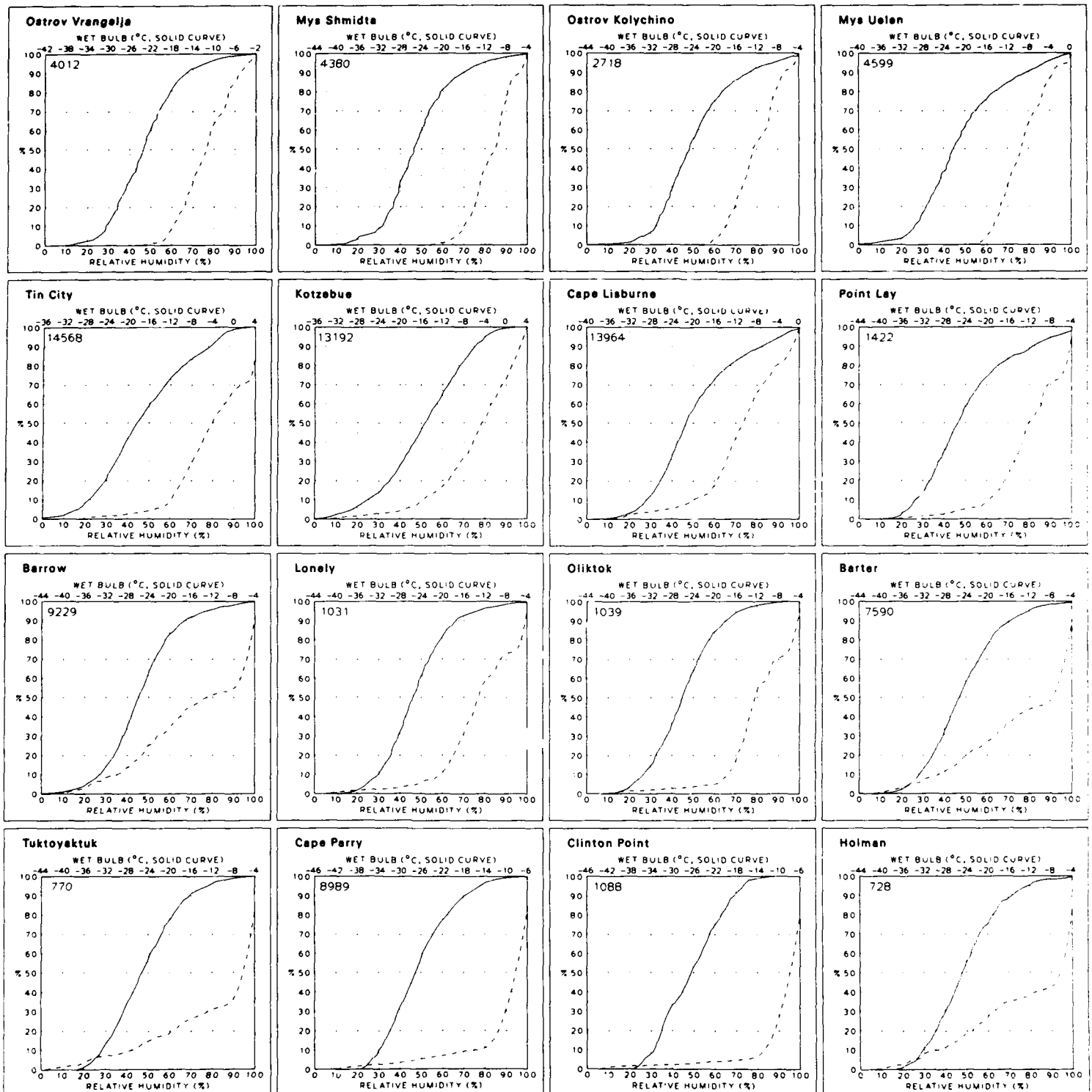
February

9 Wet Bulb and Relative Humidity



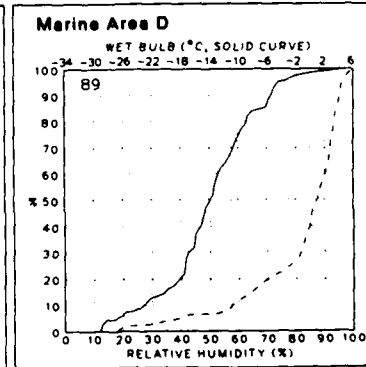
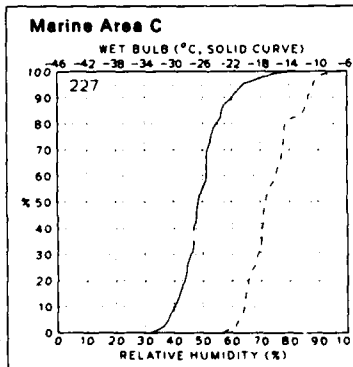
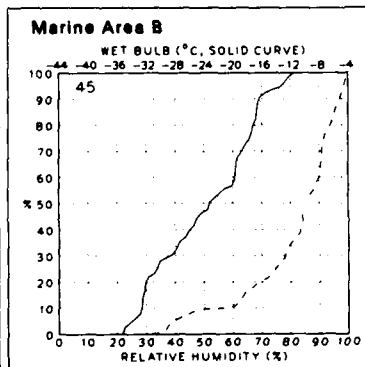
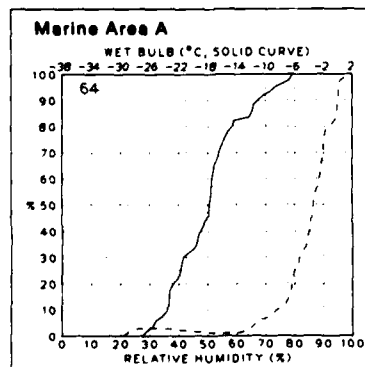
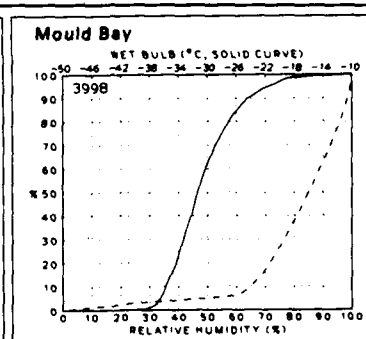
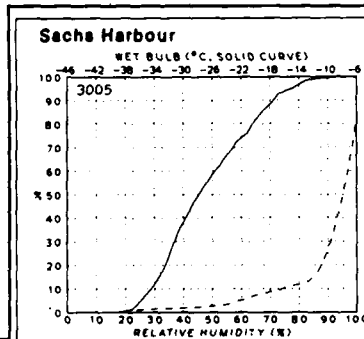
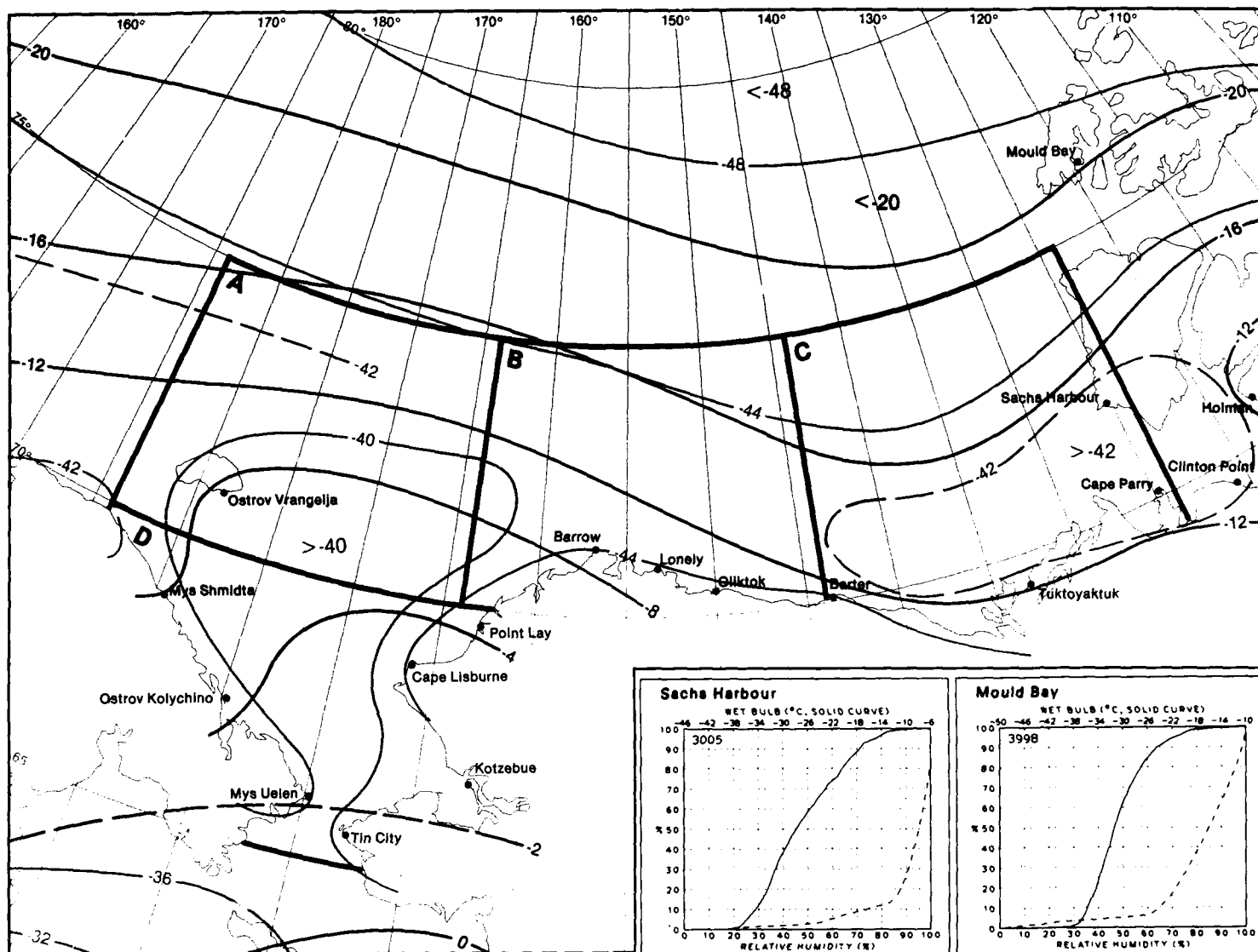
9 Dew Point Temperature Extremes

February



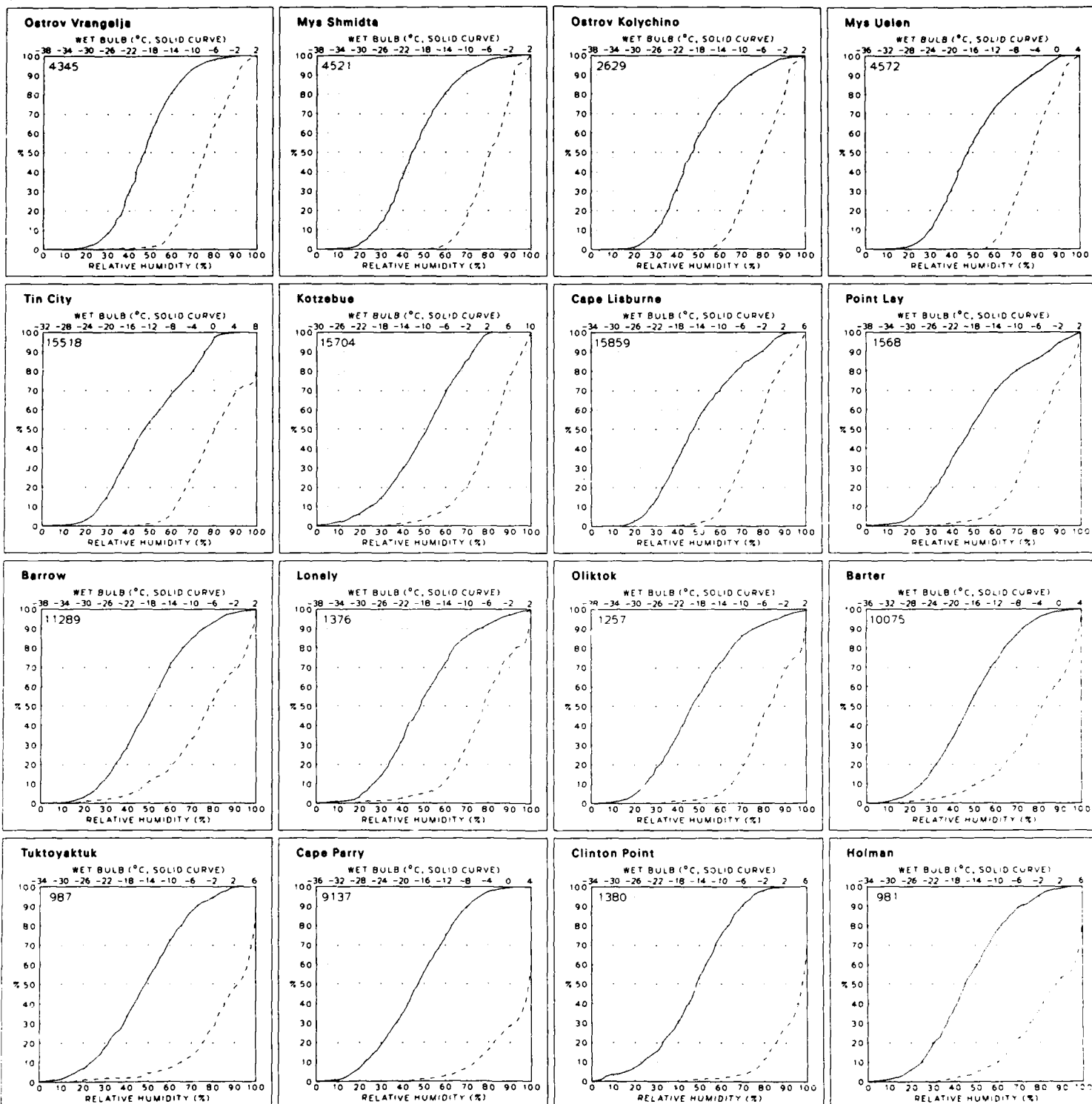
March

9 Wet Bulb and Relative Humidity



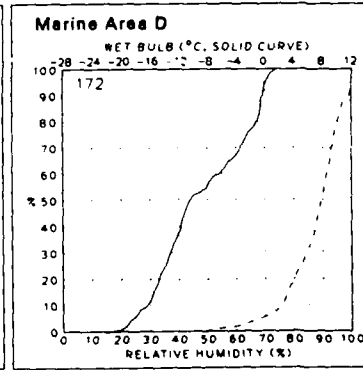
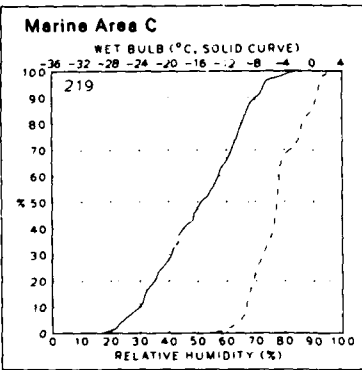
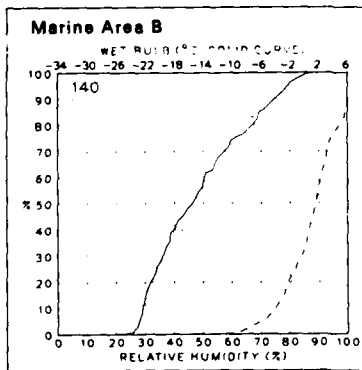
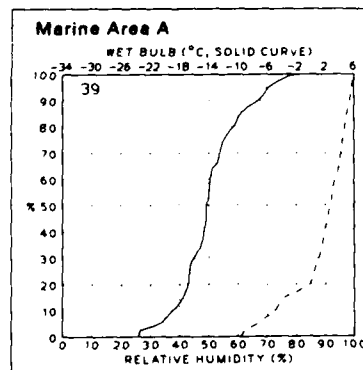
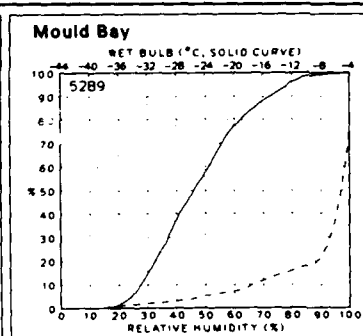
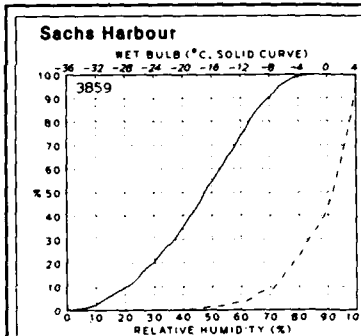
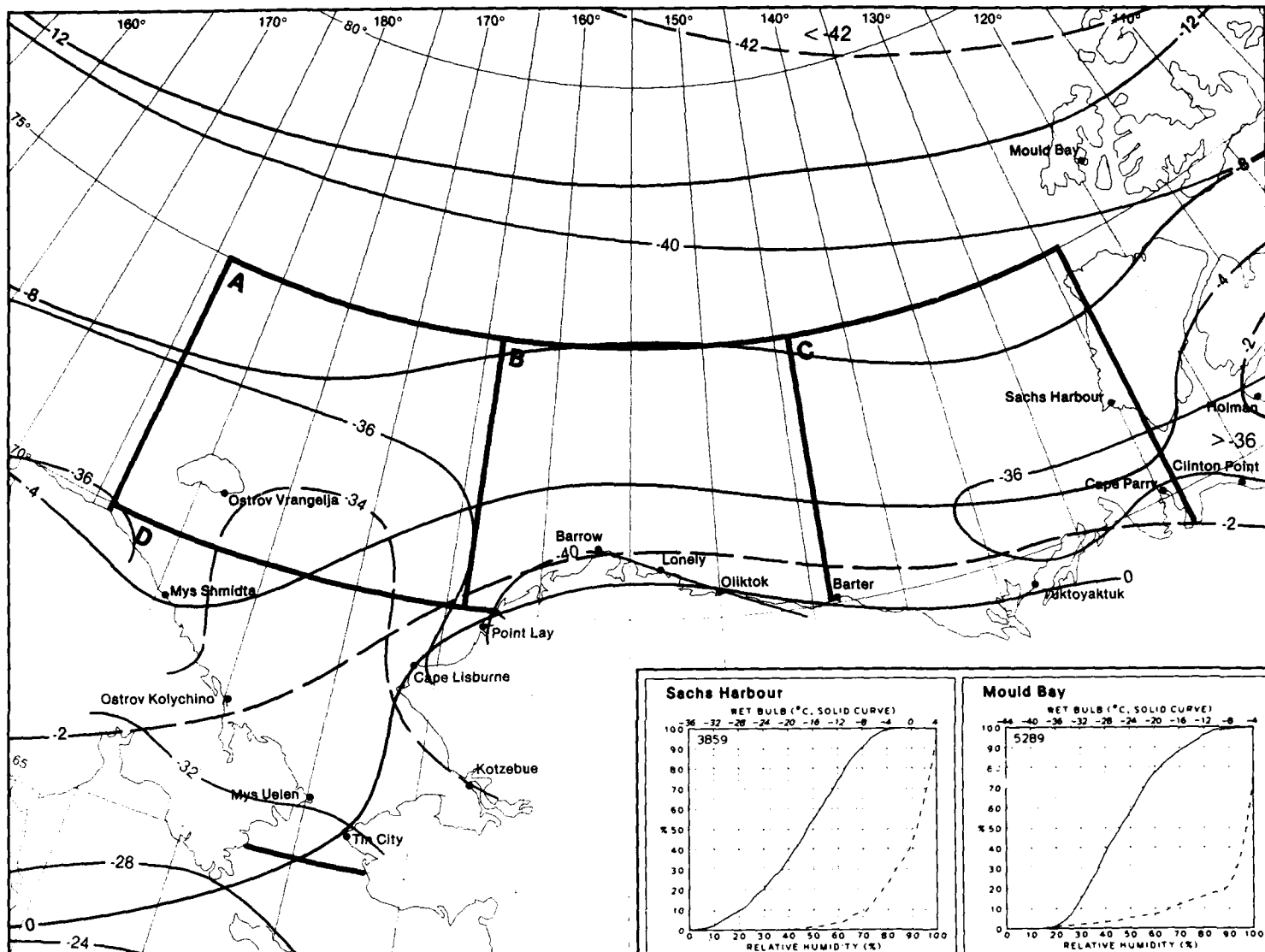
9 Dew Point Temperature Extremes

March



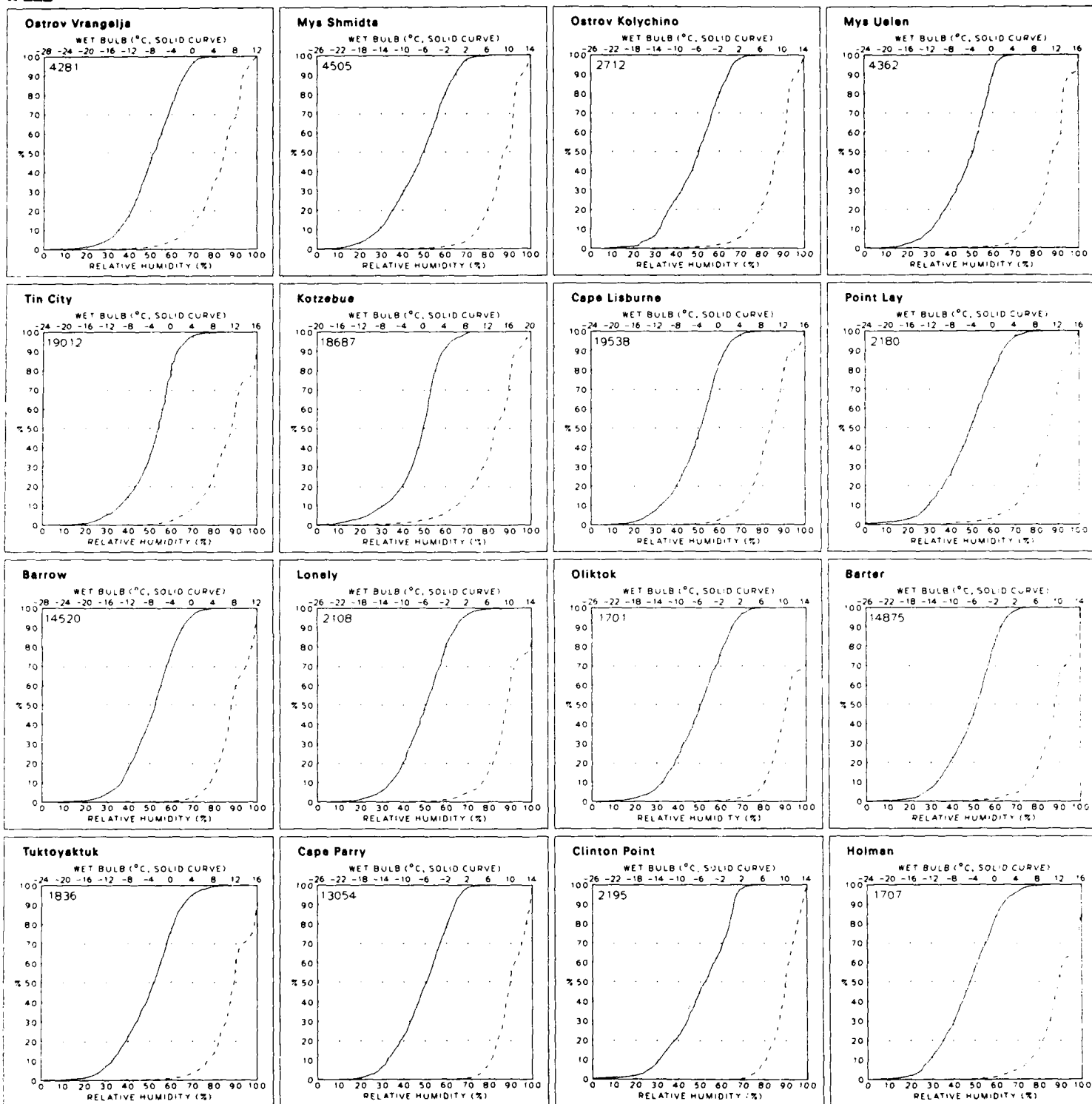
April

9 Wet Bulb and Relative Humidity



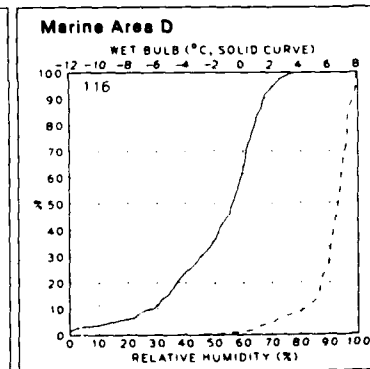
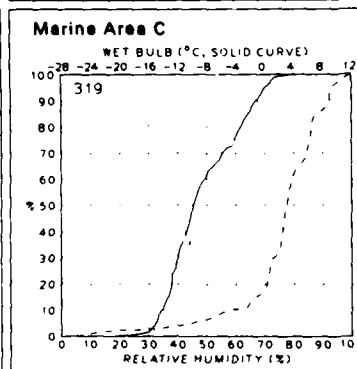
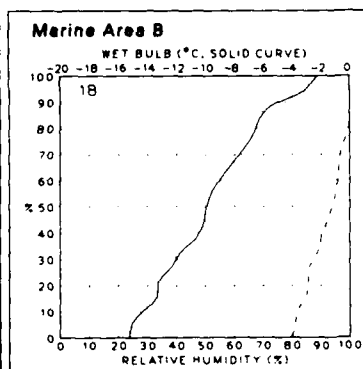
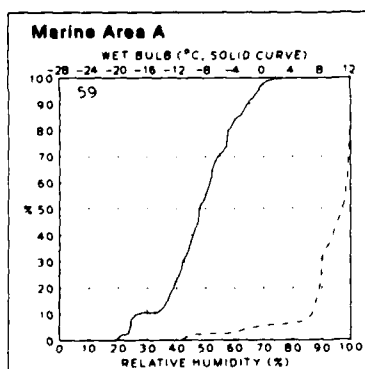
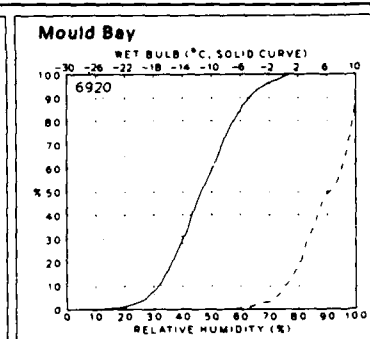
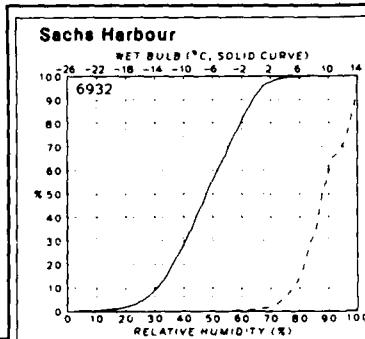
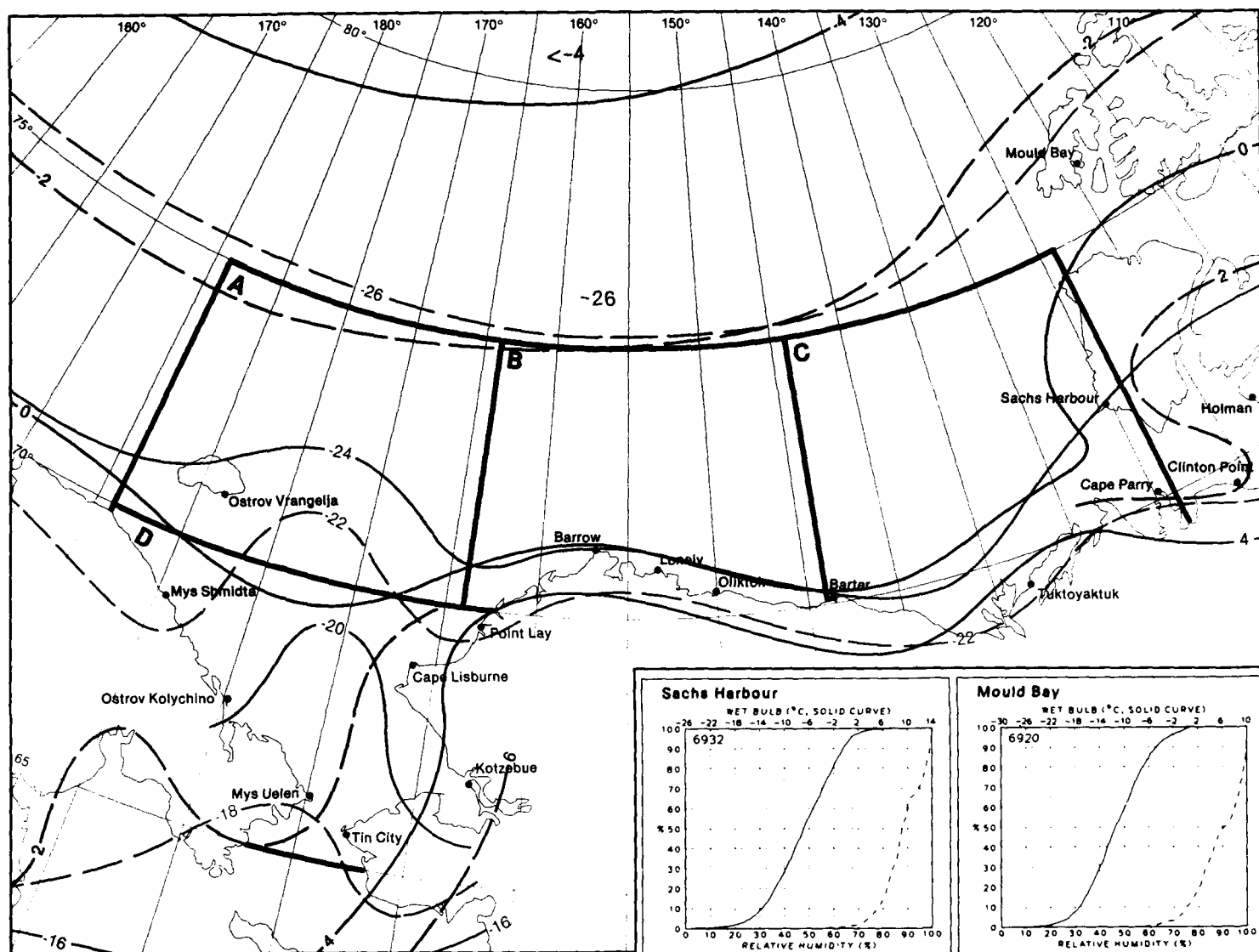
9 Dew Point Temperature Extremes

April



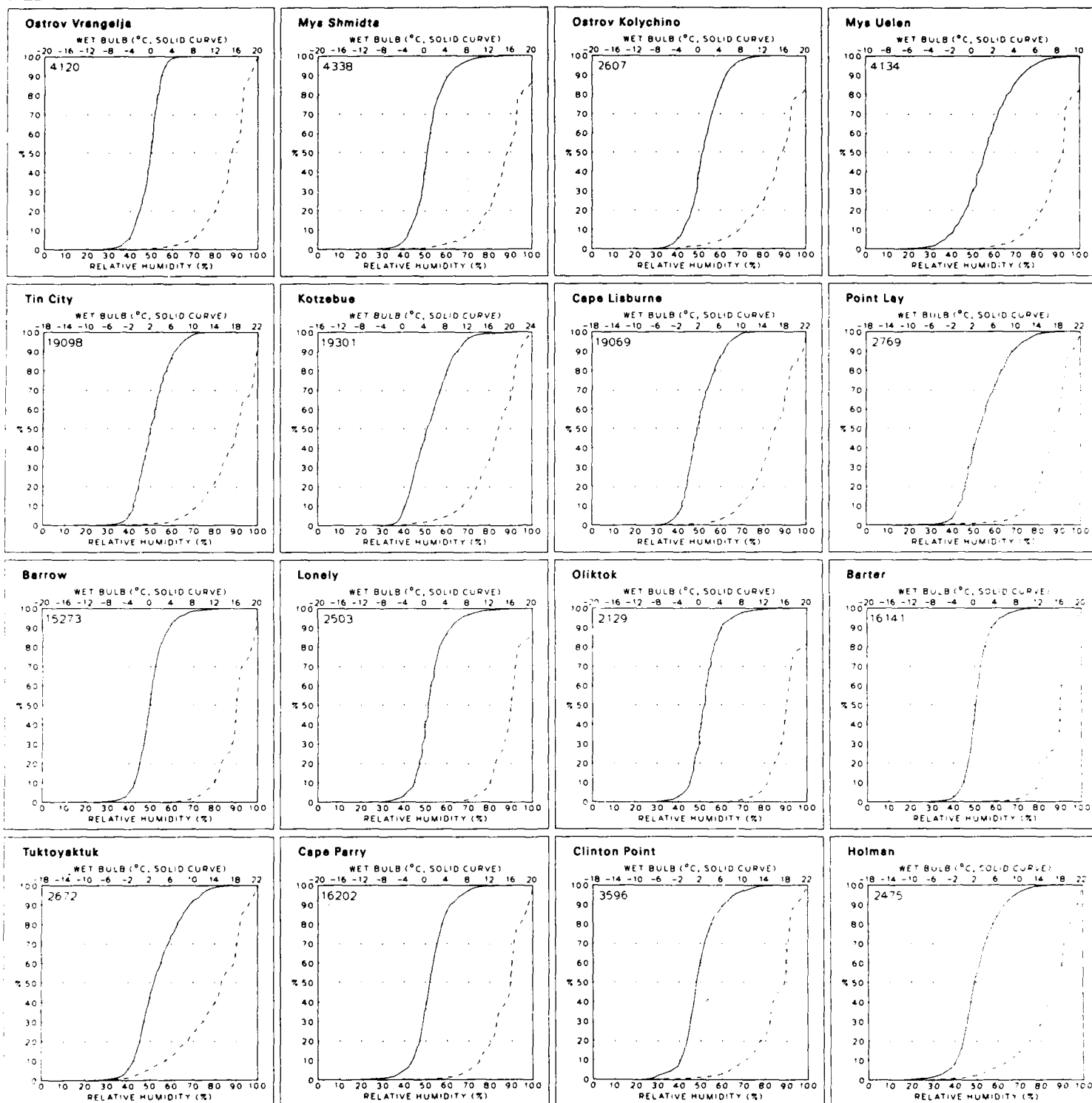
May

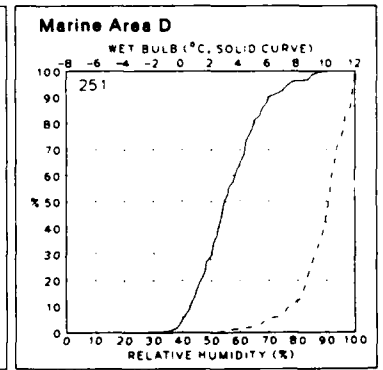
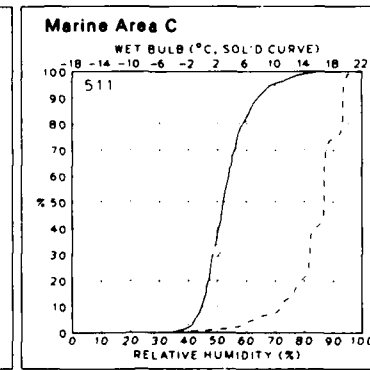
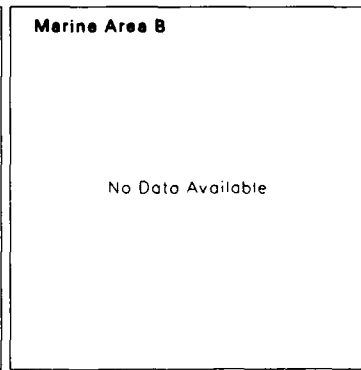
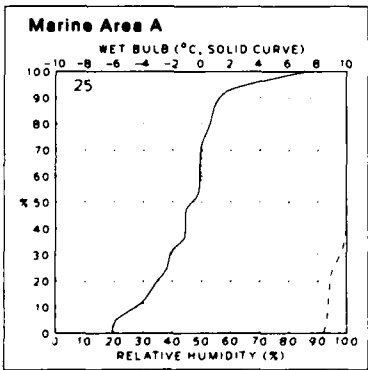
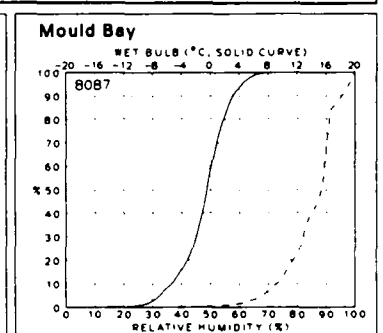
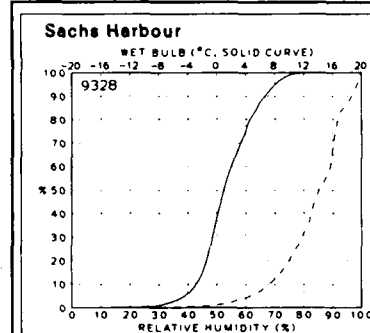
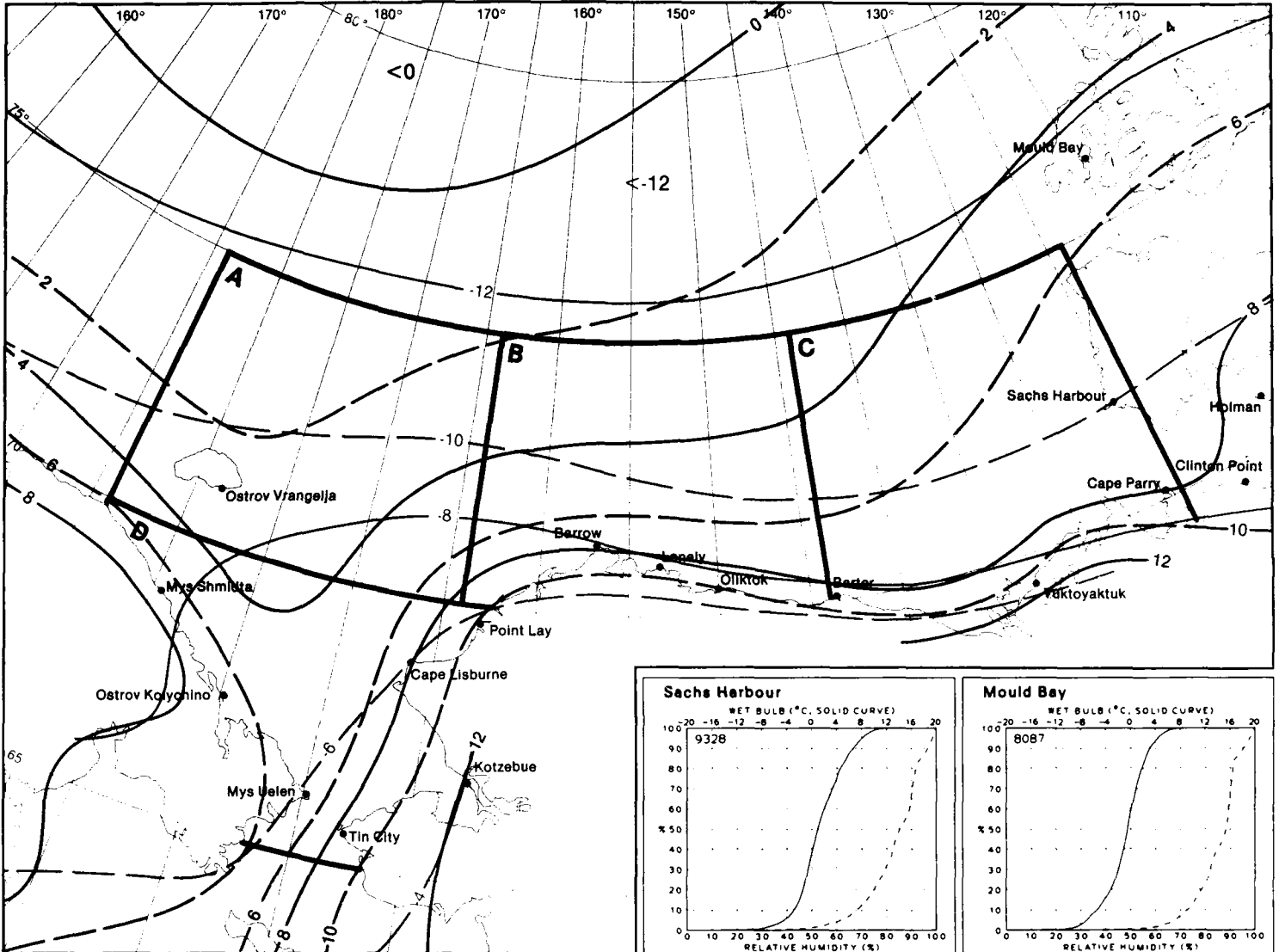
9 Wet Bulb and Relative Humidity



9 Dew Point Temperature Extremes

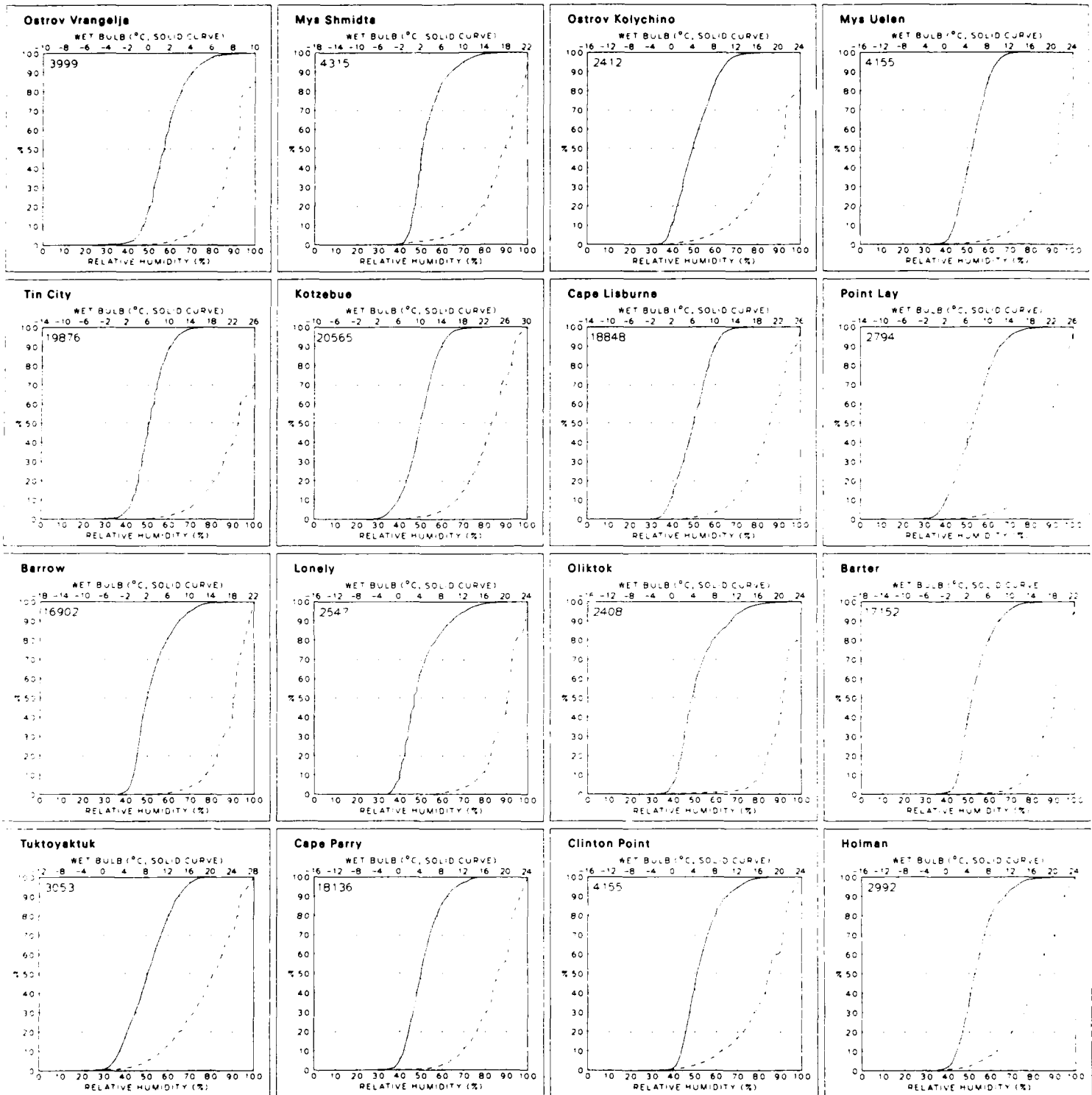
May





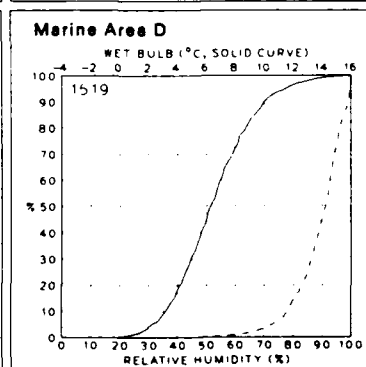
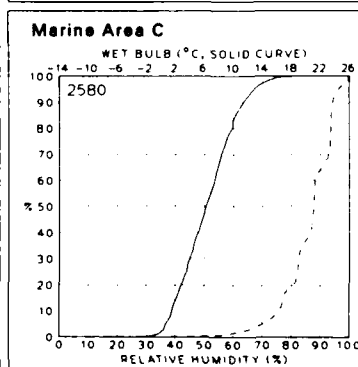
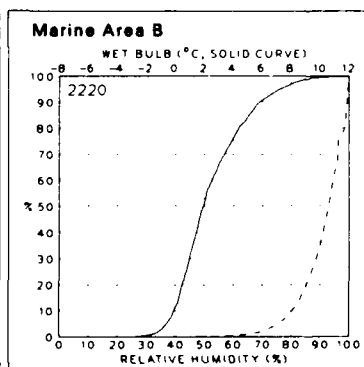
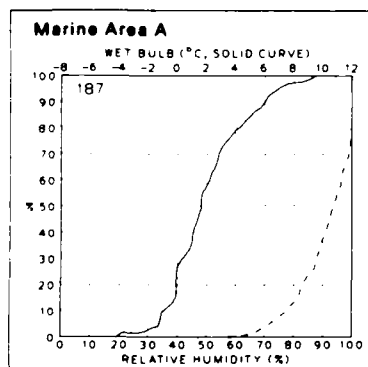
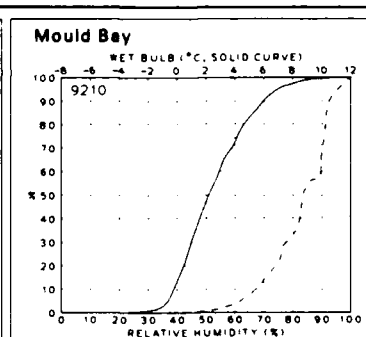
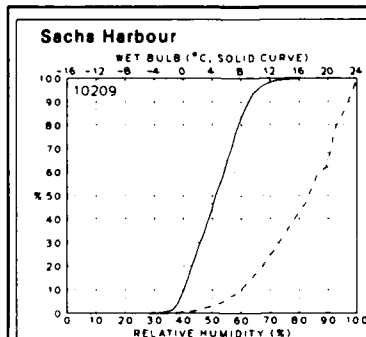
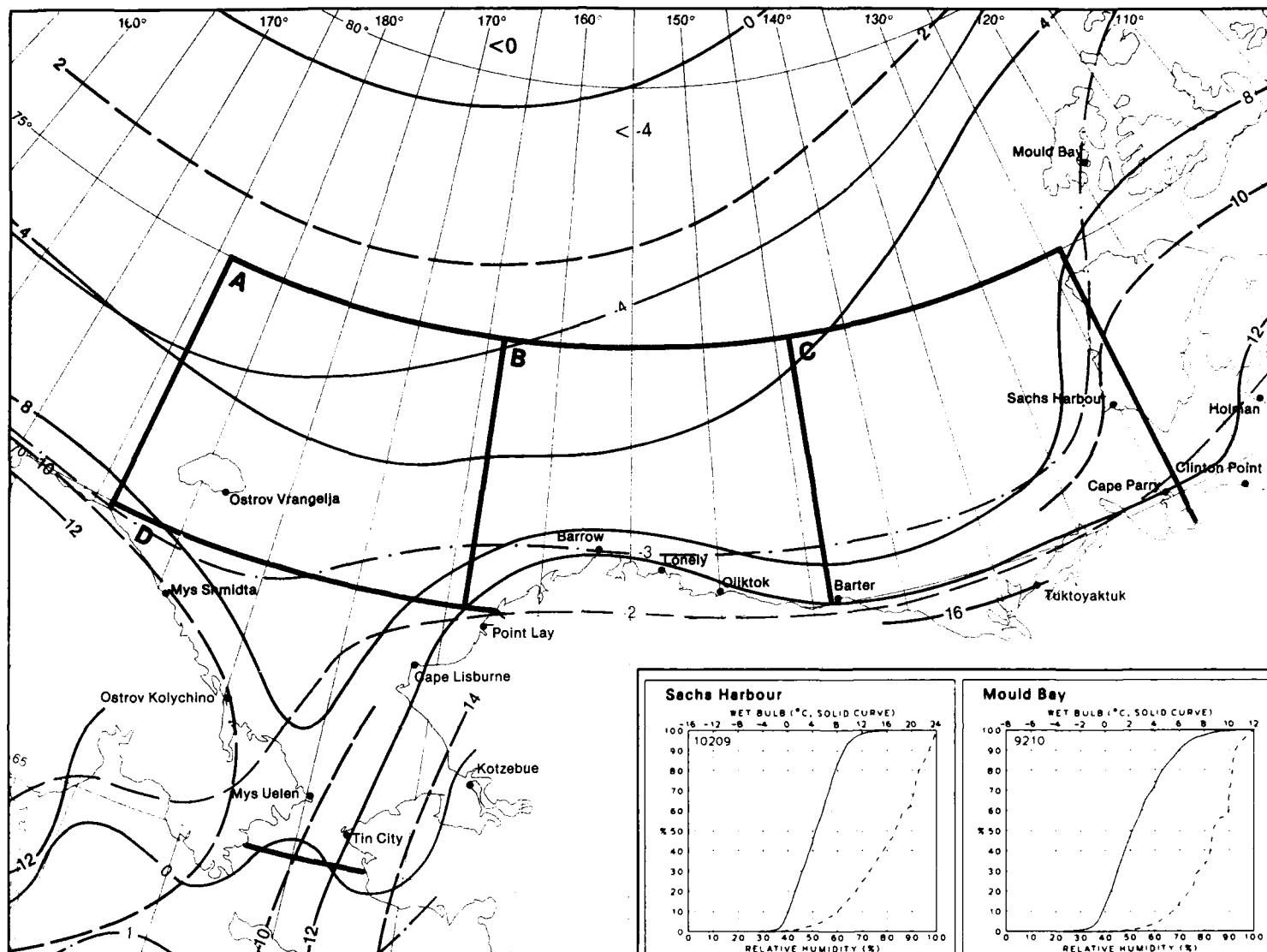
9 Dew Point Temperature Extremes

June



July

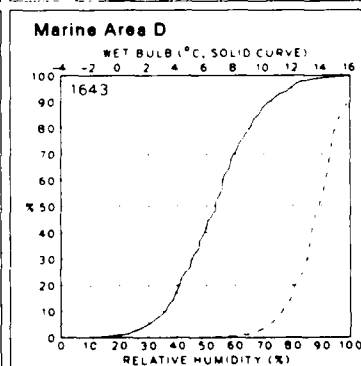
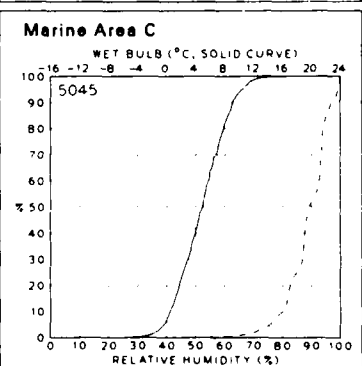
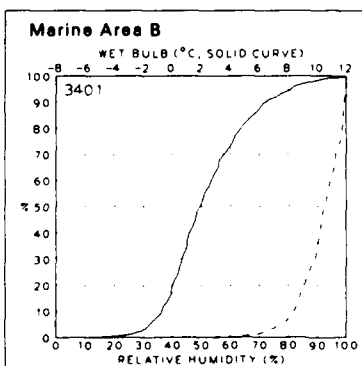
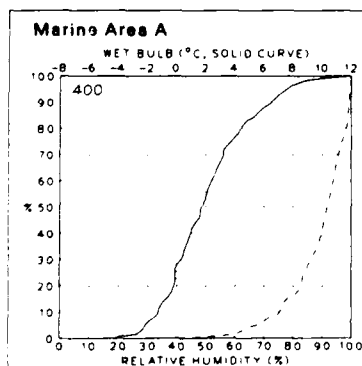
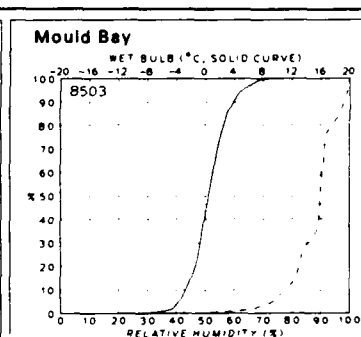
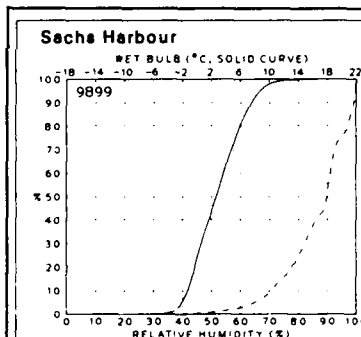
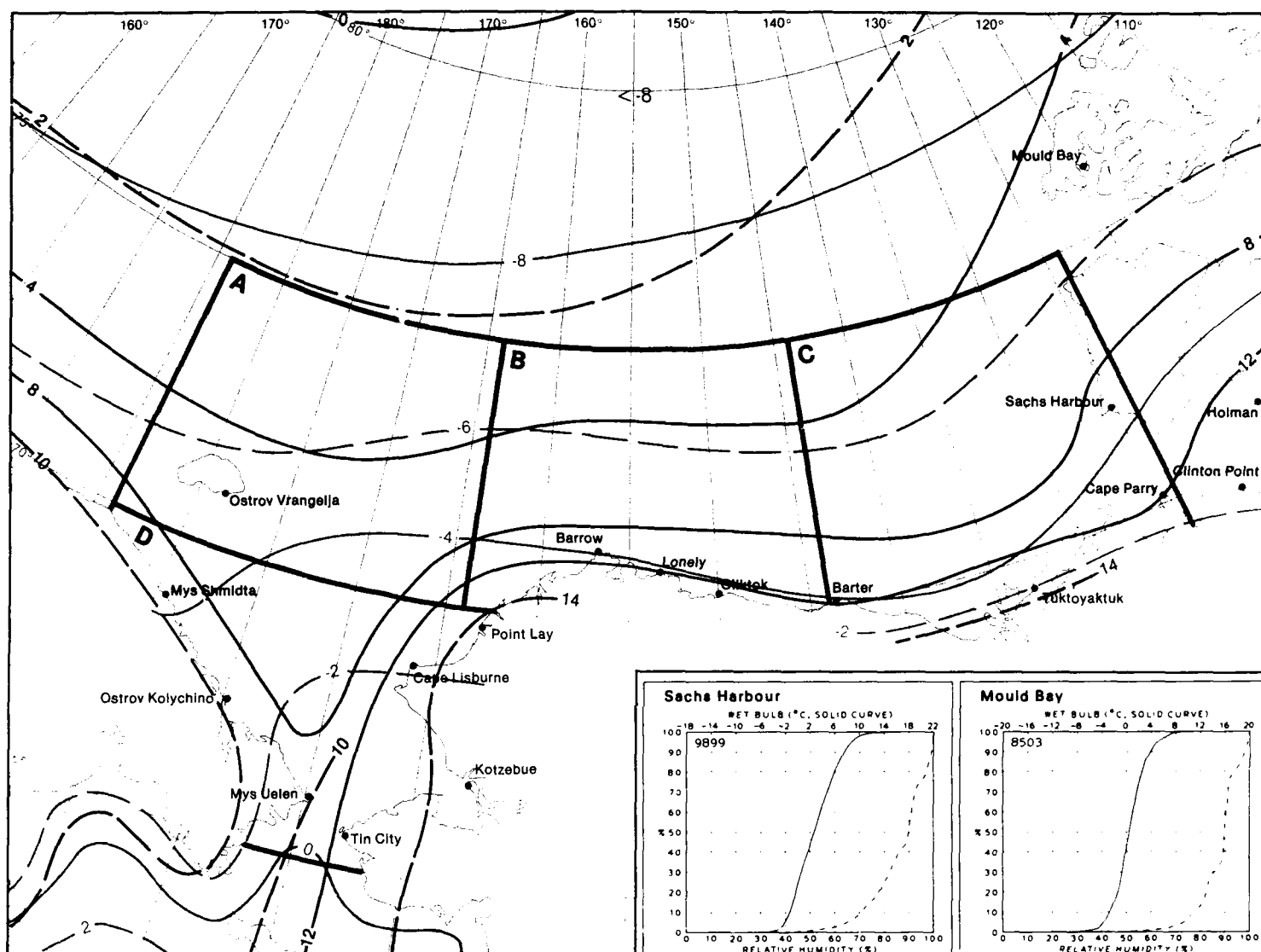
9 Wet Bulb and Relative Humidity



9 Dew Point Temperature Extremes

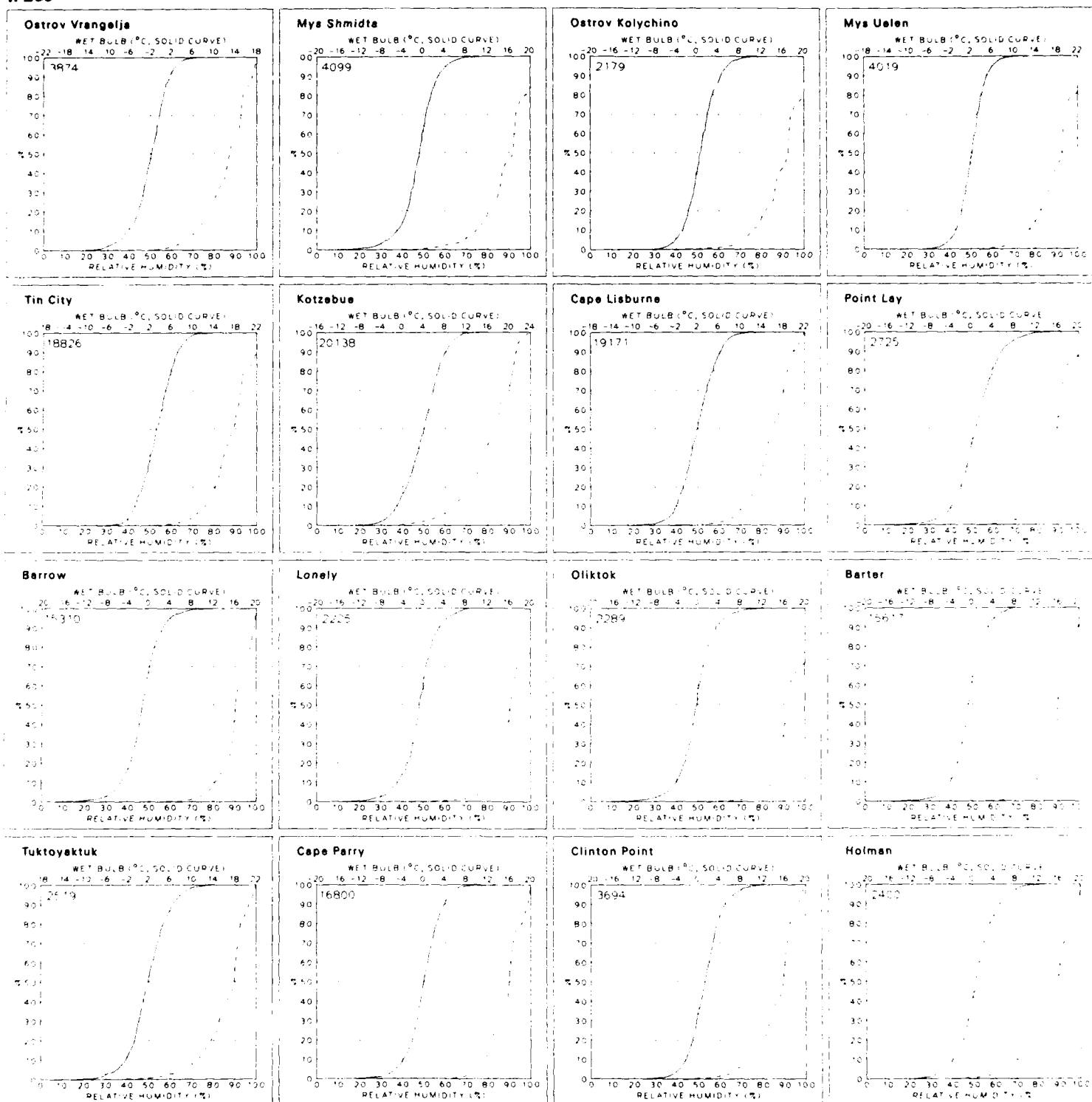
July





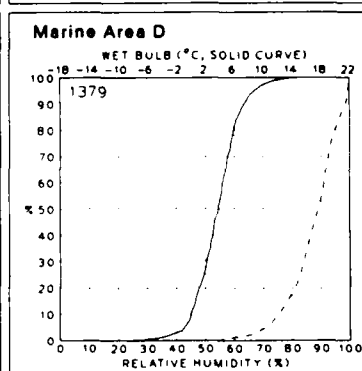
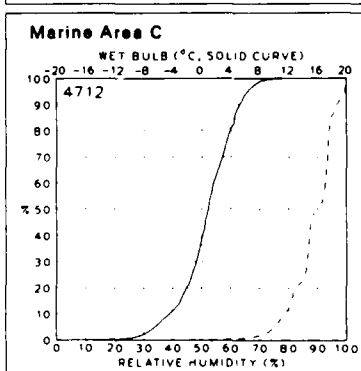
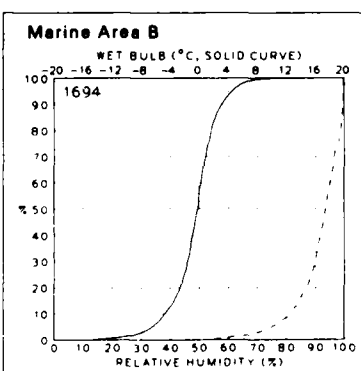
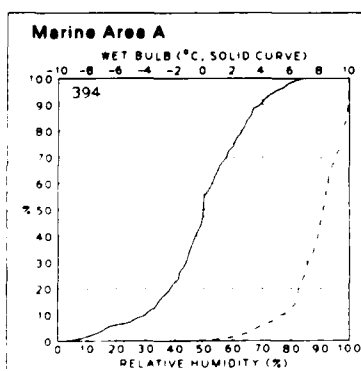
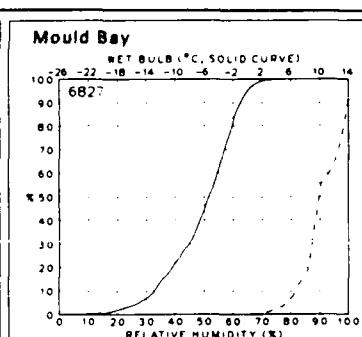
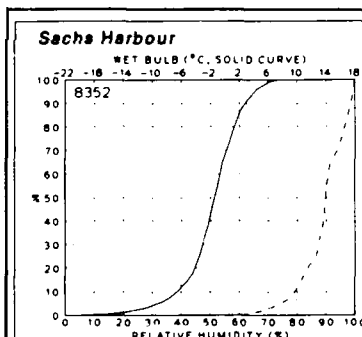
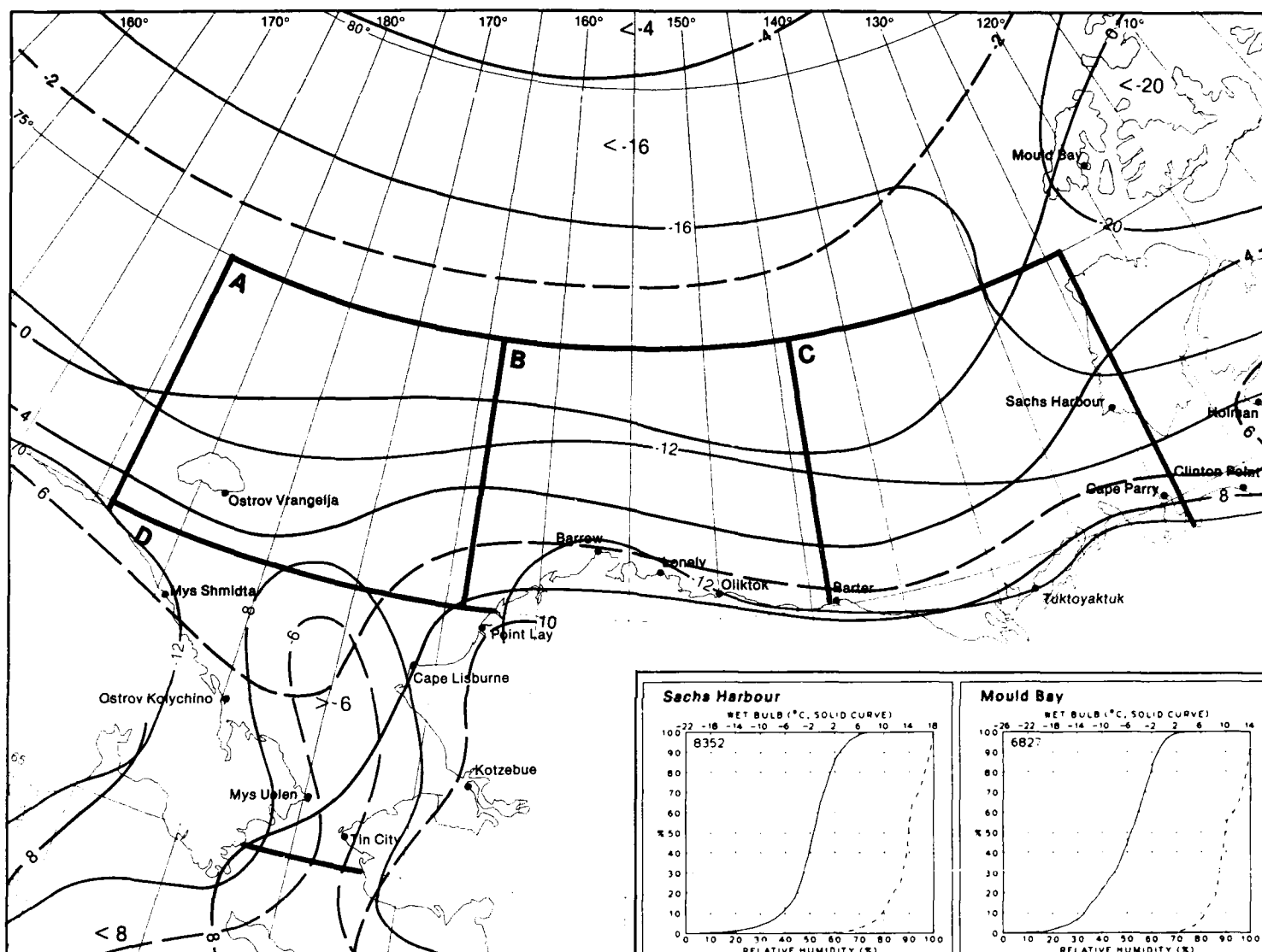
9 Dew Point Temperature Extremes

August



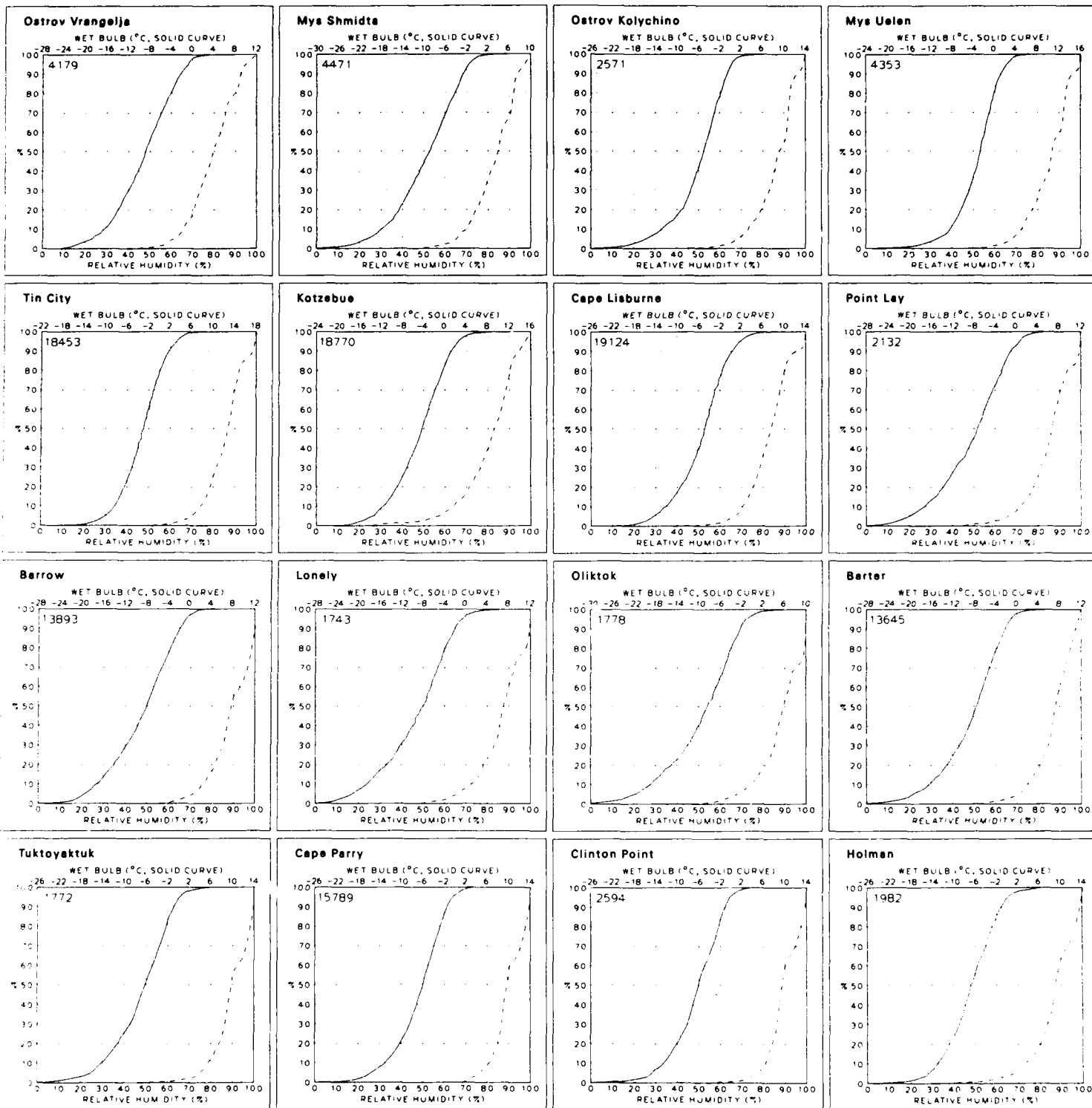
September

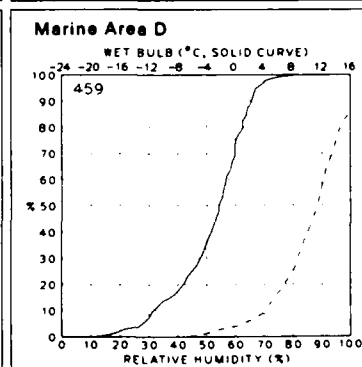
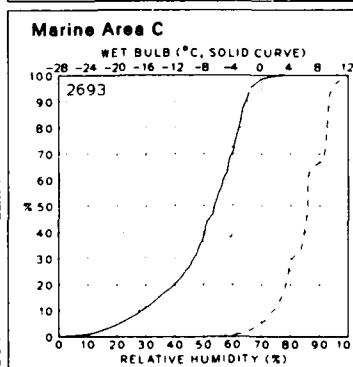
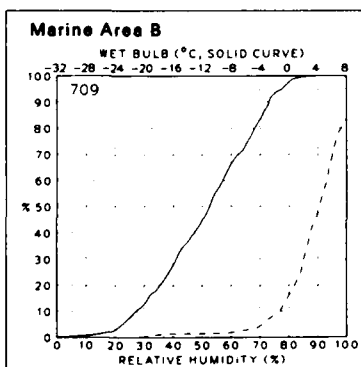
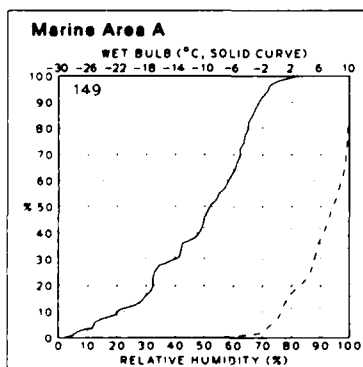
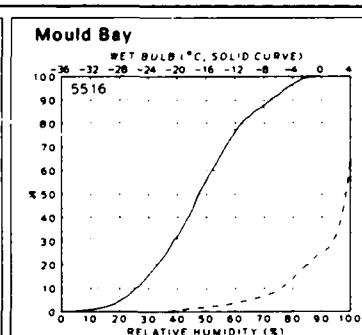
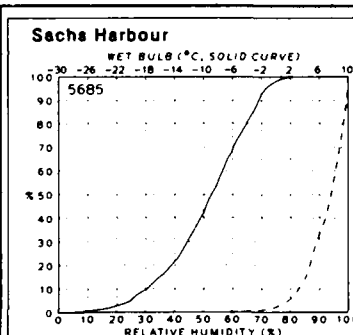
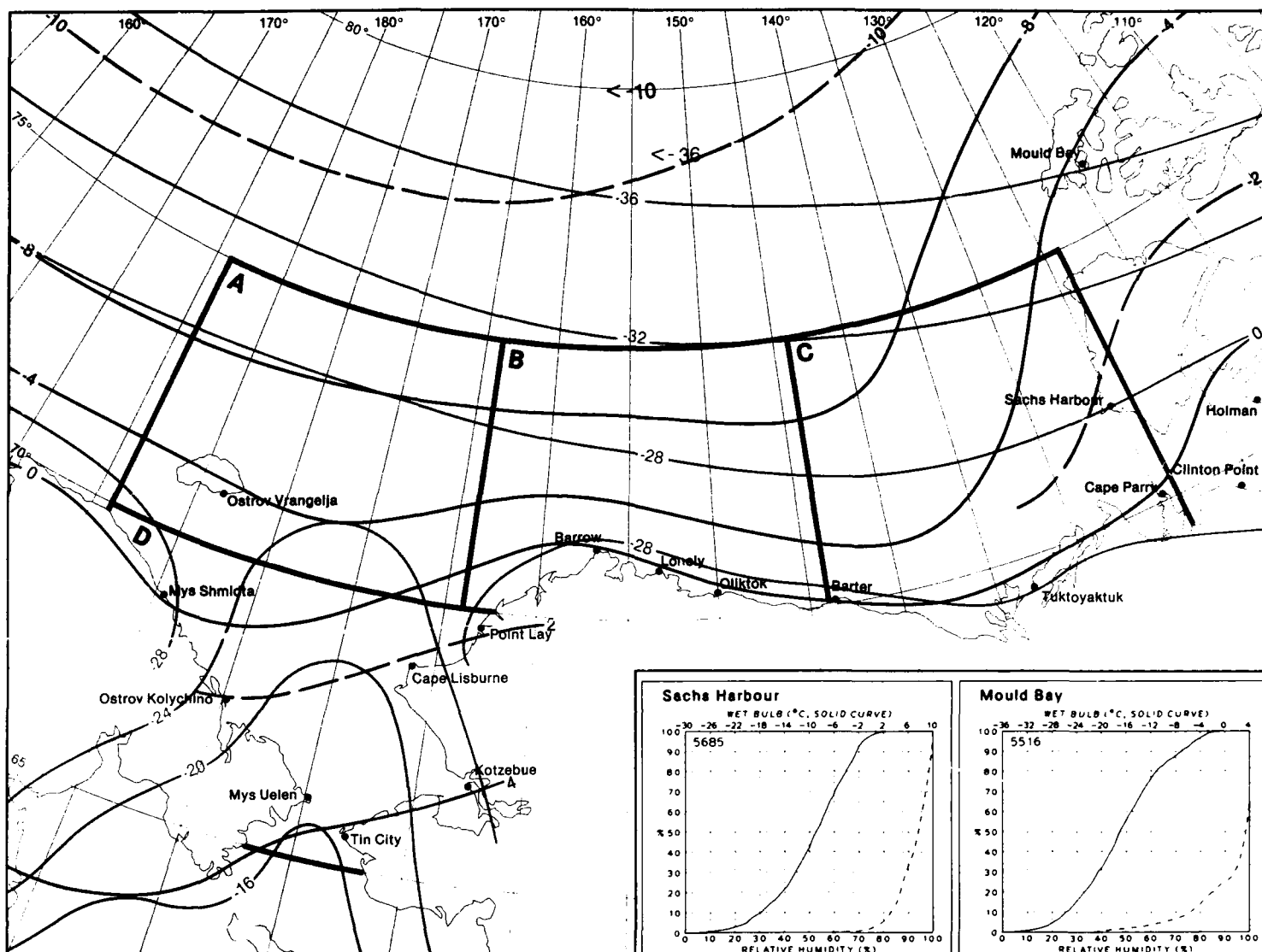
9 Wet Bulb and Relative Humidity



9 Dew Point Temperature Extremes

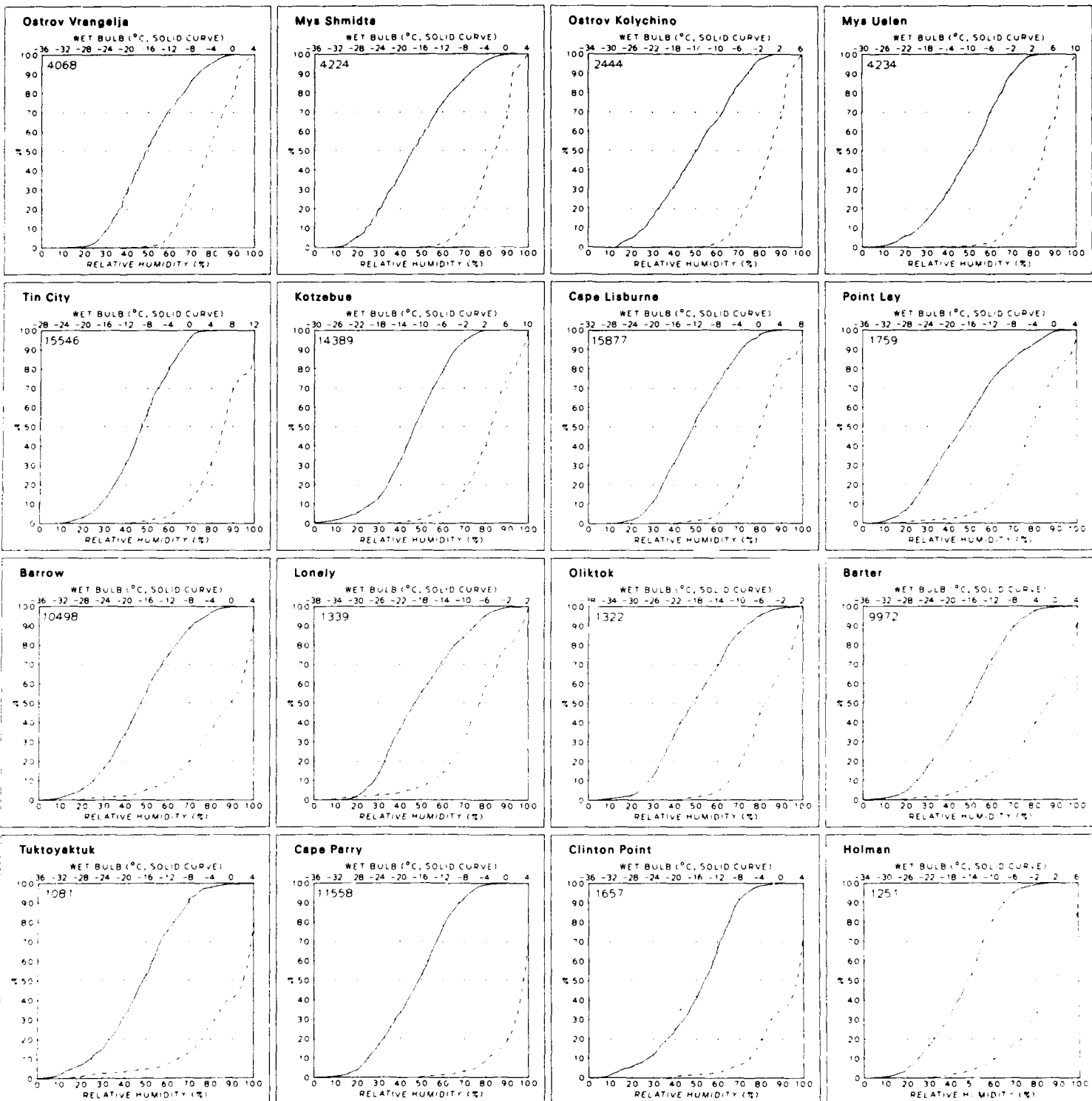
September





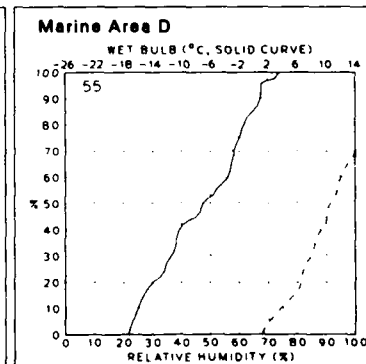
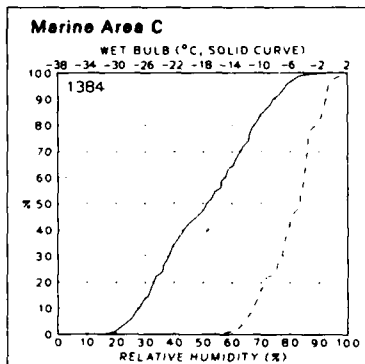
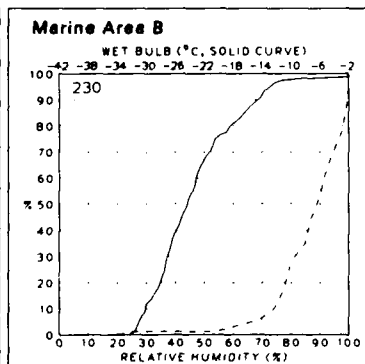
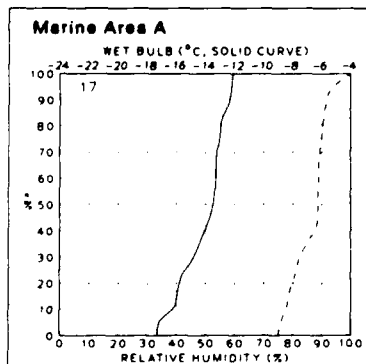
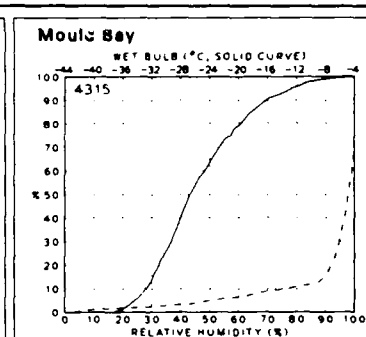
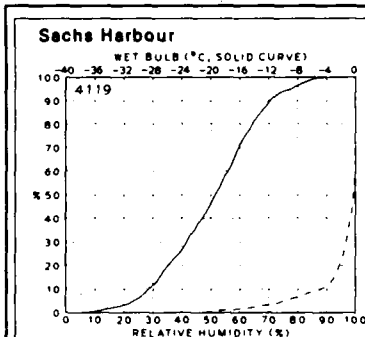
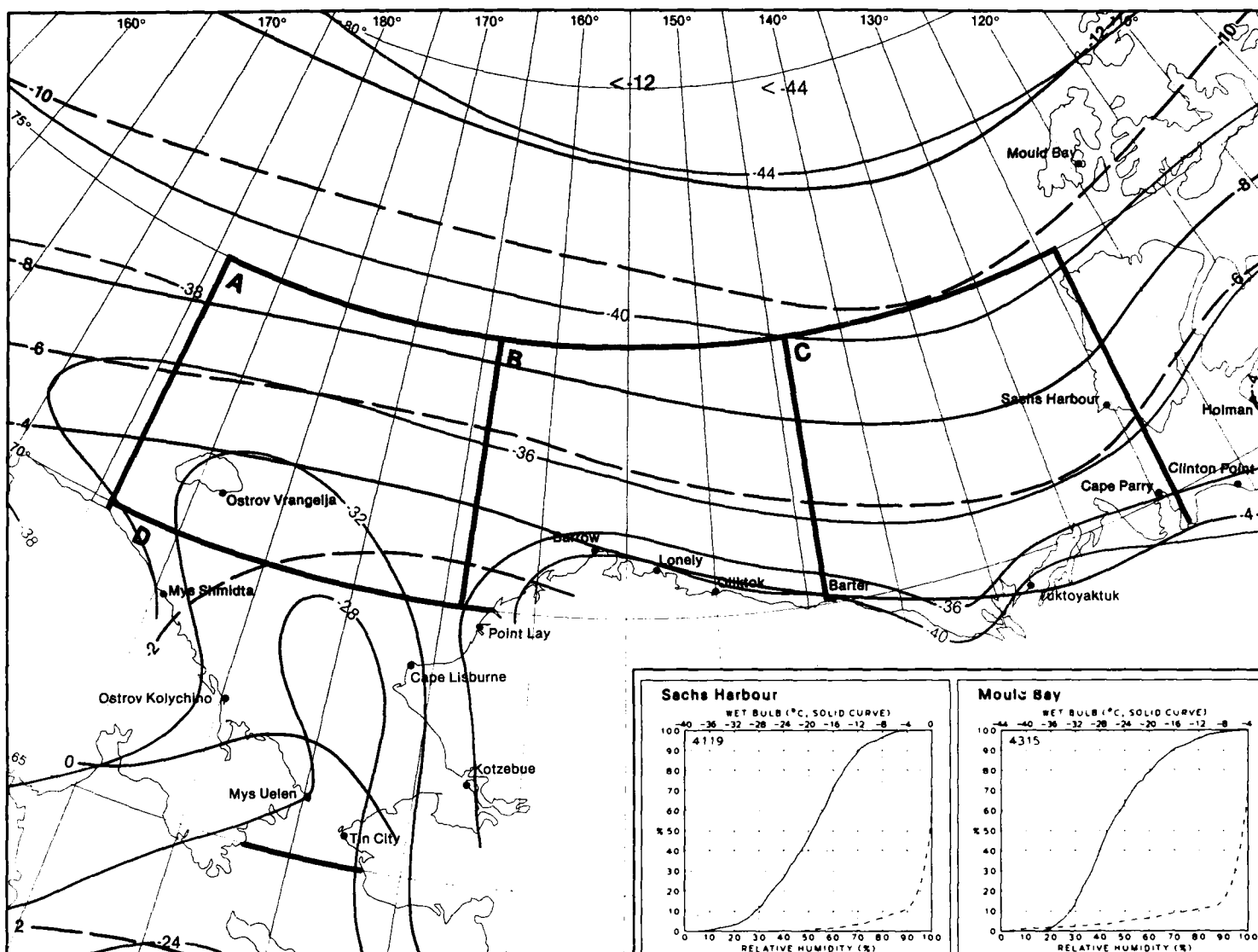
9 Dew Point Temperature Extremes

October



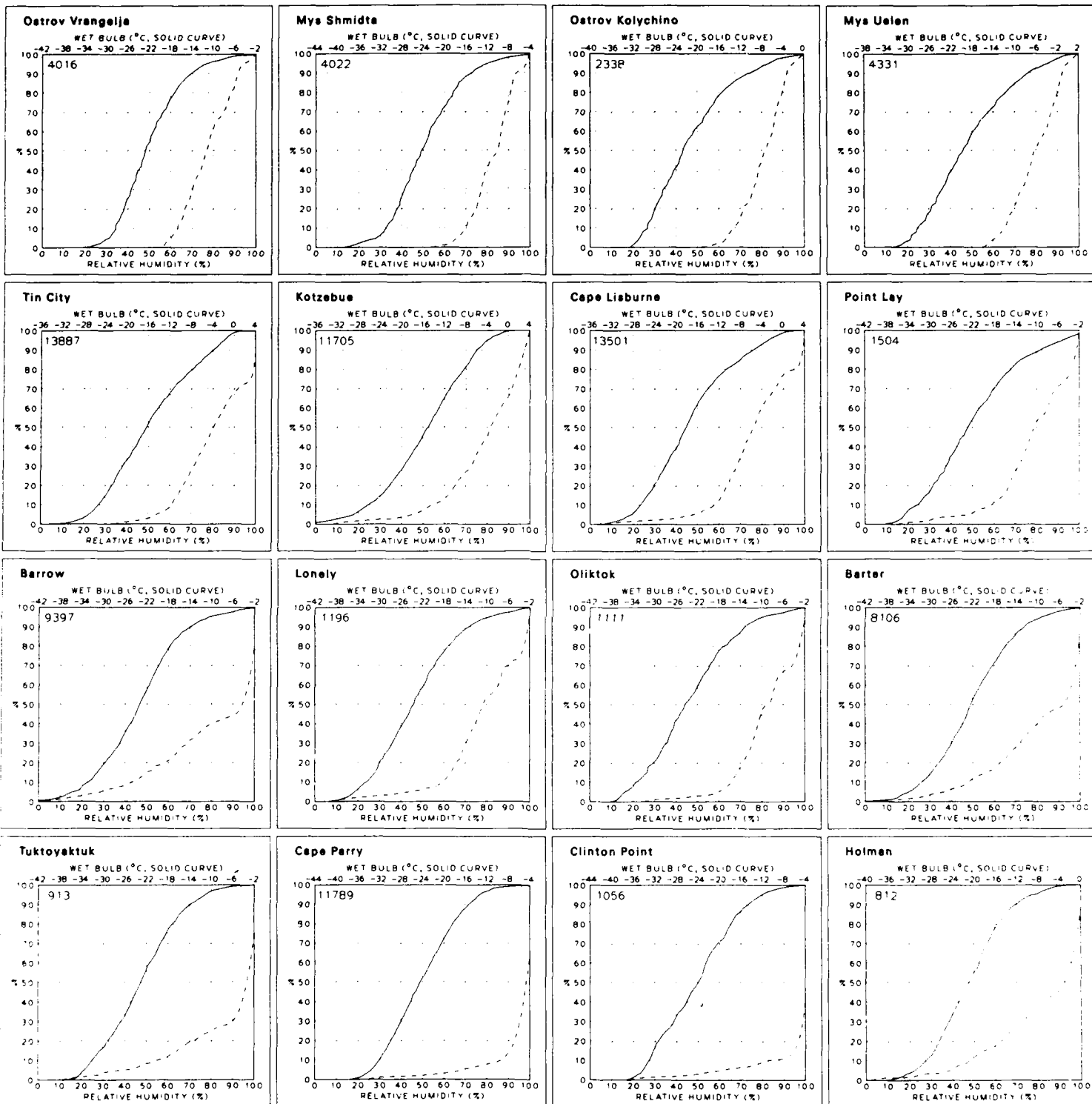
November

9 Wet Bulb and Relative Humidity



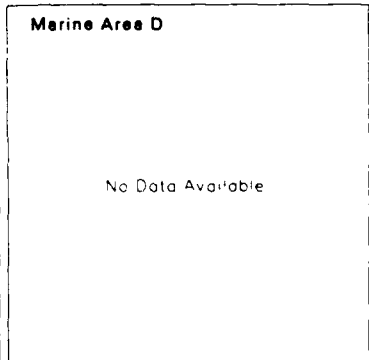
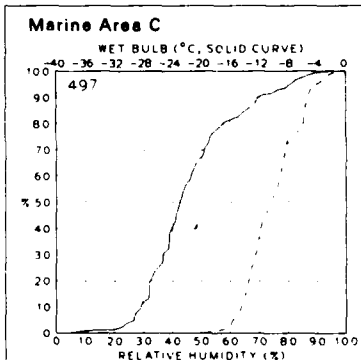
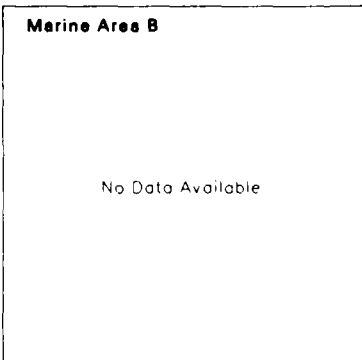
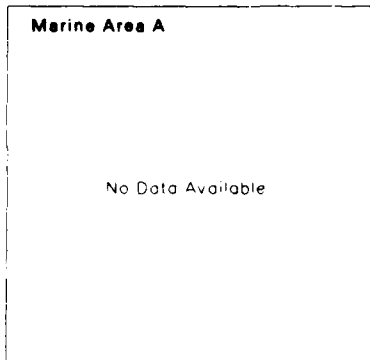
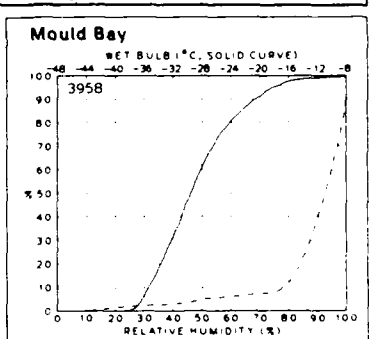
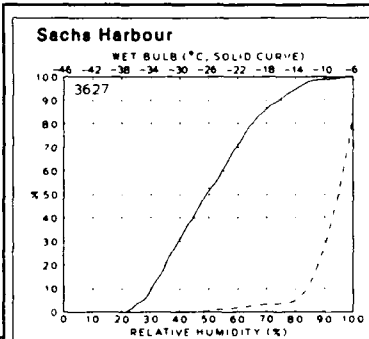
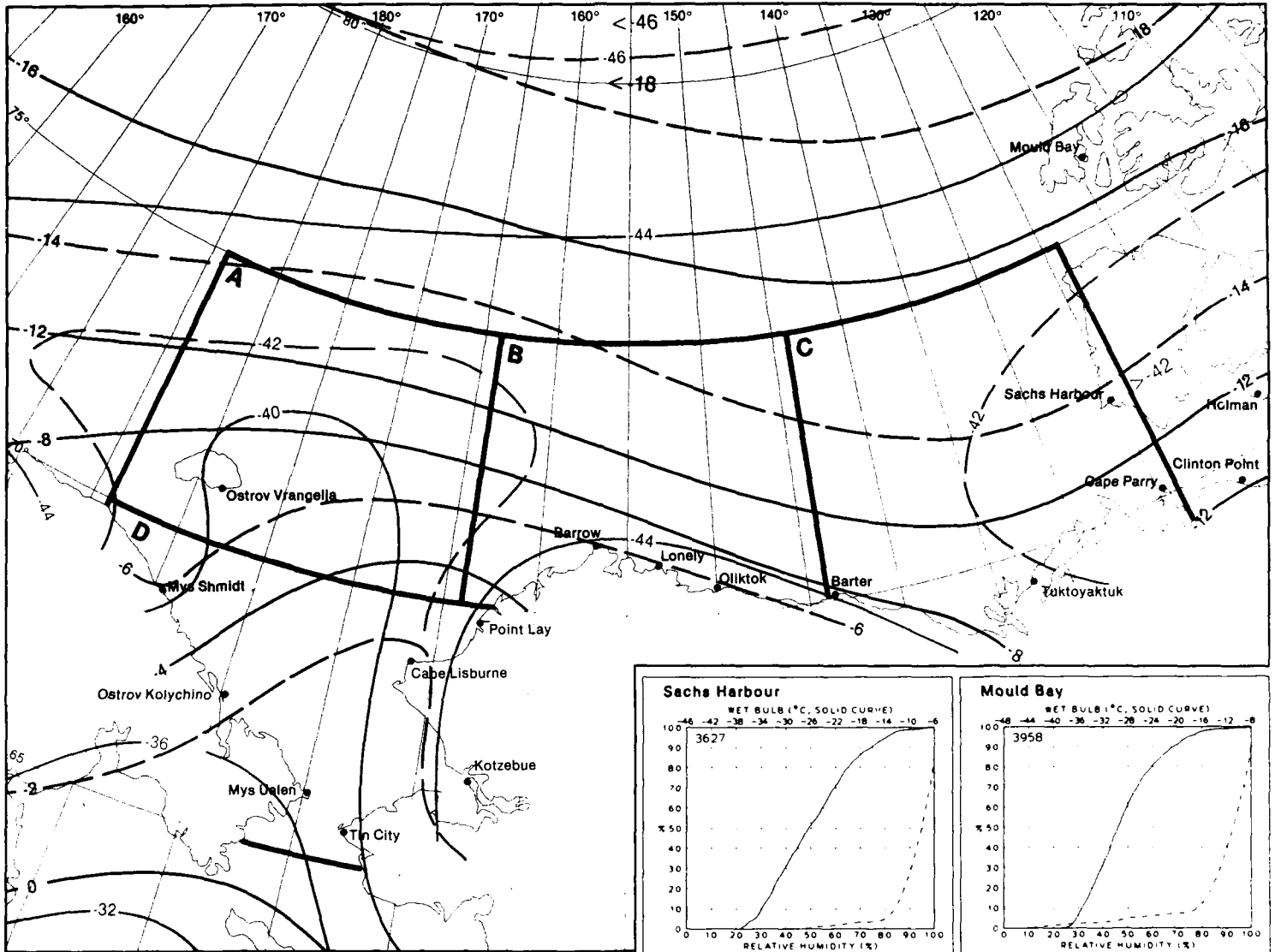
9 Dew Point Temperature Extremes

November



December

9 Wet Bulb and Relative Humidity



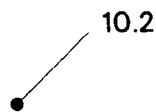
9 Dew Point Temperature Extremes

December

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Map 10. Mean sea level pressure and vector mean wind

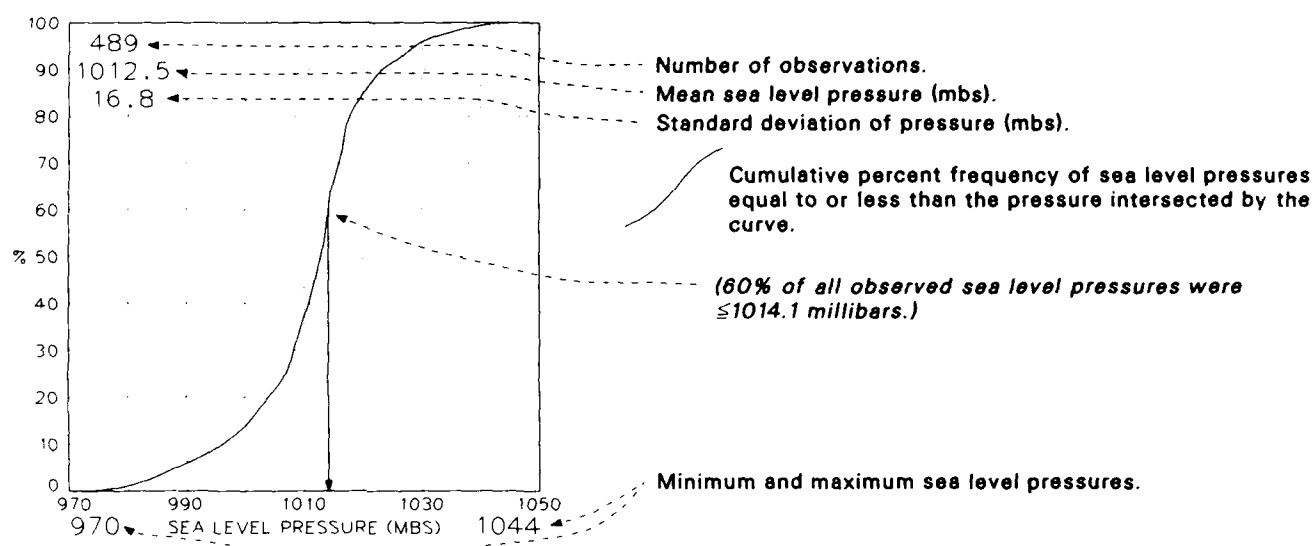
BLACK LINE ~ Mean sea level pressure (millibars).



Direction of flow toward station dot; vector magnitude in knots (example: vector mean wind is from northeast at 10.2 knots or 11.7 mph).

Albers Equal-Area Conic Projection

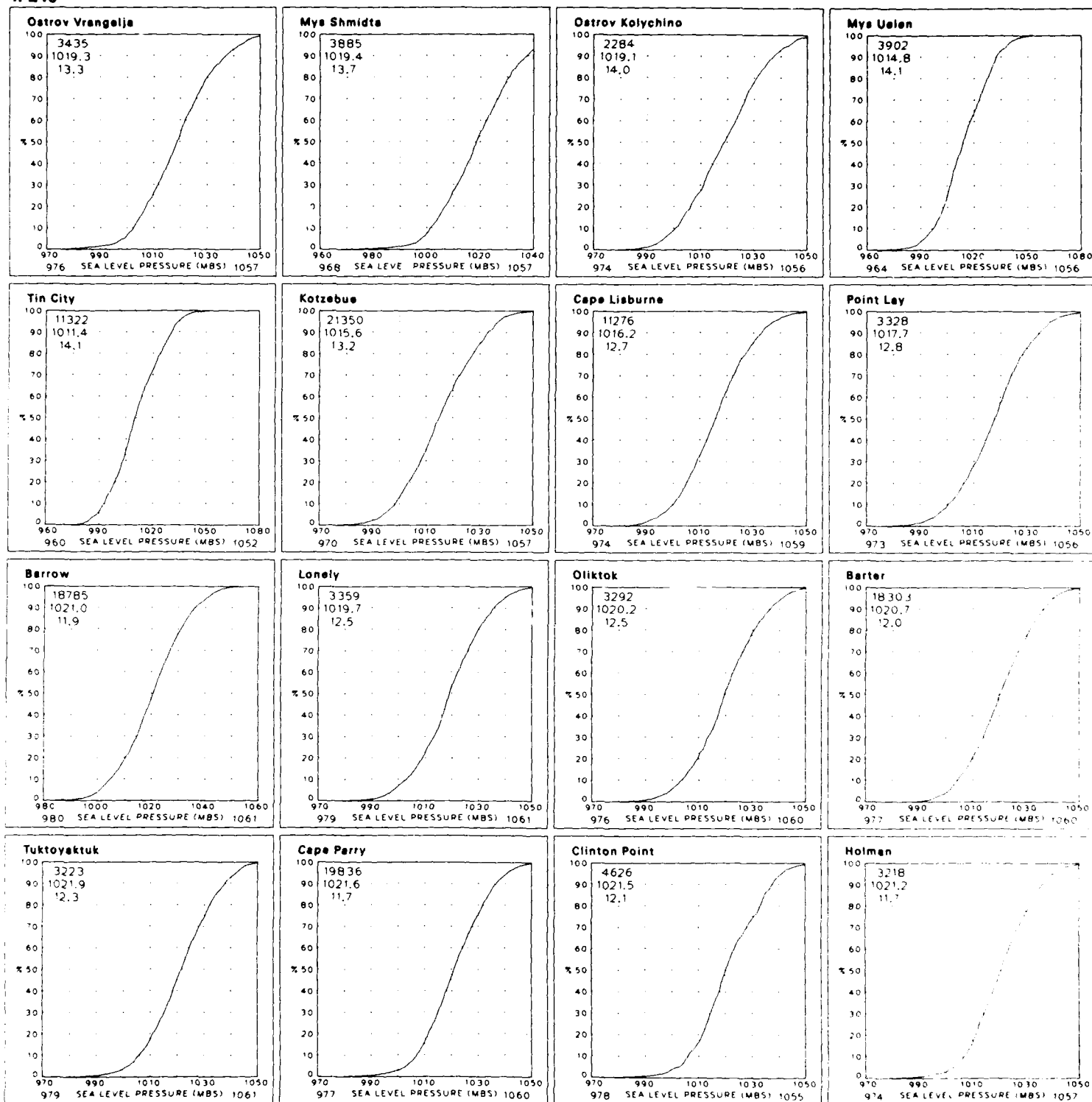
Graphs: Sea level pressure



Sea level pressure is one of the most frequently recorded elements, but one of the least accurate because of instrument calibration and coding errors. Despite the inaccuracies of the individual readings, the large-scale patterns and mean gradients of the isopleth analyses are relatively accurate. The percentage of sea level pressure observations greater than a given value can be obtained from the graph by subtracting the cumulative percent frequency of that value from 100%.

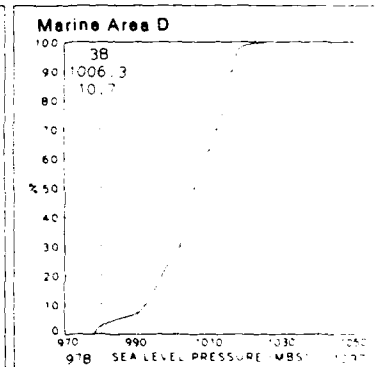
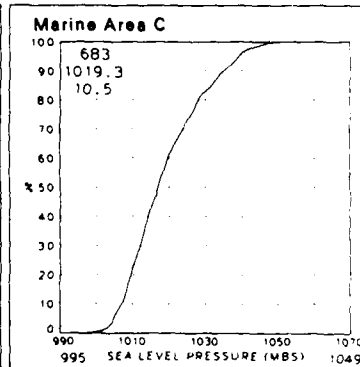
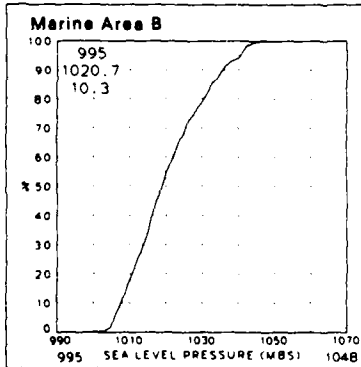
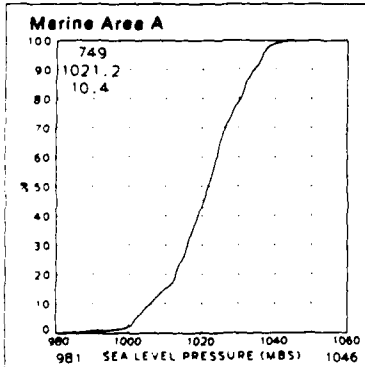
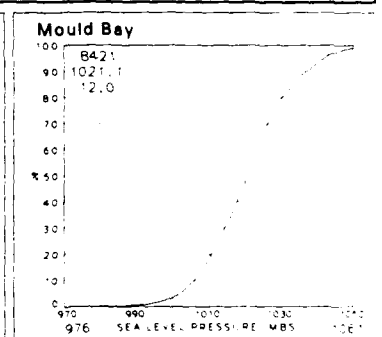
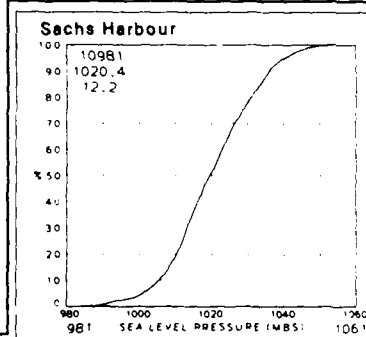
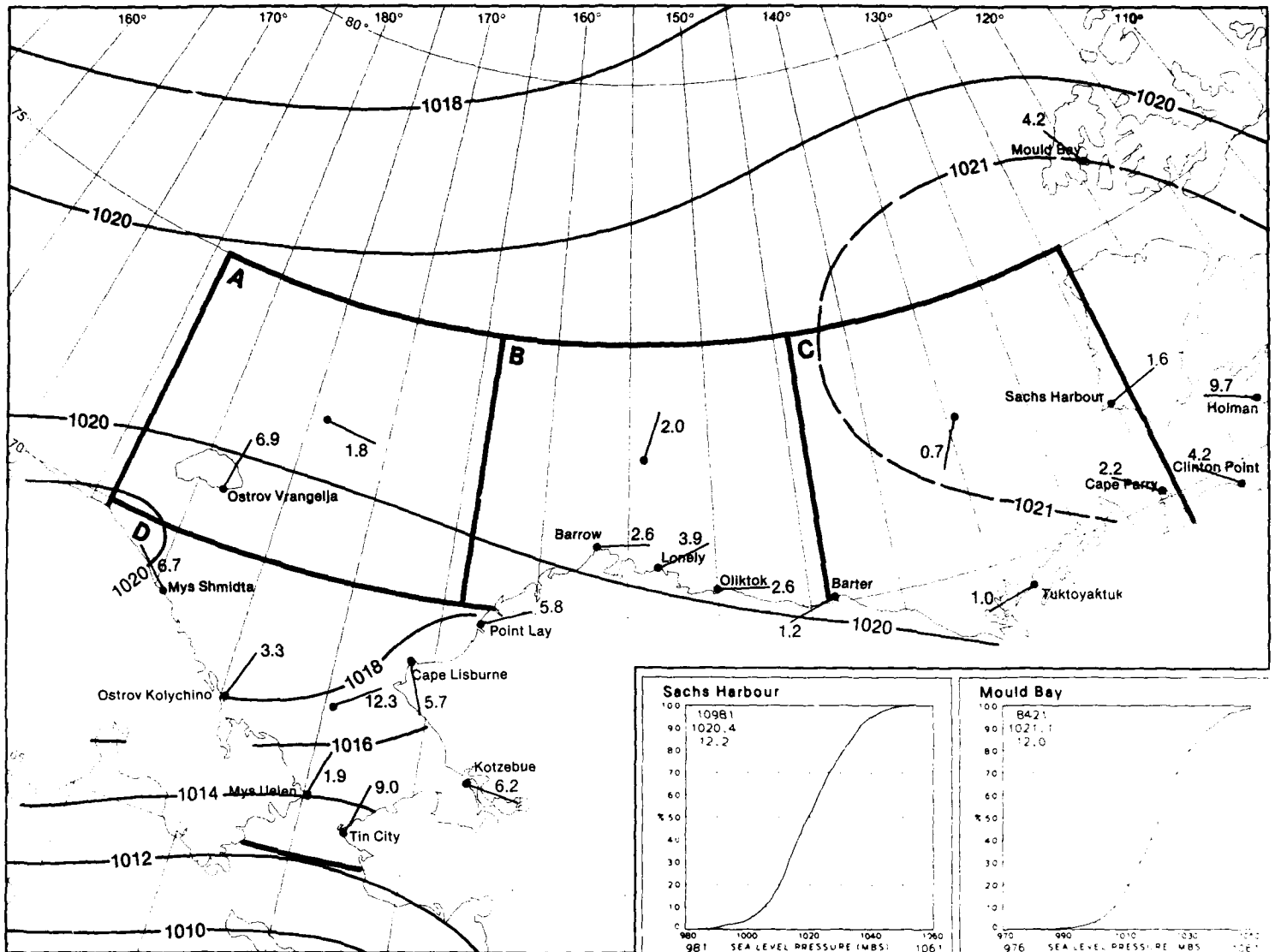
In areas of high persistence (also called constancy, steadiness) of direction, the magnitude of the vector mean wind (Set 10) should closely approach that of the scalar mean wind (Set 13).

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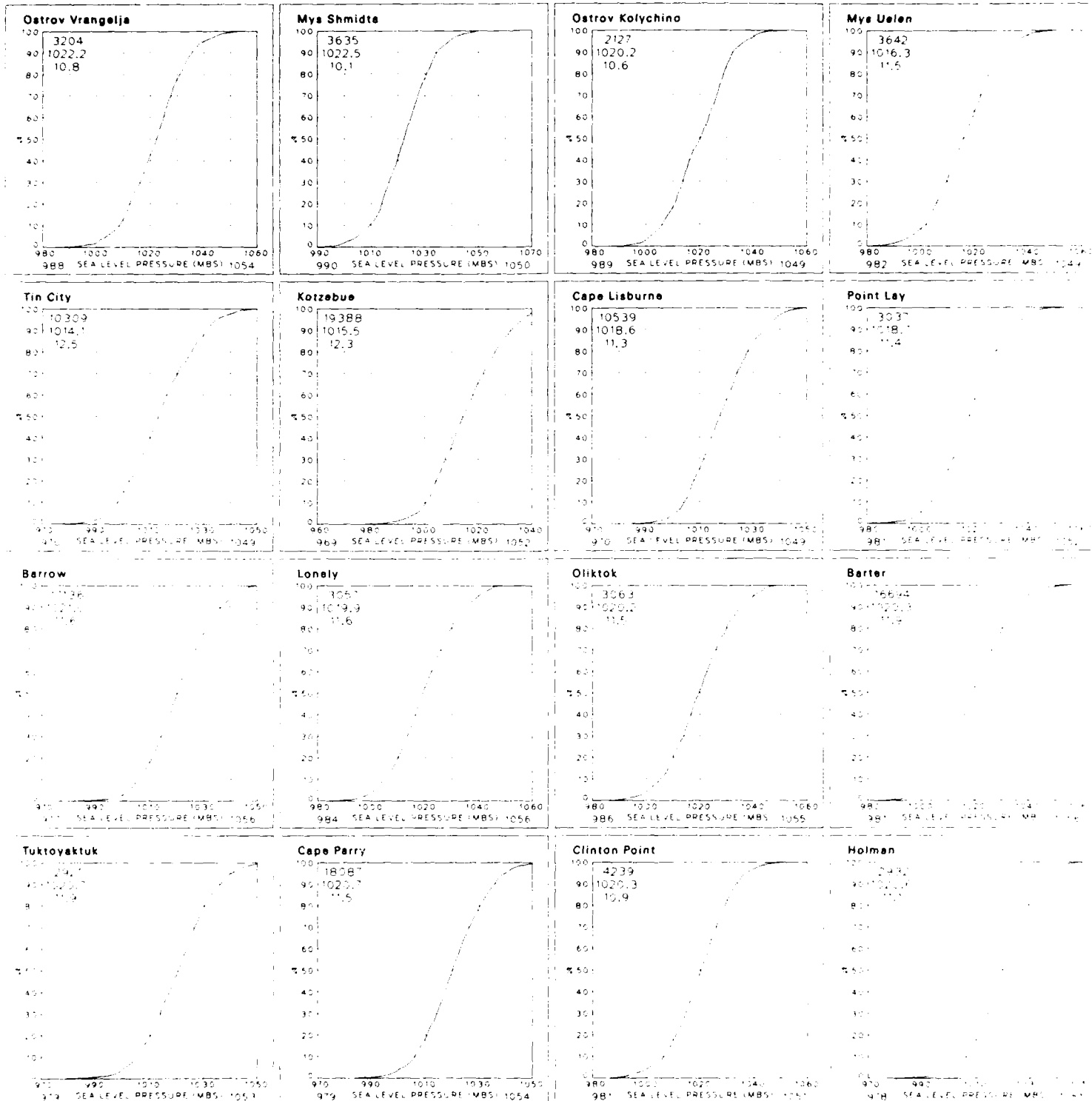
January

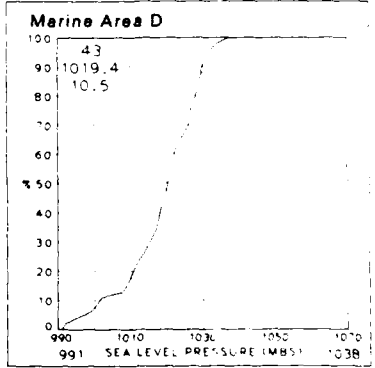
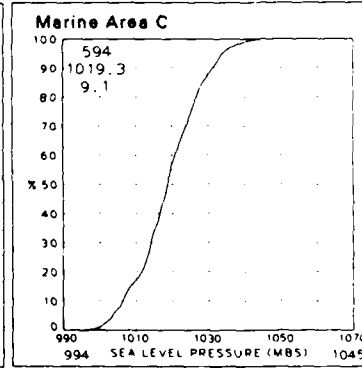
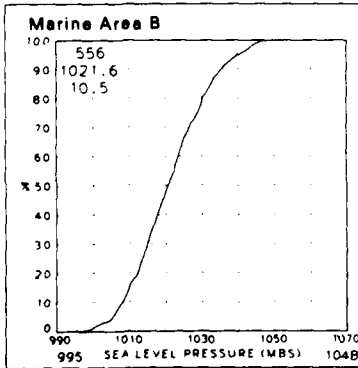
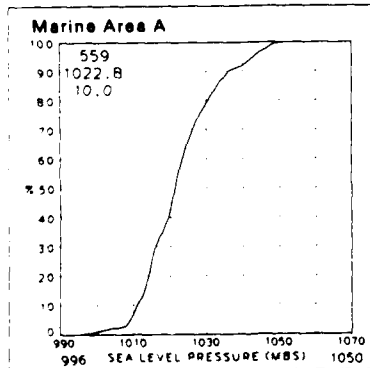
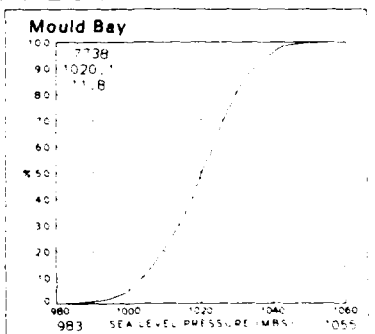
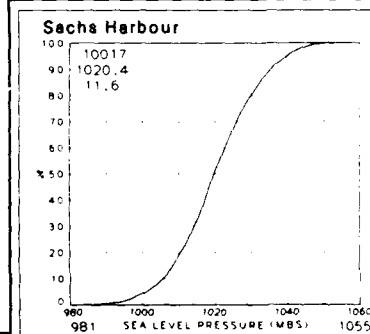
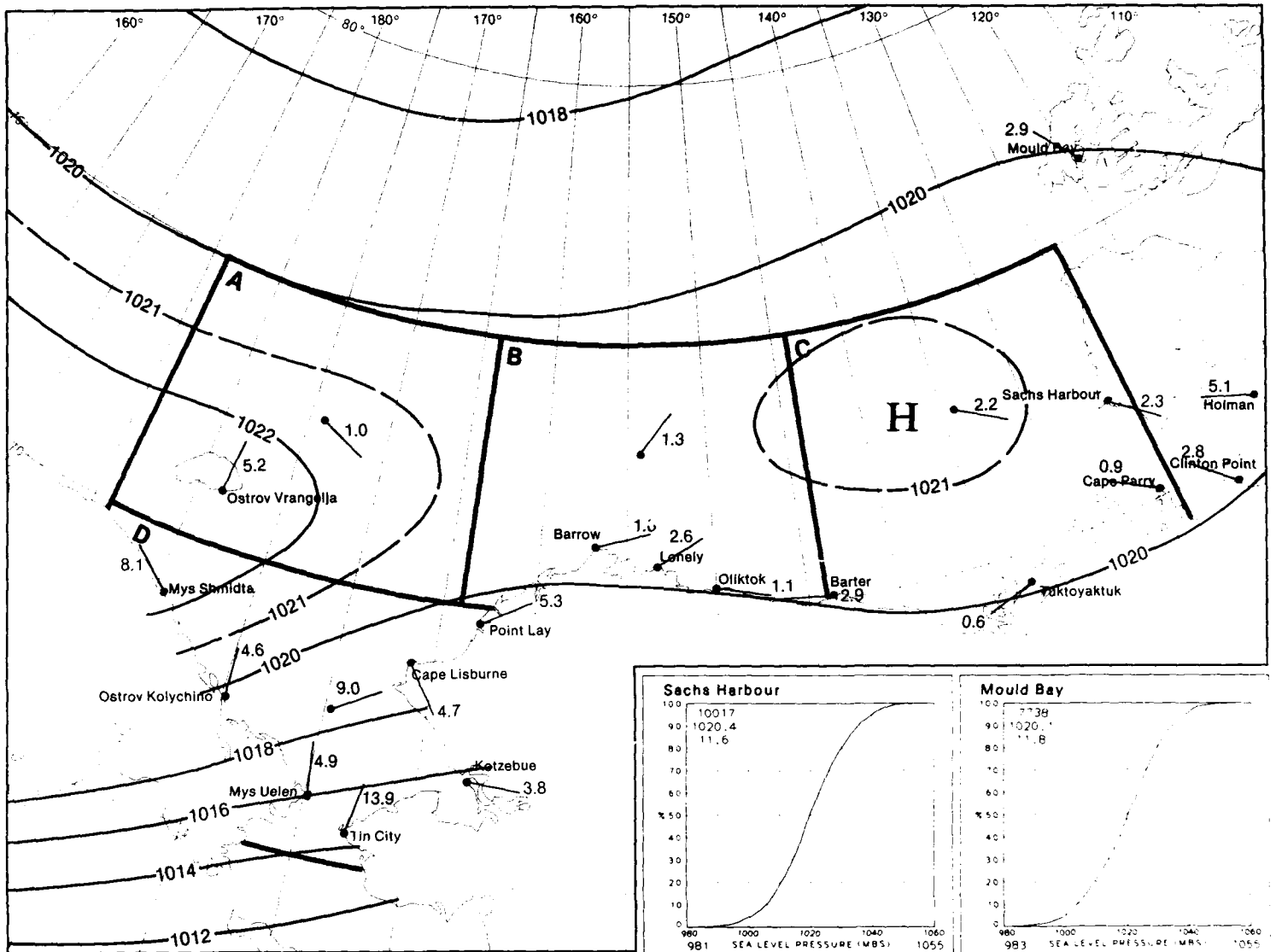
10 Sea Level Pressure



10 Mean Sea Level Pressure and Vector Mean Wind

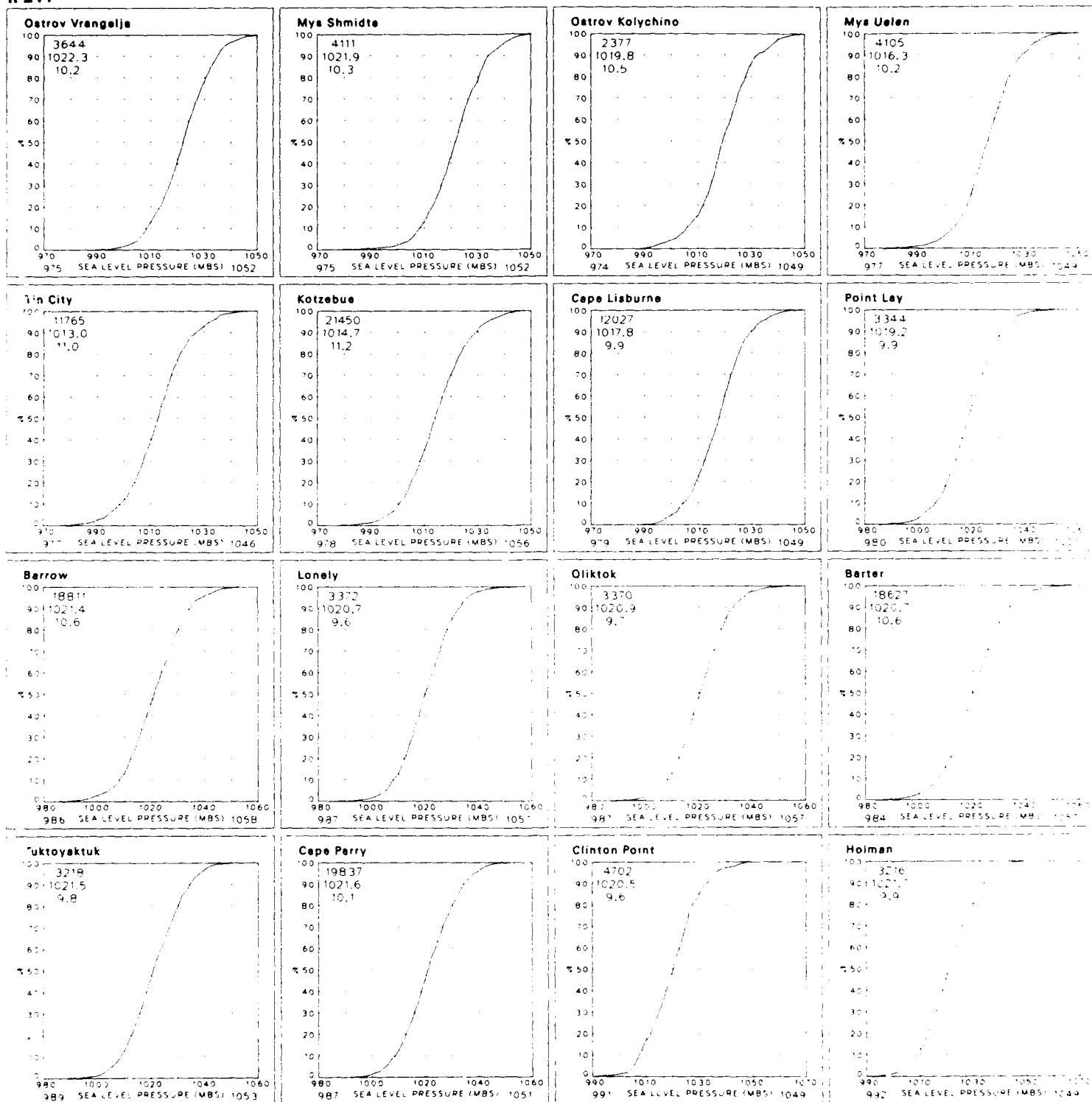
January





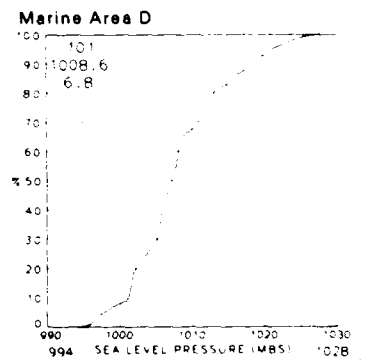
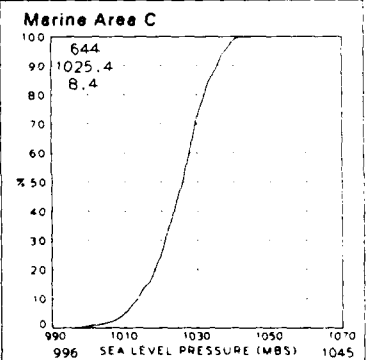
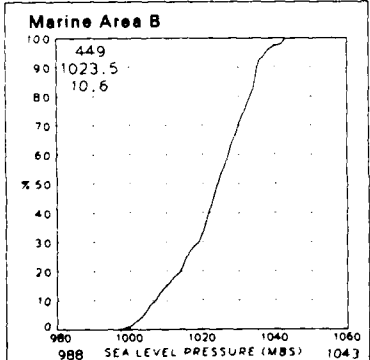
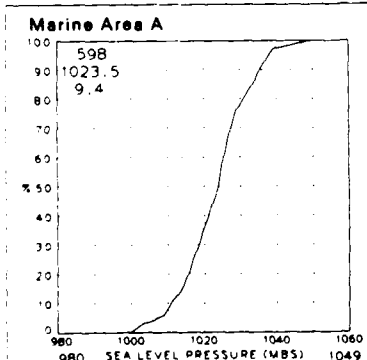
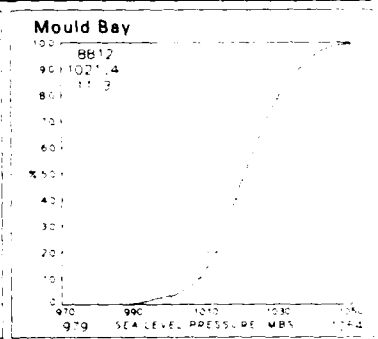
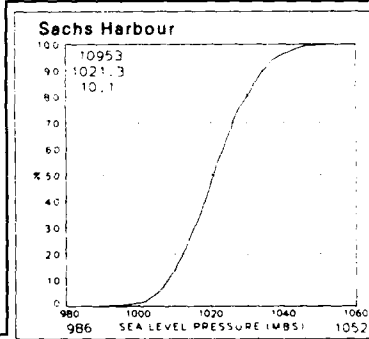
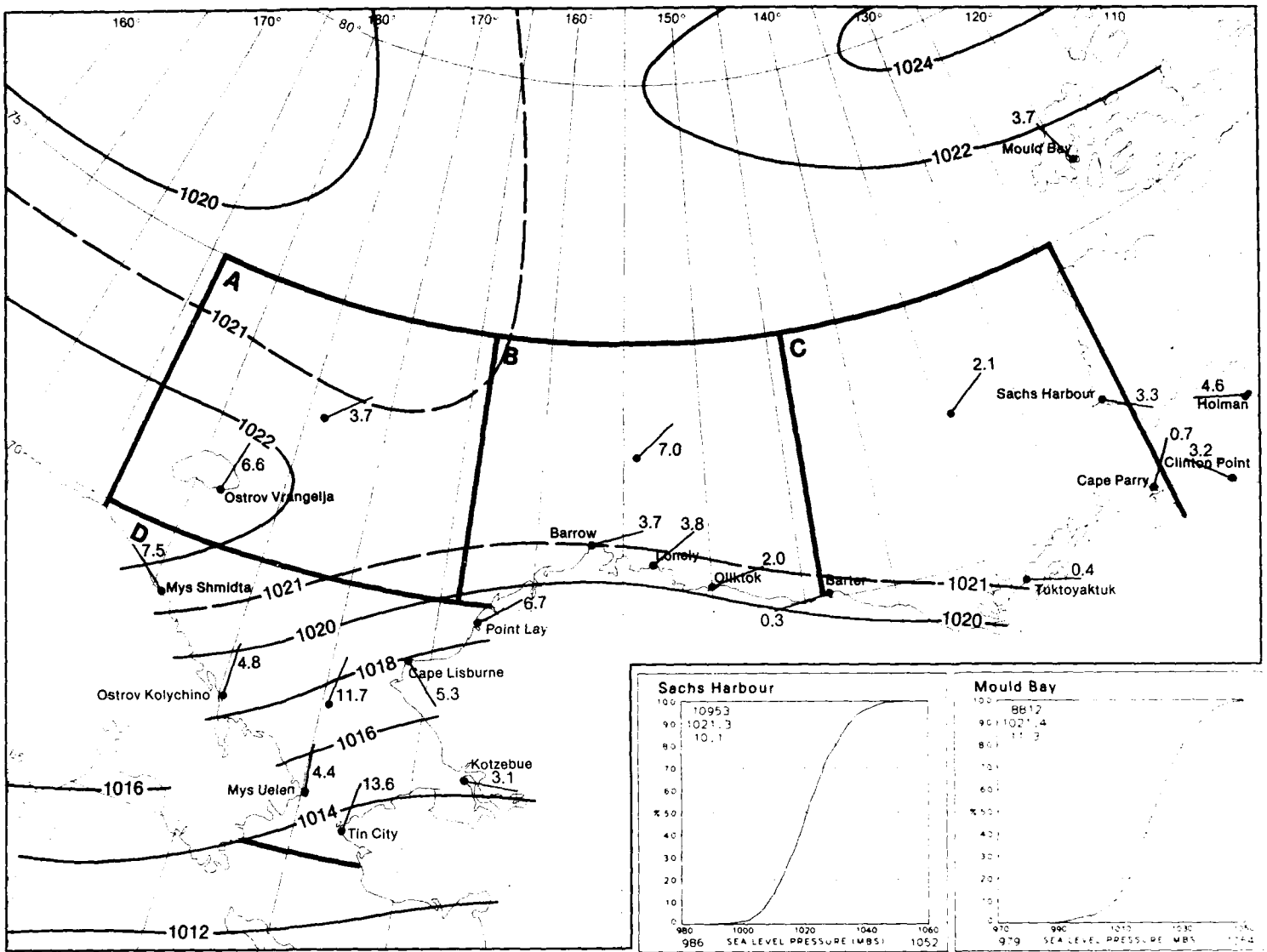
10 Mean Sea Level Pressure and Vector Mean Wind

February



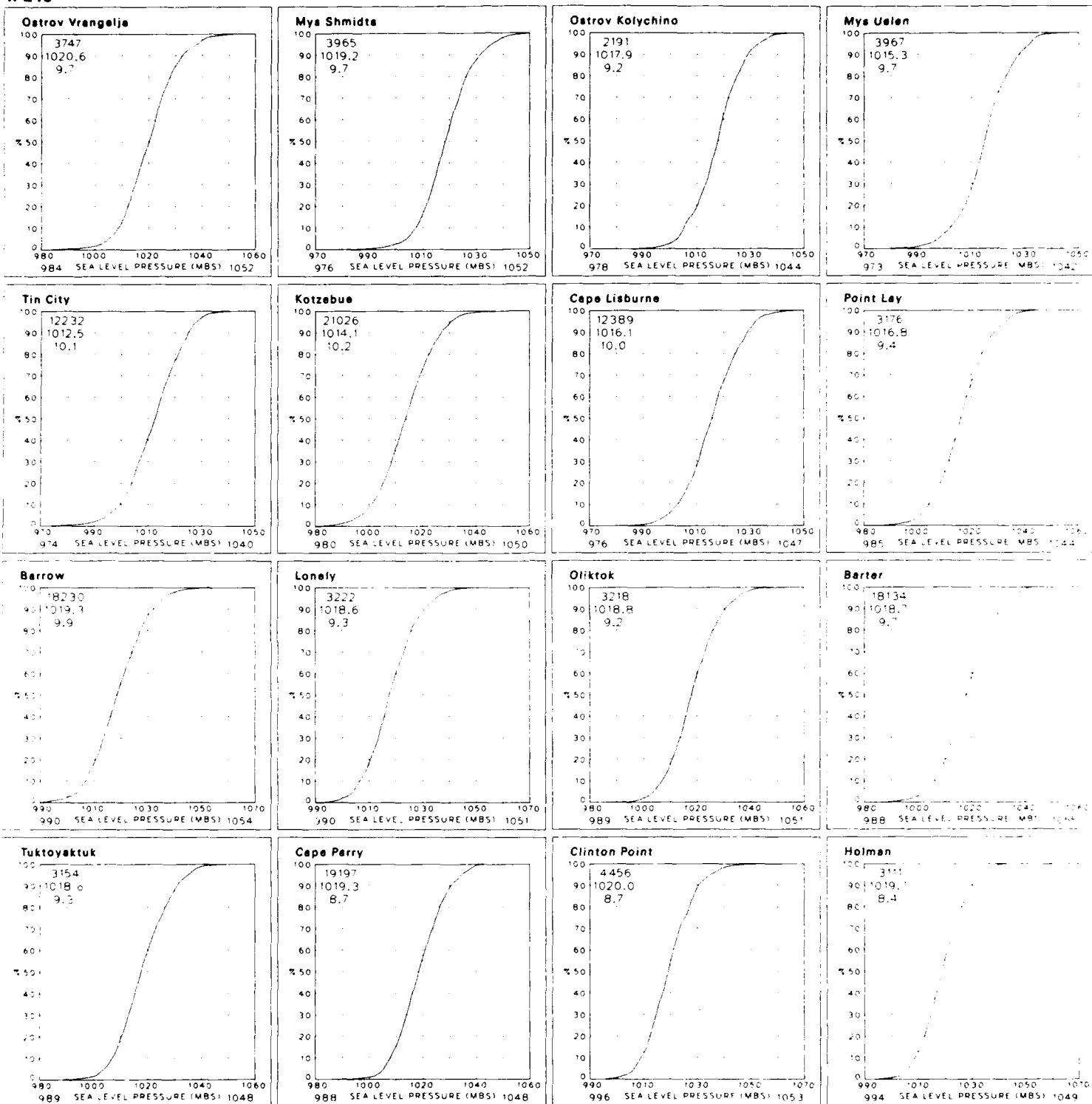
March

10 Sea Level Pressure



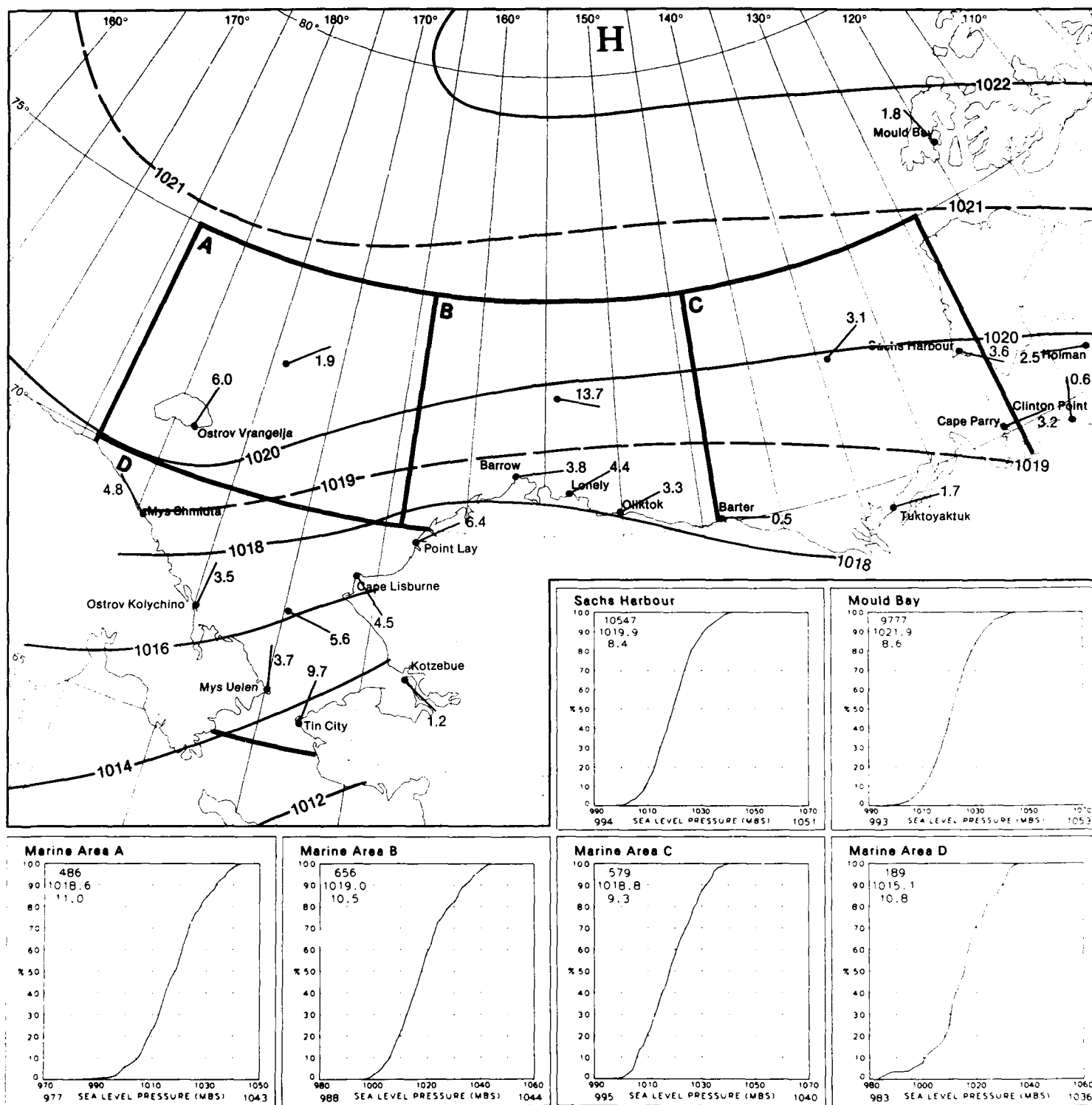
10 Mean Sea Level Pressure and Vector Mean Wind

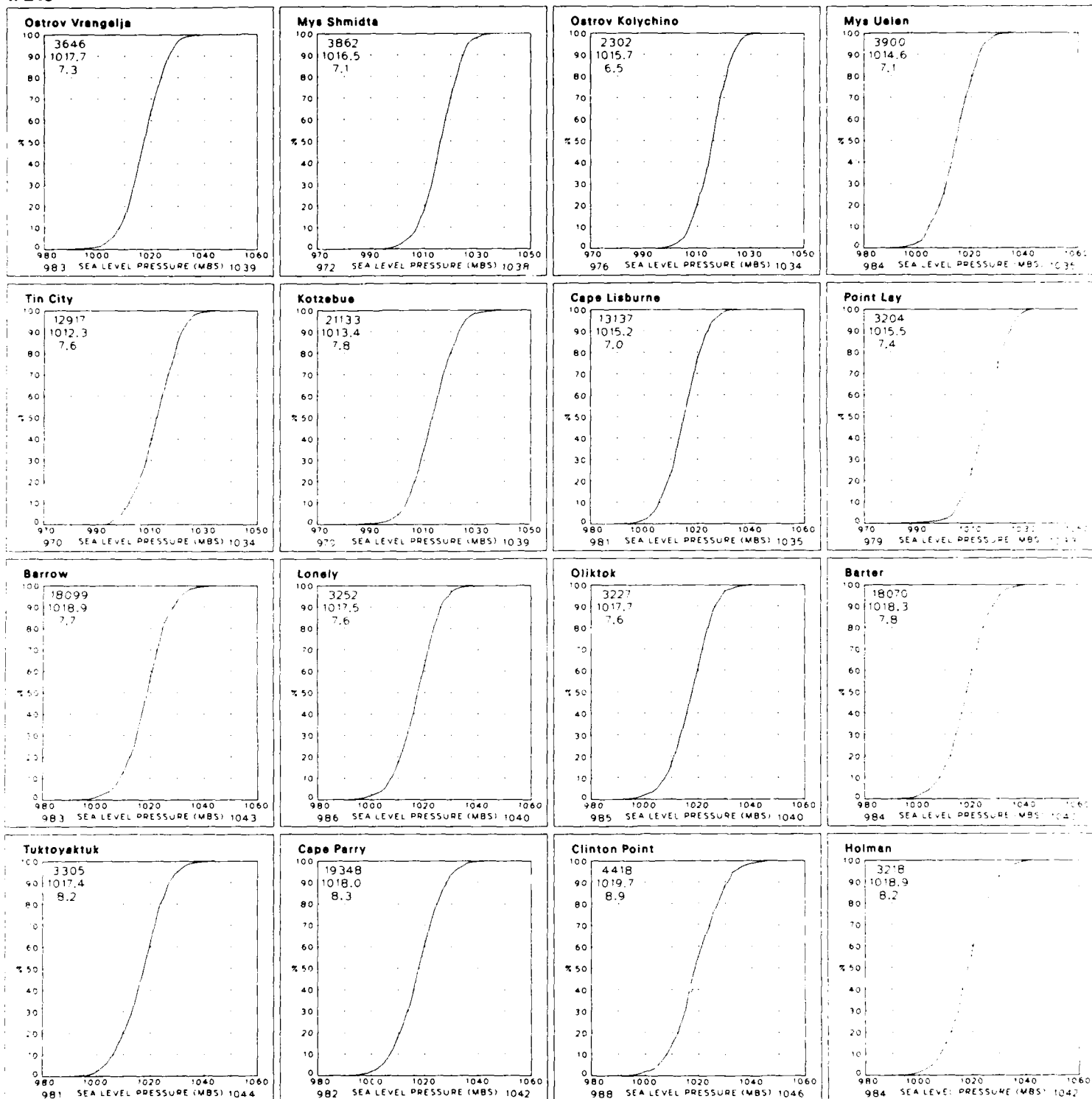
March



April

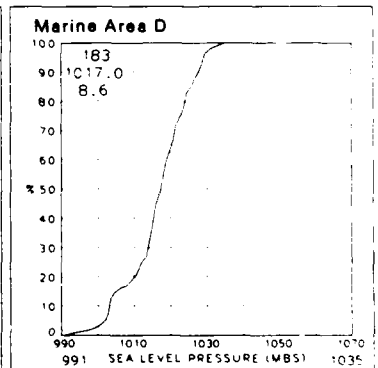
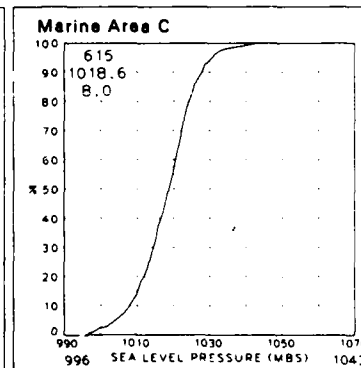
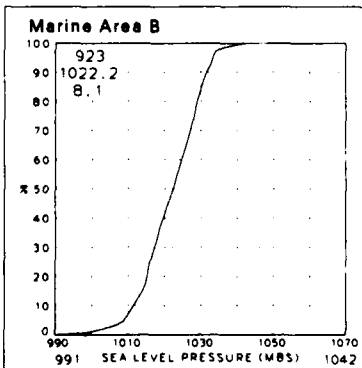
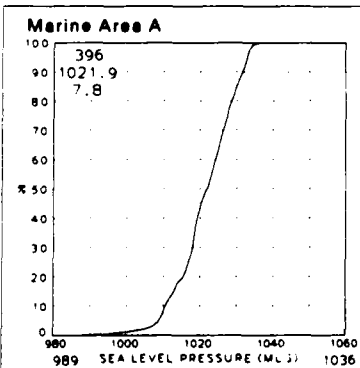
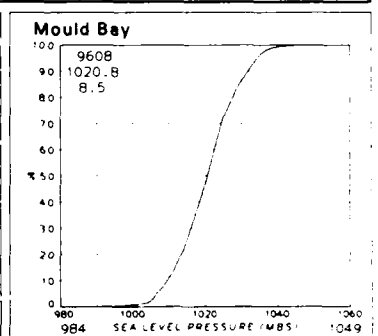
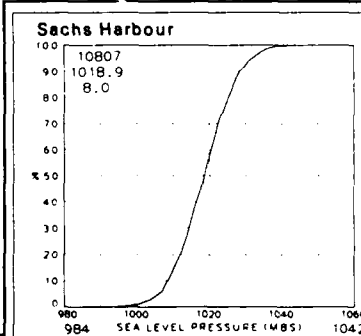
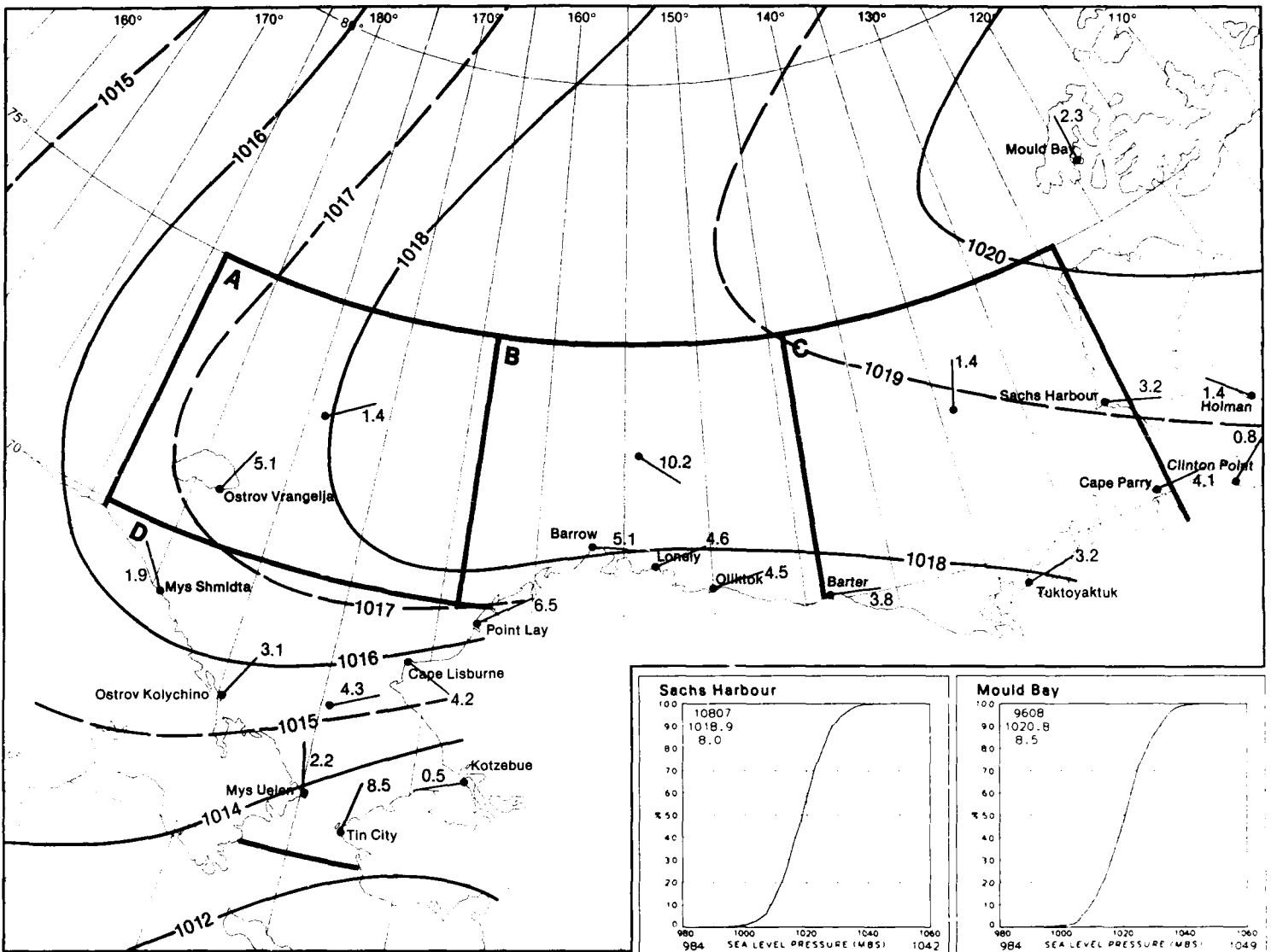
10 Sea Level Pressure





May

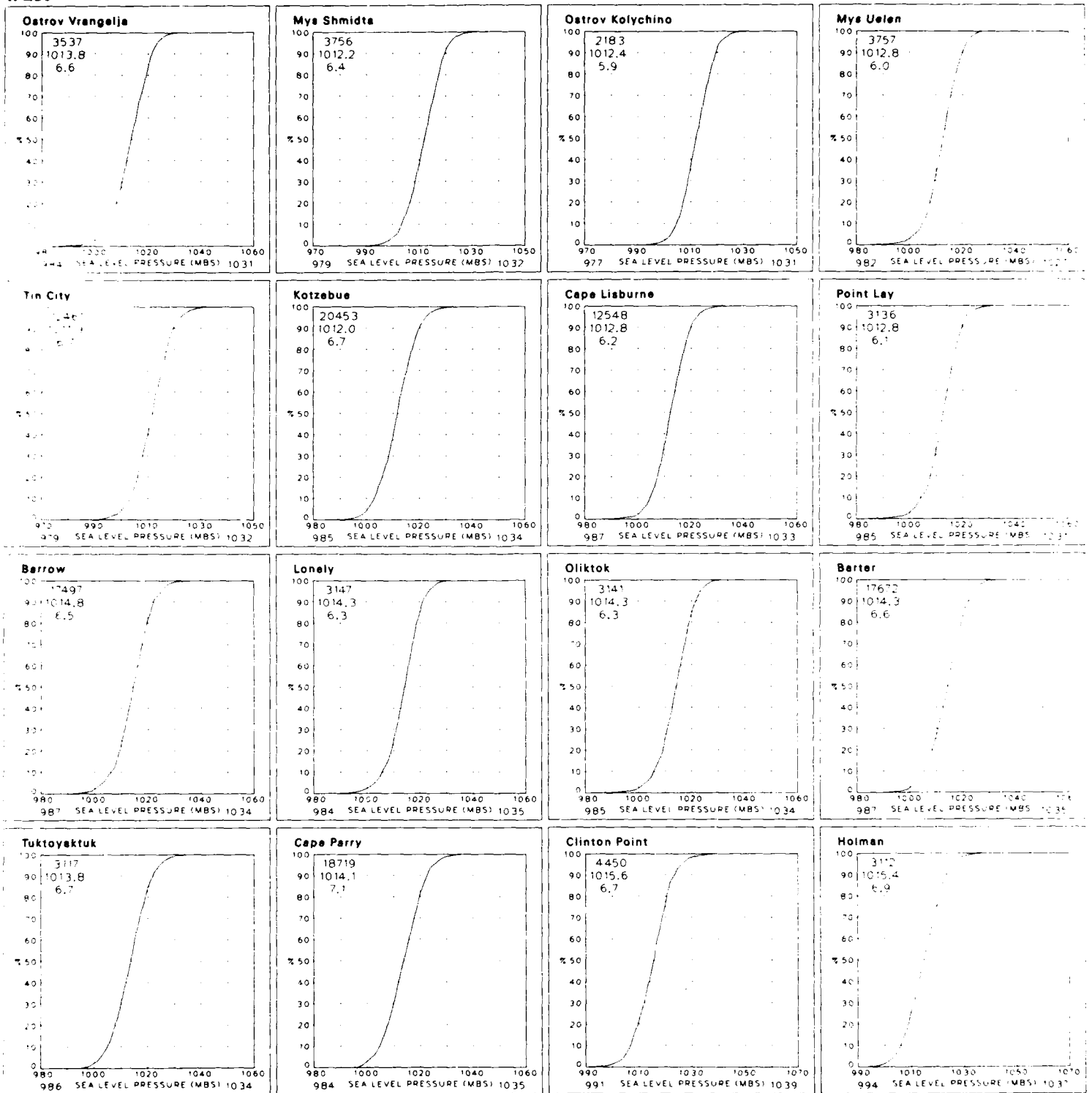
10 Sea Level Pressure



10 Mean Sea Level Pressure and Vector Mean Wind

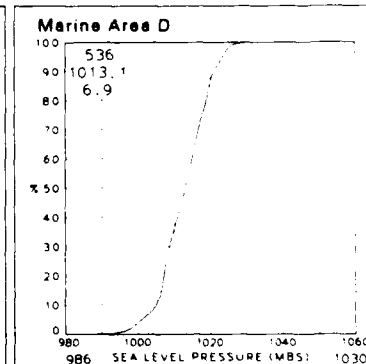
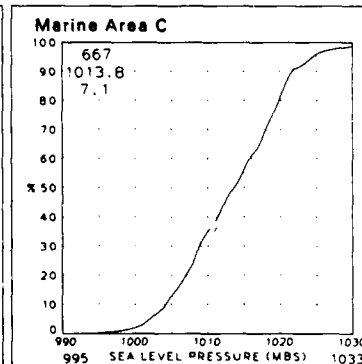
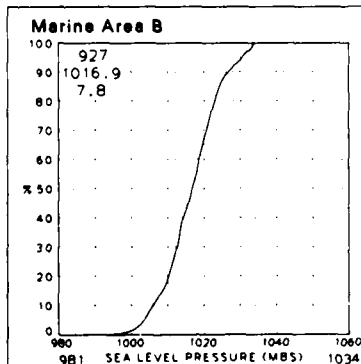
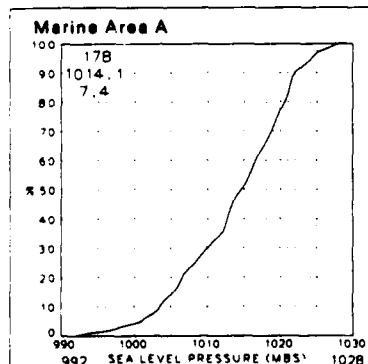
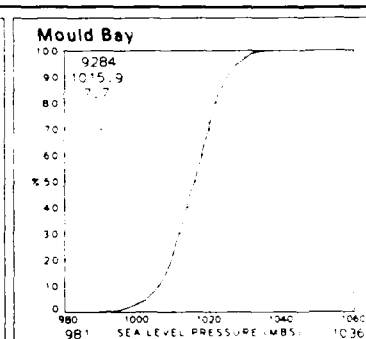
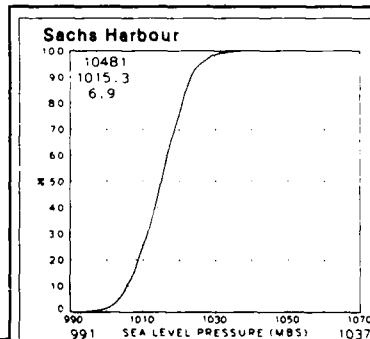
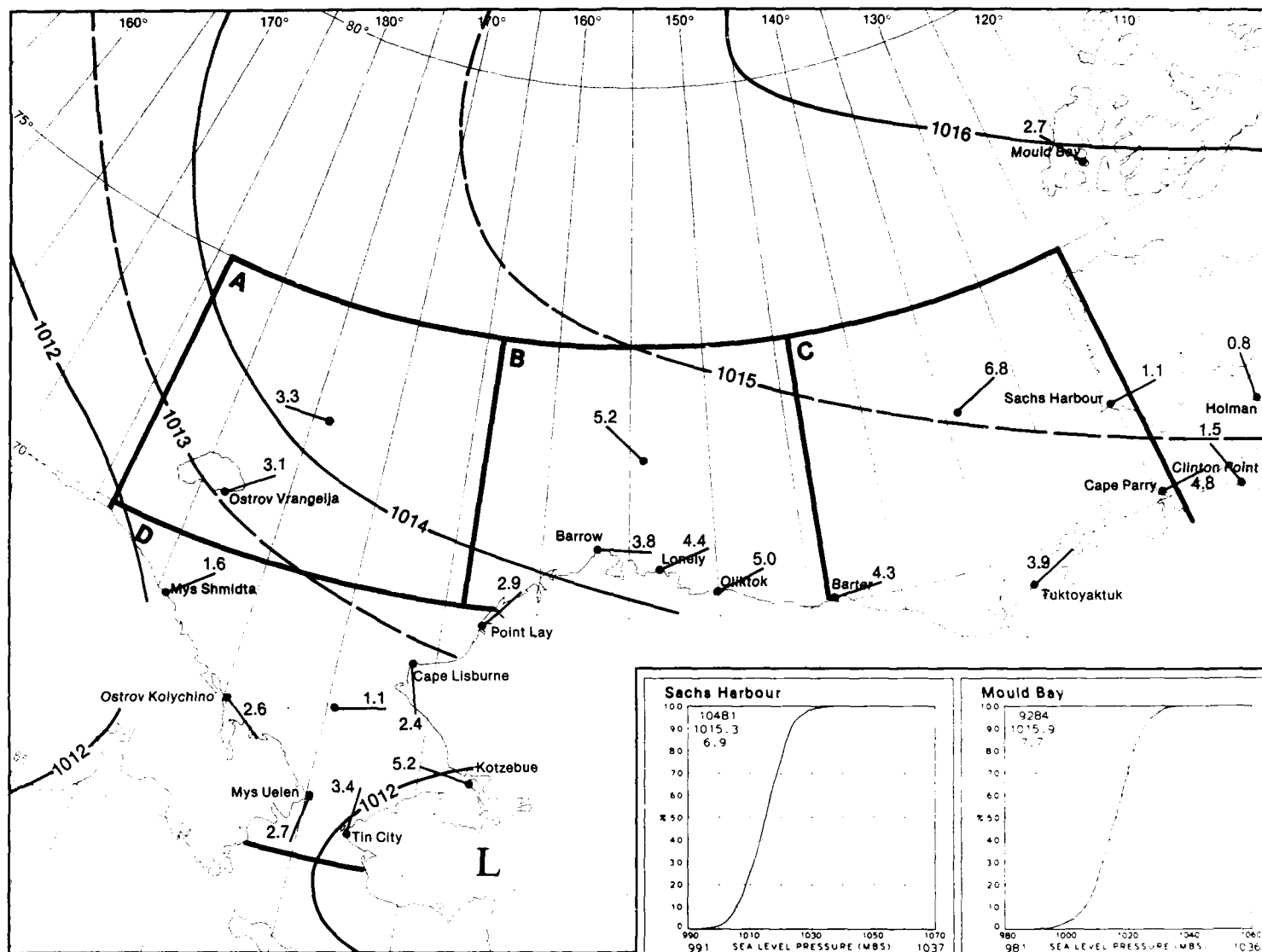
May

11-250



June

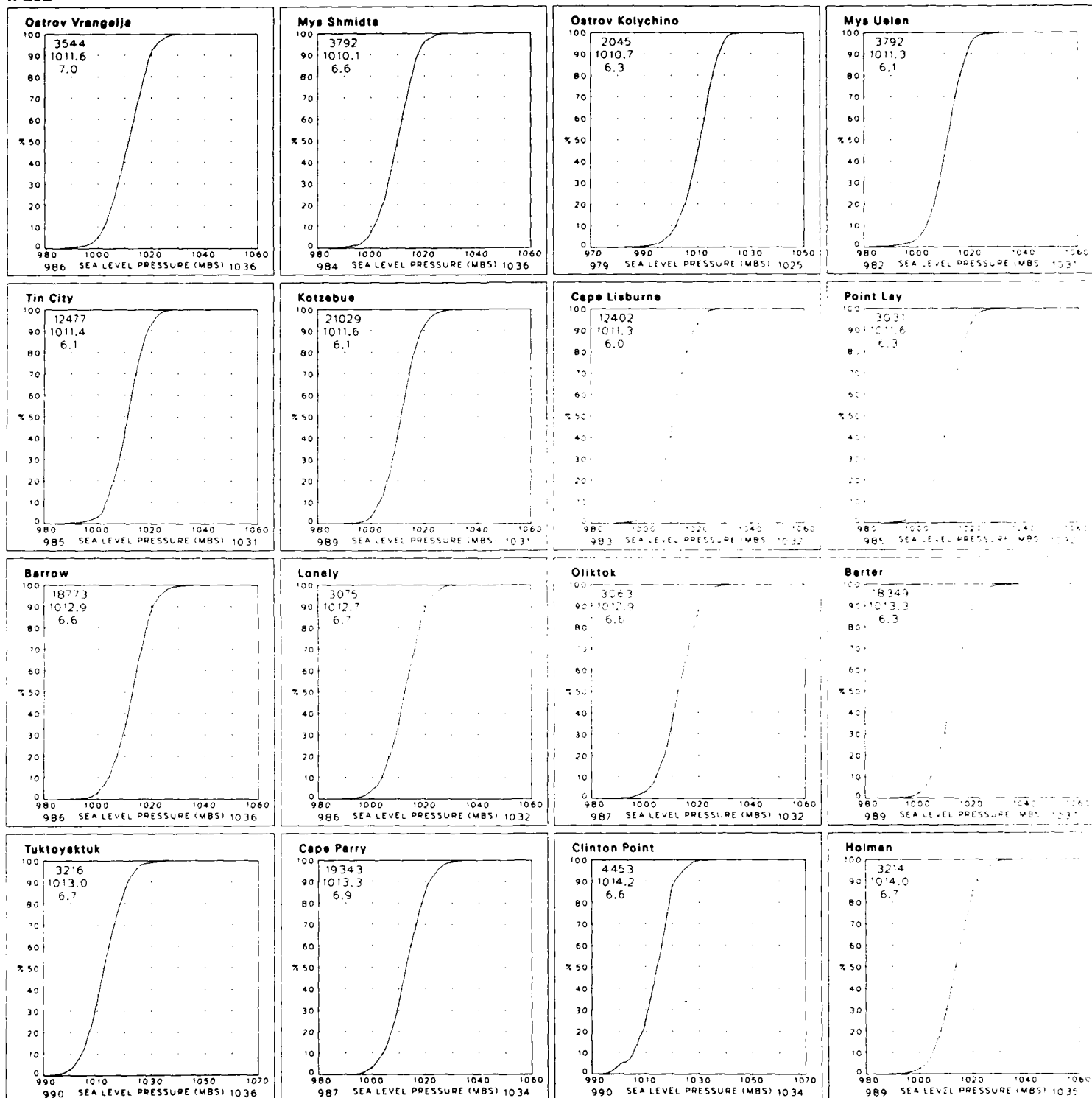
10 Sea Level Pressure



10 Mean Sea Level Pressure and Vector Mean Wind

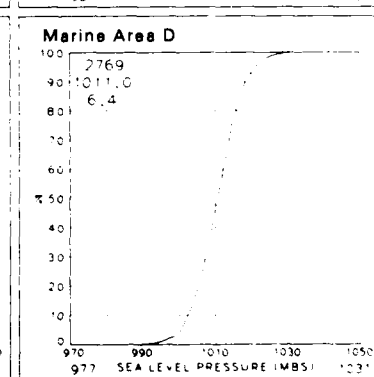
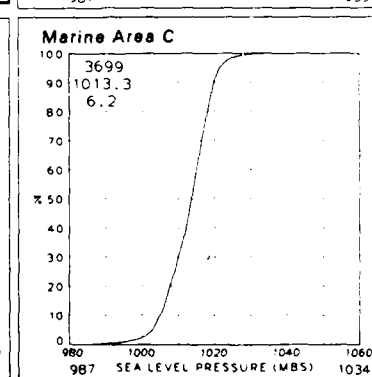
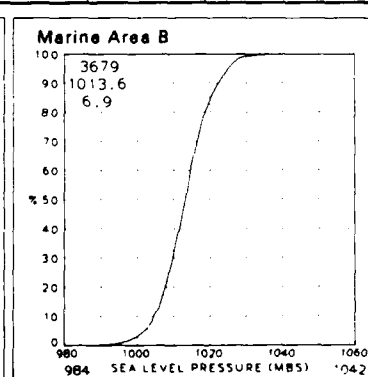
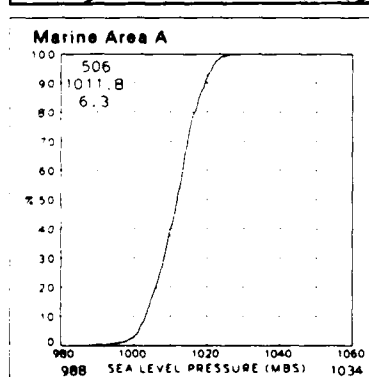
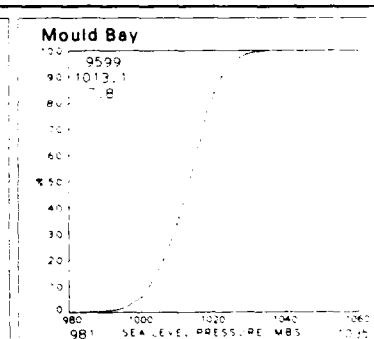
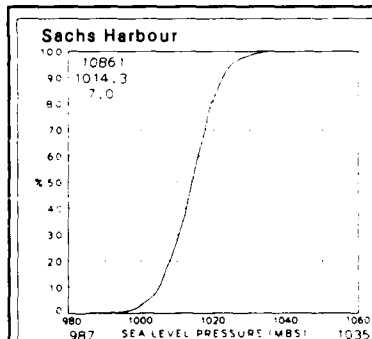
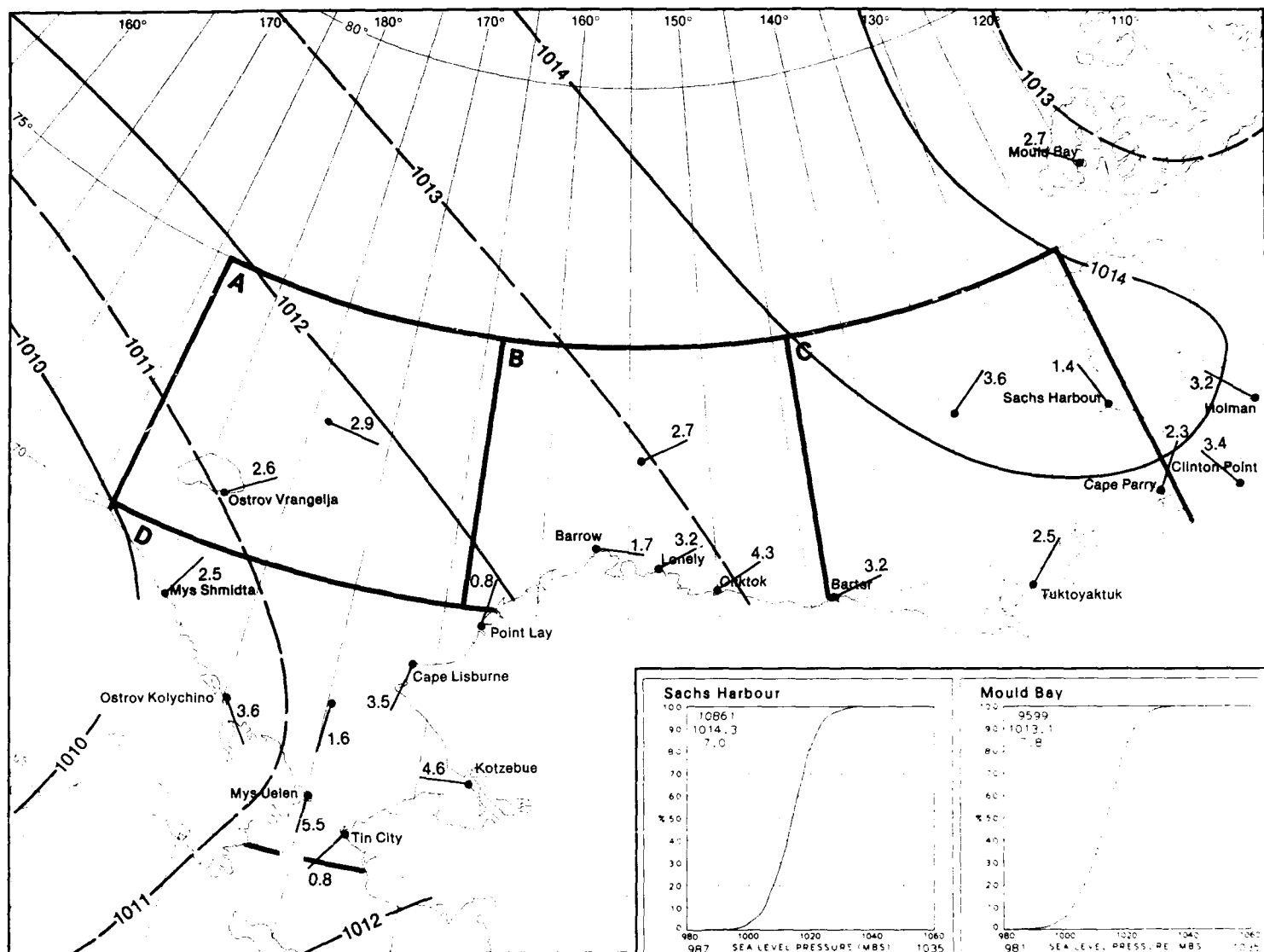
June

II-252



July

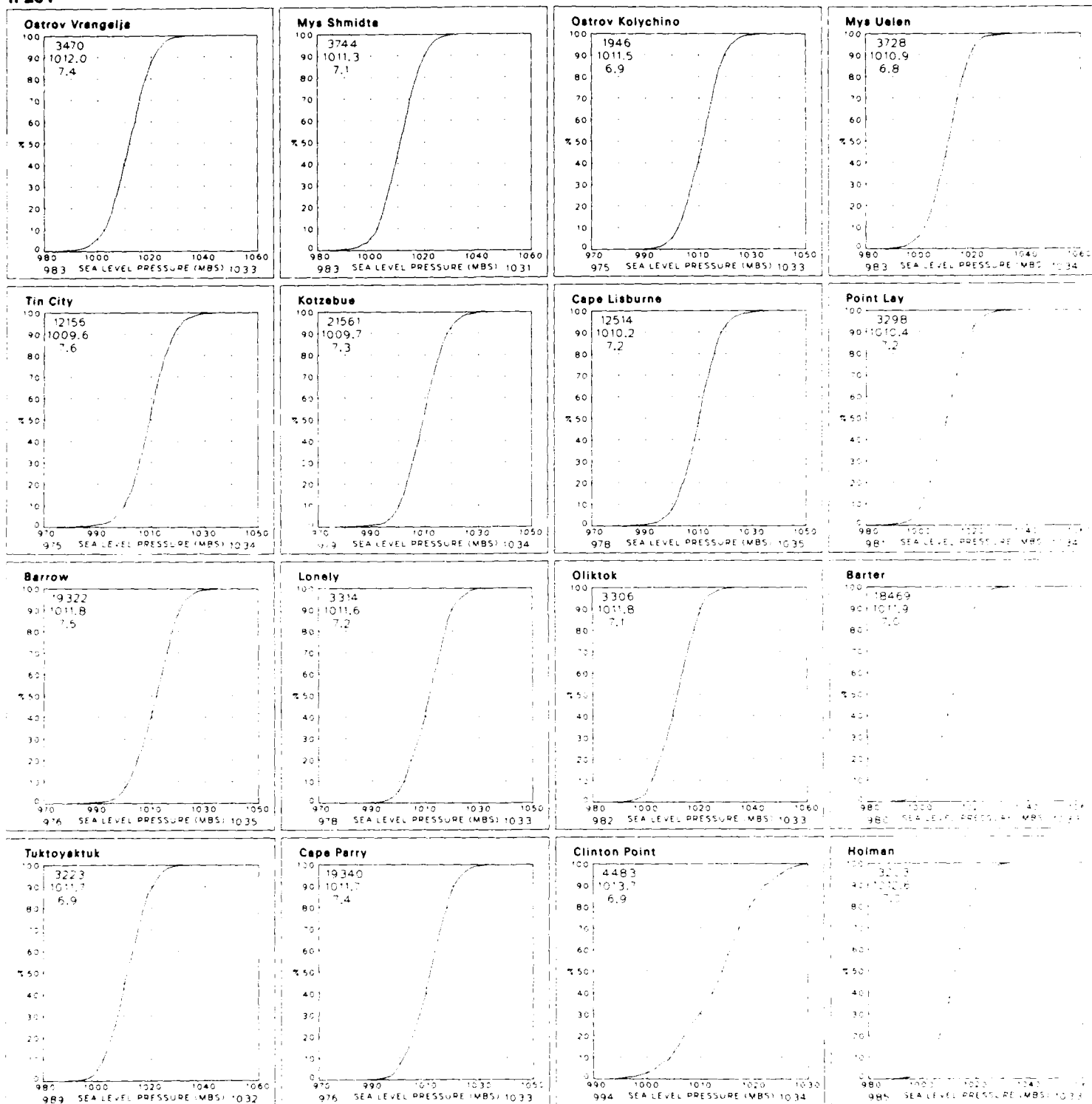
10 Sea Level Pressure



10 Mean Sea Level Pressure and Vector Mean Wind

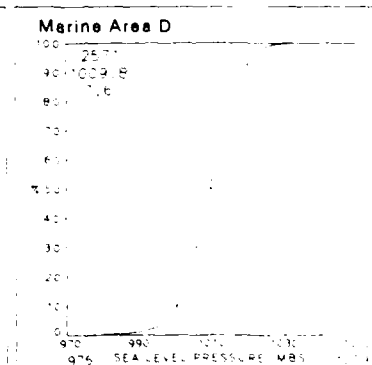
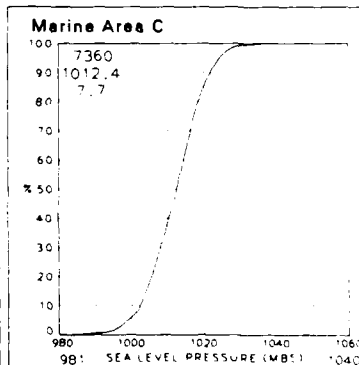
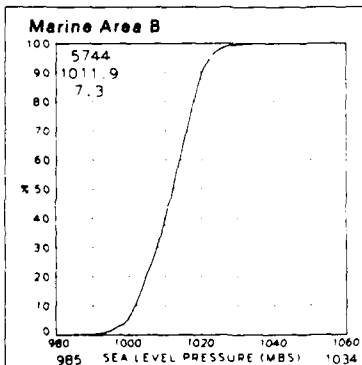
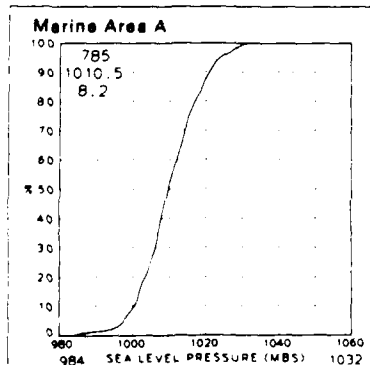
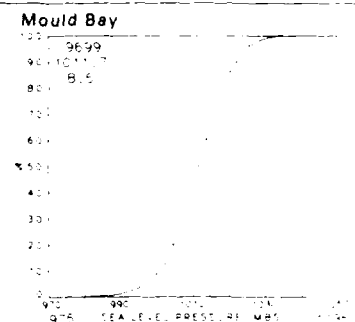
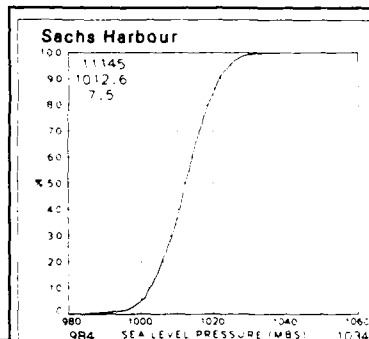
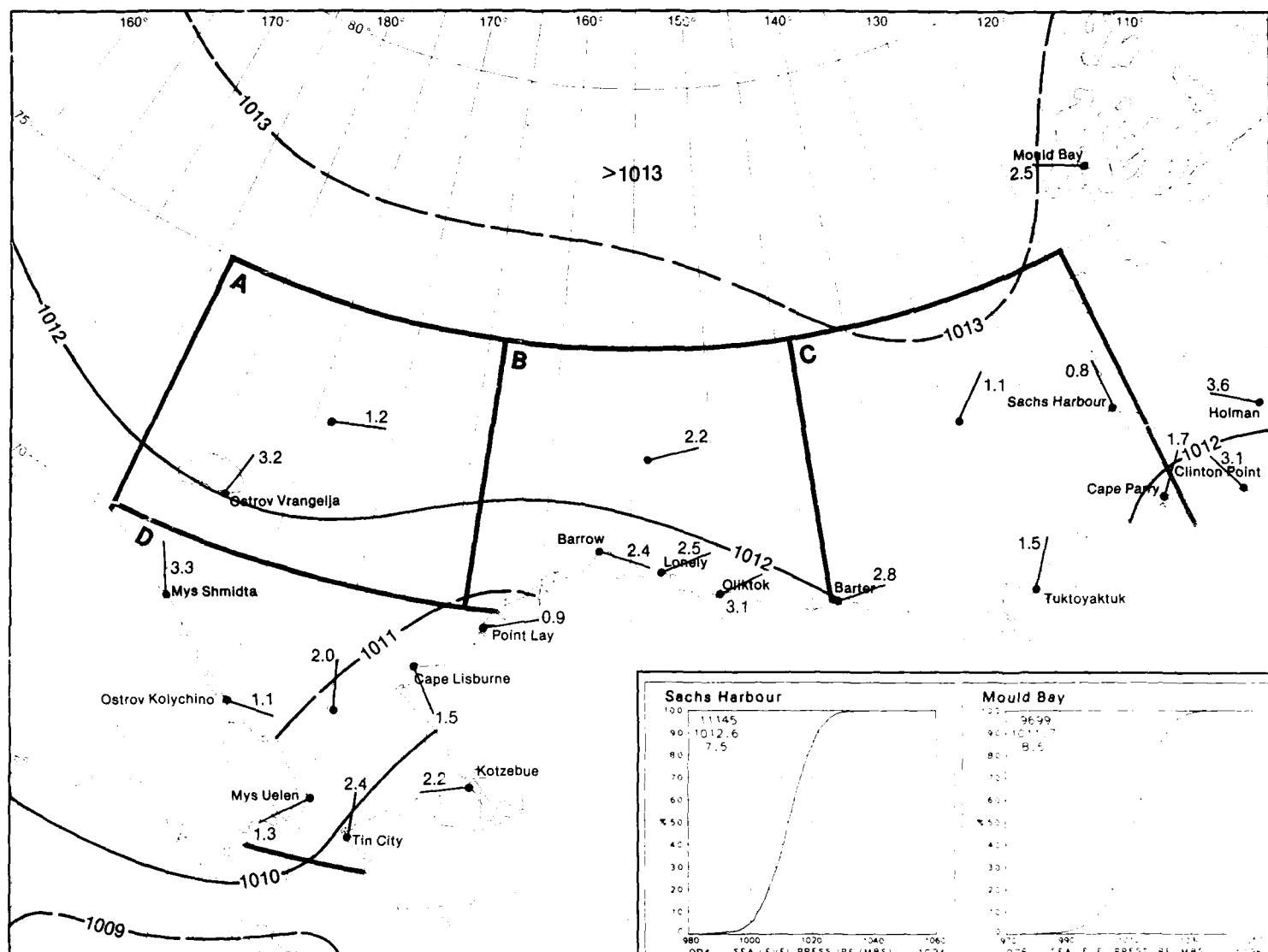
July

11-254



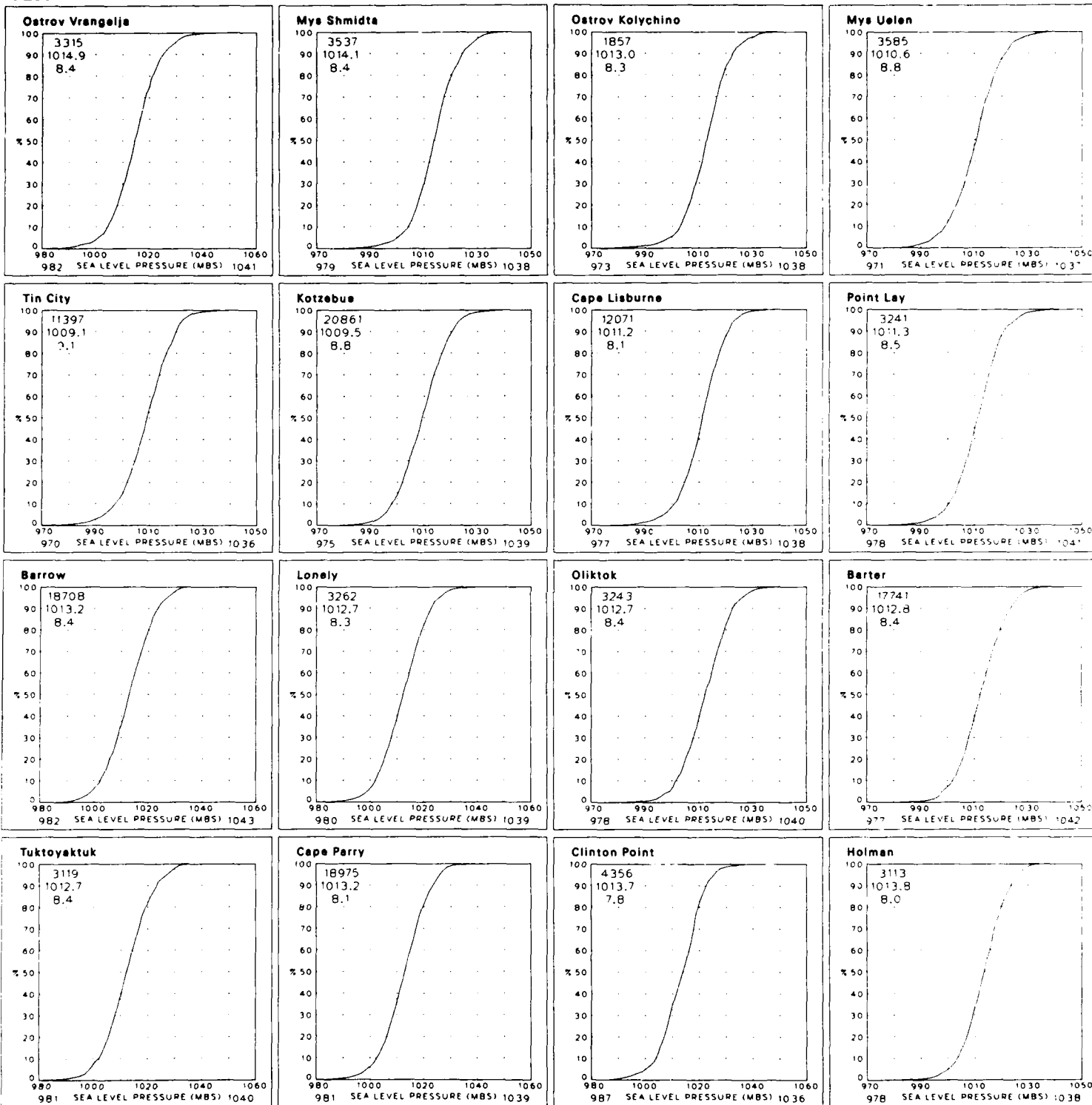
August

10 Sea Level Pressur



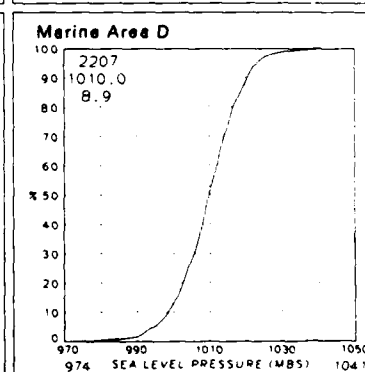
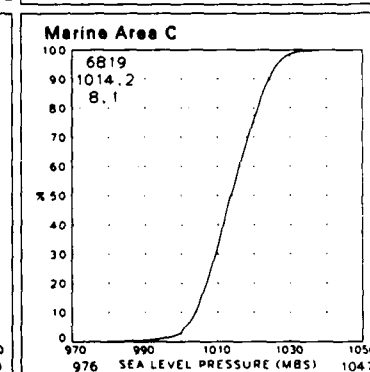
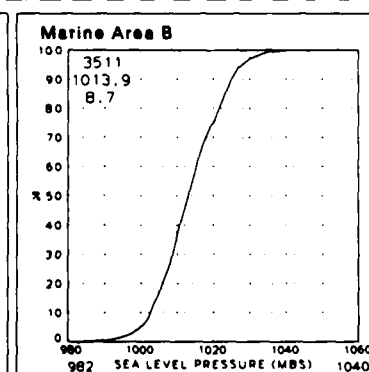
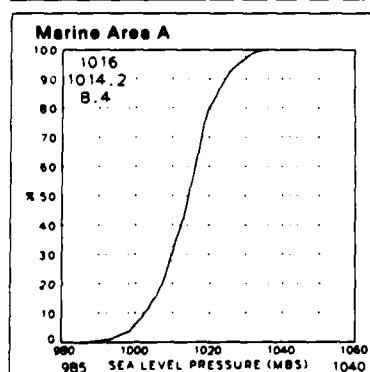
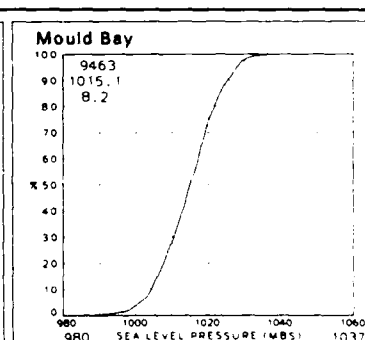
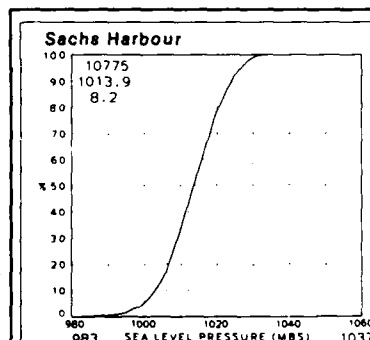
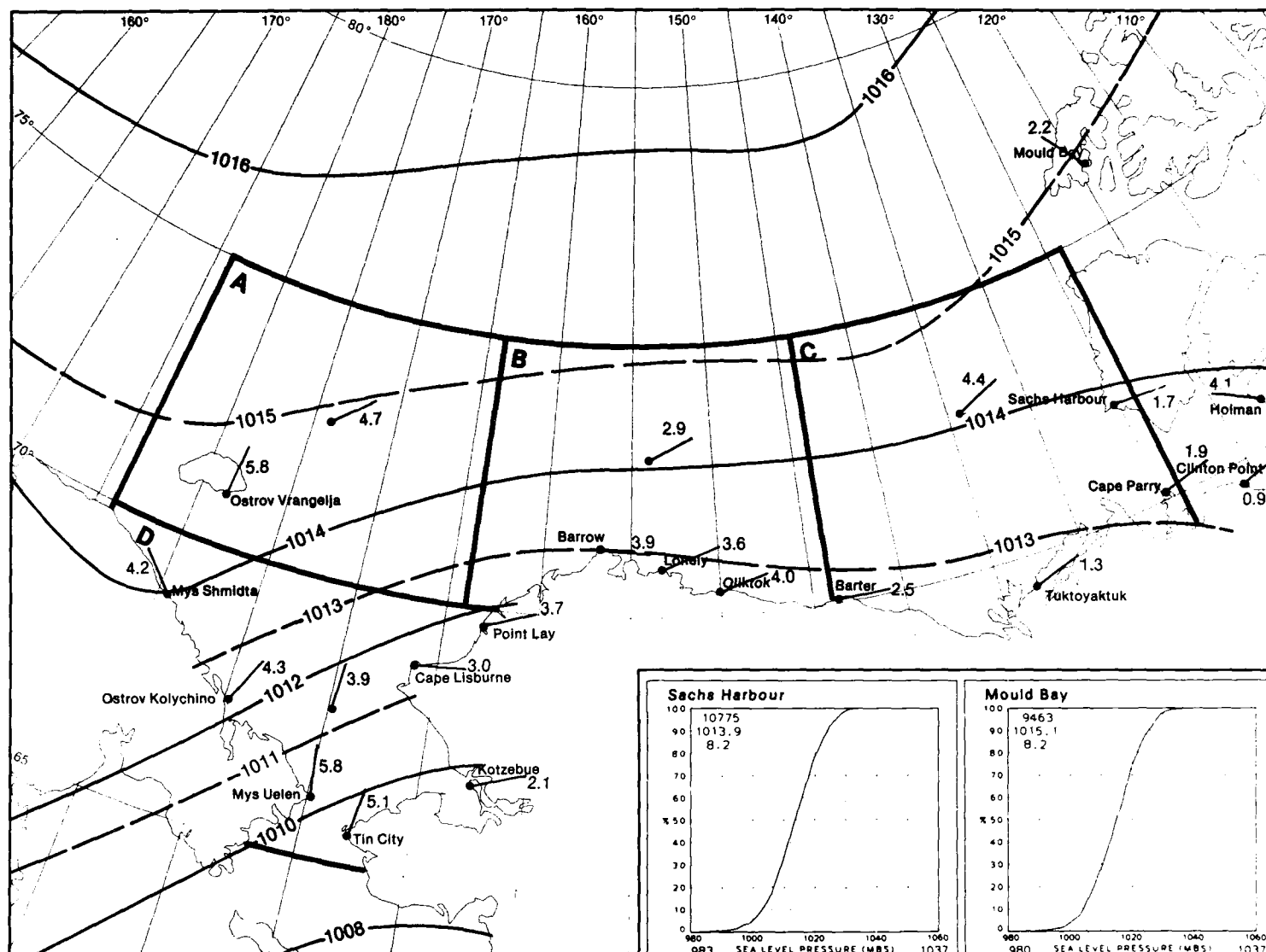
10 Mean Sea Level Pressure and Vector Mean Wind

August



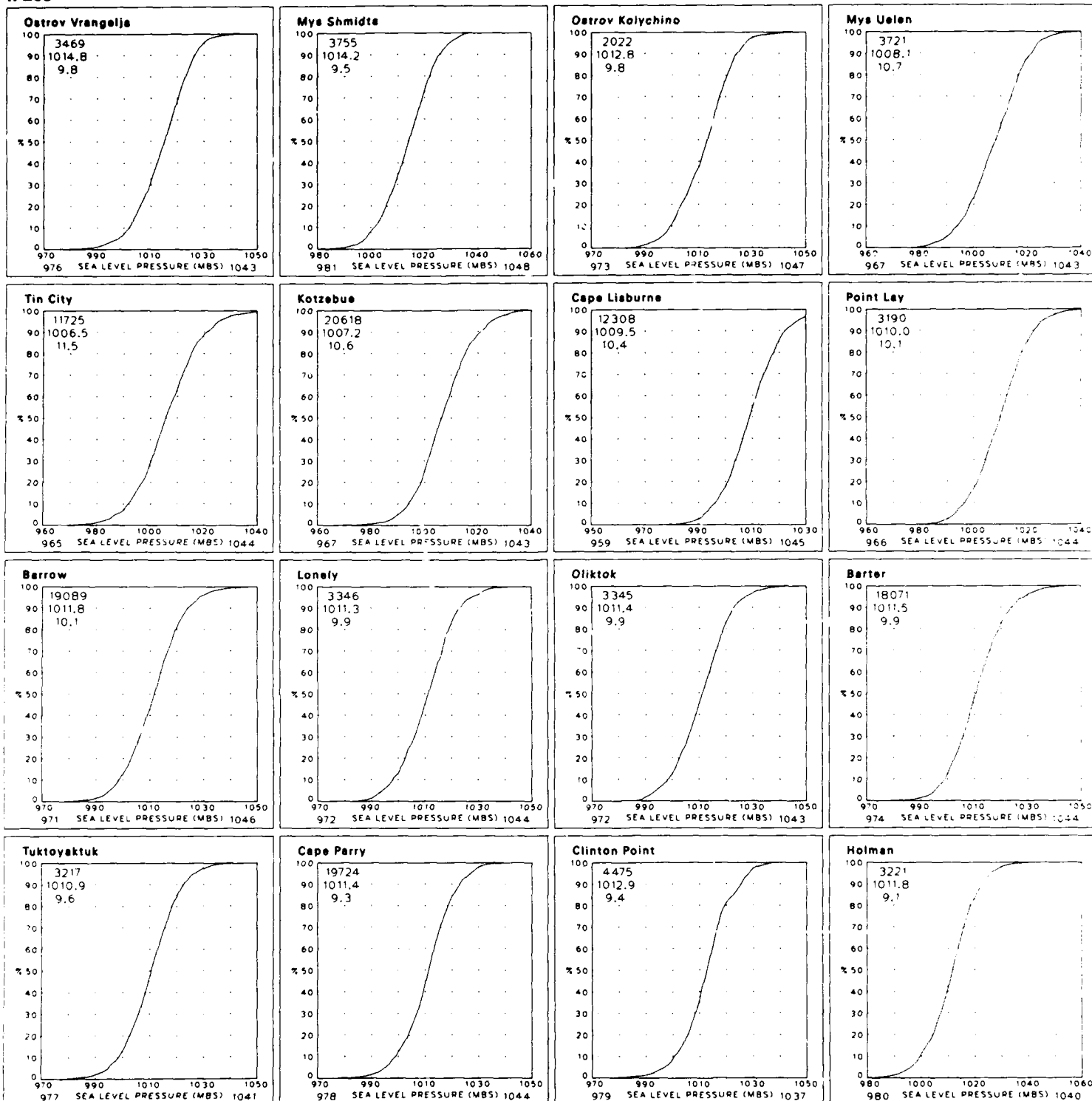
September

10 Sea Level Pressure



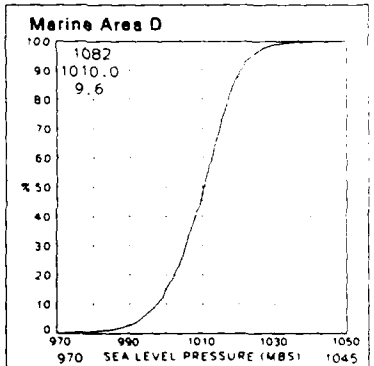
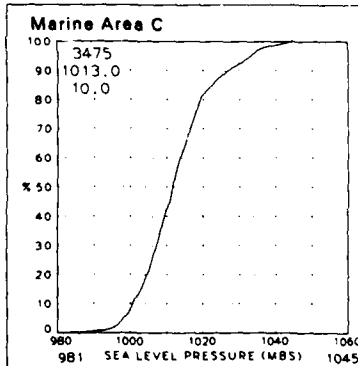
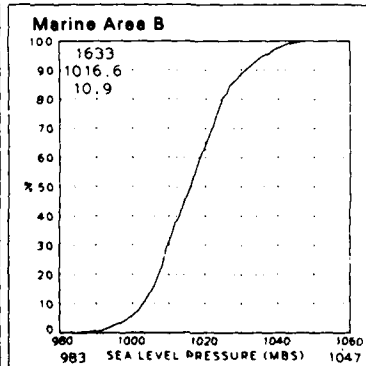
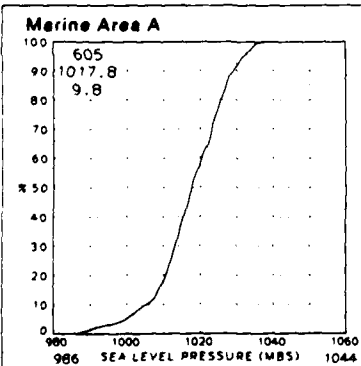
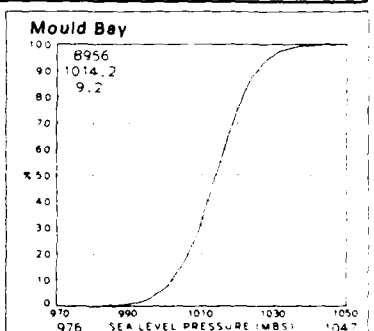
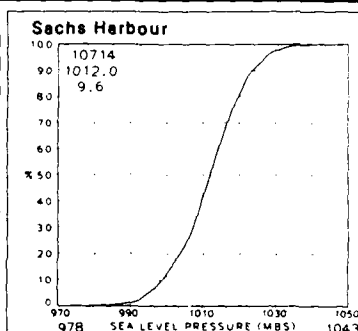
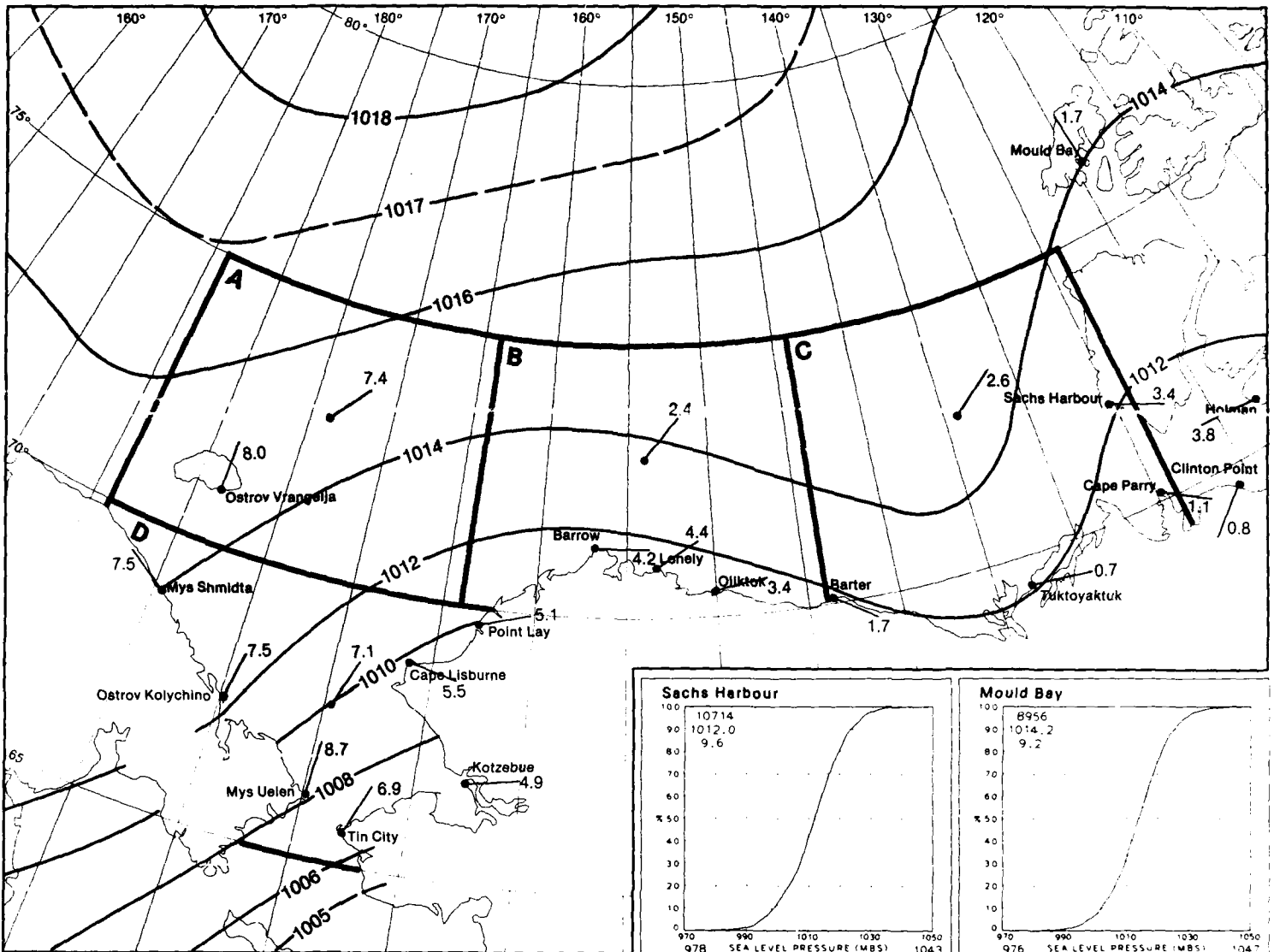
10 Mean Sea Level Pressure and Vector Mean Wind

September



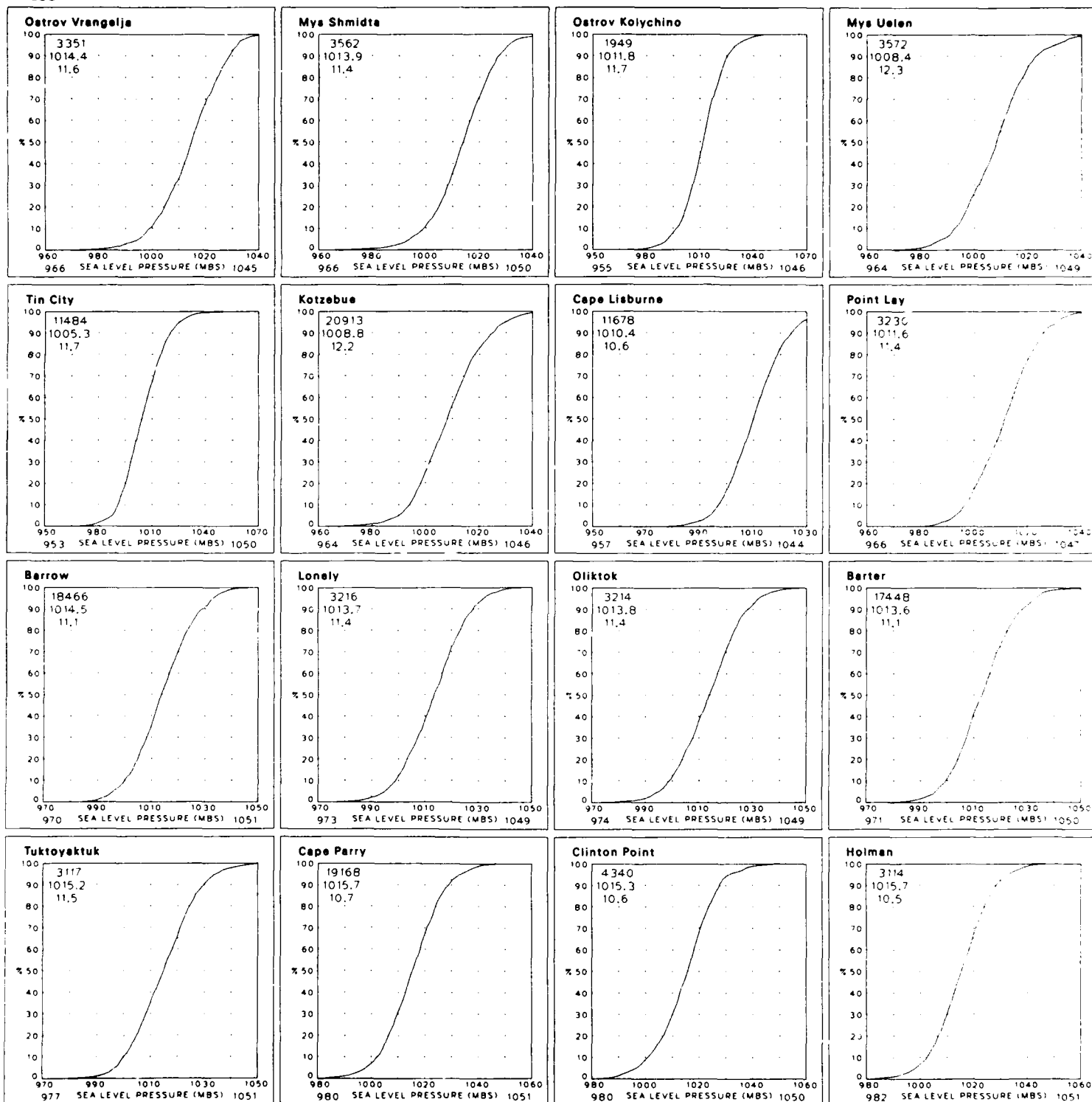
October

10 Sea Level Pressure



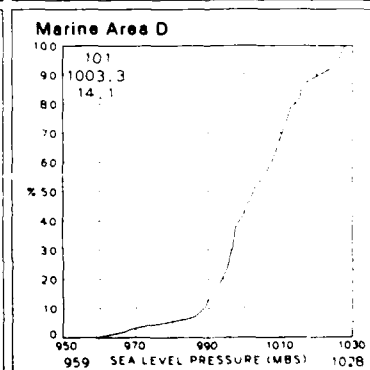
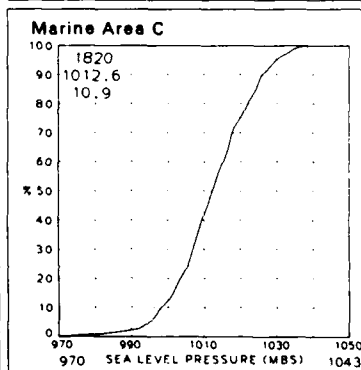
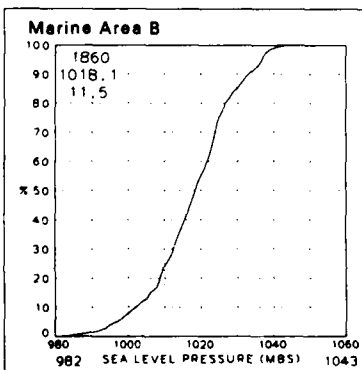
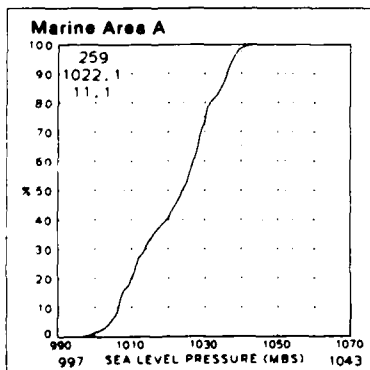
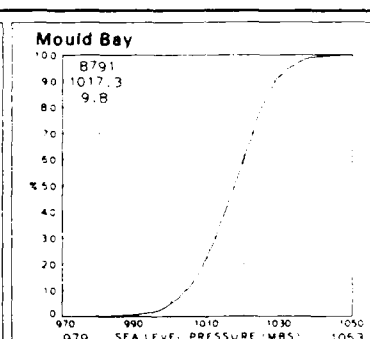
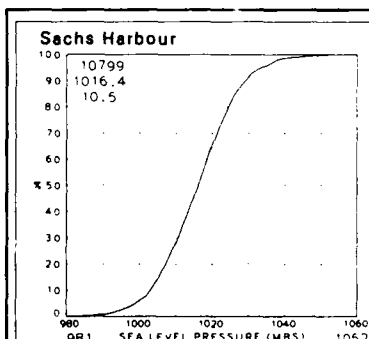
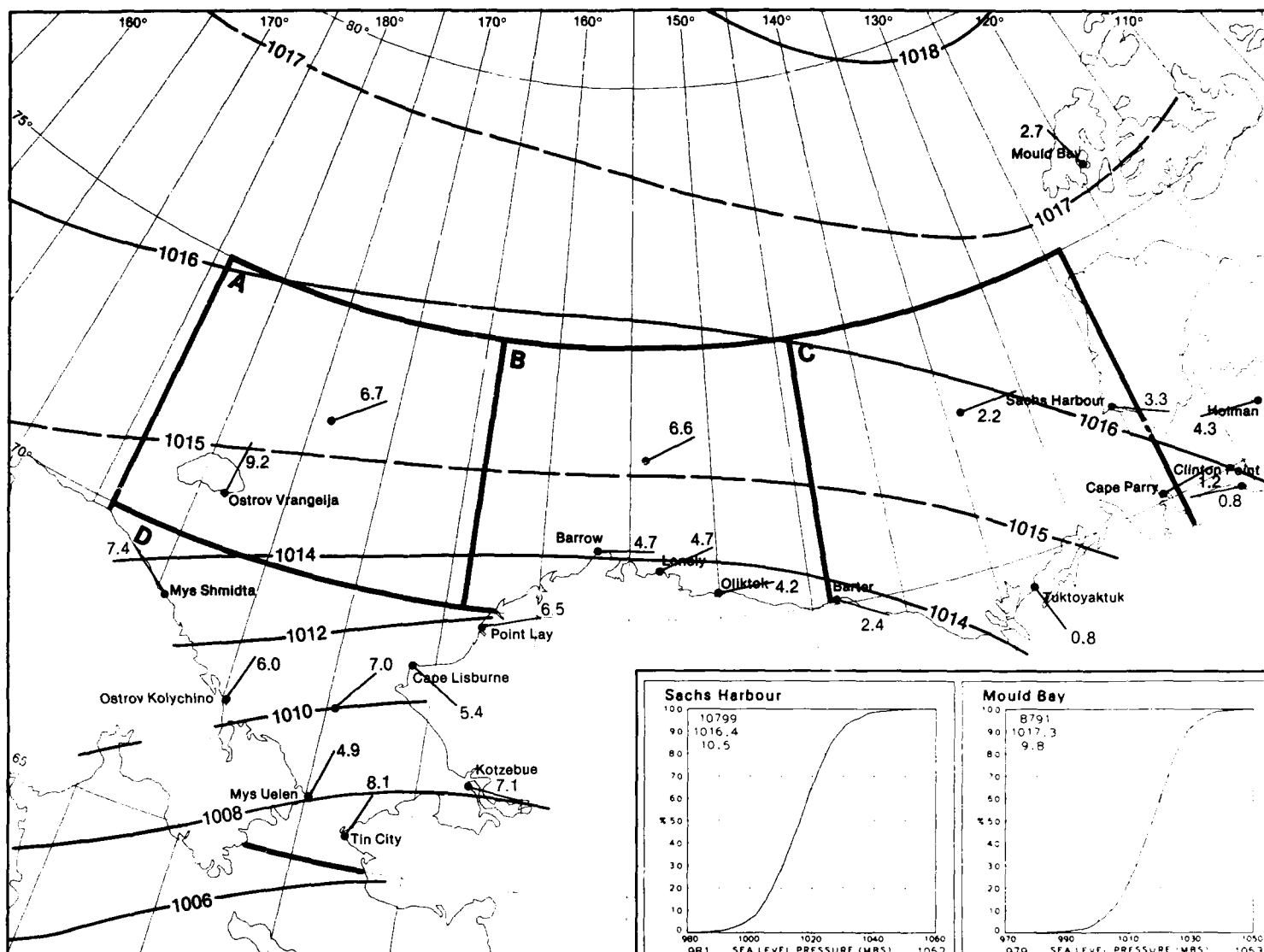
10 Mean Sea Level Pressure and Vector Mean Wind

October



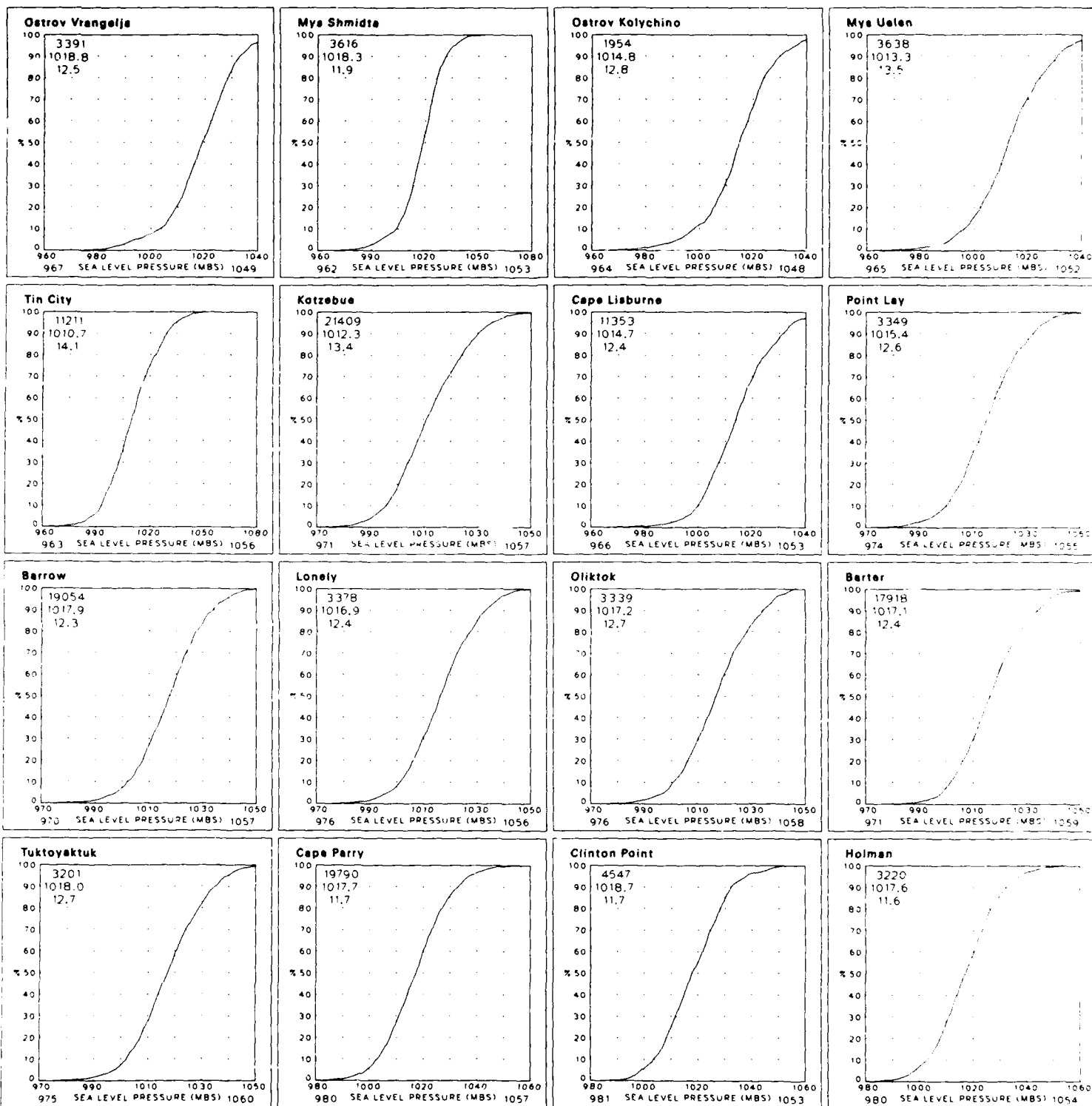
November

10 Sea Level Pressure



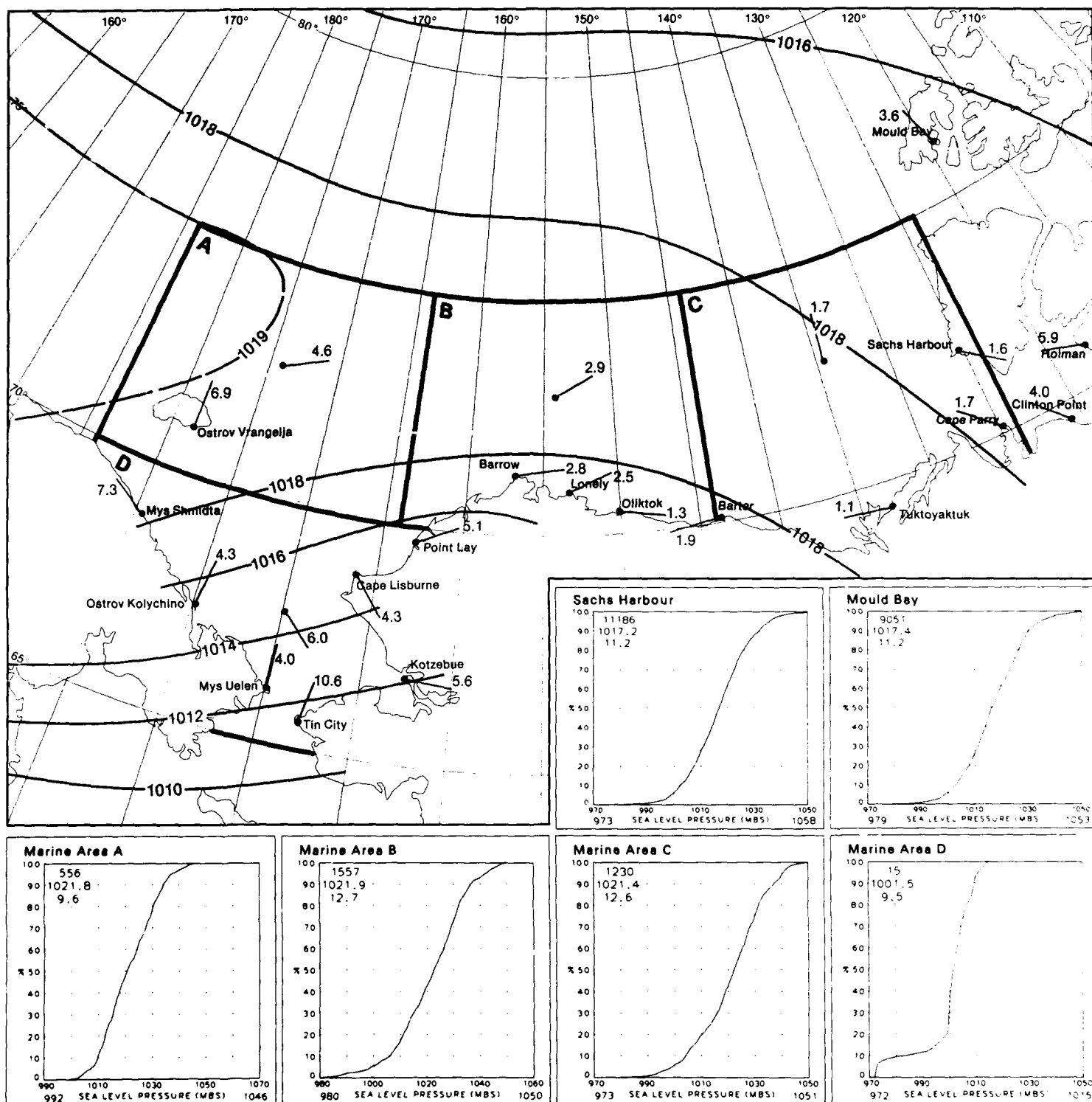
10 Mean Sea Level Pressure and Vector Mean Wind

November



December

10 Sea Level Pressure



10 Mean Sea Level Pressure and Vector Mean Wind

December

Map 11. Wind speed ≤ 10 and ≥ 34 knots

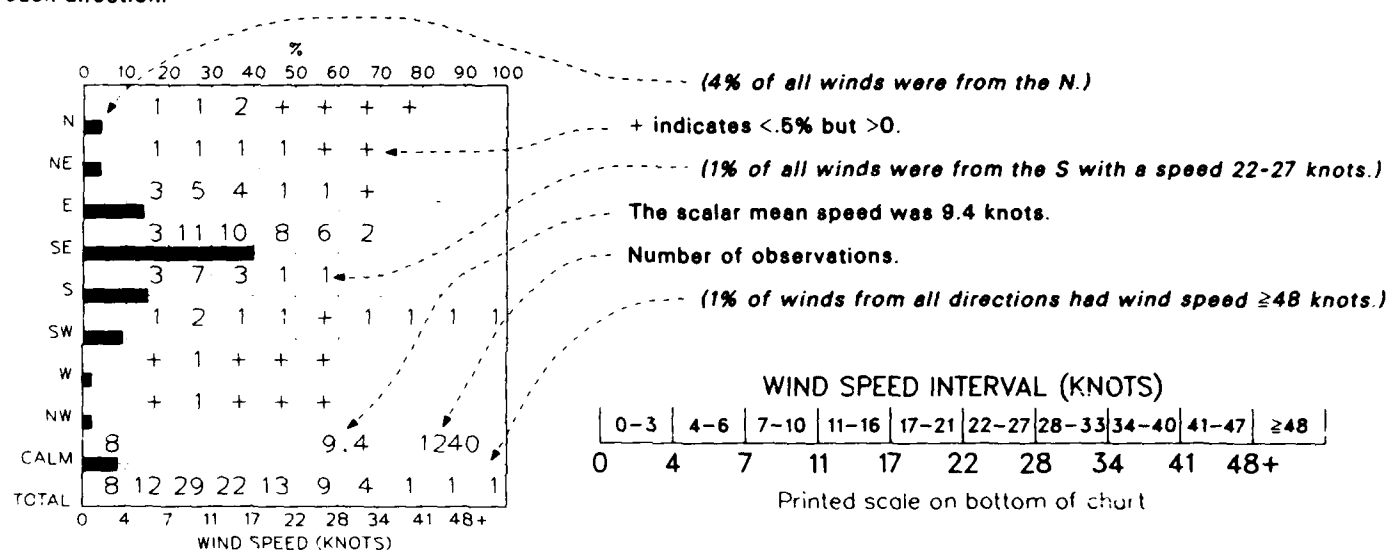
BLACK LINE – Percent frequency of wind speed ≤ 10 knots (≤ 12 mph).

BLUE LINE – Percent frequency of wind speed ≥ 34 knots (≥ 39 mph).

Albers Equal-Area Conic Projection

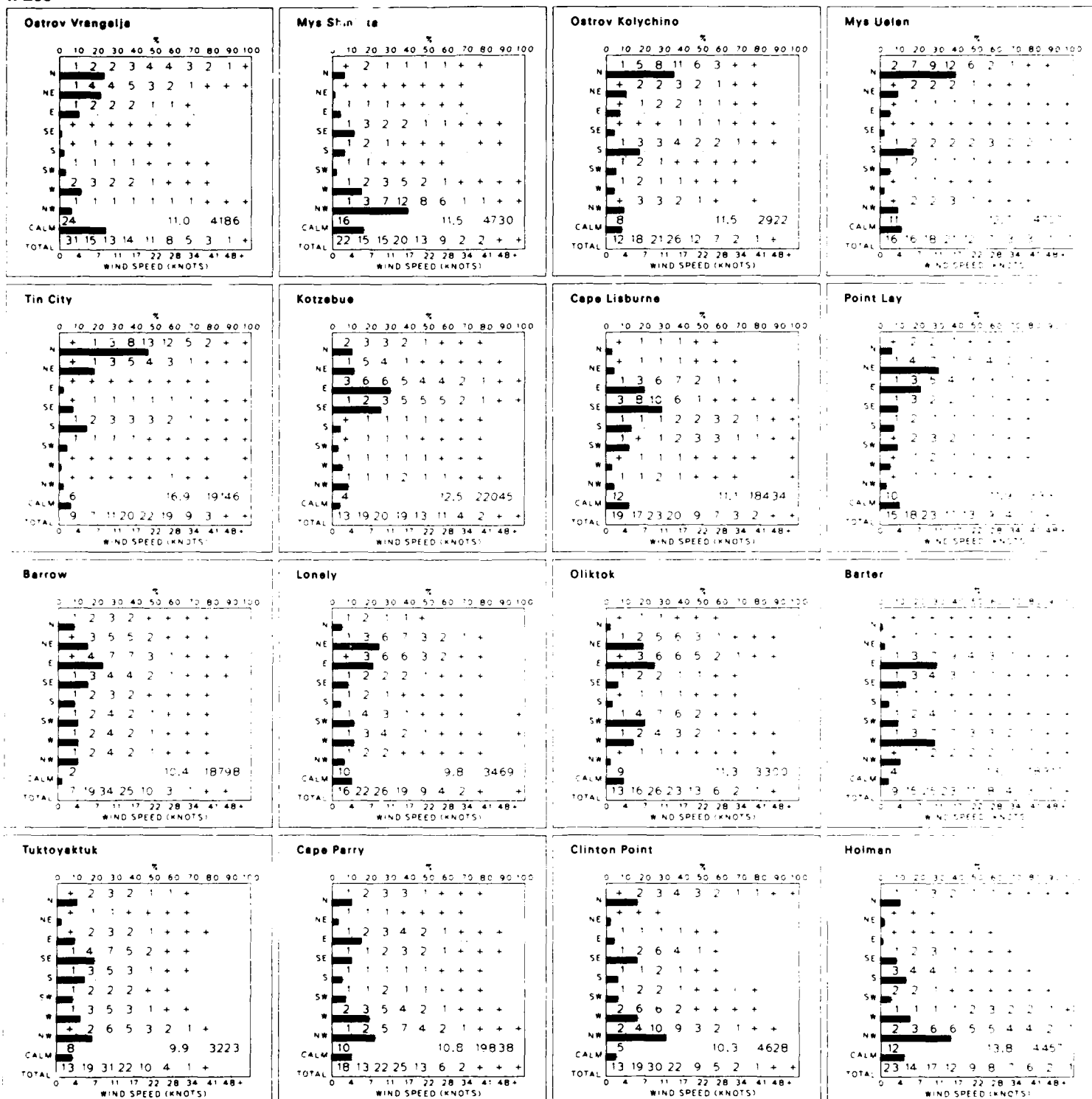
Graphs: Wind speed/direction

Direction frequency (top scale): Bars represent percent frequency of winds observed from each direction. Speed frequency (bottom scale): Printed figures represent percent frequency of wind speeds observed from each direction.



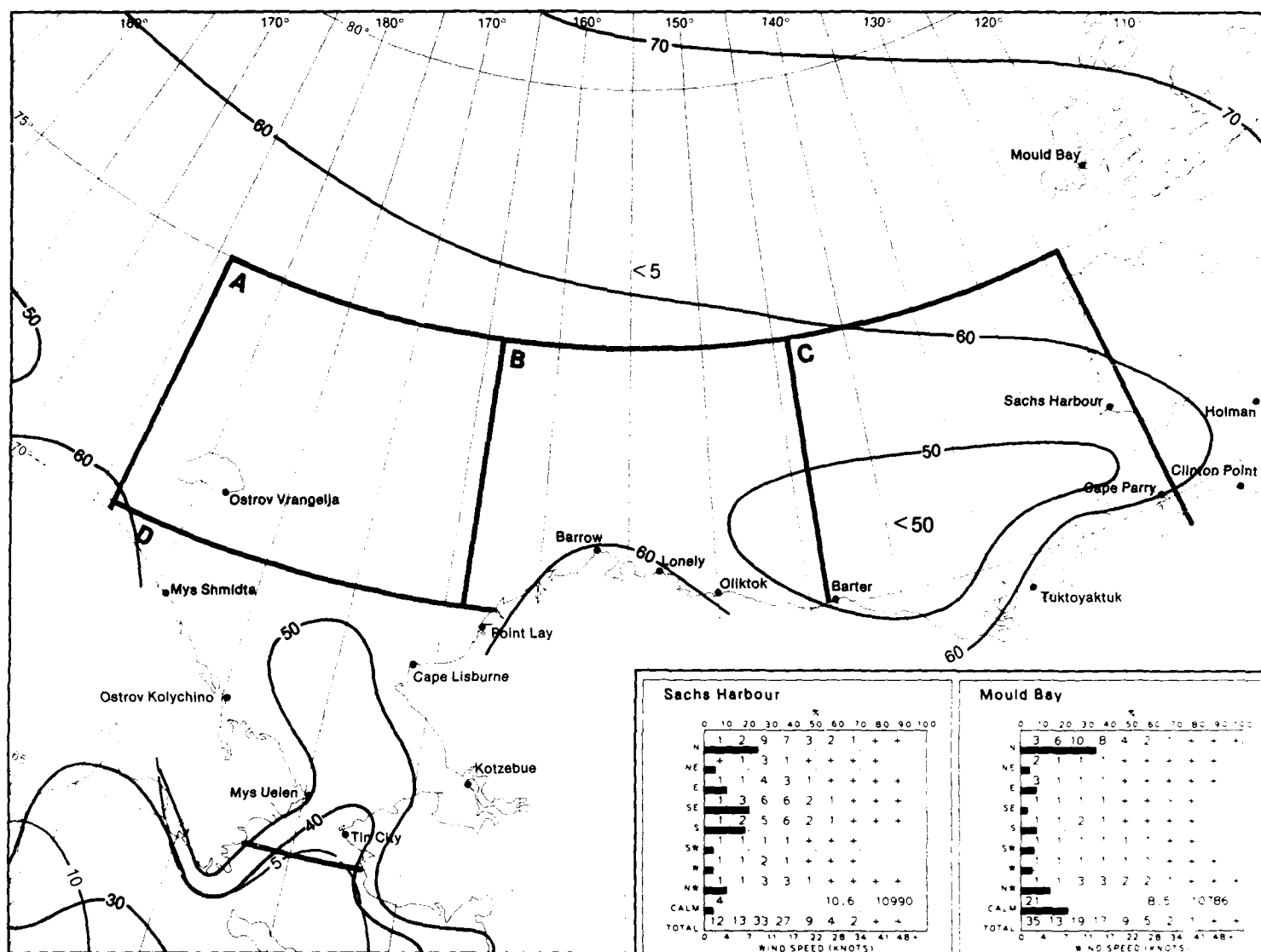
The scalar mean wind speed on the graph is based on the number of observations reporting a wind speed with direction. The sum of the TOTAL line provides the cumulative percent frequency of wind speed below a selected threshold value. In the legend graph, 71% of all winds were less than 17 knots (20 mph). The sum of the percent frequencies of the four wind speed isopleths for a given month and location on Map Sets 11 and 12 should equal 100%.

Surface wind is one of the most commonly observed elements. Many of the observations from the NCDC data base are visual observations based on the roughness of the sea (see table in text of Set 14). In recent years, more ships acquired anemometers and reported measured winds. Prior to 1963, many of the winds were recorded in the Beaufort scale; such estimates have proven to be quite reliable and can be used with a high degree of confidence.

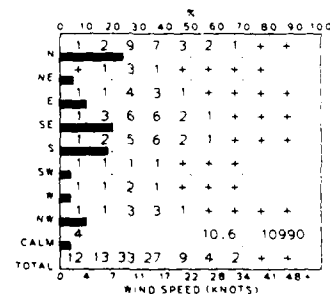


January

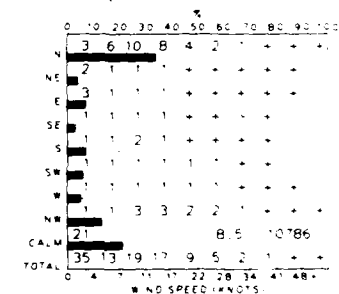
11 Wind Speed and Direction



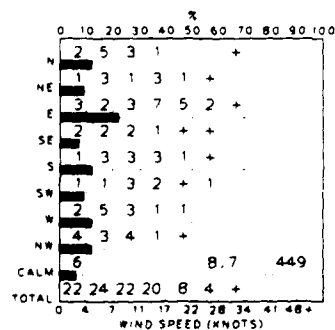
Sachs Harbour



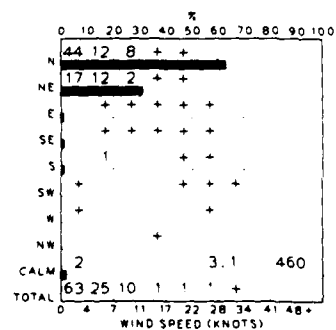
Mould Bay



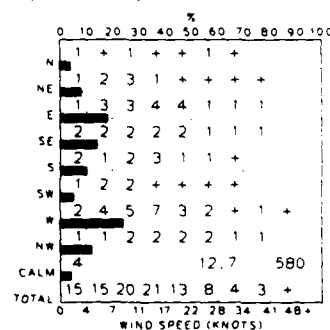
Marine Area A



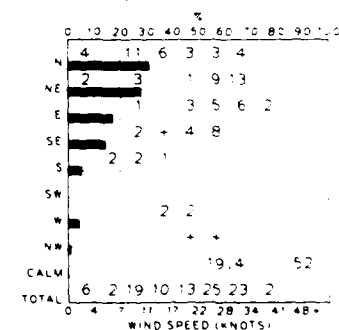
Marine Area B



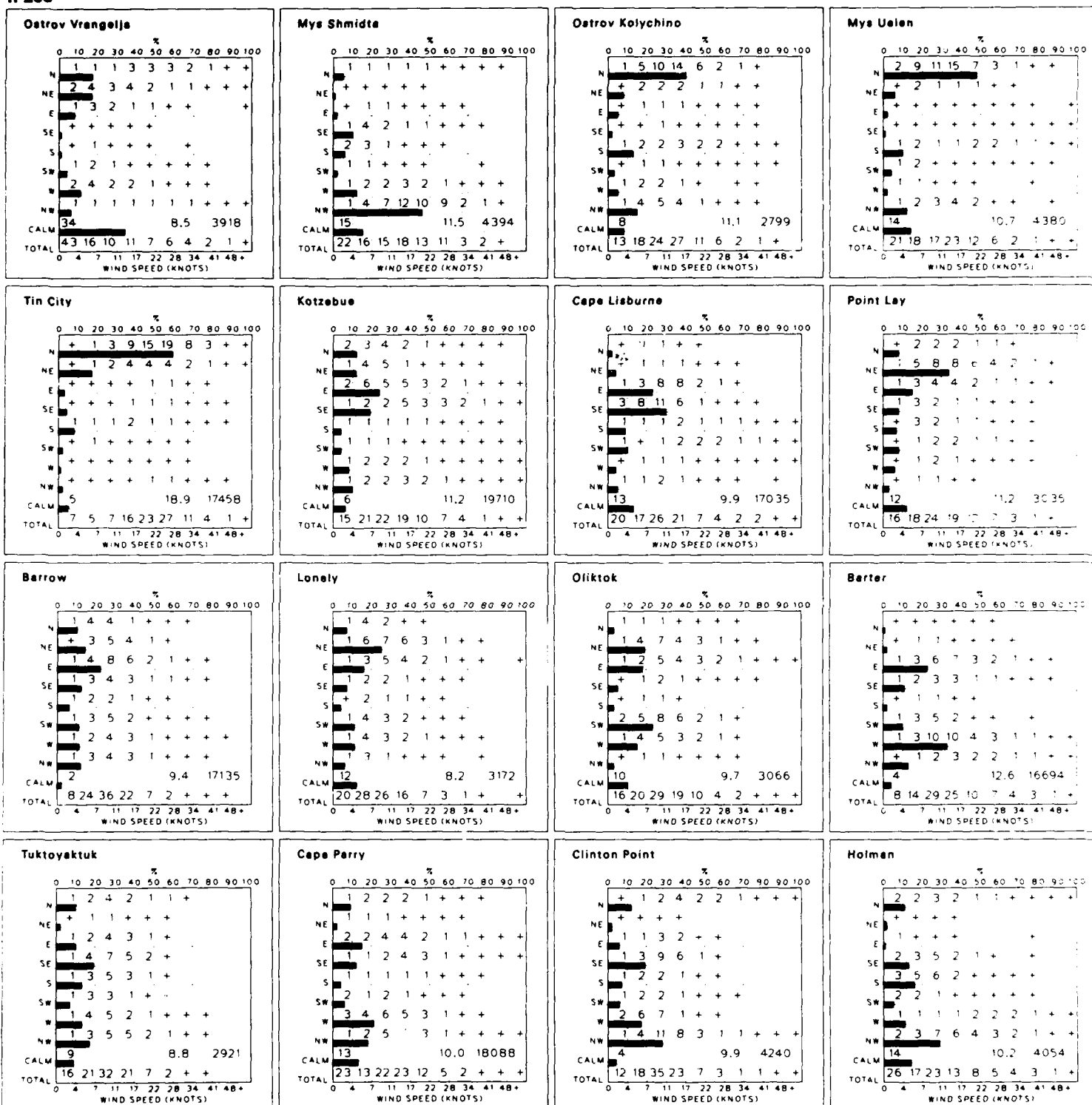
Marine Area C

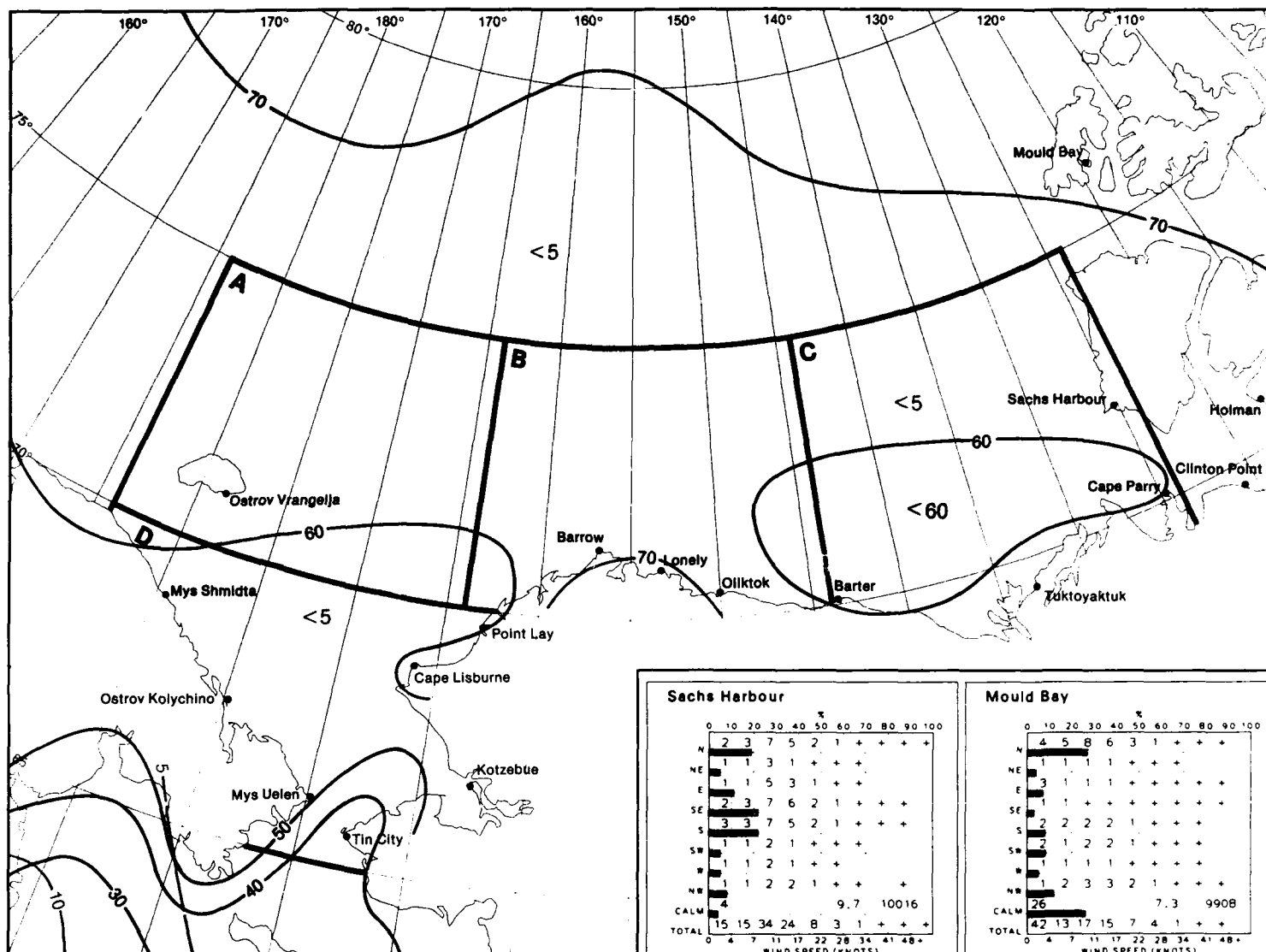


Marine Area D

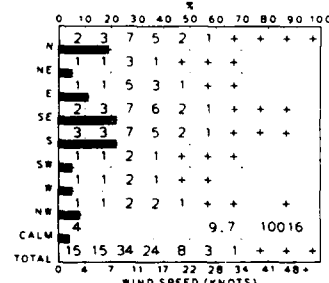
11 Wind Speed ≤ 10 and ≥ 34 Knots

January

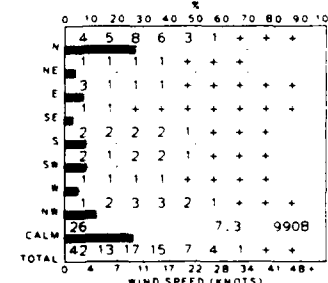




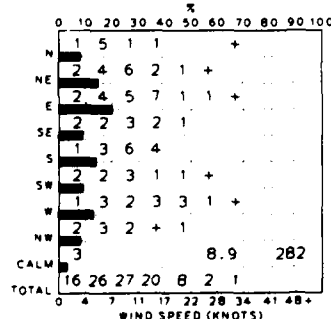
Sachs Harbour



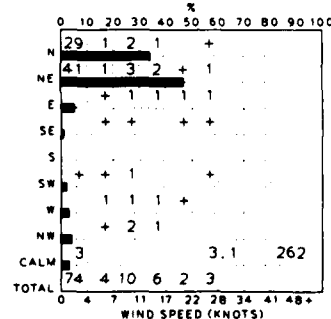
Mould Bay



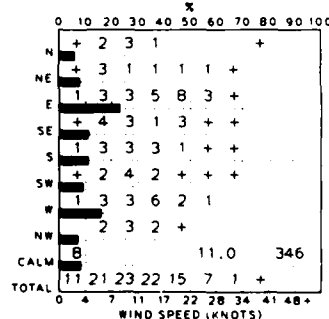
Marine Area A



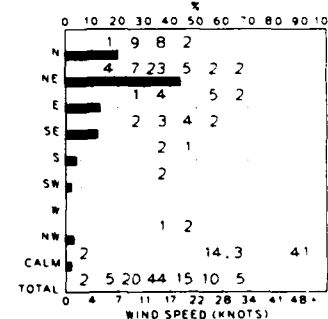
Marine Area B



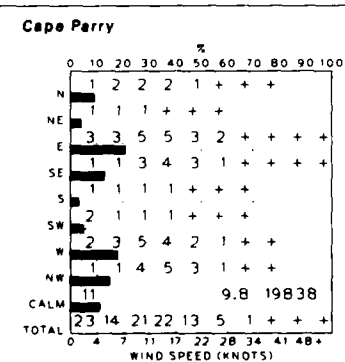
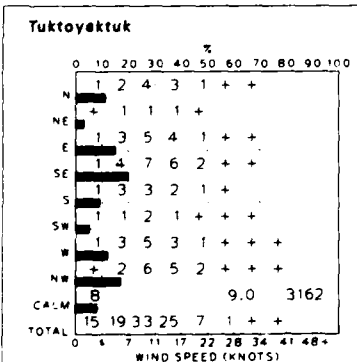
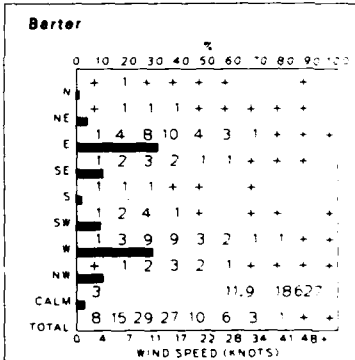
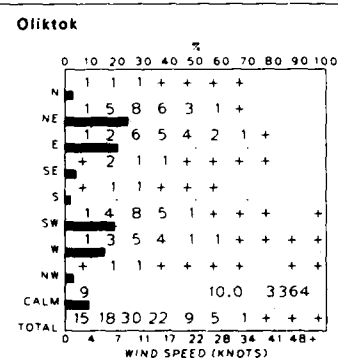
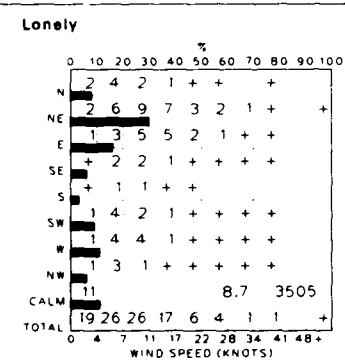
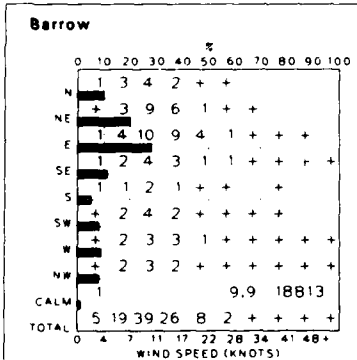
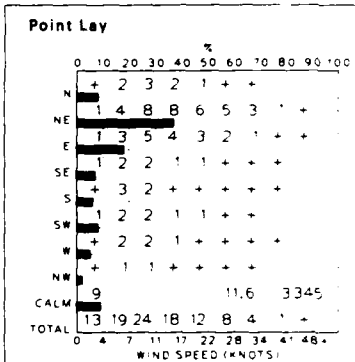
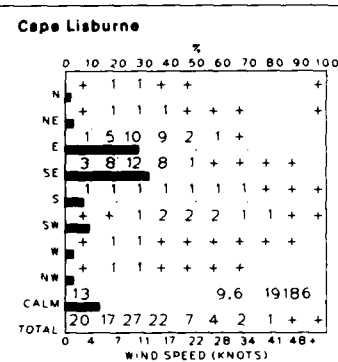
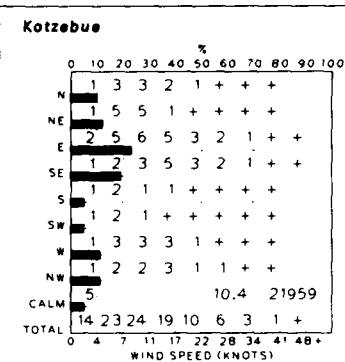
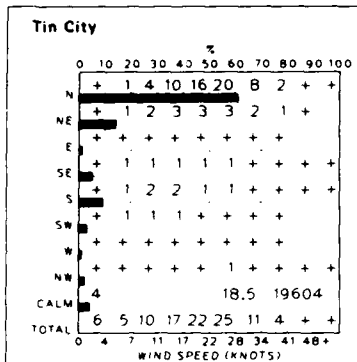
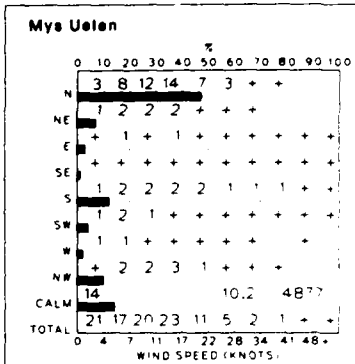
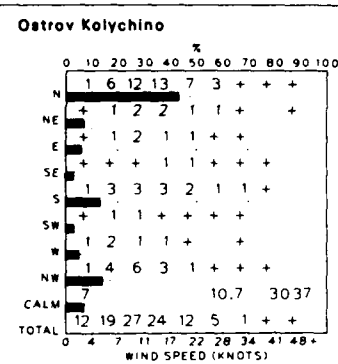
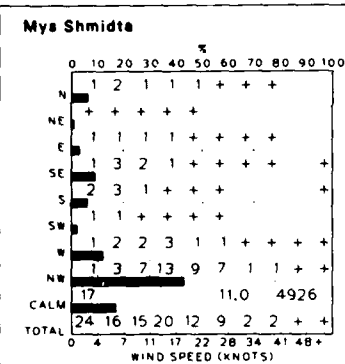
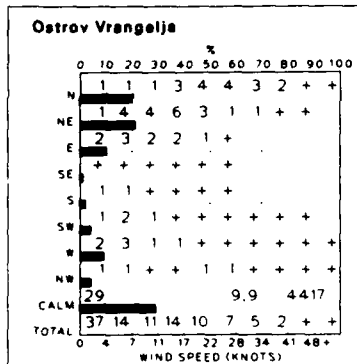
Marine Area C

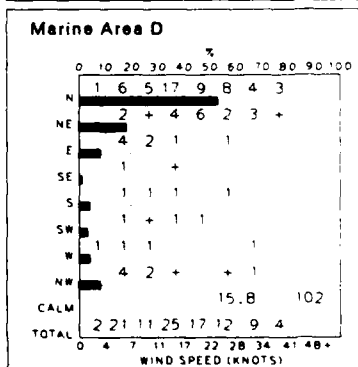
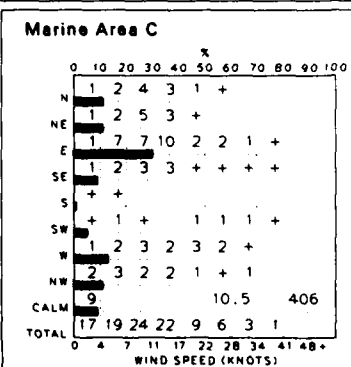
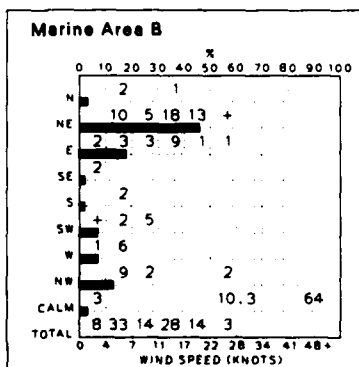
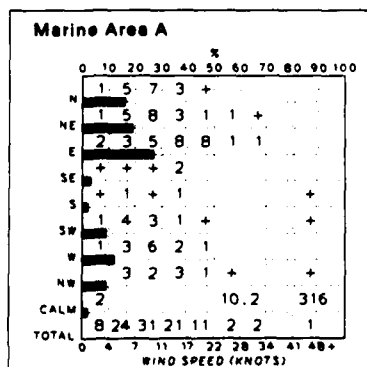
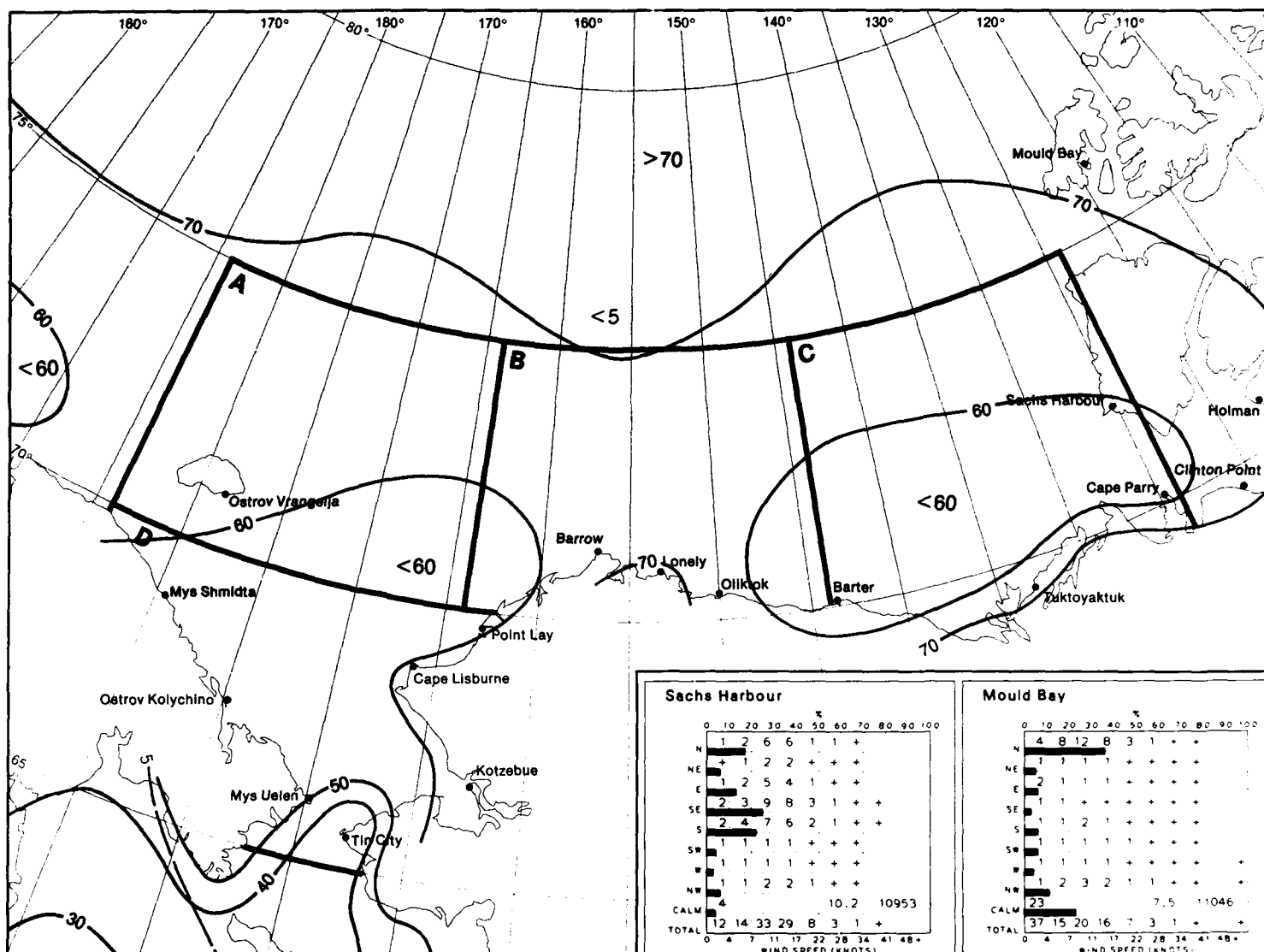


Marine Area D

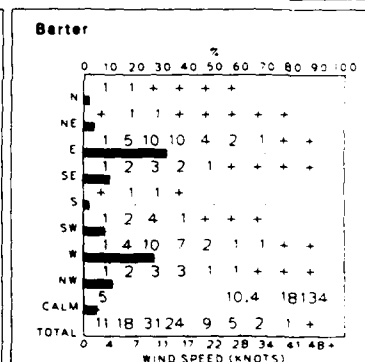
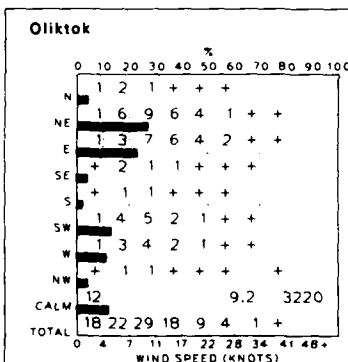
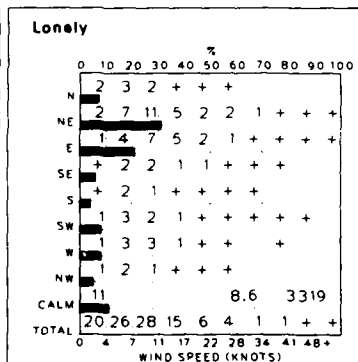
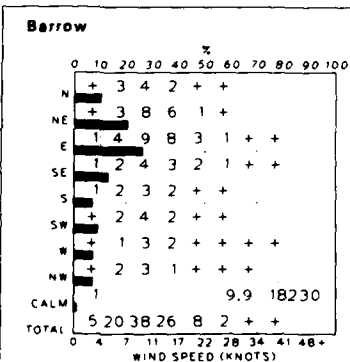
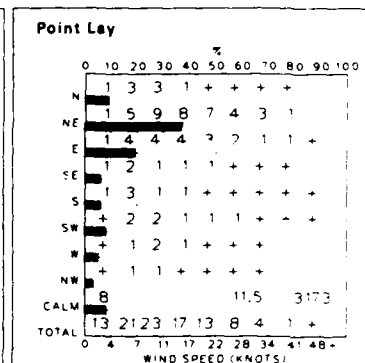
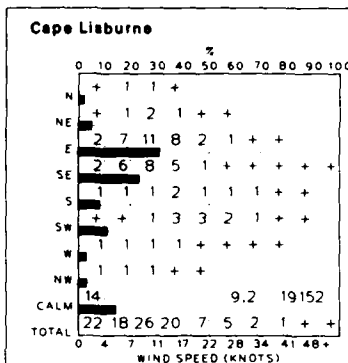
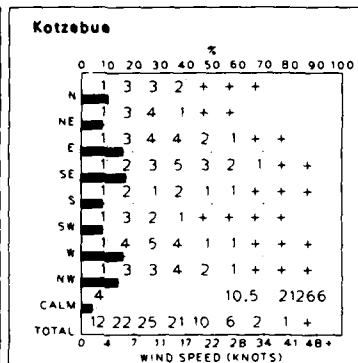
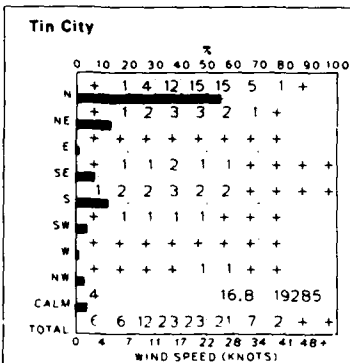
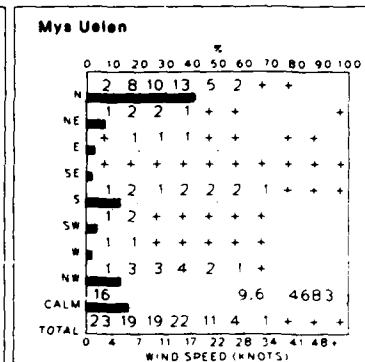
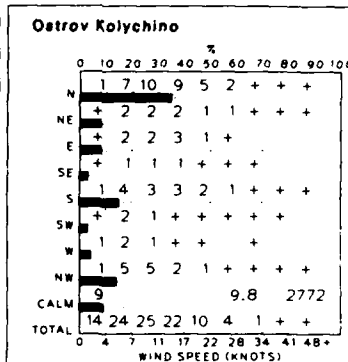
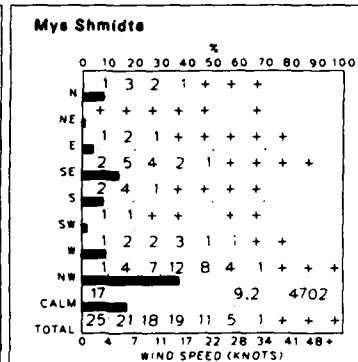
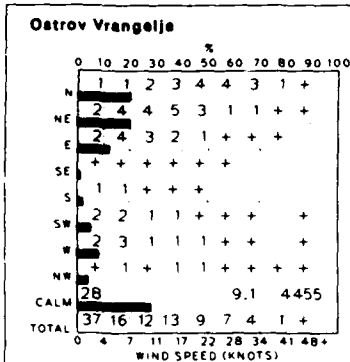

11 Wind Speed ≤ 10 and ≥ 34 Knots

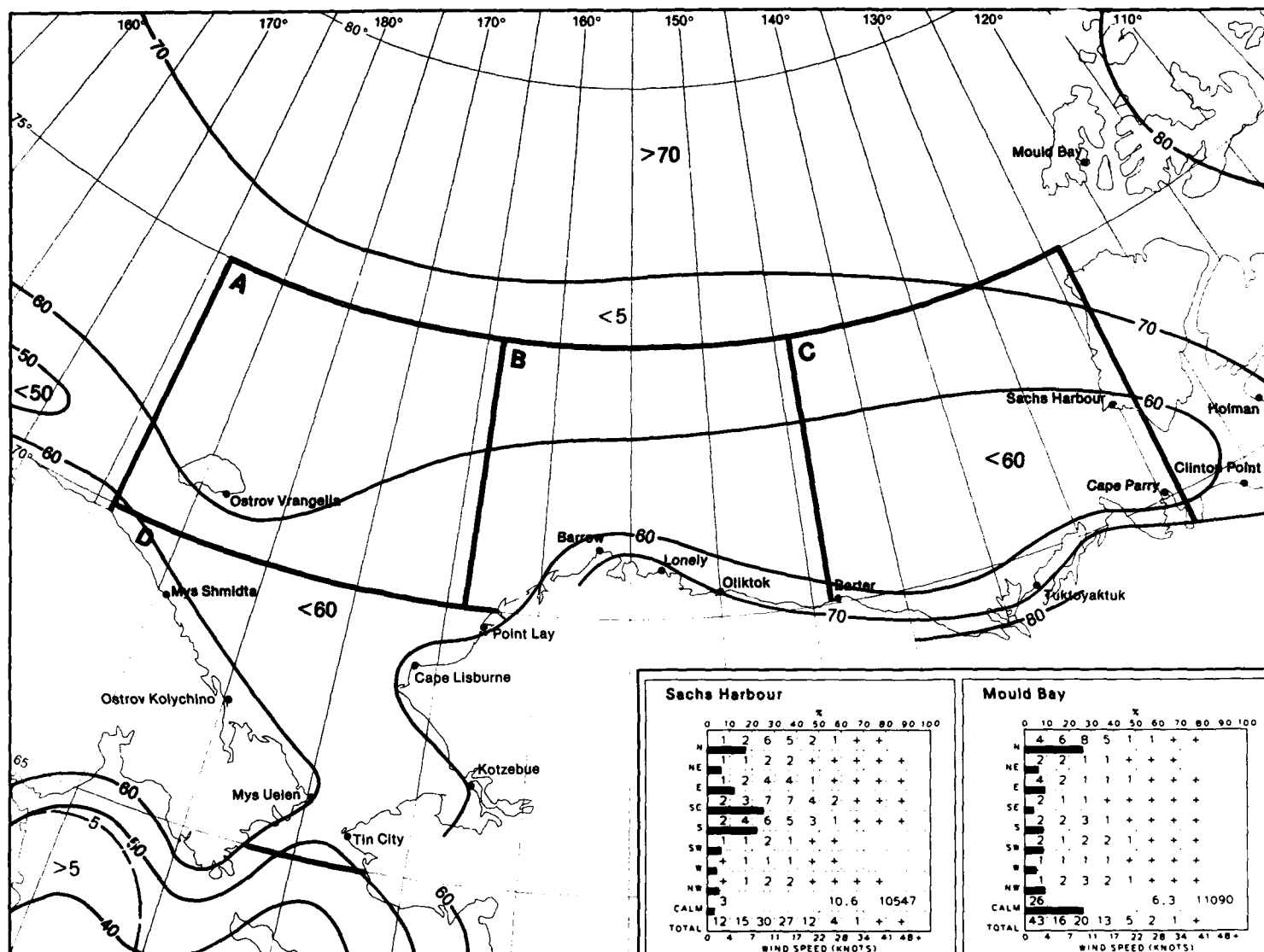
February



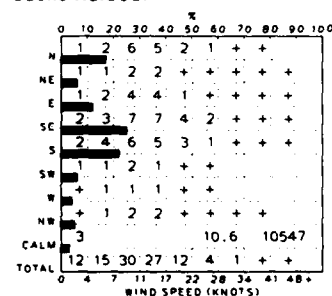

11 Wind Speed ≤ 10 and ≥ 34 Knots

March

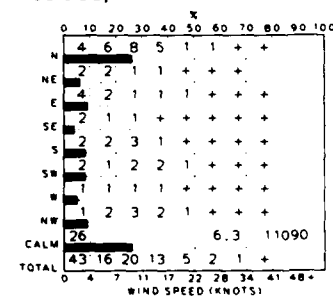




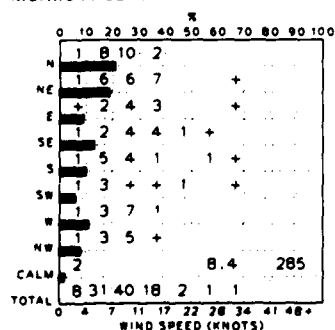
Sachs Harbour



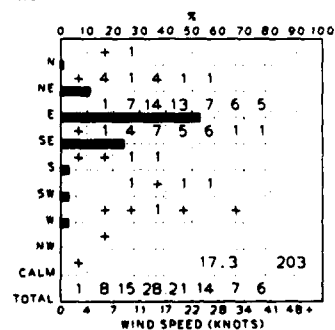
Mould Bay



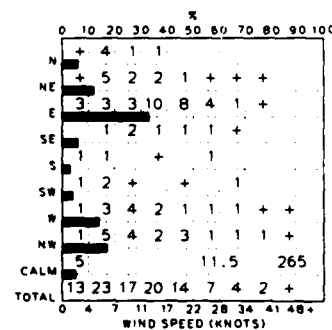
Marine Area A



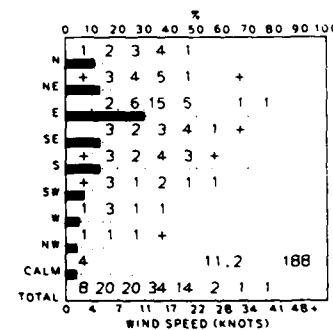
Marine Area B



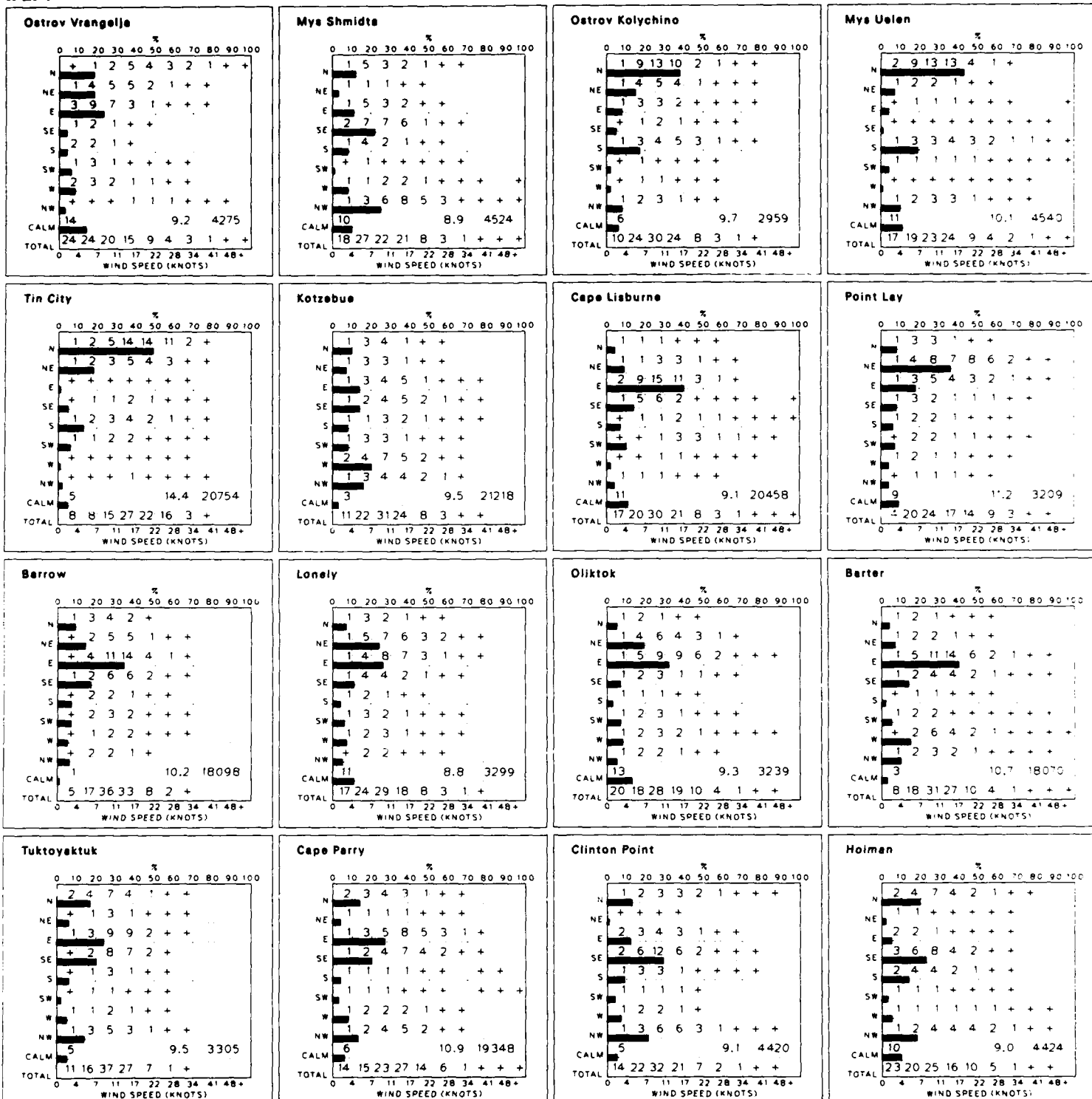
Marine Area C



Marine Area D

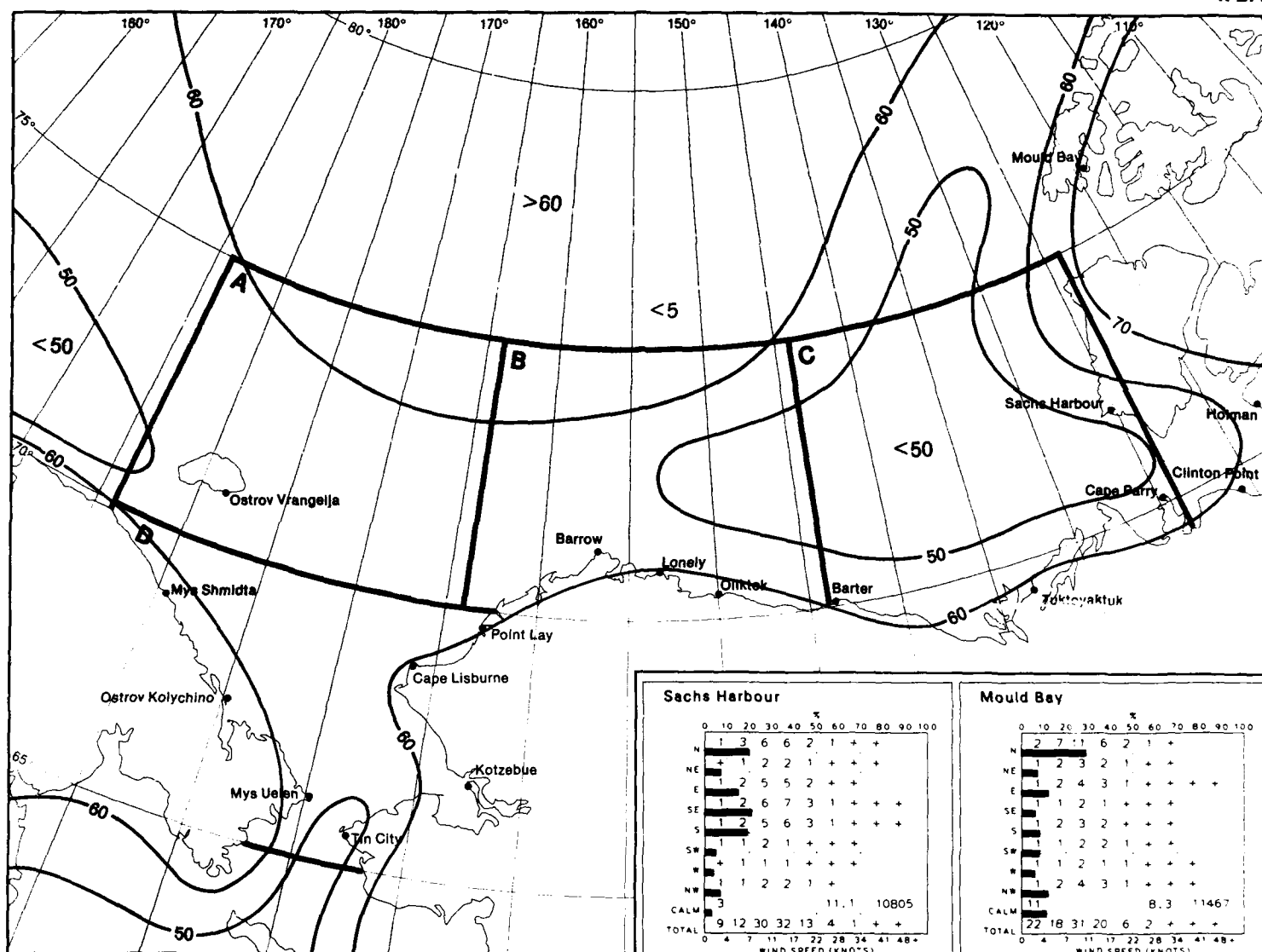
11 Wind Speed ≤ 10 and ≥ 34 Knots

April

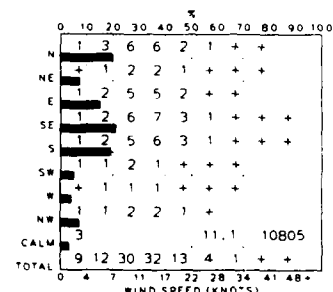


May

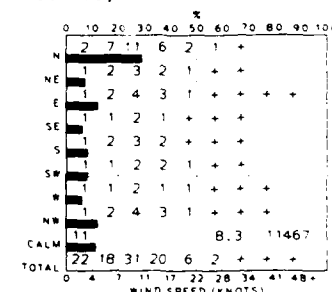
11 Wind Speed and Direction



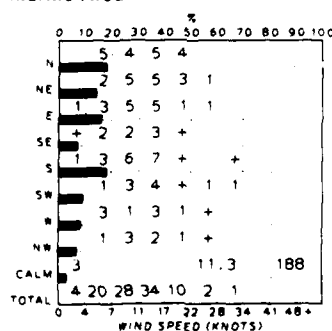
Sachs Harbour



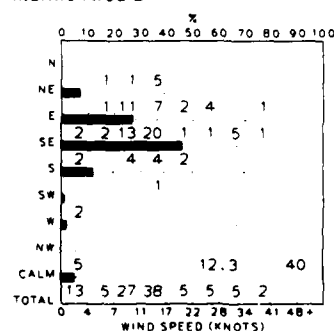
Mould Bay



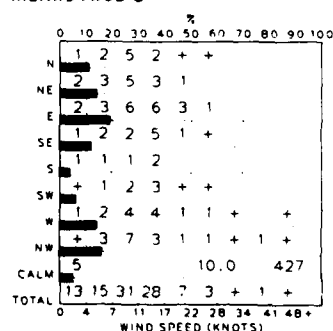
Marine Area A



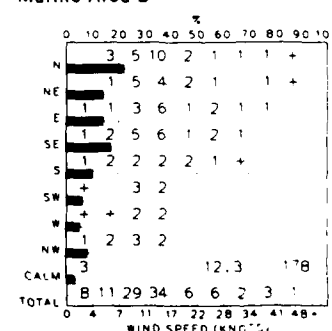
Marine Area B



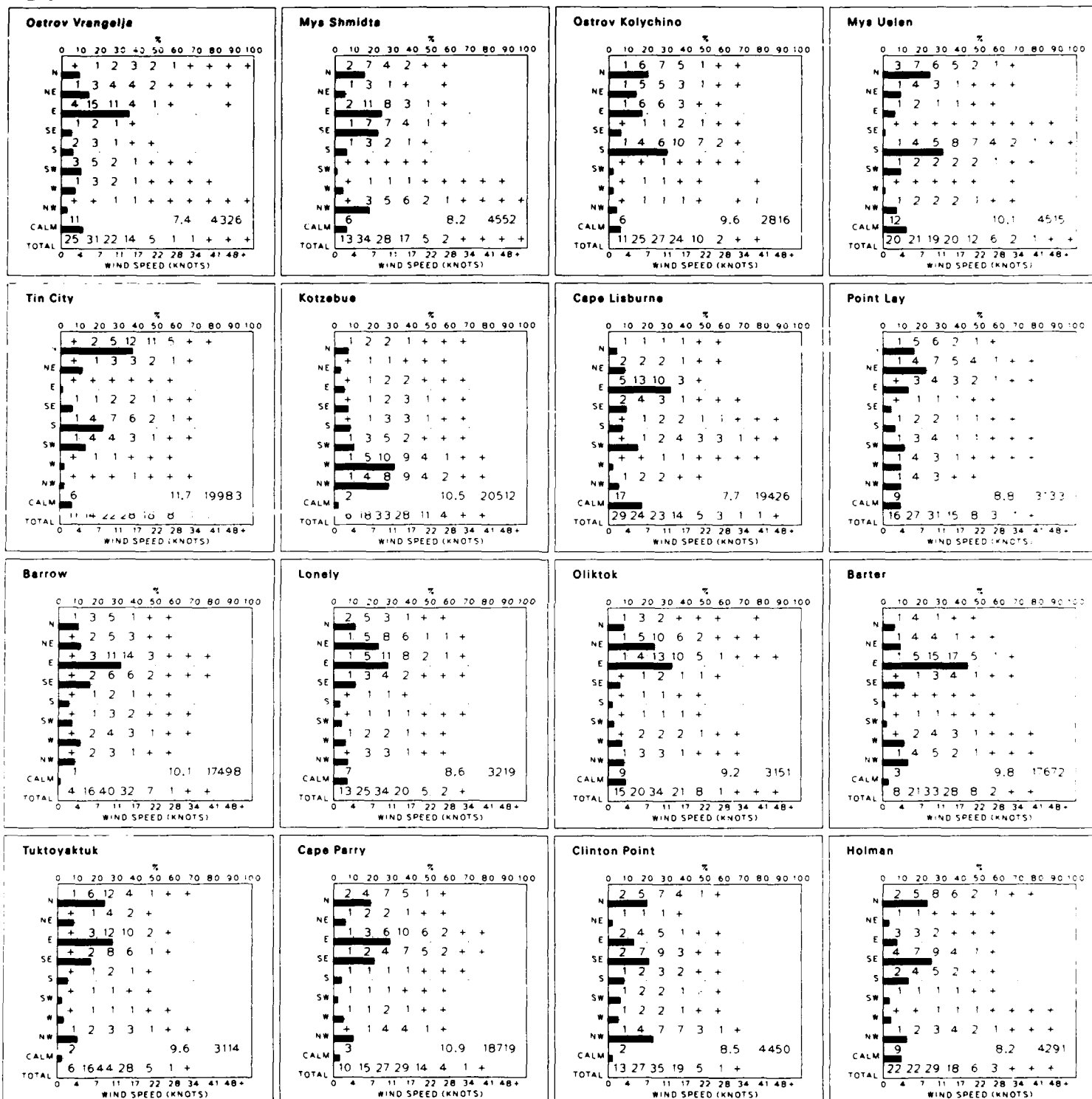
Marine Area C



Marine Area D

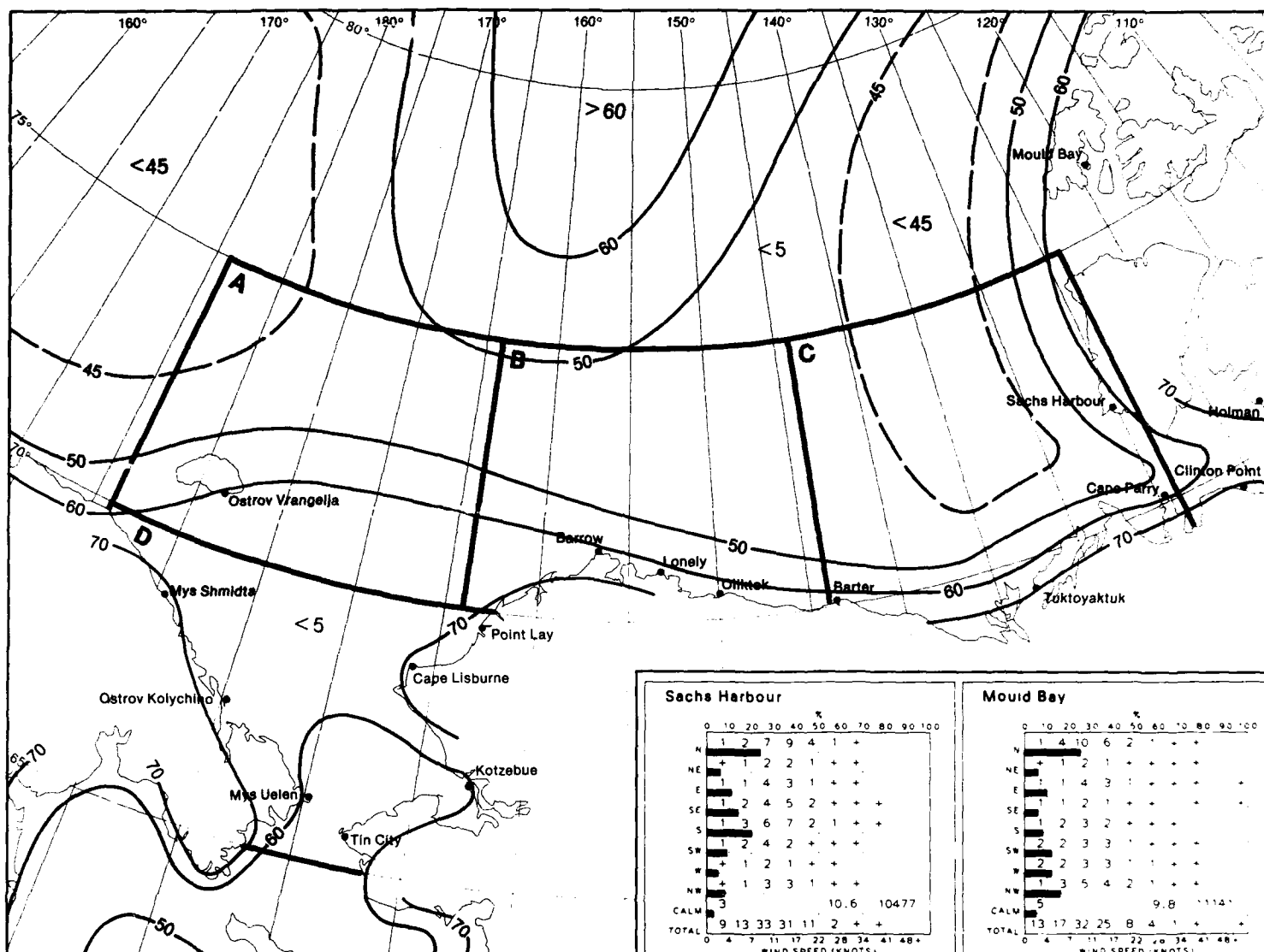

11 Wind Speed ≤ 10 and ≥ 34 Knots

May

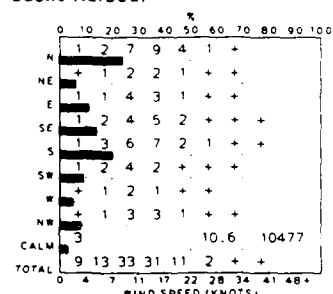


June

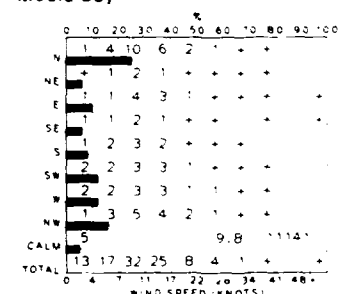
11 Wind Speed and Direction



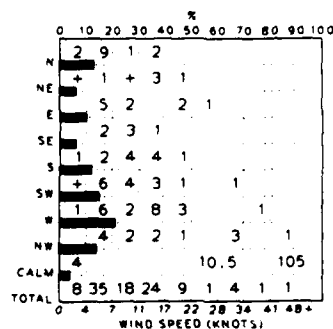
Sachs Harbour



Mould Bay



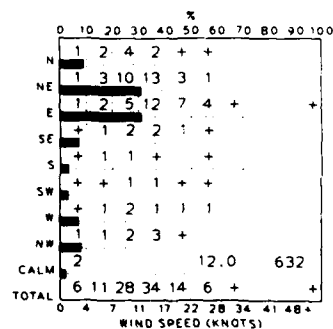
Marine Area A



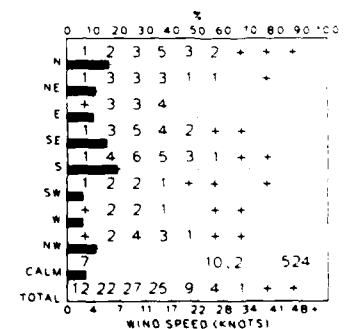
Marine Area B

No Data Available

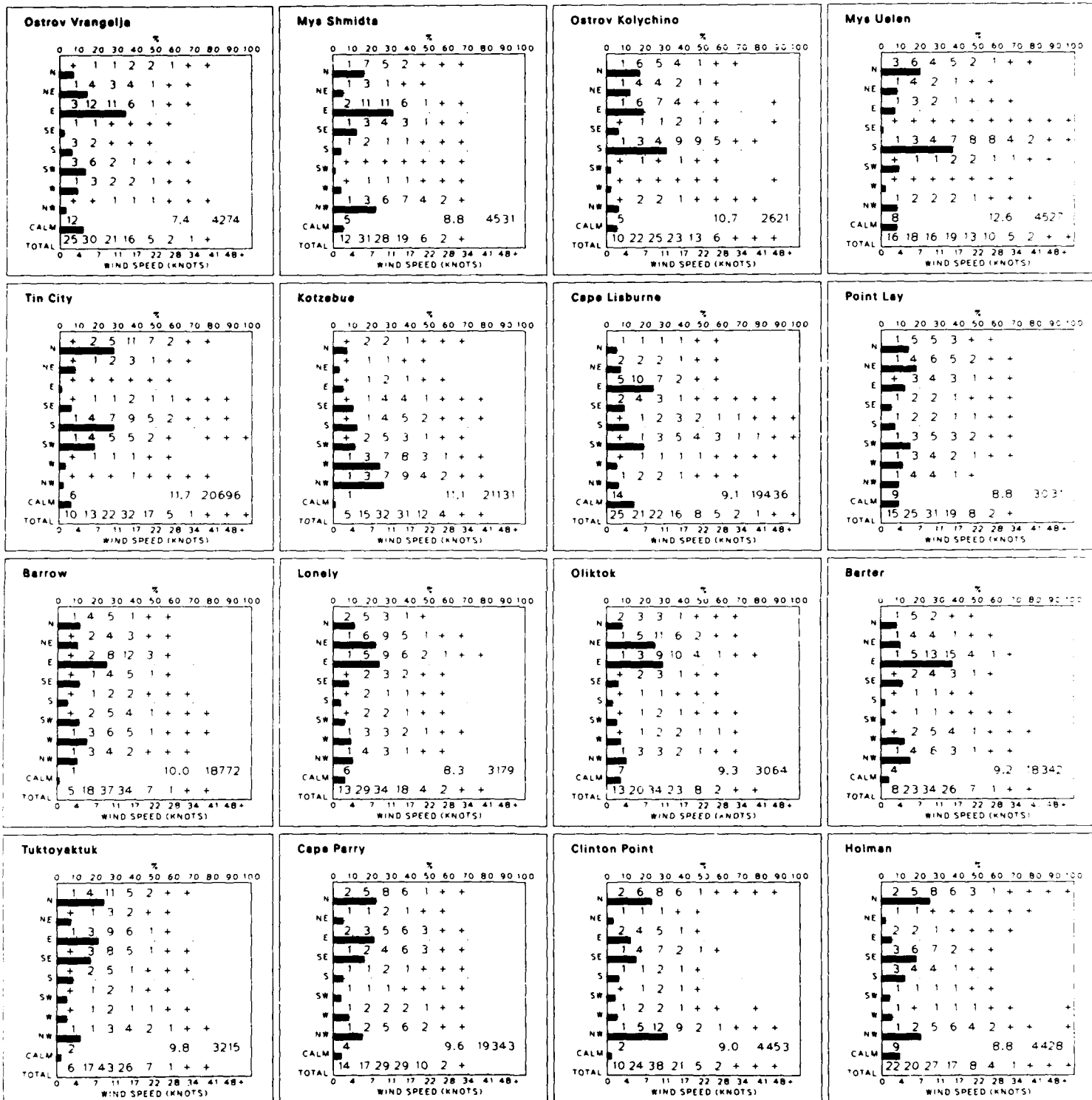
Marine Area C

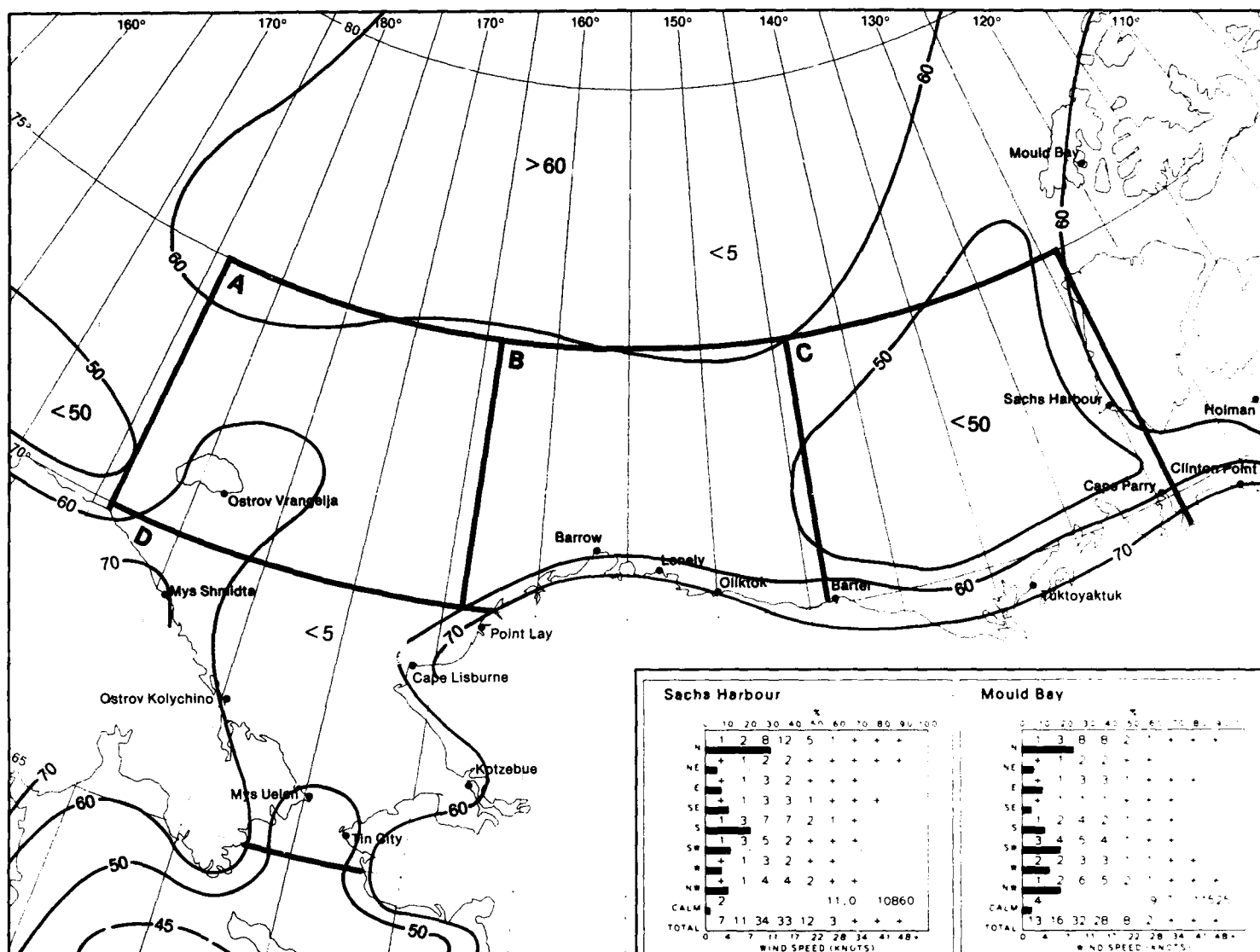


Marine Area D

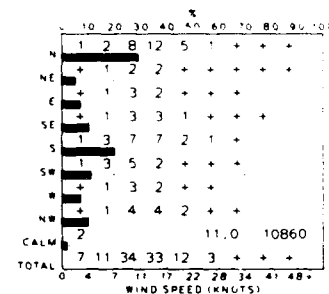

11 Wind Speed ≤ 10 and ≥ 34 Knots

June

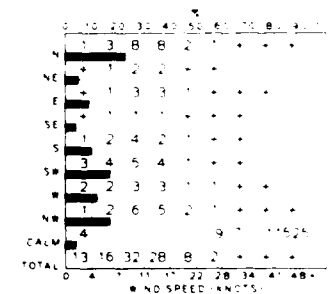




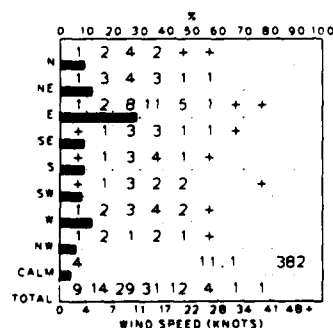
Sachs Harbour



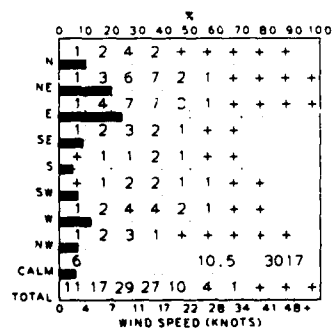
Mould Bay



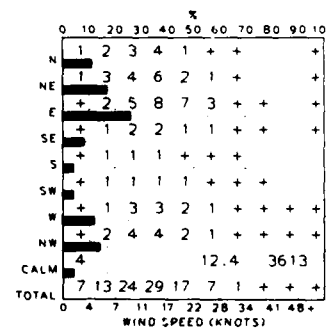
Marine Area A



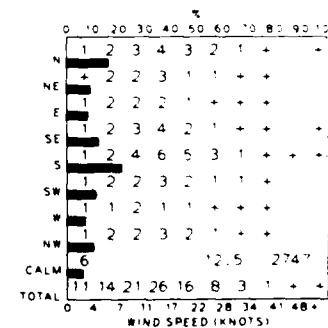
Marine Area B



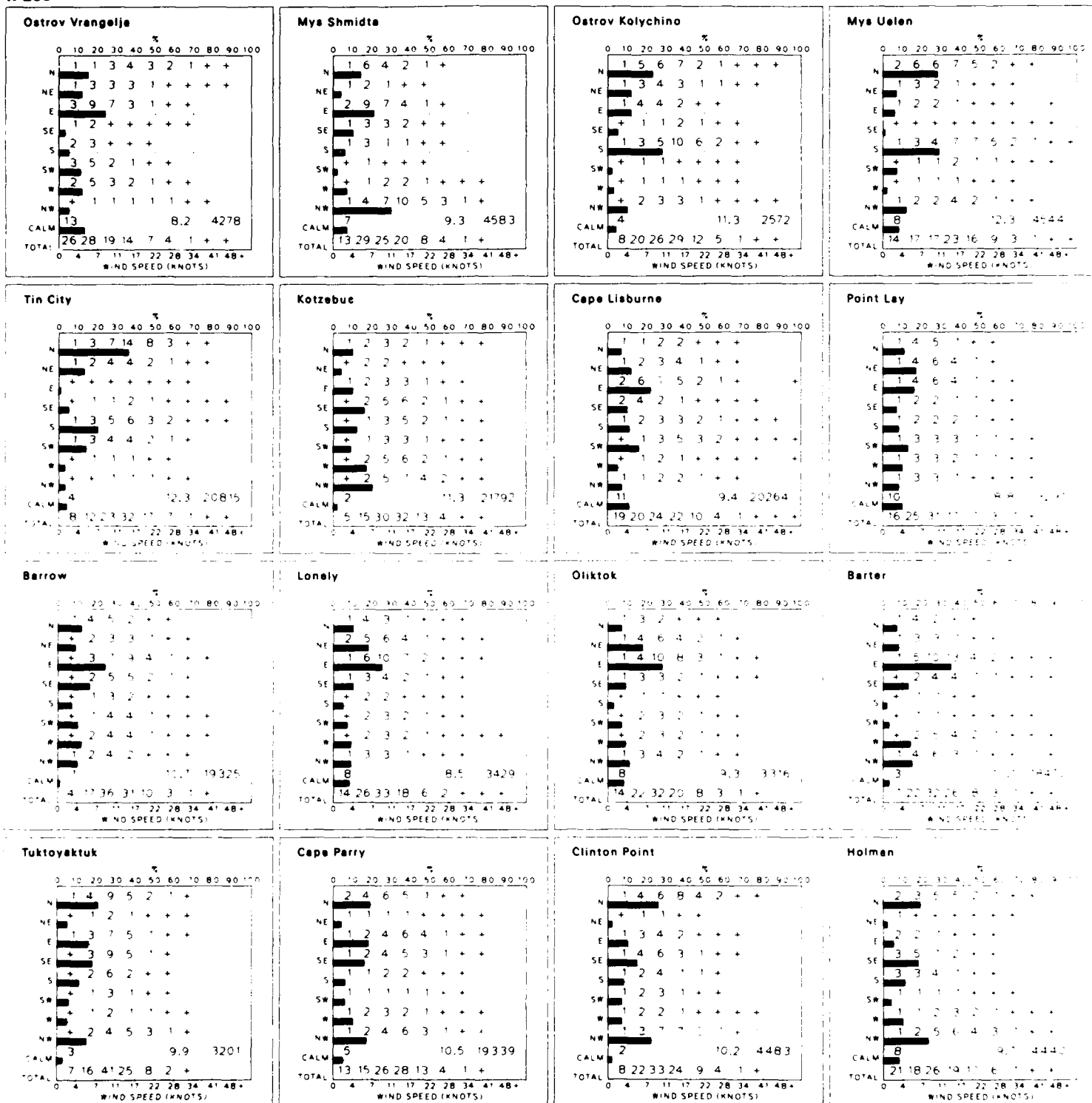
Marine Area C



Marine Area D

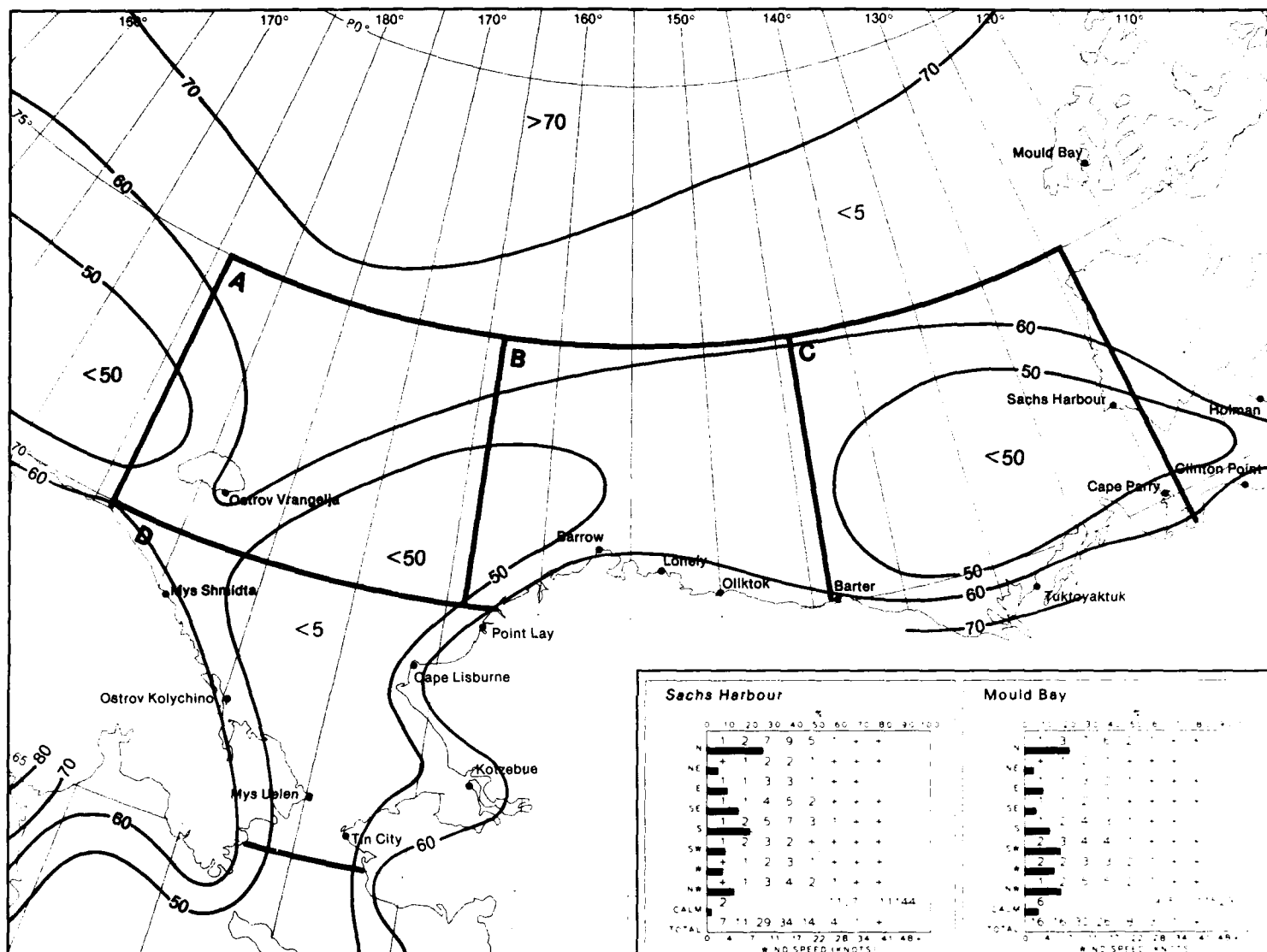
11 Wind Speed ≤ 10 and ≥ 34 Knots

July

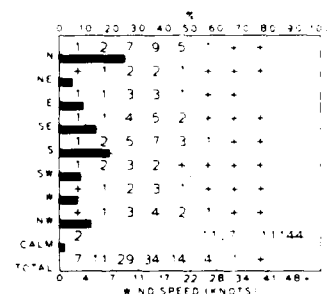


August

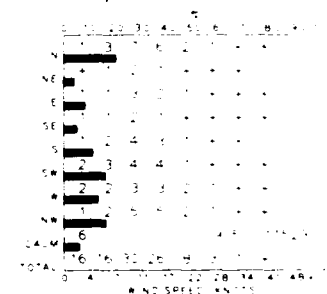
11 Wind Speed and Direction



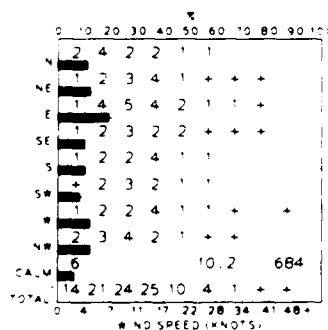
Sachs Harbour



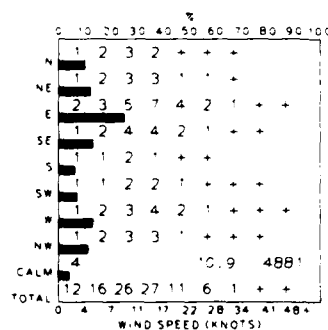
Mould Bay



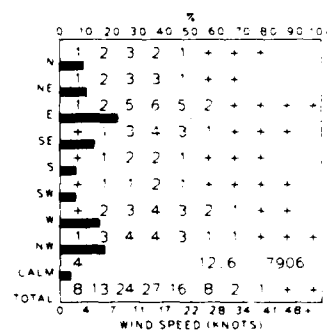
Marine Area A



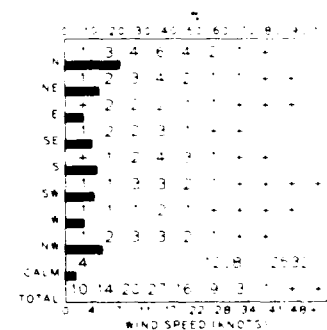
Marine Area B



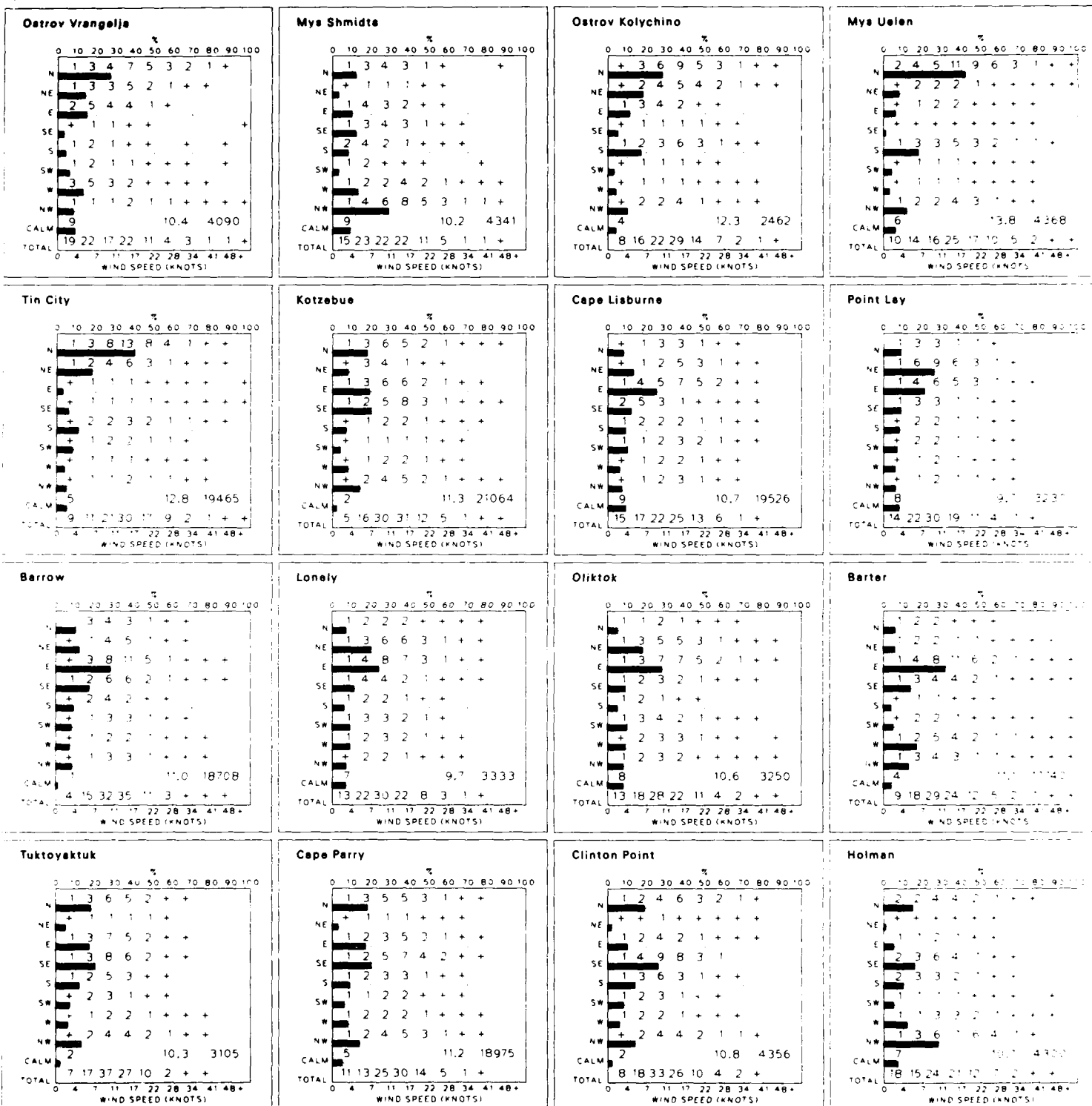
Marine Area C



Marine Area D

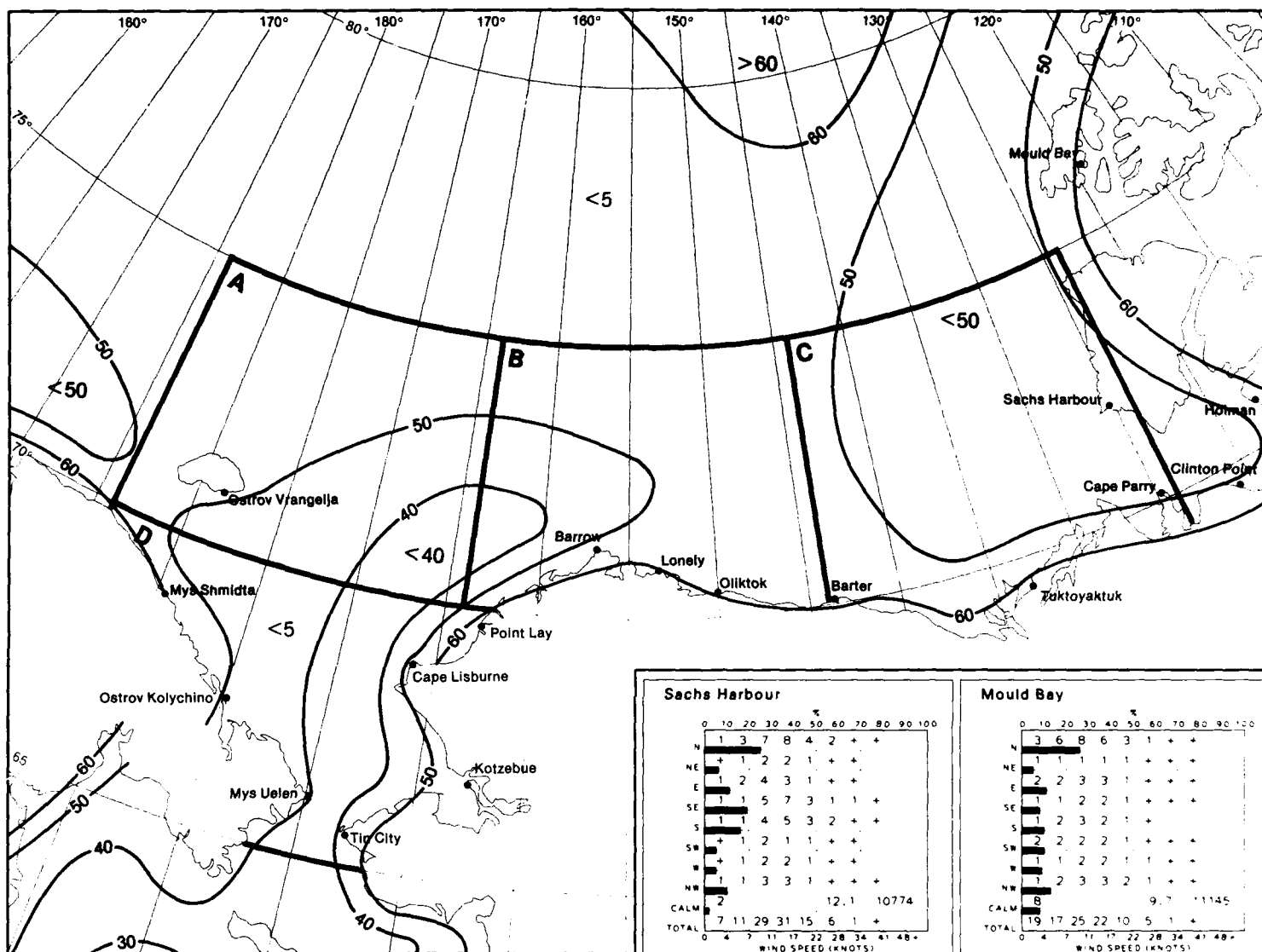

11 Wind Speed ≤ 10 and ≥ 34 Knots

August

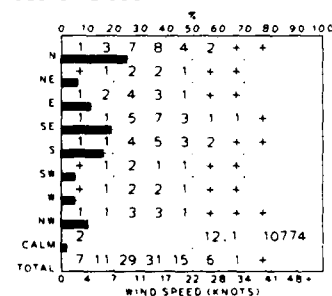


September

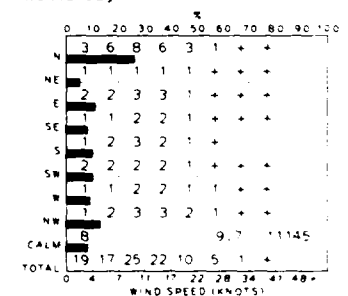
11 Wind Speed and Direction



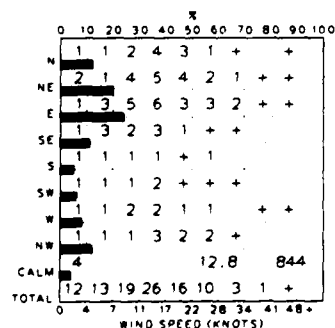
Sachs Harbour



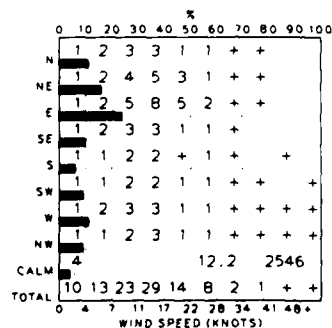
Mould Bay



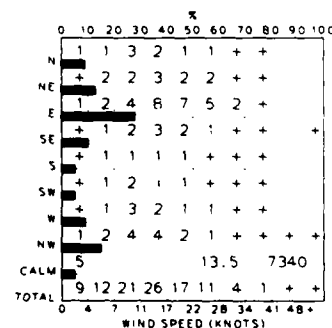
Marine Area A



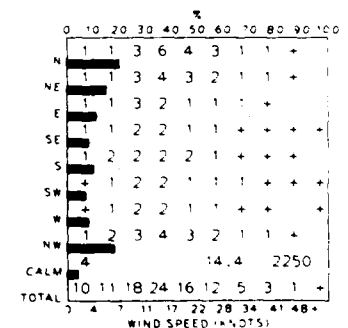
Marine Area B



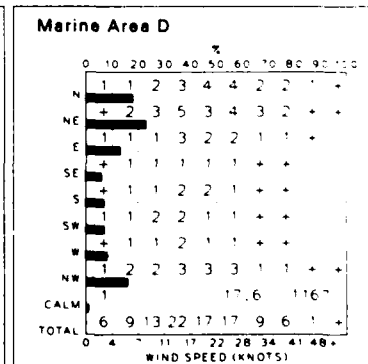
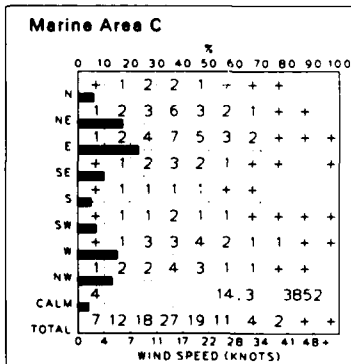
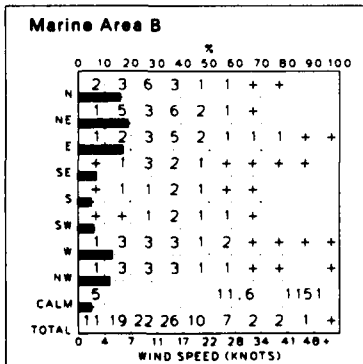
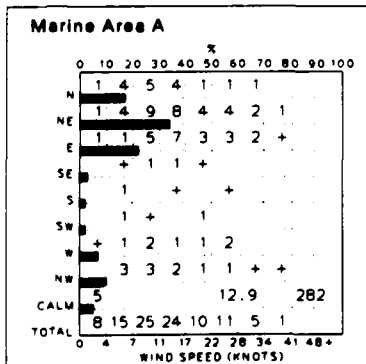
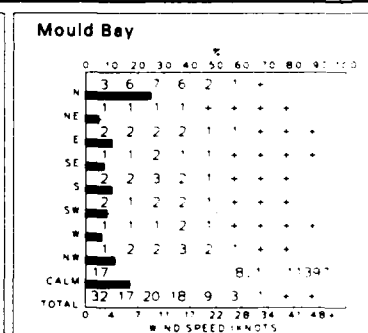
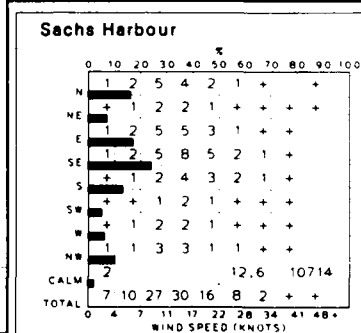
Marine Area C



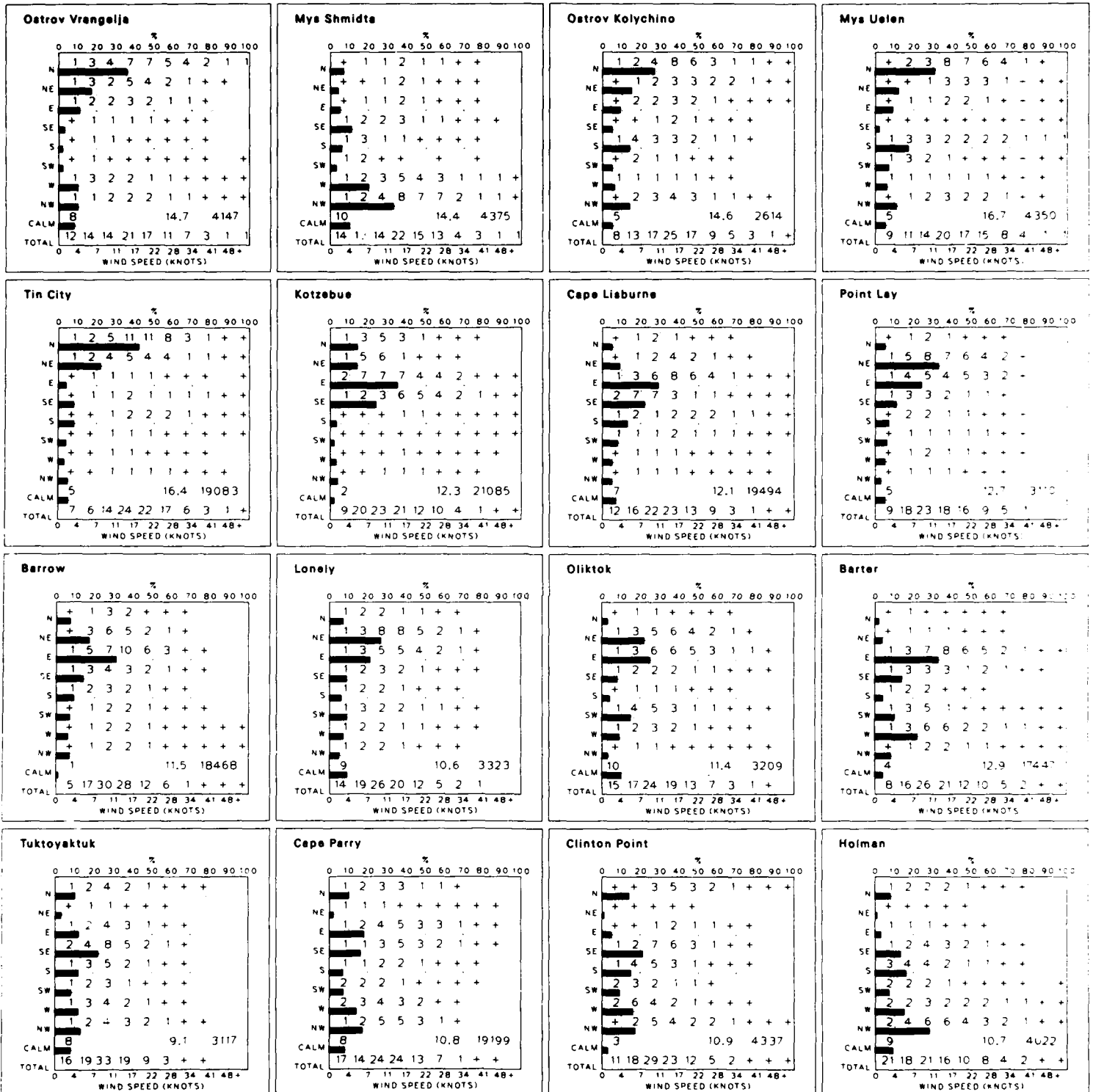
Marine Area D

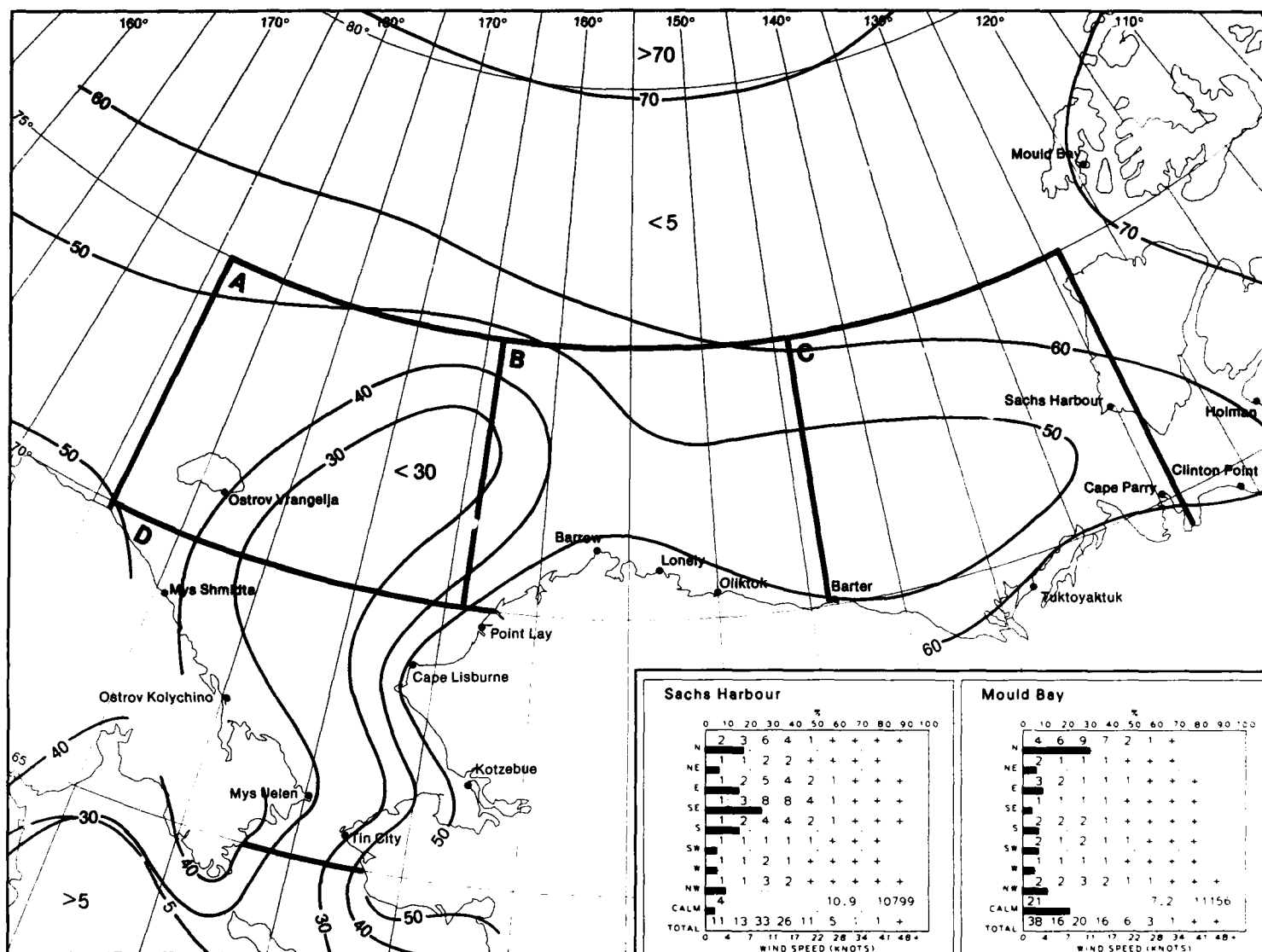

11 Wind Speed ≤ 10 and ≥ 34 Knots

September

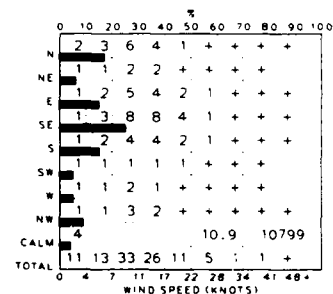


October

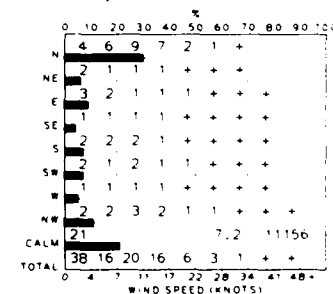




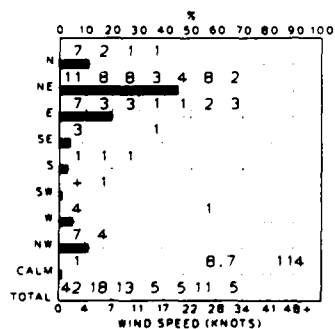
Sachs Harbour



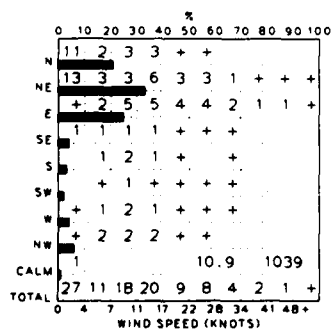
Mould Bay



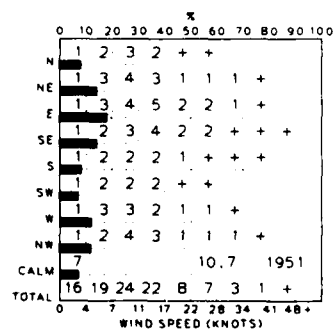
Marine Area A



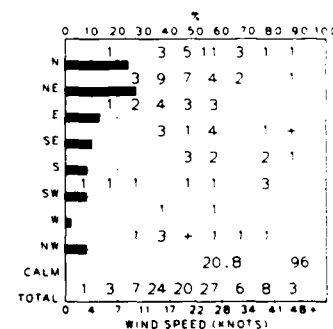
Marine Area B



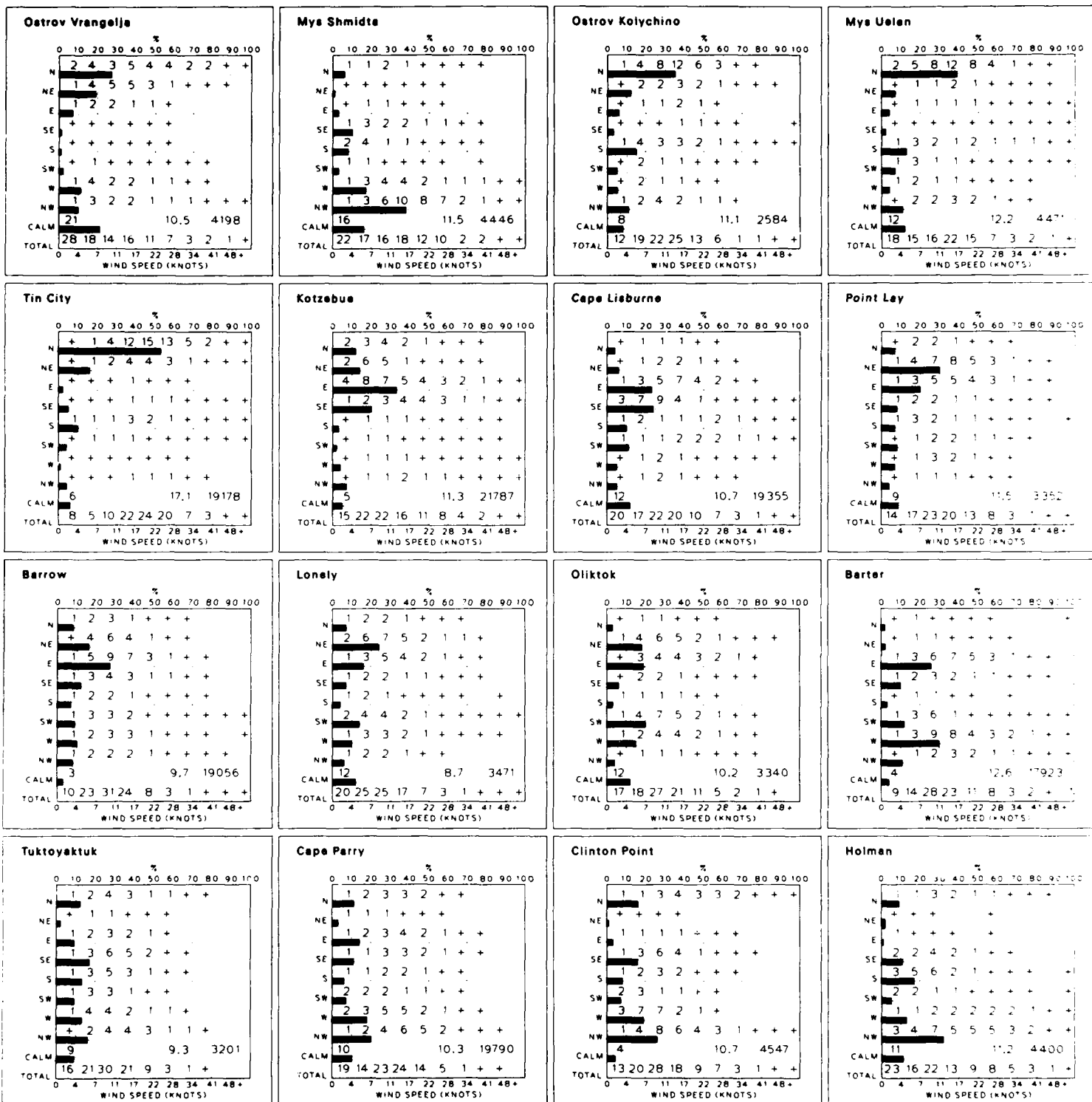
Marine Area C

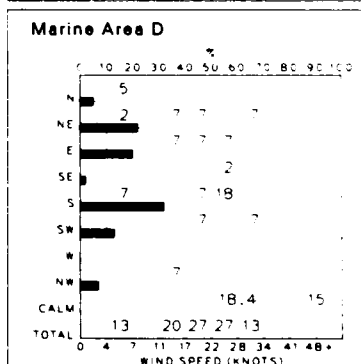
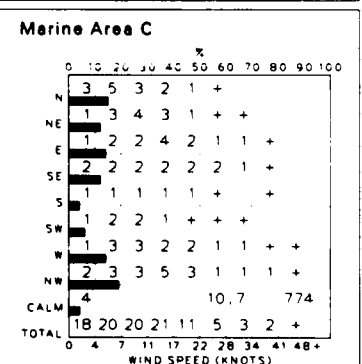
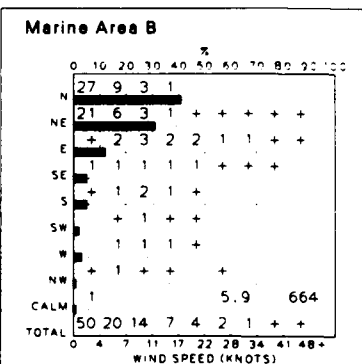
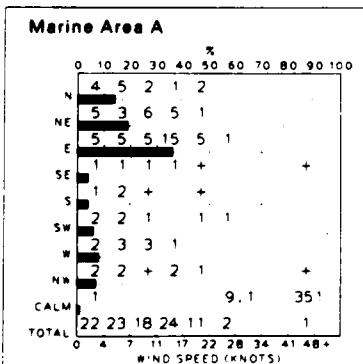
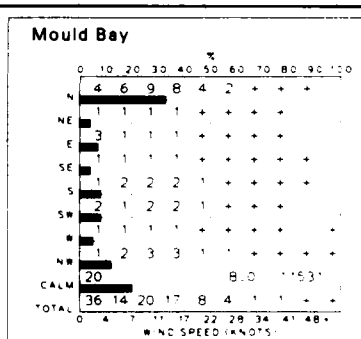
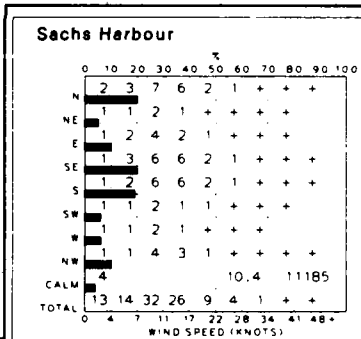
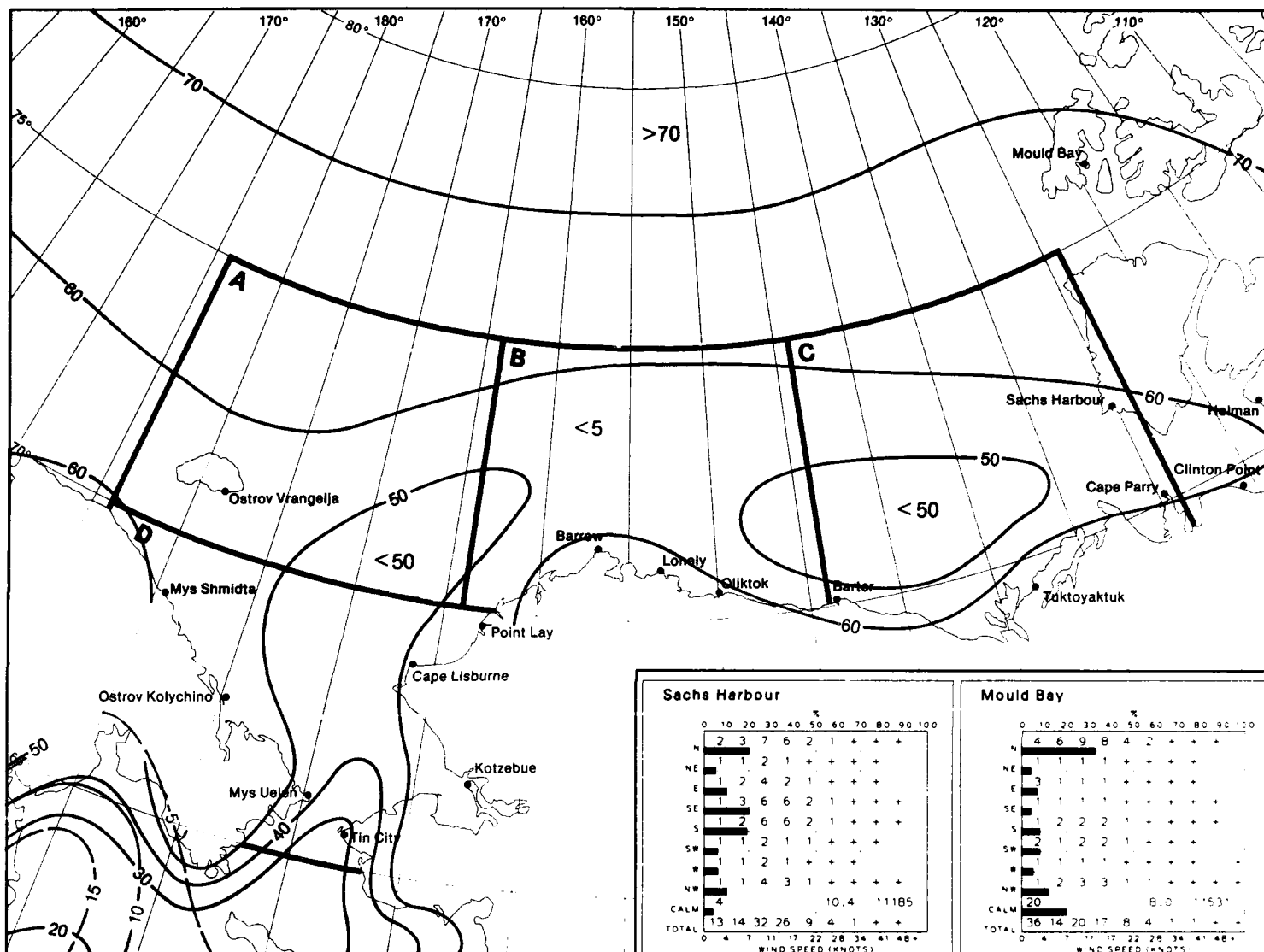


Marine Area D

11 Wind Speed ≤ 10 and ≥ 34 Knots

November





11 Wind Speed ≤ 10 and ≥ 34 Knots

December

II-290

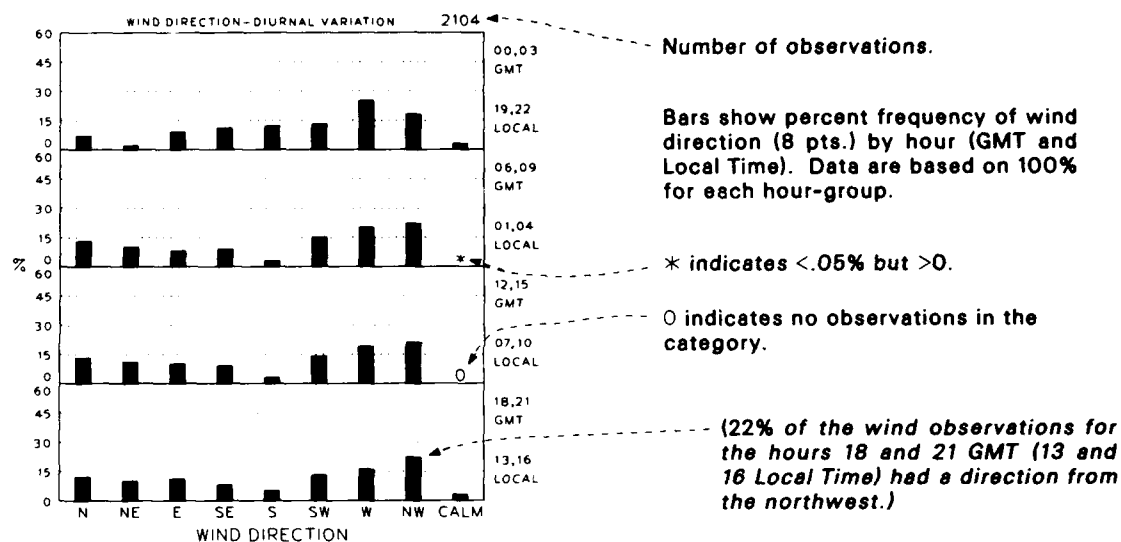
Map 12. Wind speed 11-21 and 22-33 knots

BLACK LINE – Percent frequency of wind speed 11–21 knots.

BLUE LINE – Percent frequency of wind speed 22–33 knots.

Albers Equal-Area Conic Projection

Graphs: Wind direction/diurnal variation

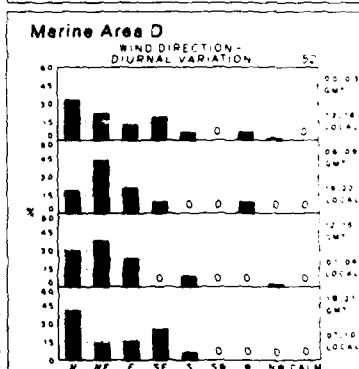
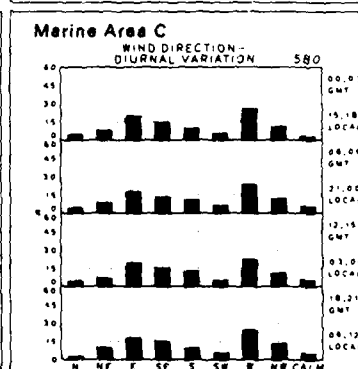
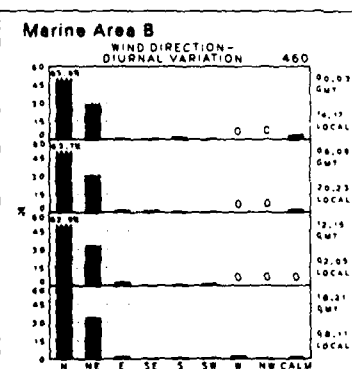
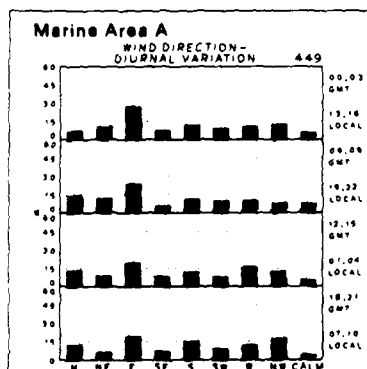
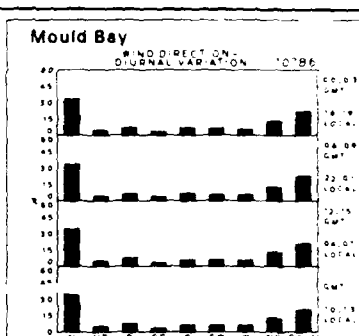
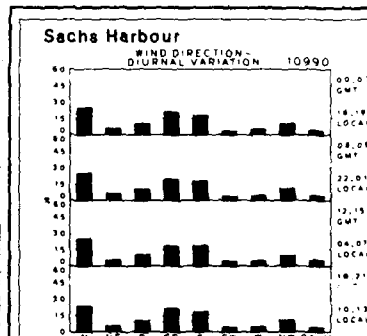
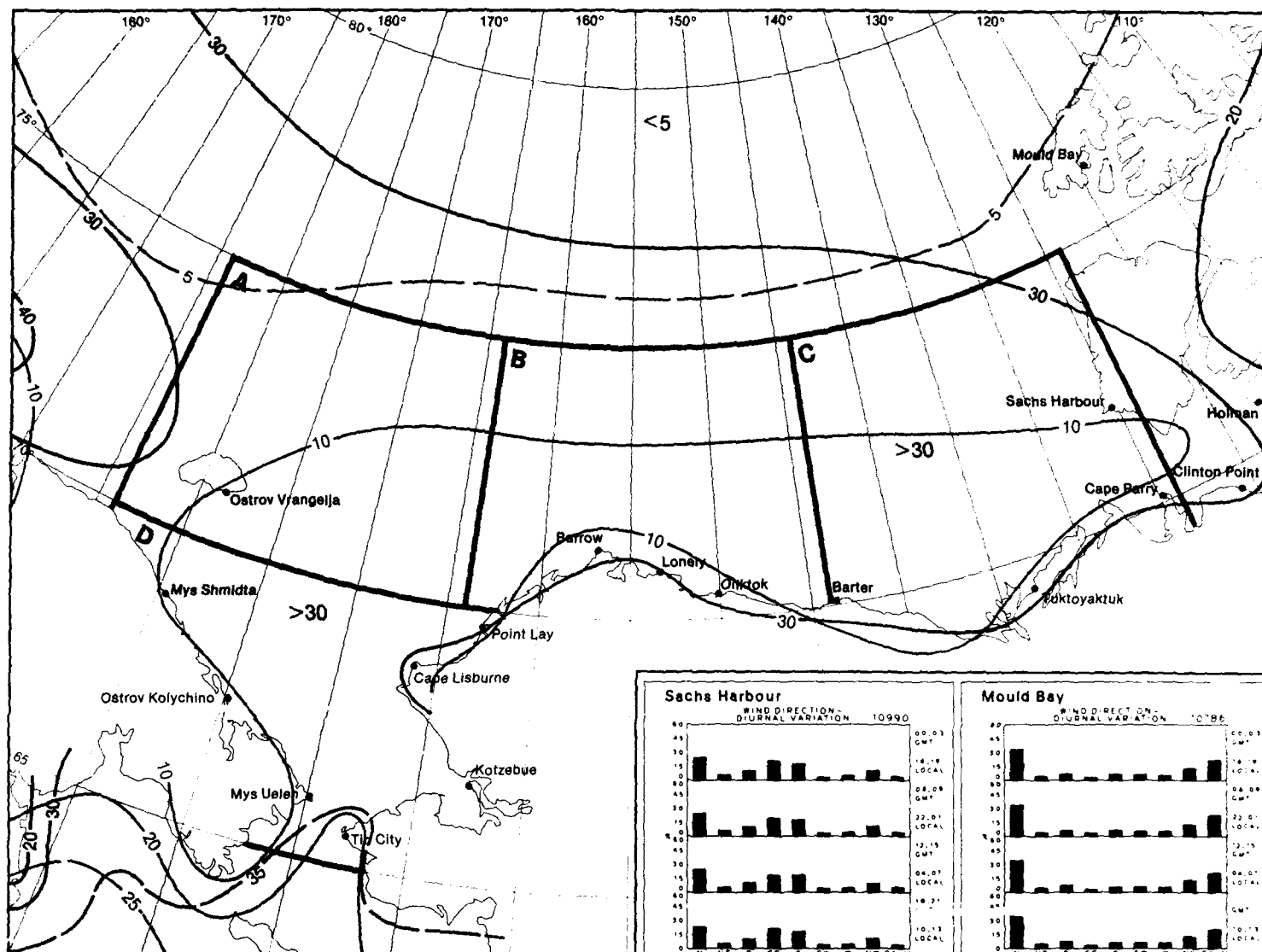


The historical marine data file at the NCDC is made up of data collected and recorded since 1854 in several different units of measurement. Wind direction has been recorded over the years in the 16-, 32-, and 36-point scale. A reduced biasing system was employed in converting wind direction to the 8-point scale used in this atlas. This method attached weighting values to observations which overlap two different 8-point sectors and treats them as "fractional observation counts."



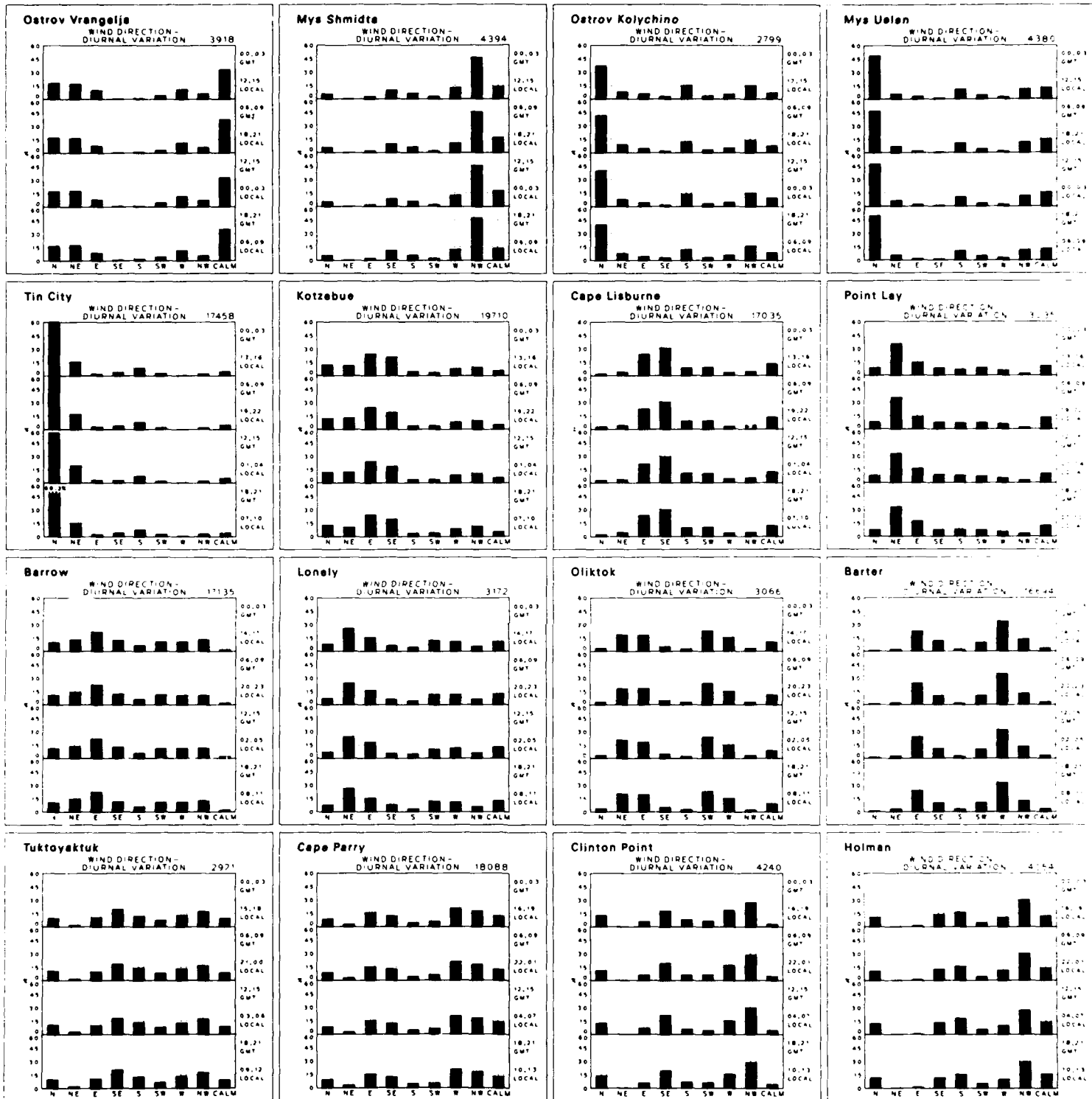
January

12 Wind Direction and Diurnal Variation



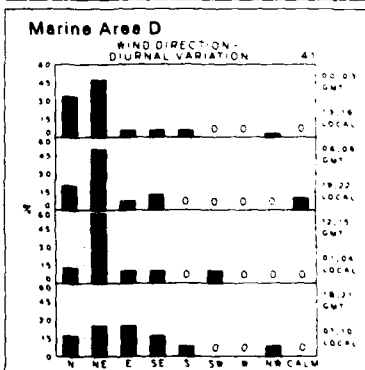
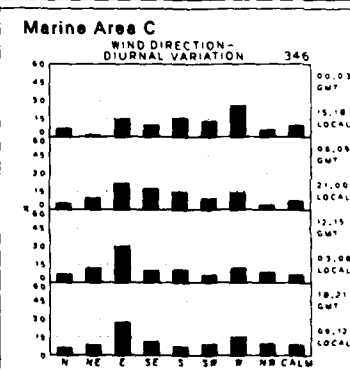
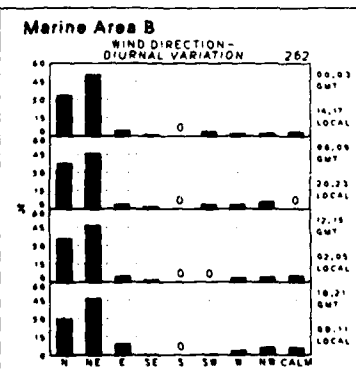
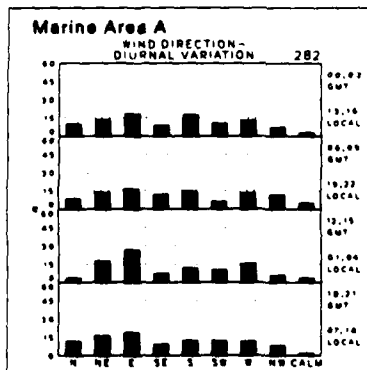
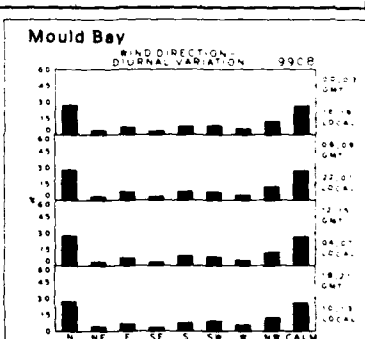
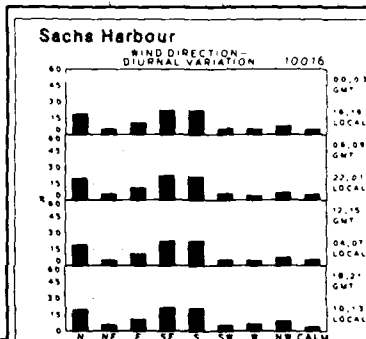
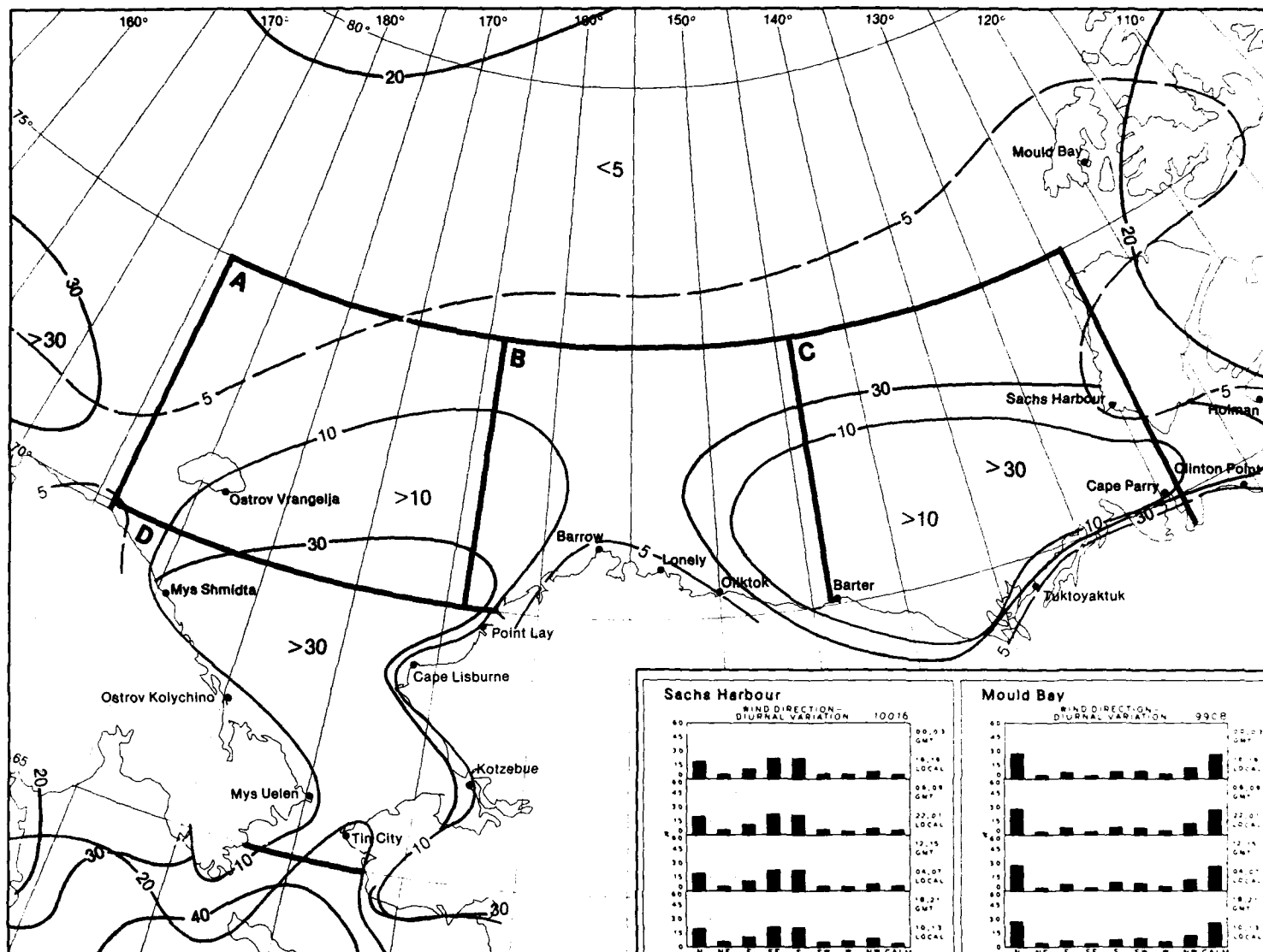
12 Wind Speed 11-21 and 22-33 Knots

January



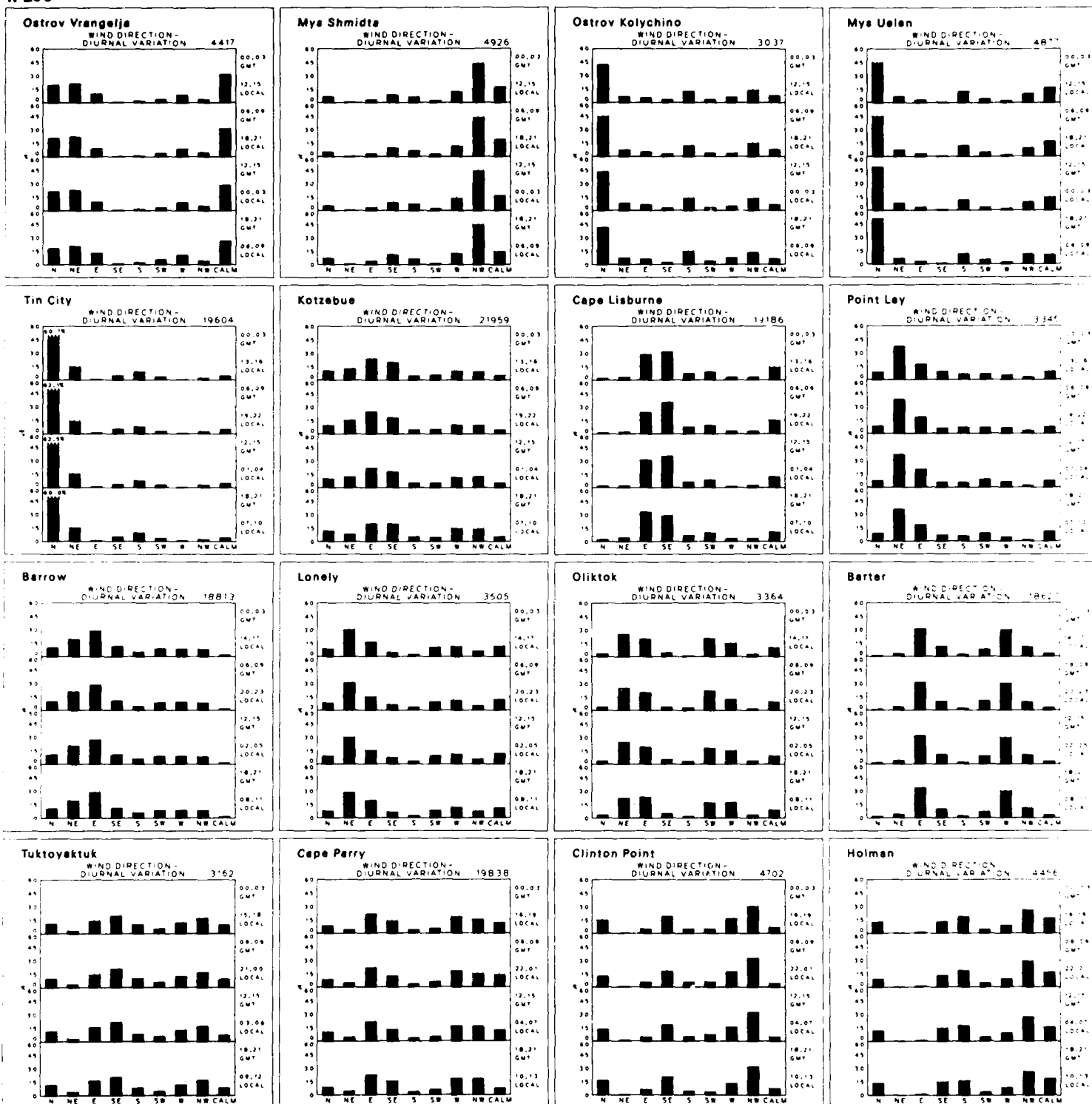
February

12 Wind Direction and Diurnal Variation



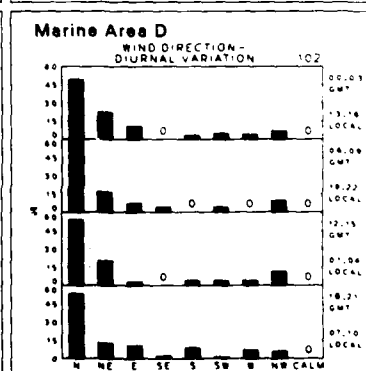
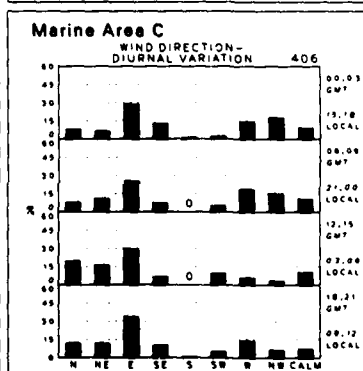
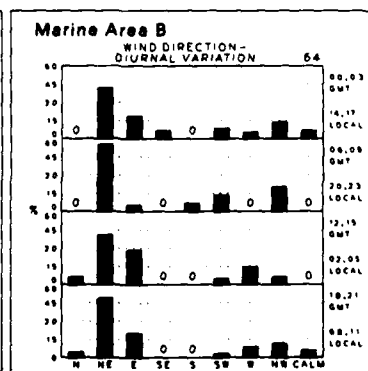
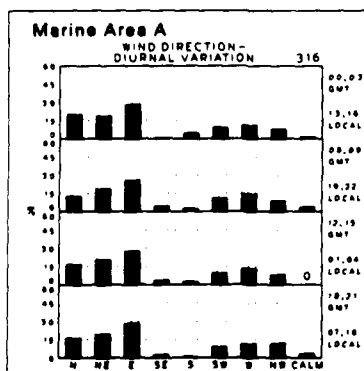
12 Wind Speed 11-21 and 22-33 Knots

February

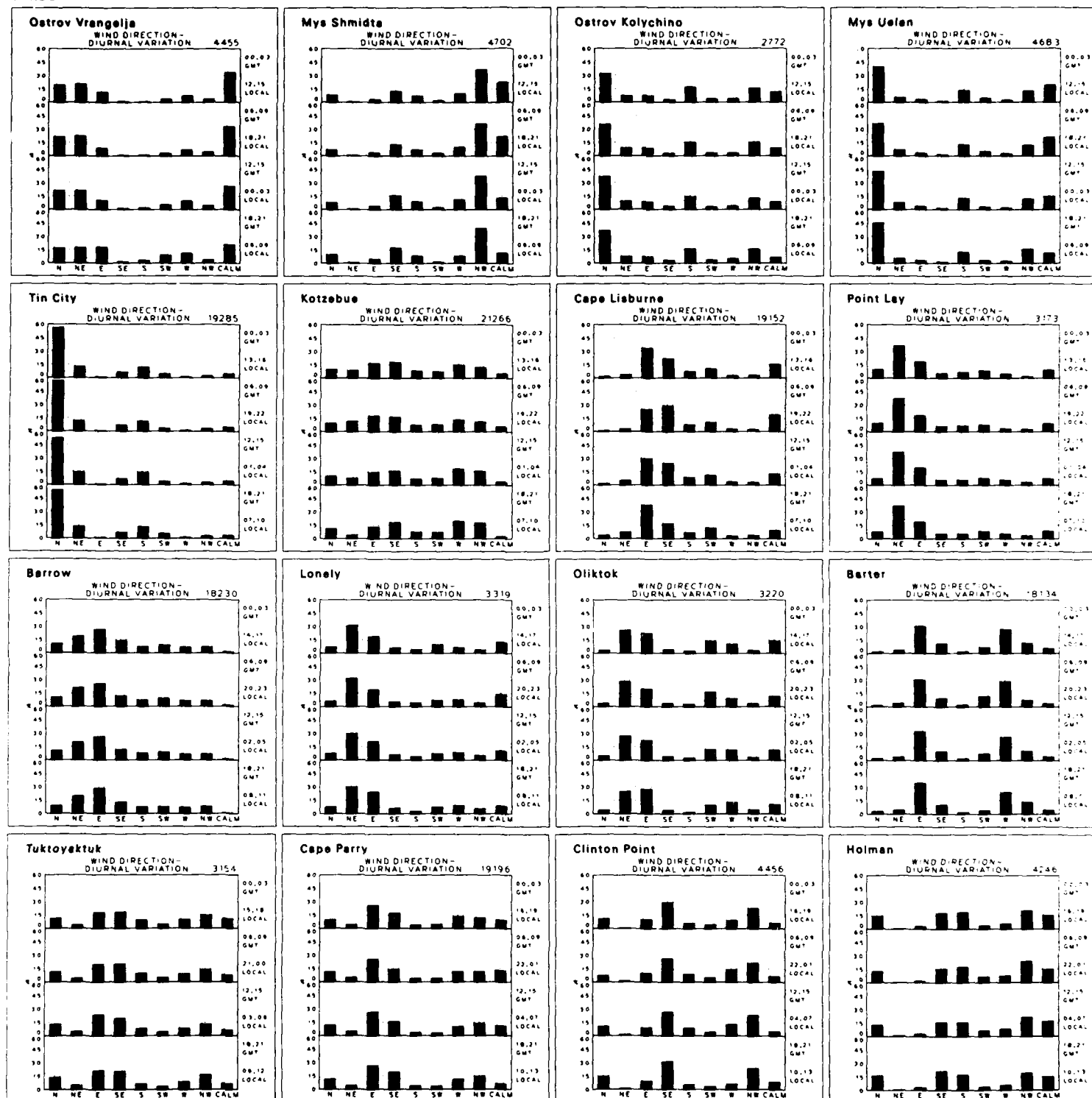


March

12 Wind Direction and Diurnal Variation

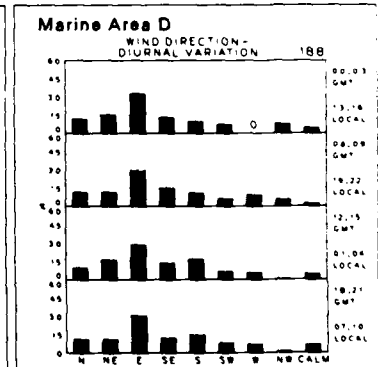
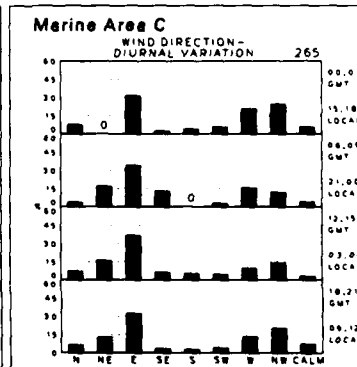
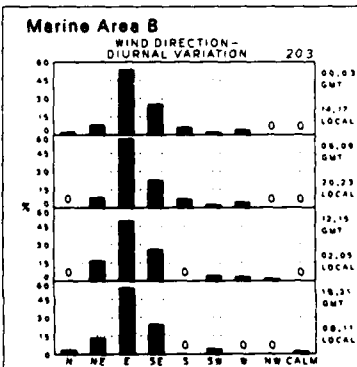
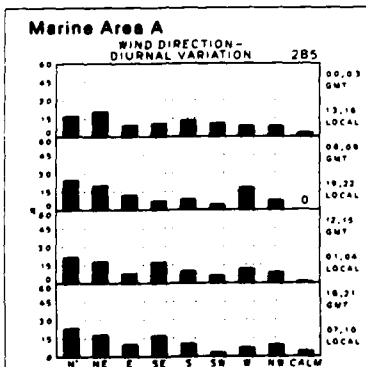
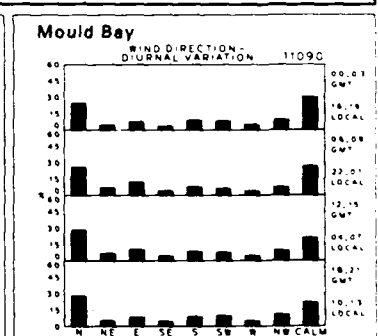
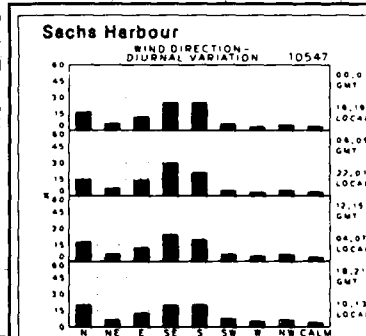
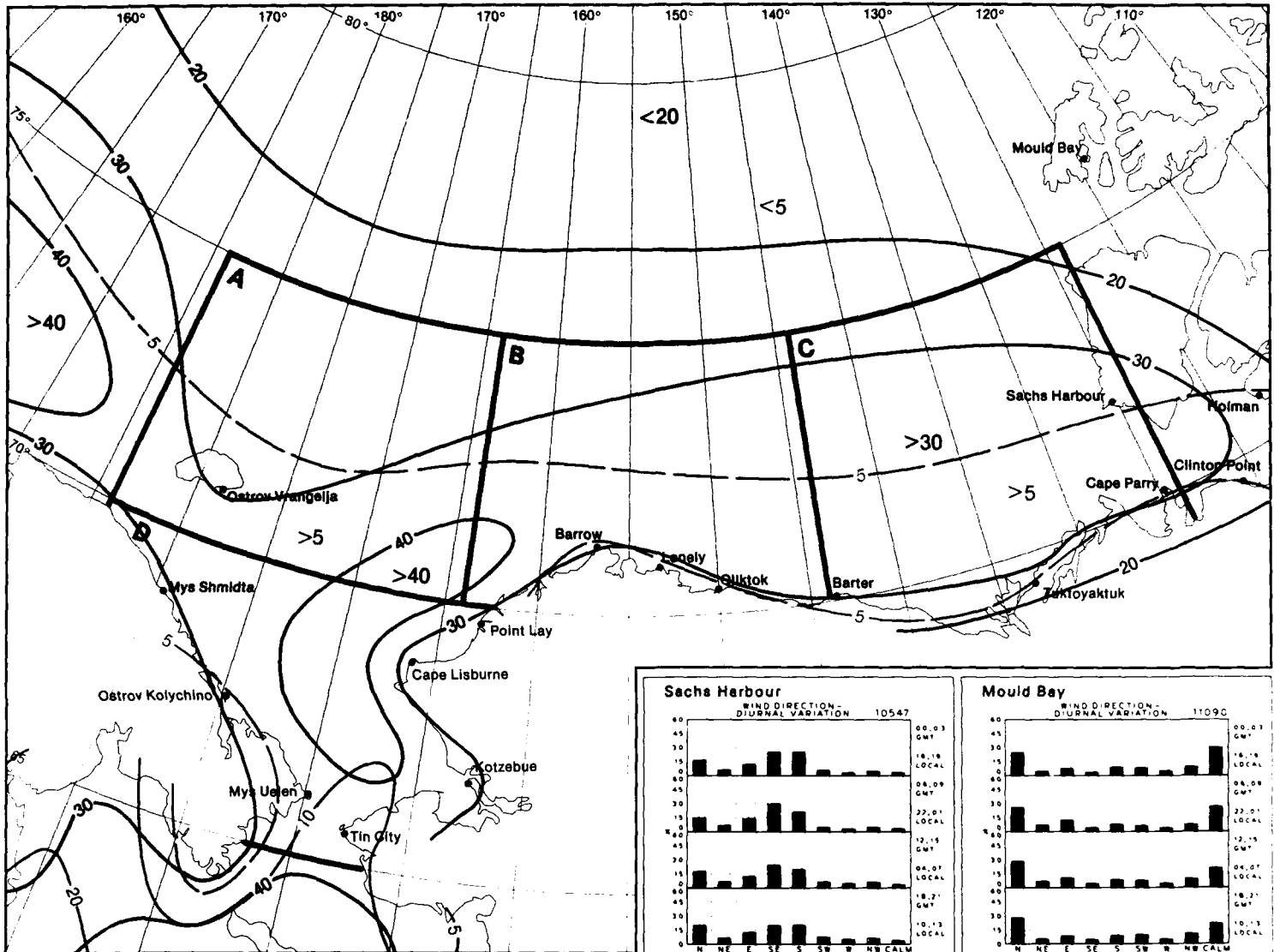


March



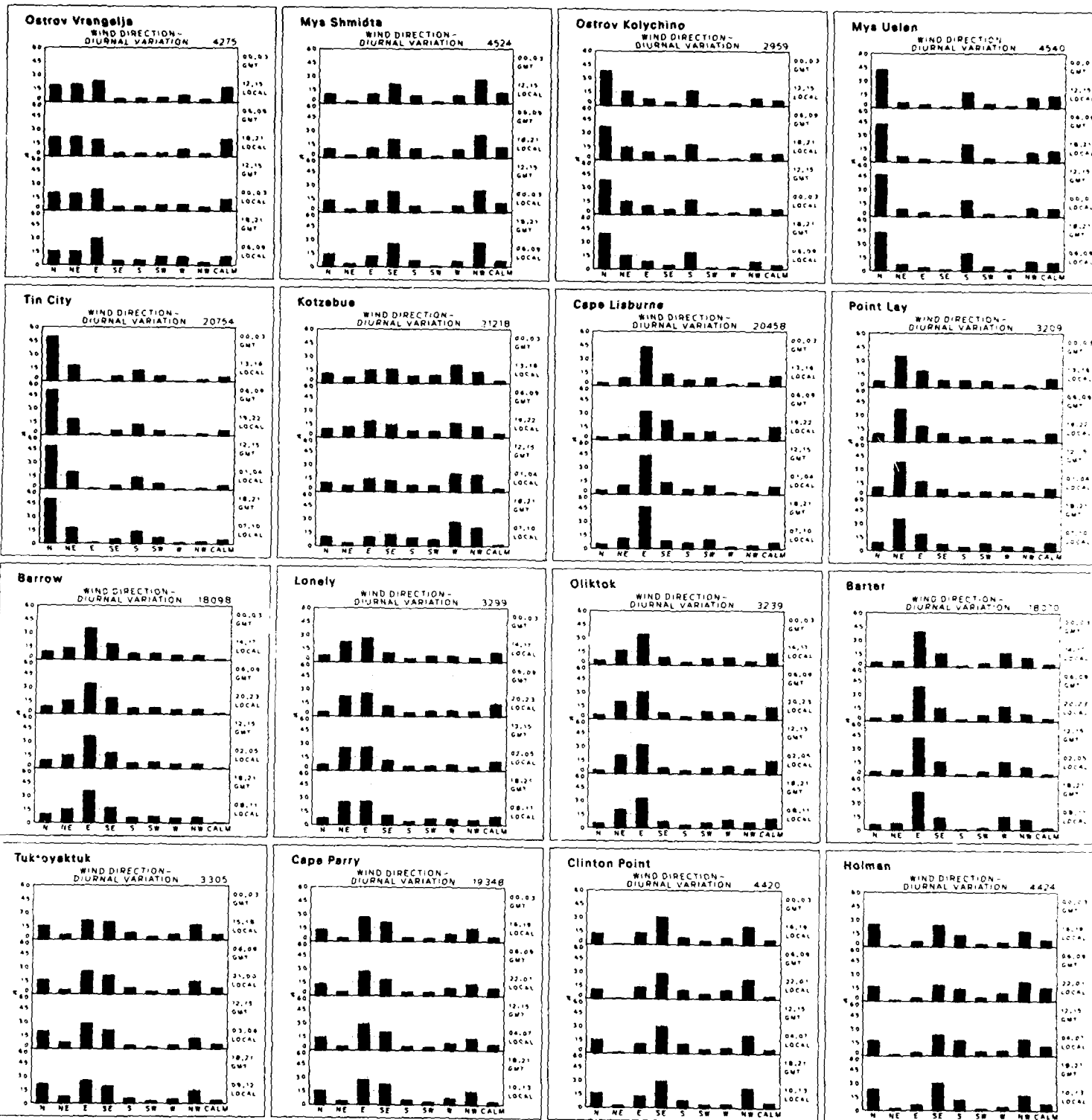
April

12 Wind Direction and Diurnal Variation



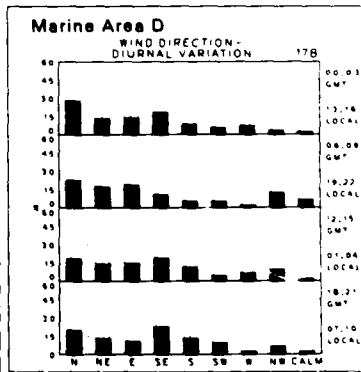
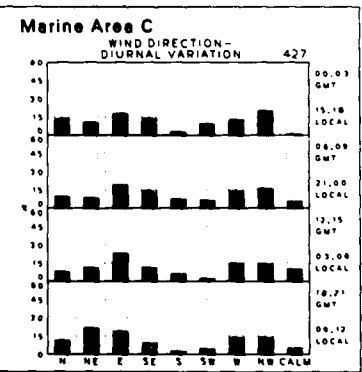
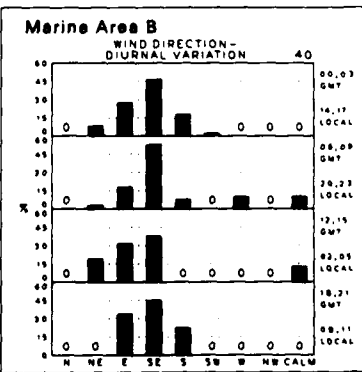
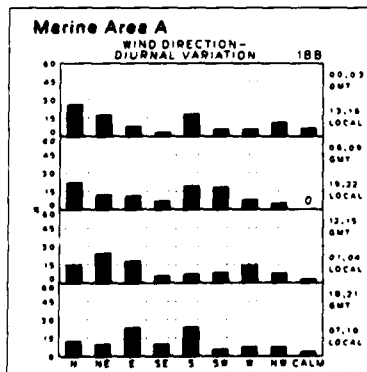
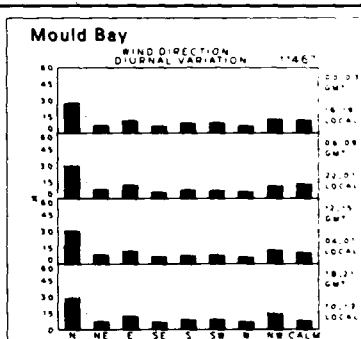
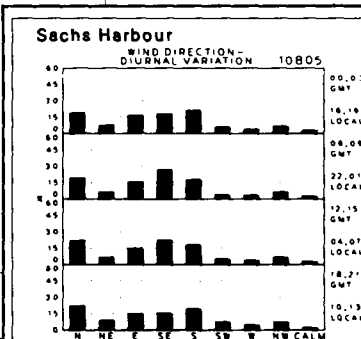
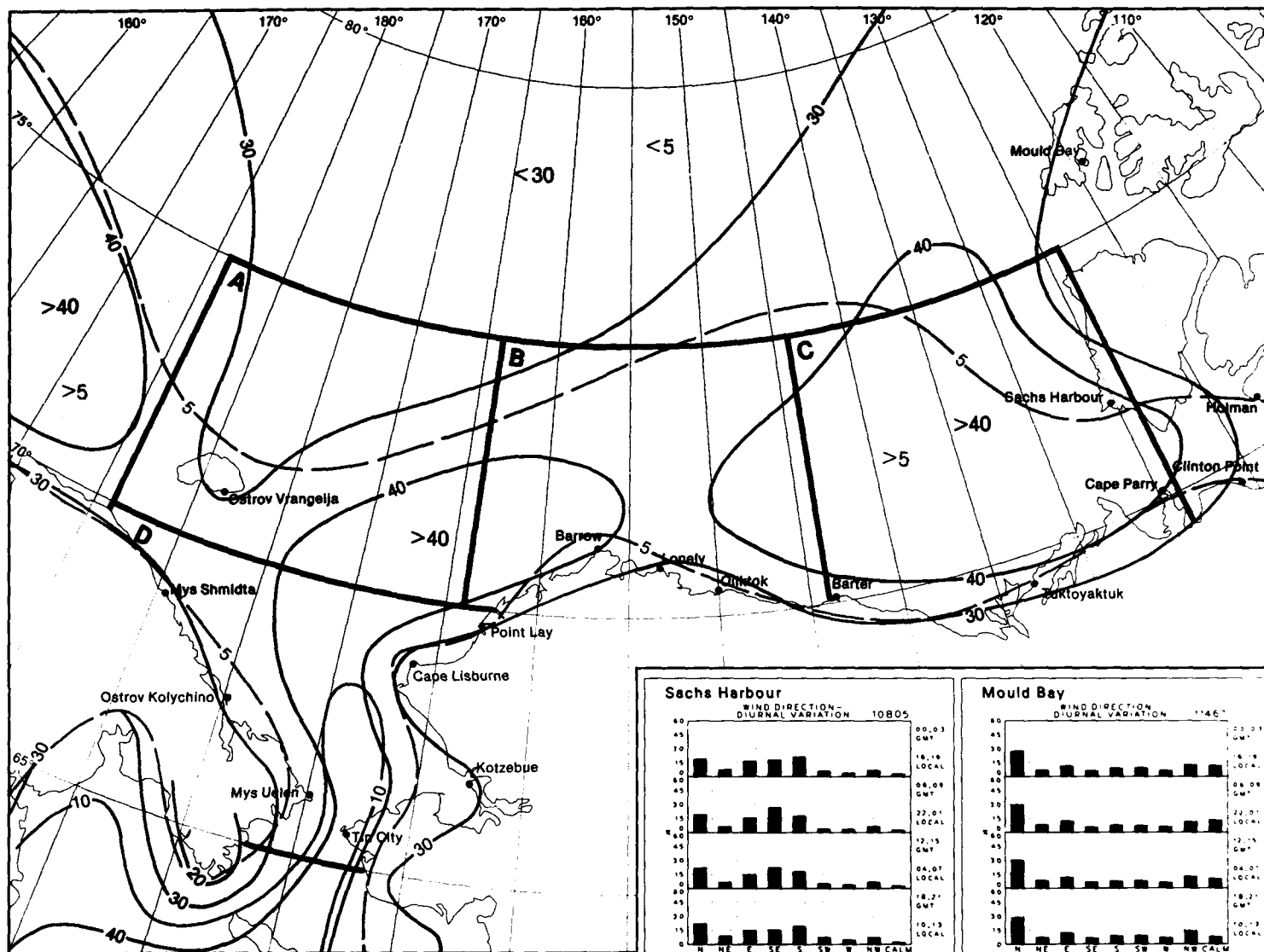
12 Wind Speed 11-21 and 22-33 Knots

April



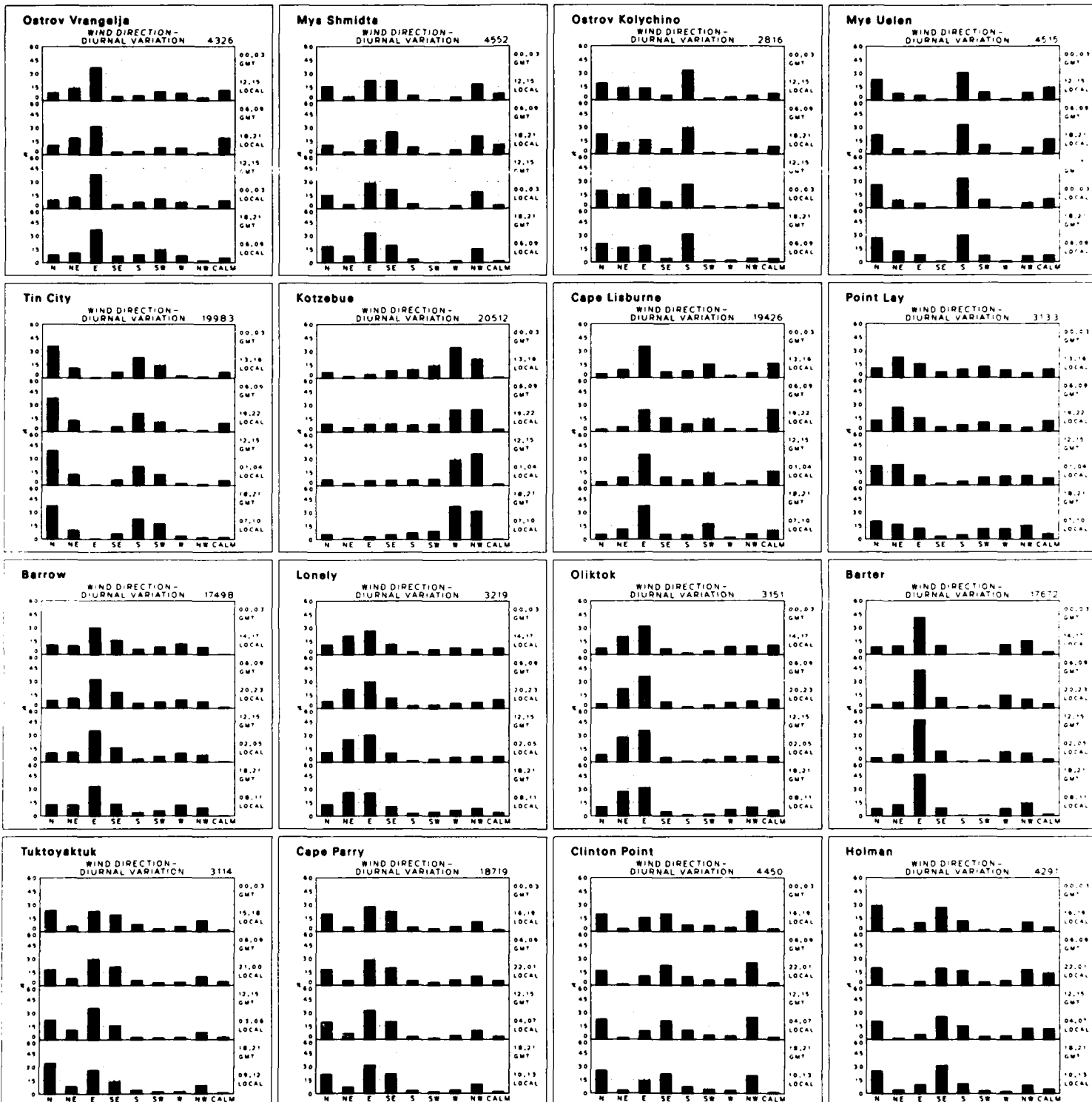
May

12 Wind Direction and Diurnal Variation



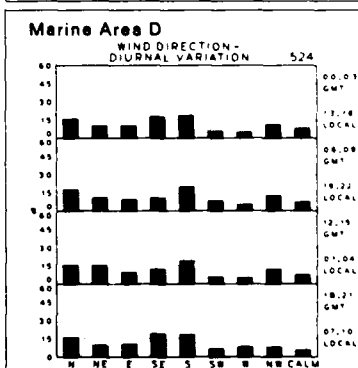
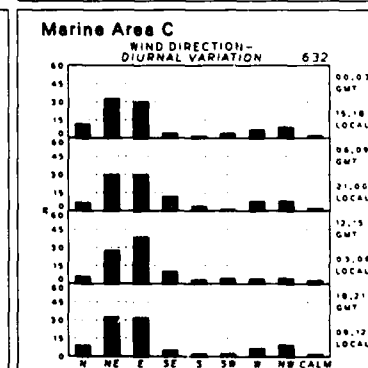
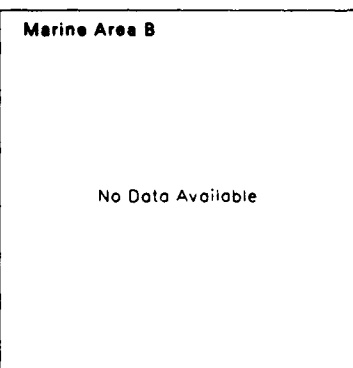
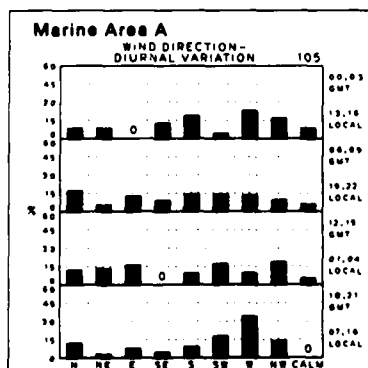
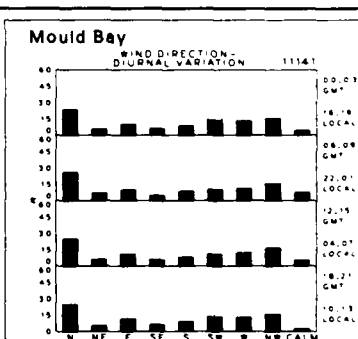
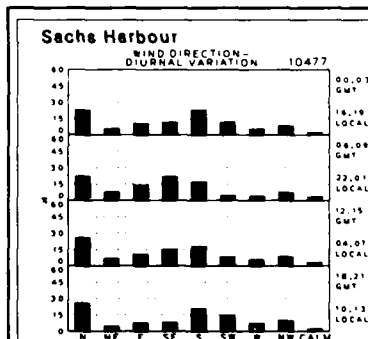
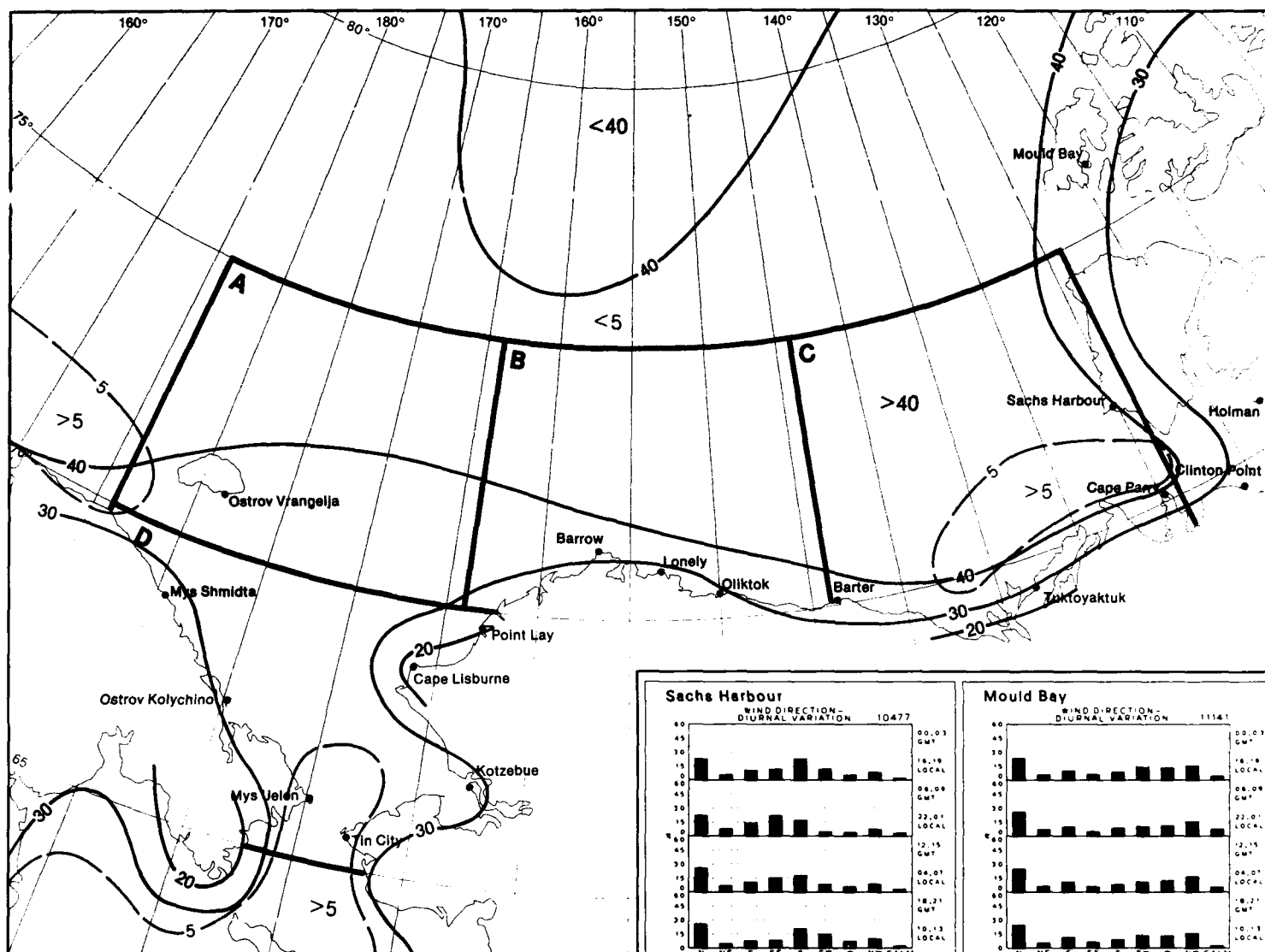
12 Wind Speed 11-21 and 22-33 Knots

May



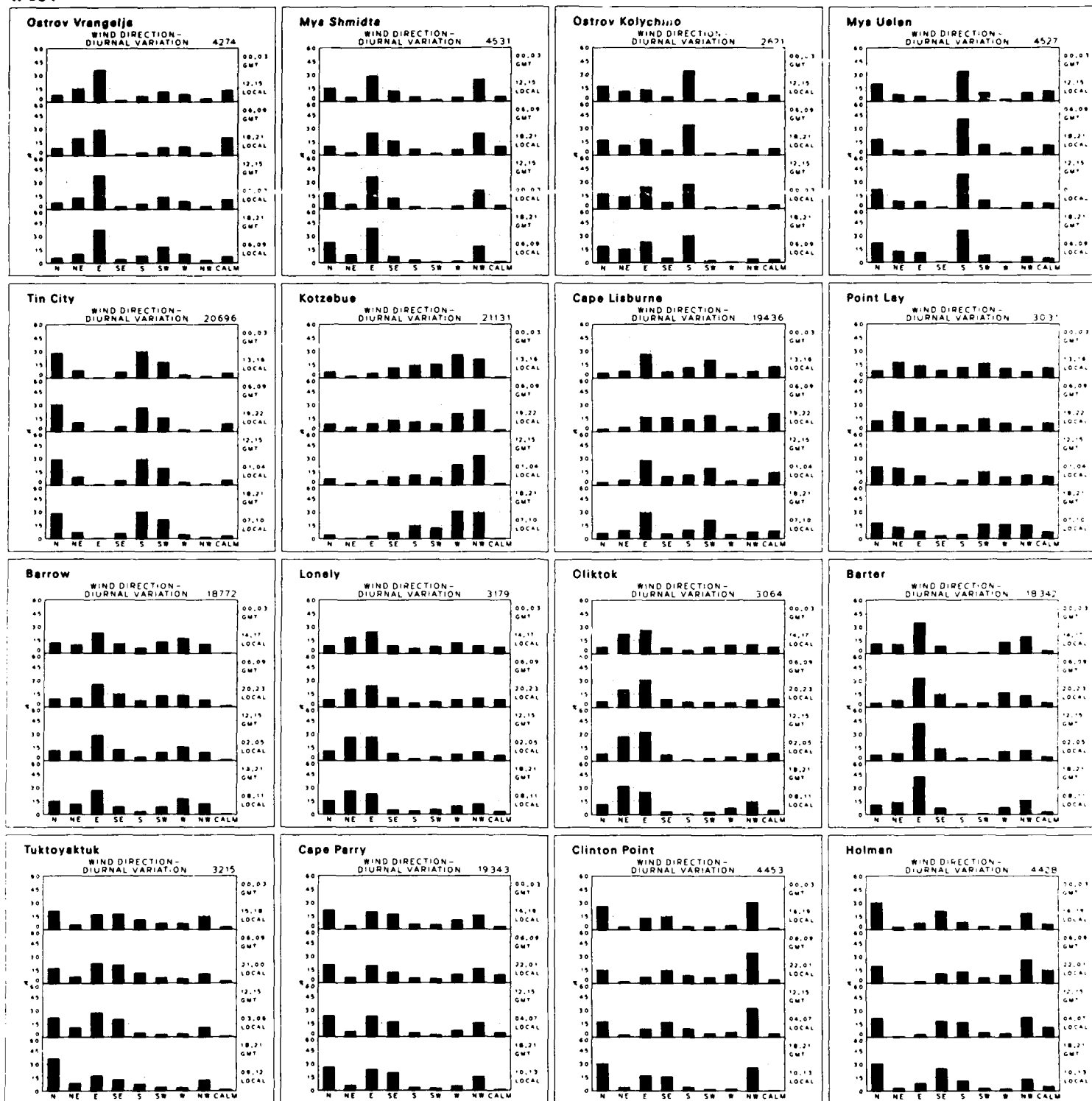
June

12 Wind Direction and Diurnal Variation



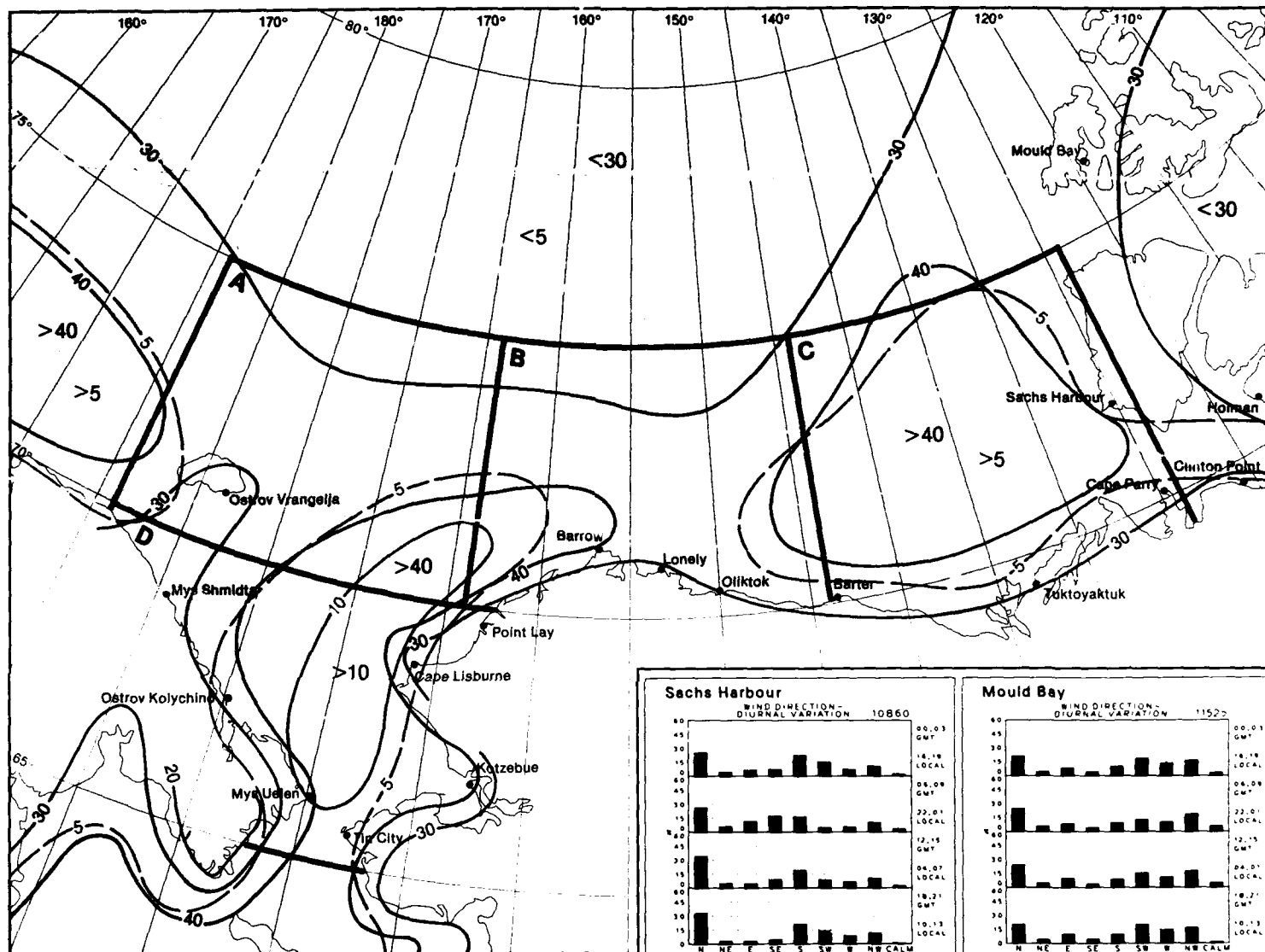
12 Wind Speed 11-21 and 22-33 Knots

June



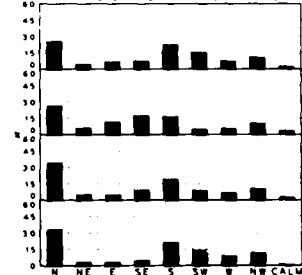
July

12 Wind Direction and Diurnal Variation



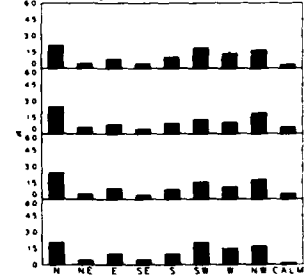
Sachs Harbour

WIND DIRECTION - DIURNAL VARIATION 10860



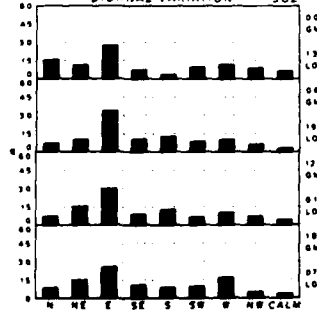
Mould Bay

WIND DIRECTION - DIURNAL VARIATION 11522



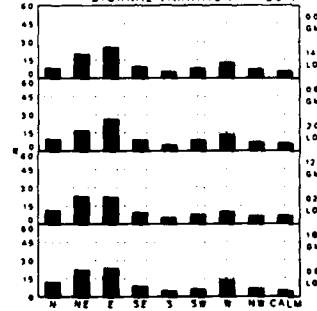
Marine Area A

WIND DIRECTION - DIURNAL VARIATION 382



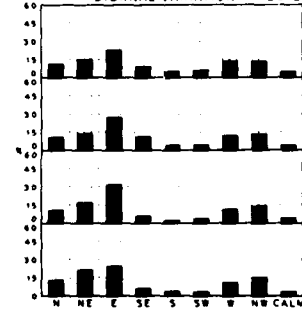
Marine Area B

WIND DIRECTION - DIURNAL VARIATION 3017



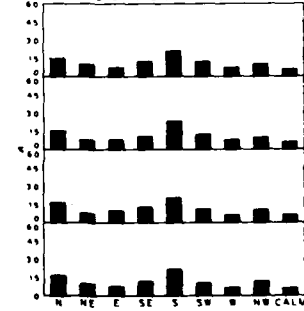
Marine Area C

WIND DIRECTION - DIURNAL VARIATION 3613



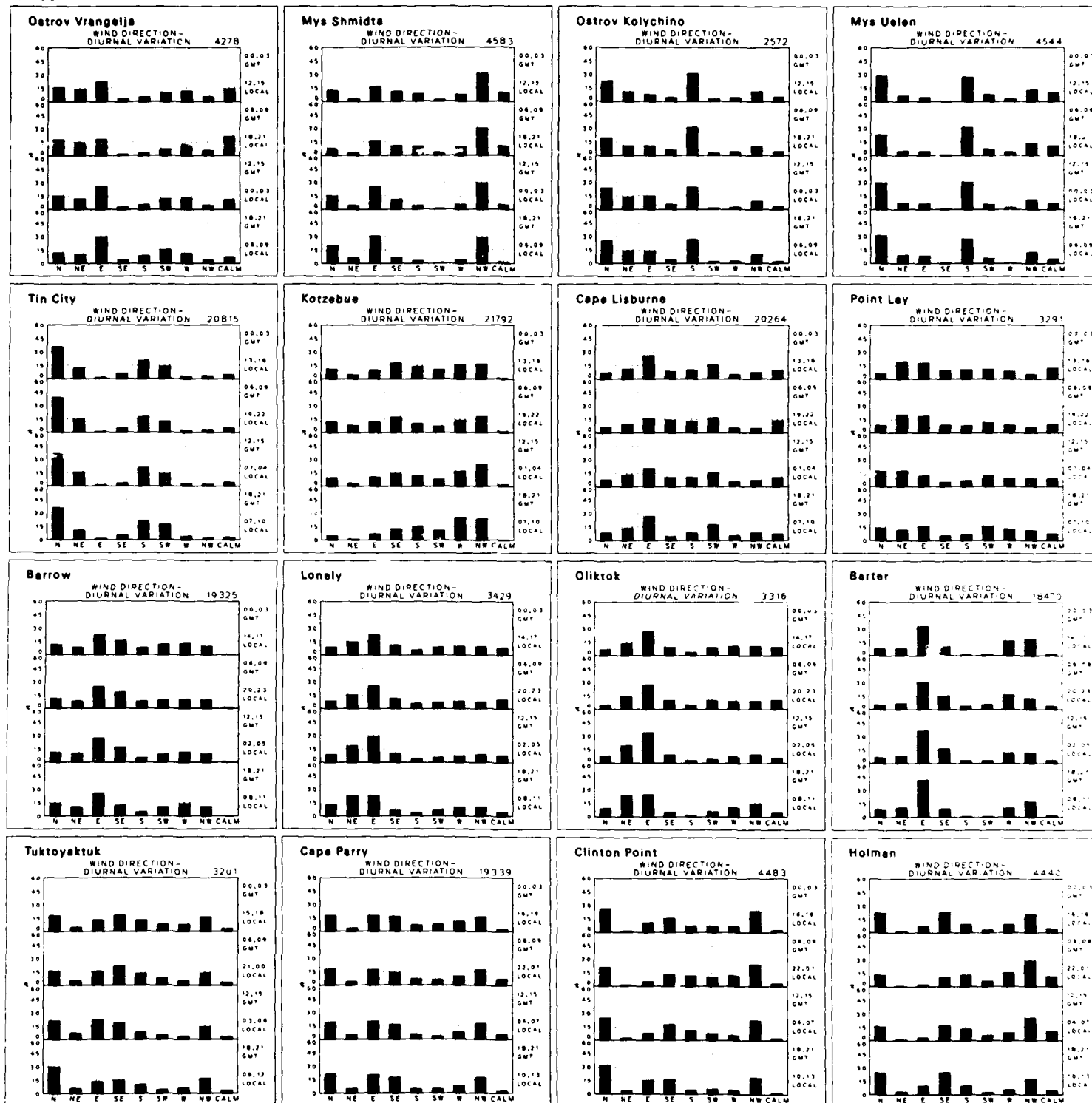
Marine Area D

WIND DIRECTION - DIURNAL VARIATION 2747



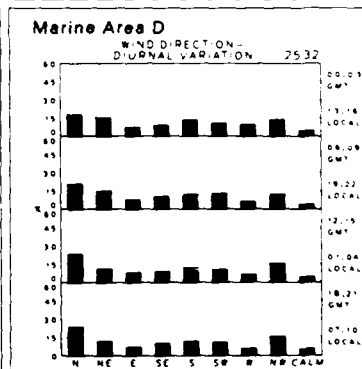
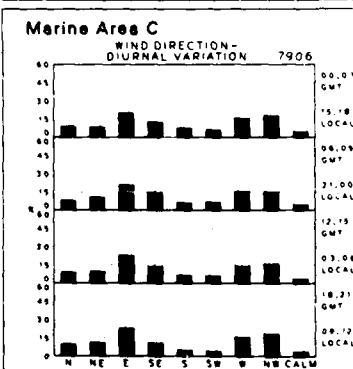
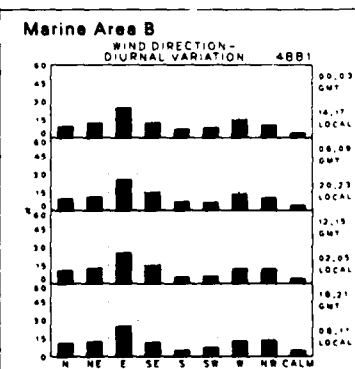
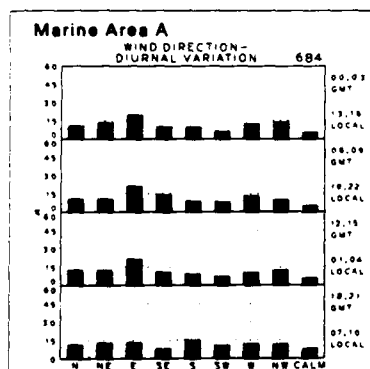
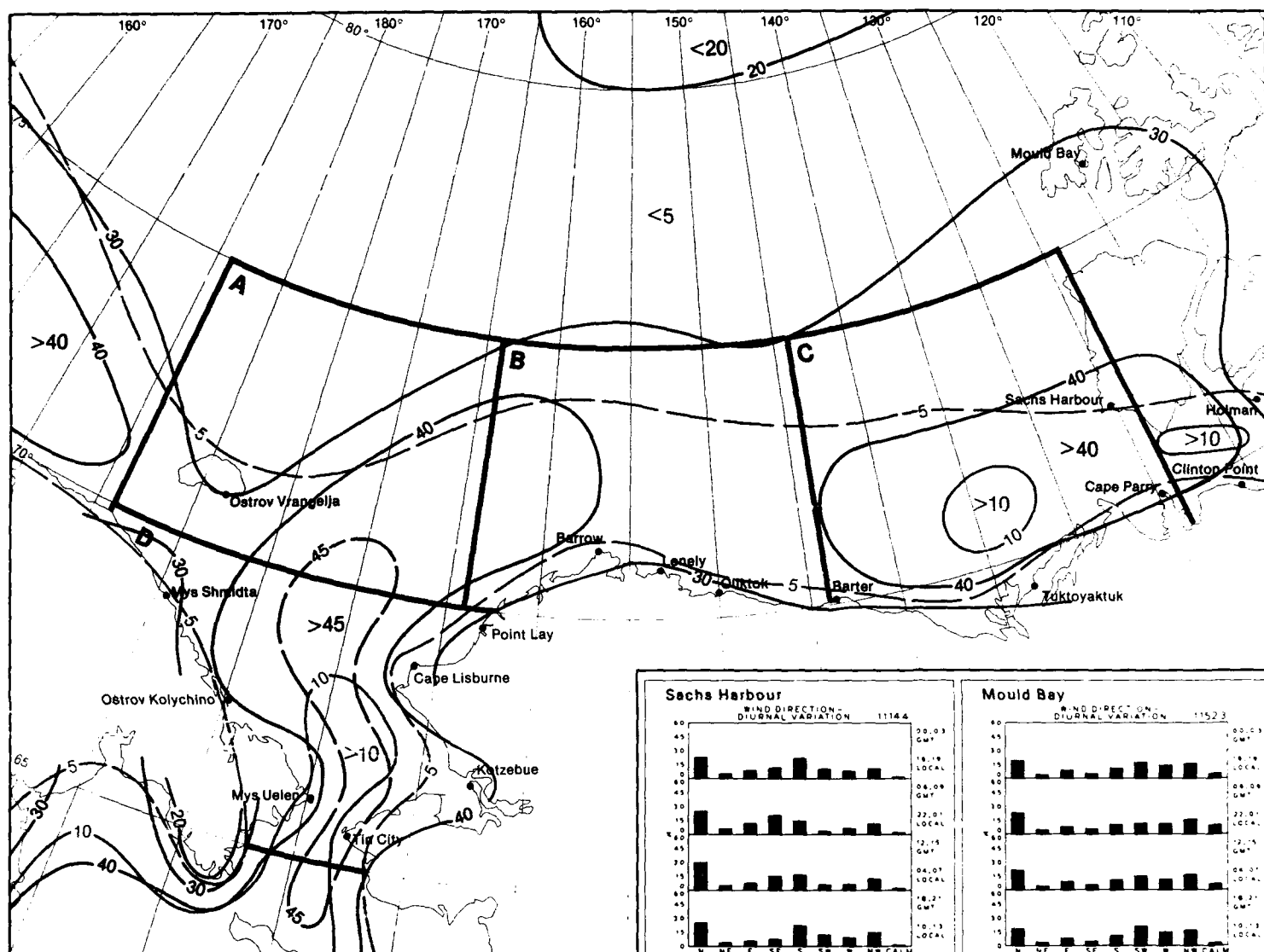
12 Wind Speed 11-21 and 22-33 Knots

July



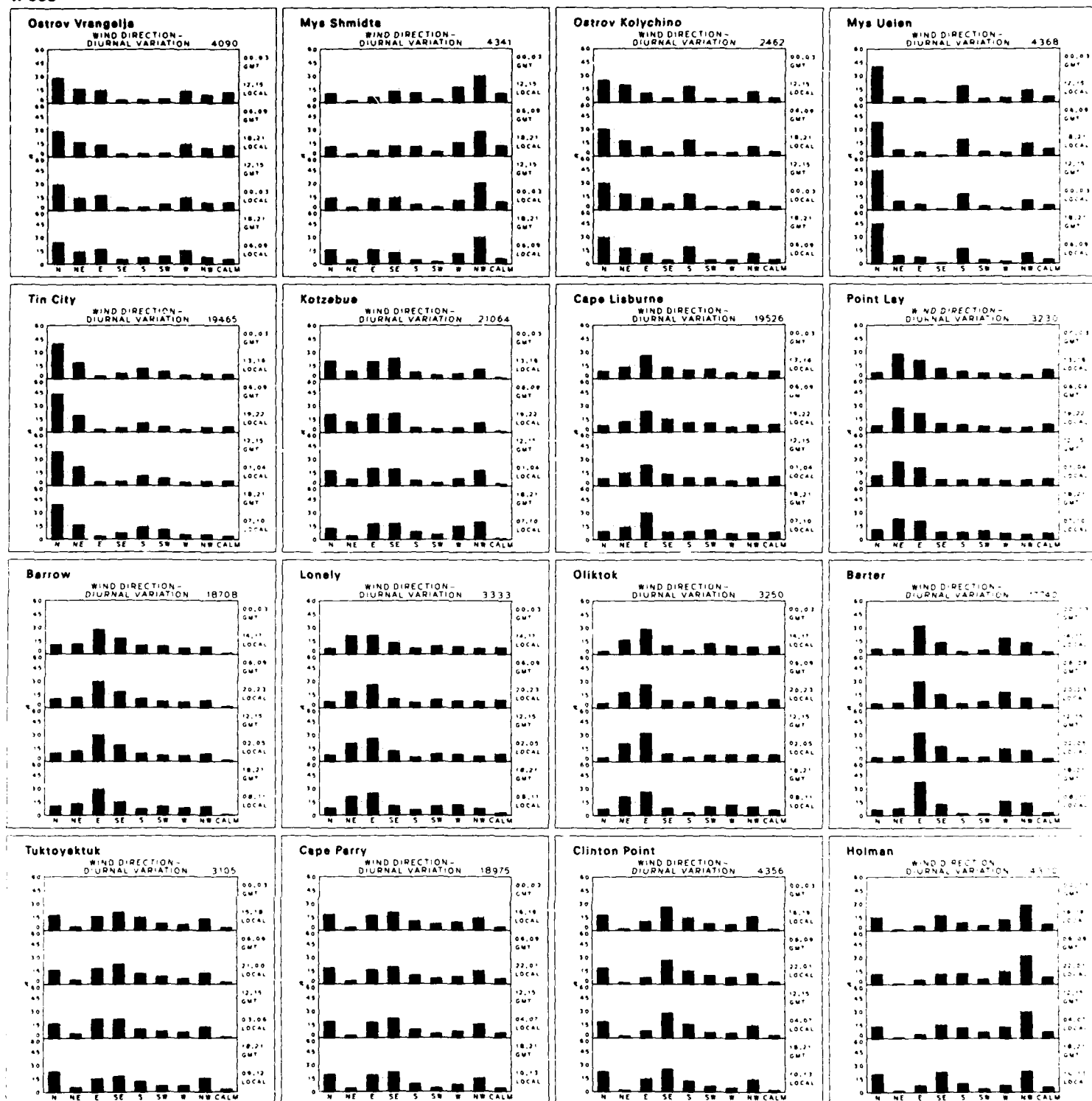
August

12 Wind Direction and Diurnal Variatio



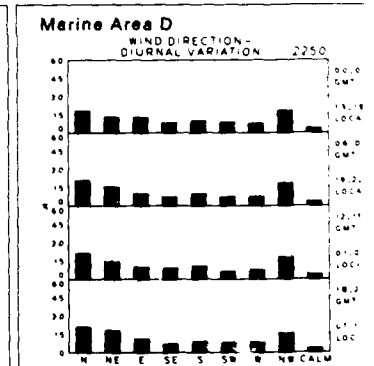
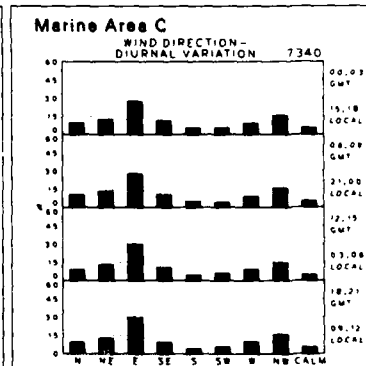
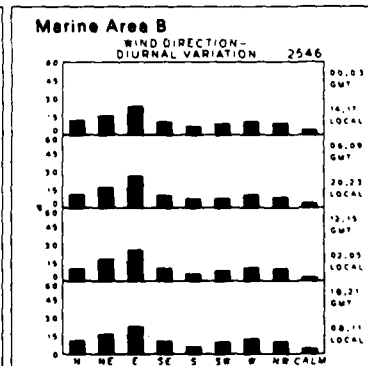
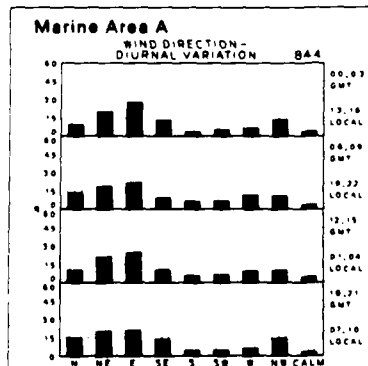
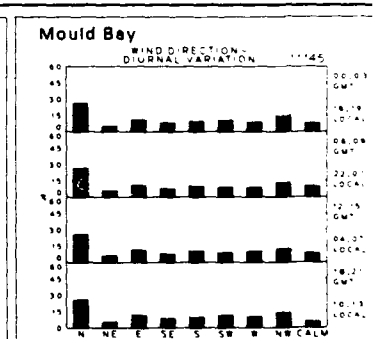
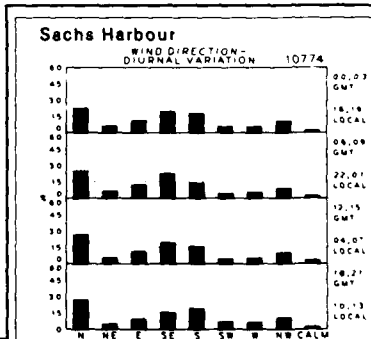
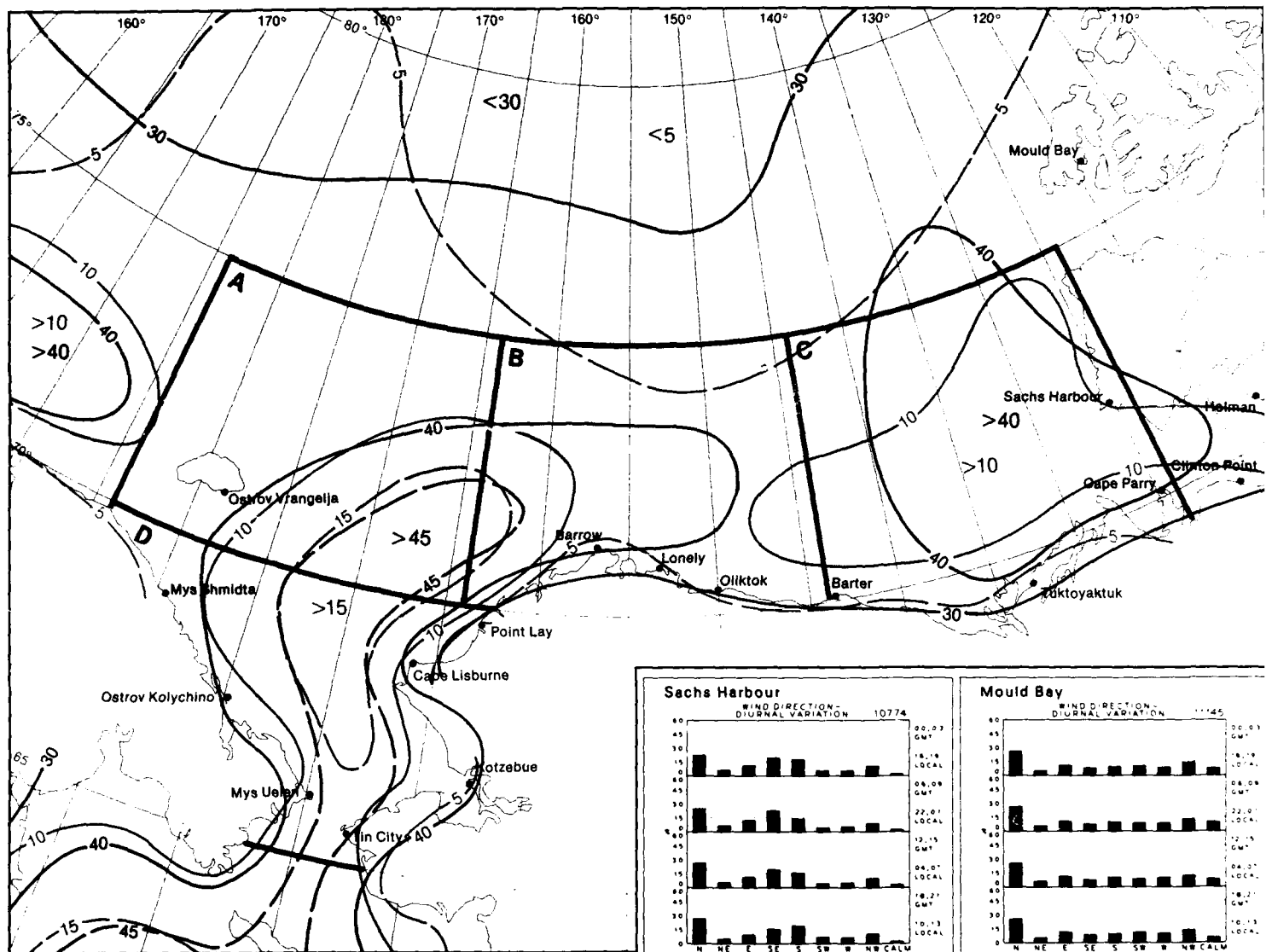
12 Wind Speed 11-21 and 22-33 Knots

August



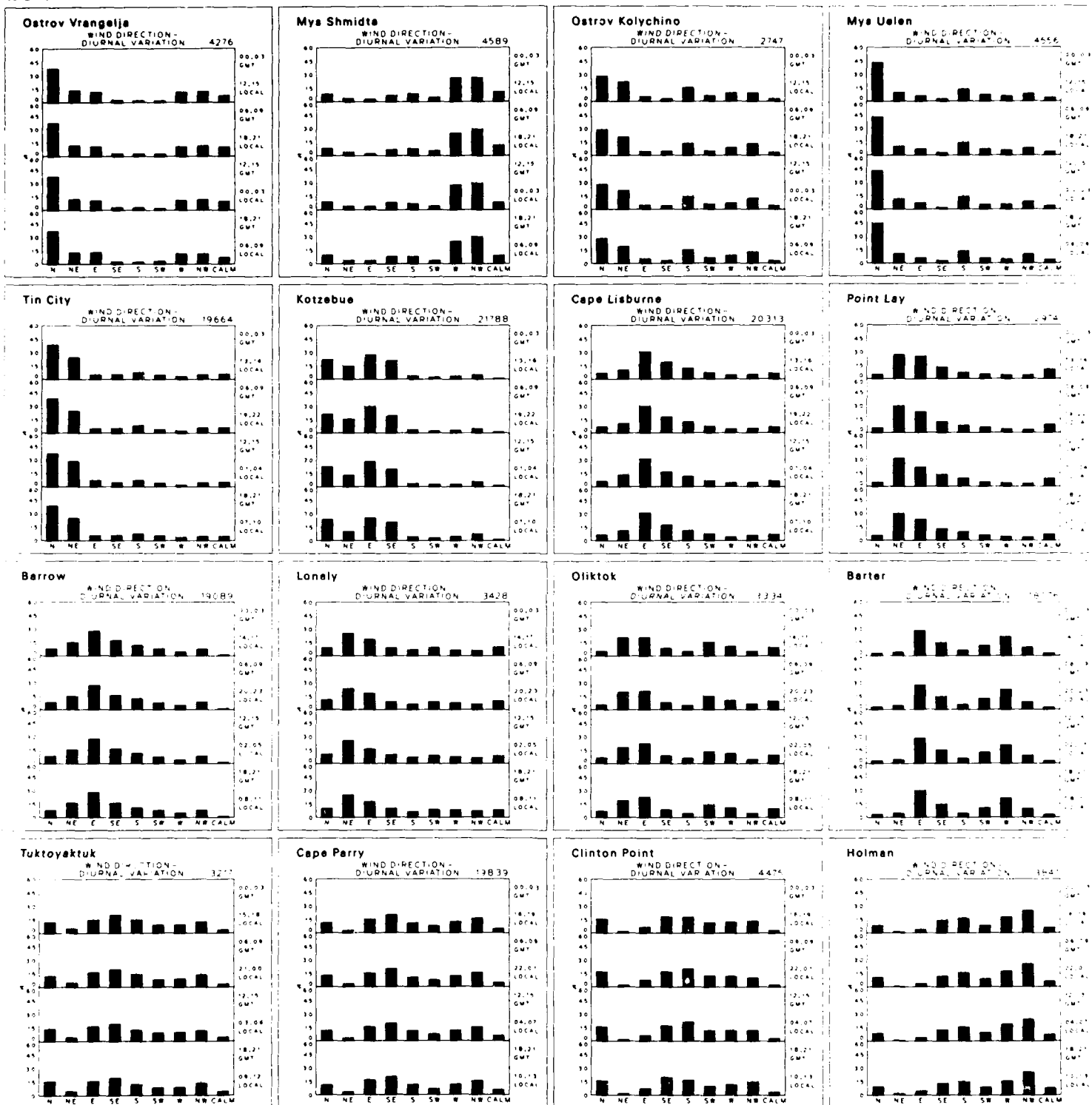
September

12 Wind Direction and Diurnal Variatio



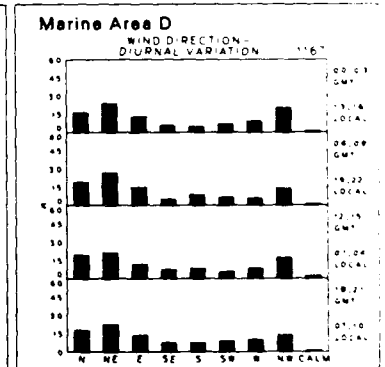
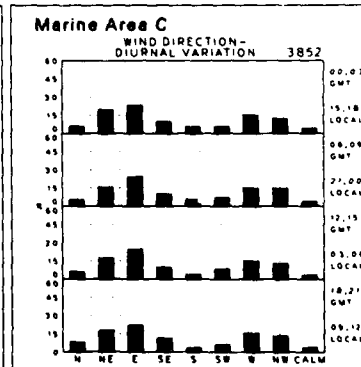
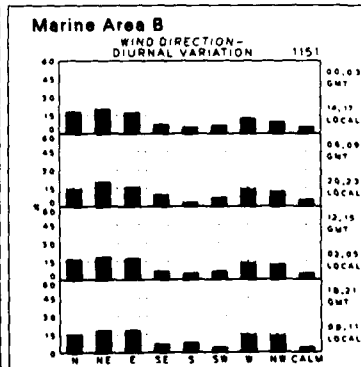
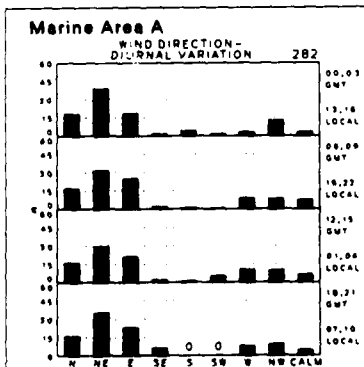
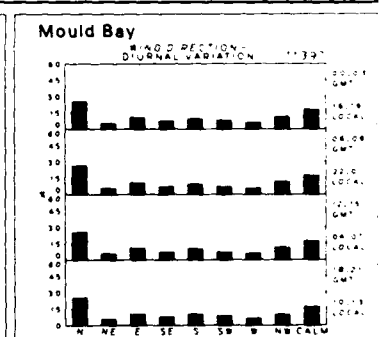
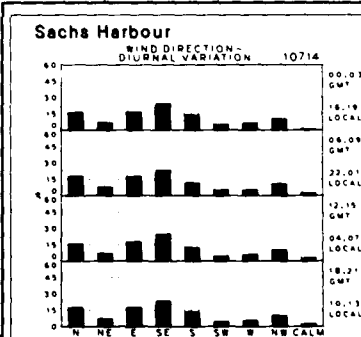
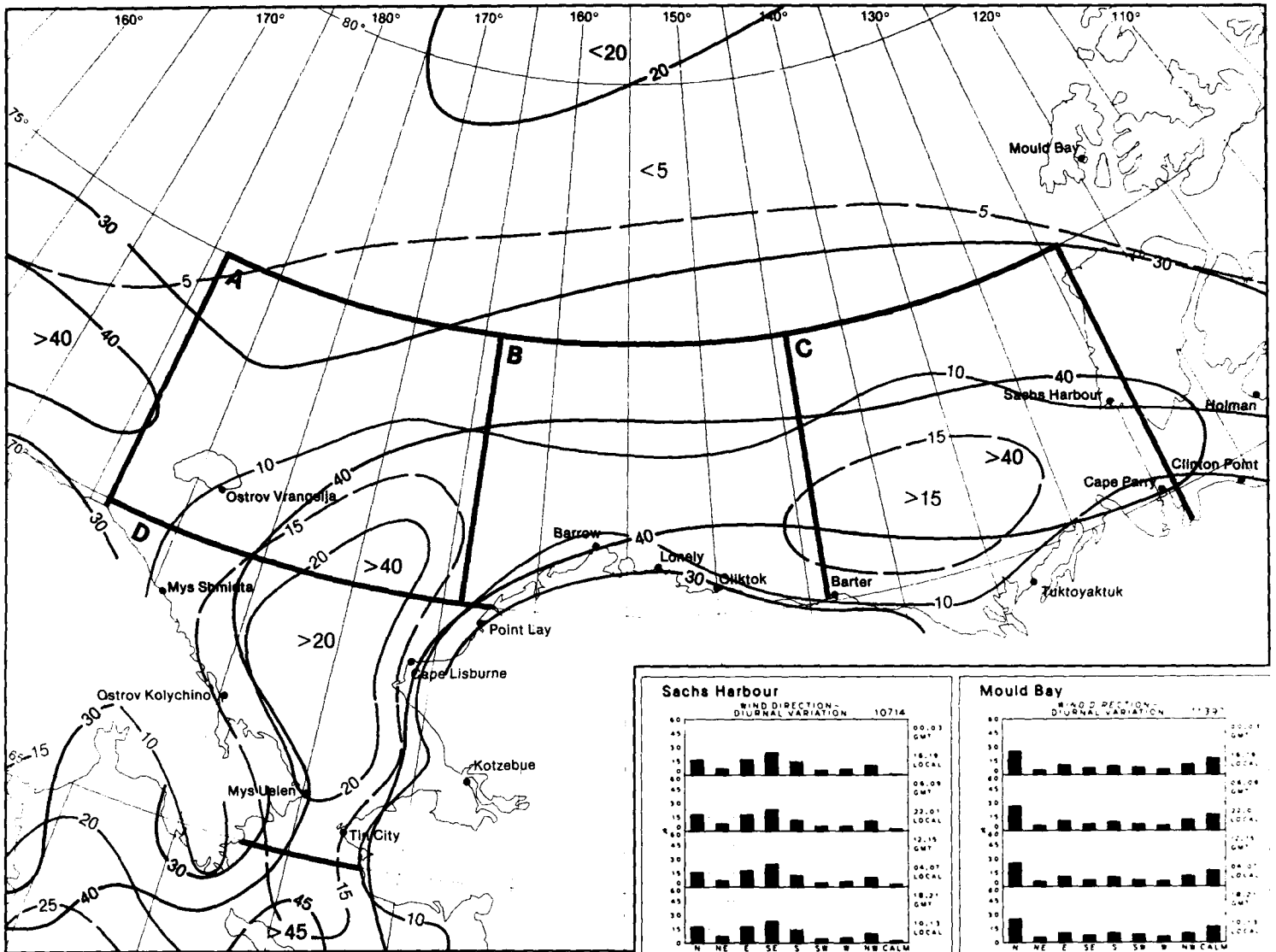
12 Wind Speed 11-21 and 22-33 Knots

Septemb



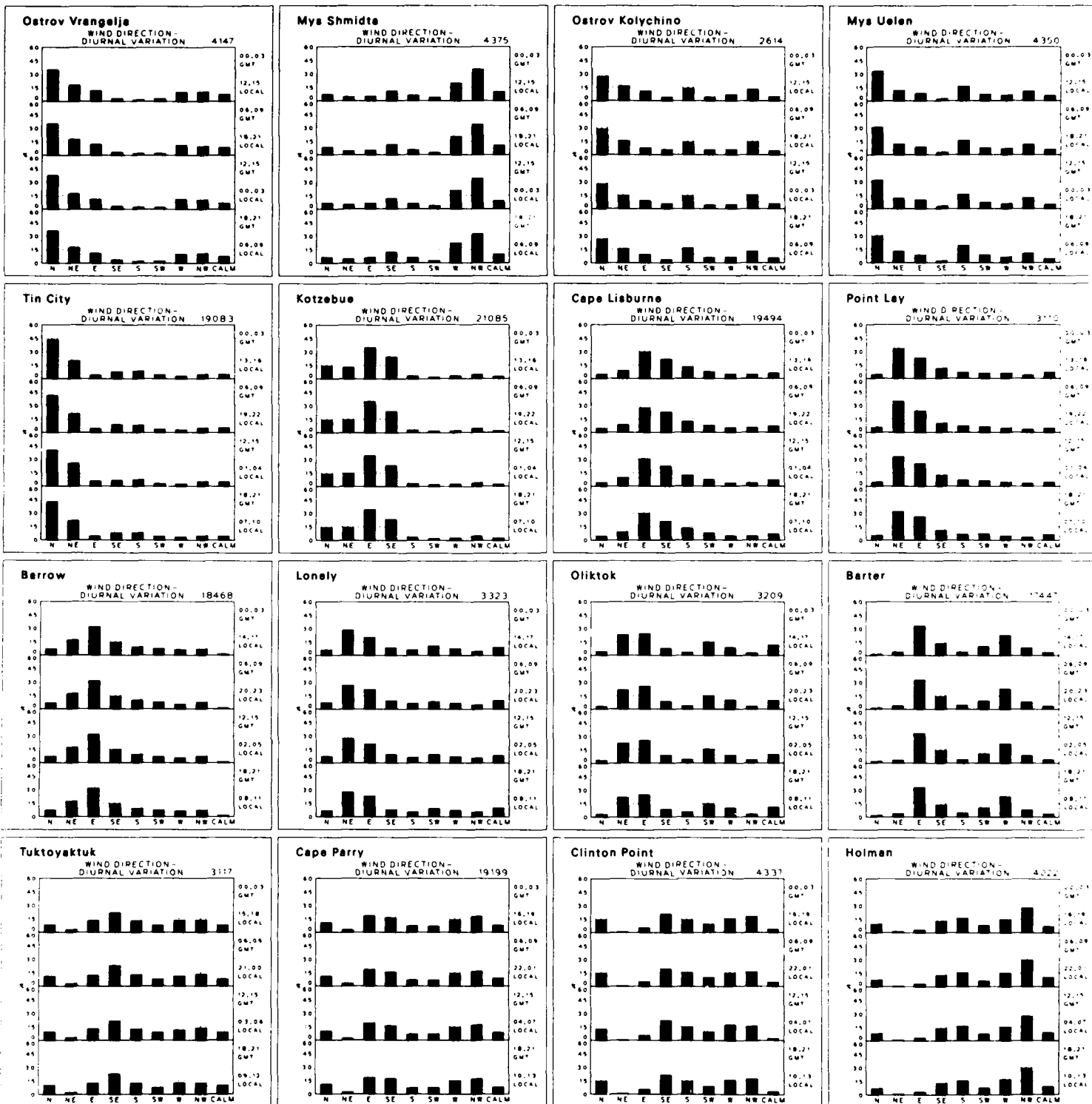
October

12 Wind Direction and Diurnal Variation



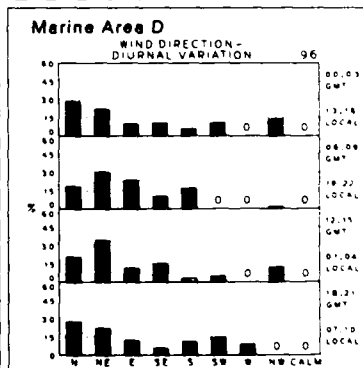
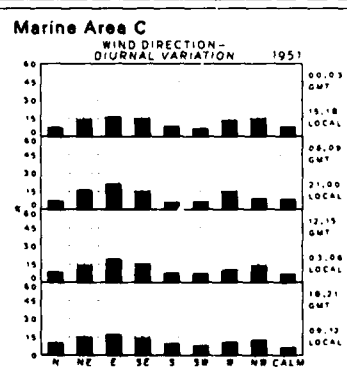
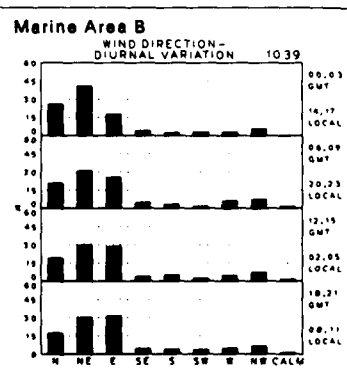
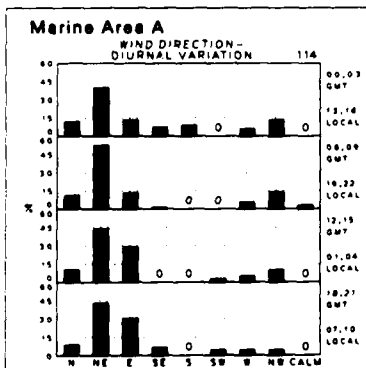
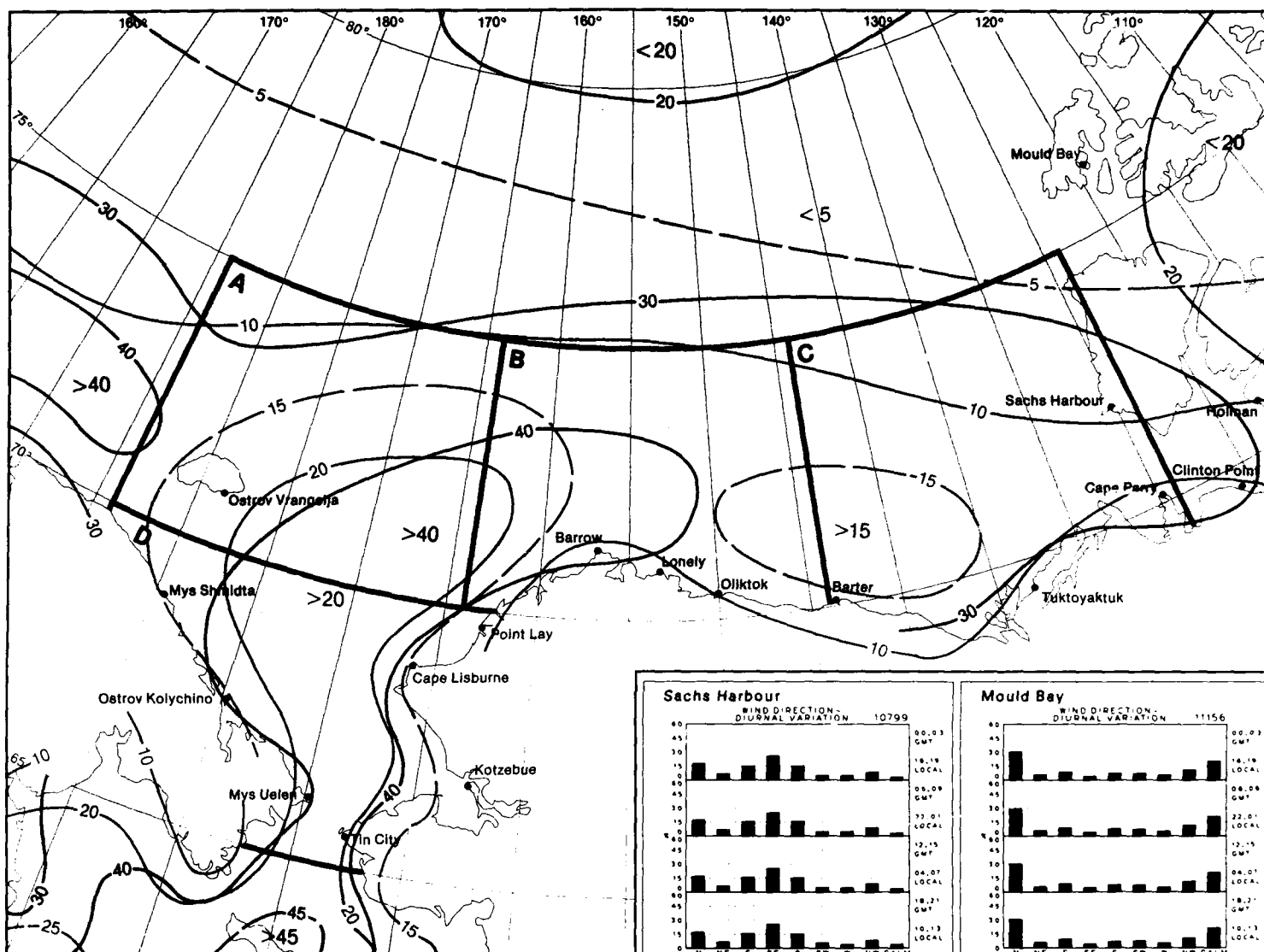
12 Wind Speed 11-21 and 22-33 Knots

October



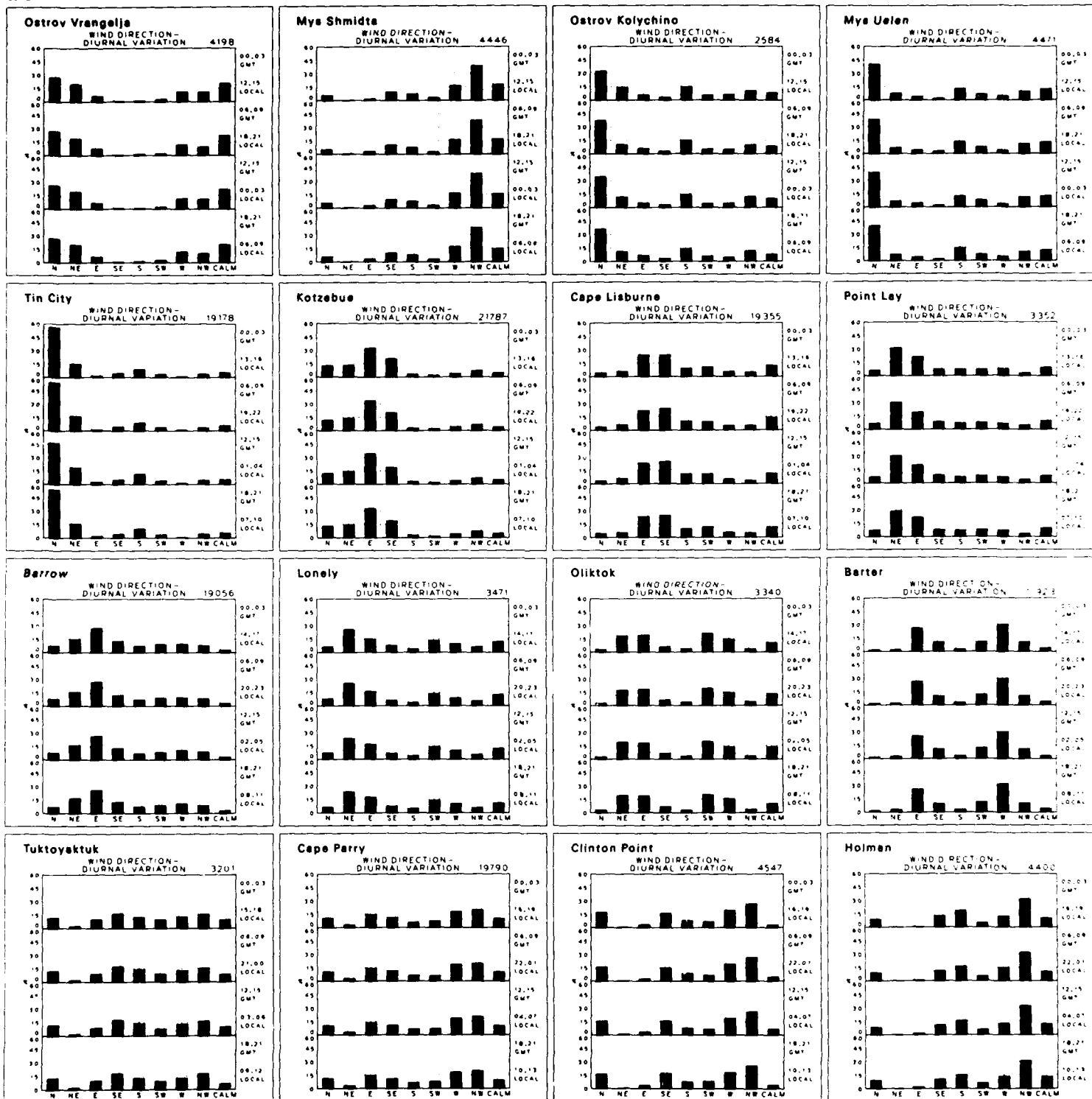
November

12 Wind Direction and Diurnal Variation



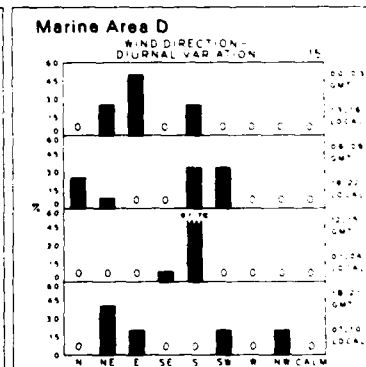
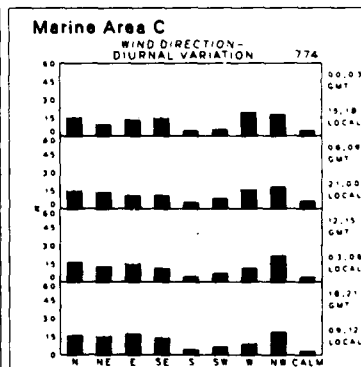
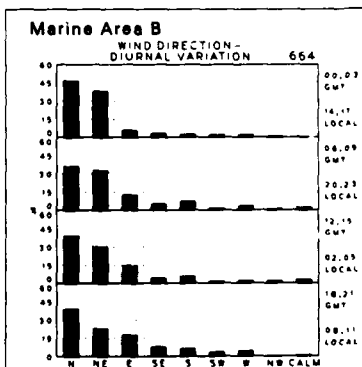
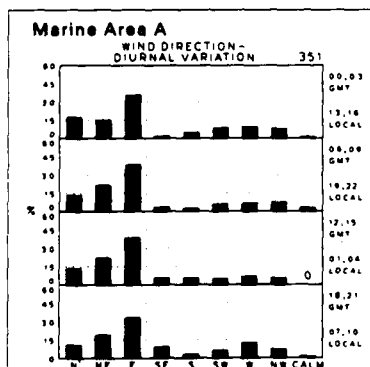
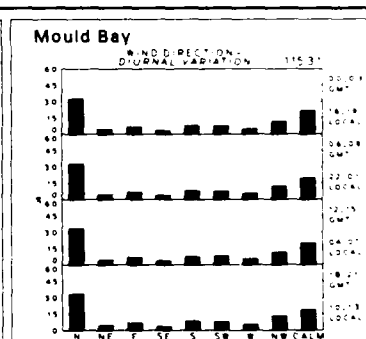
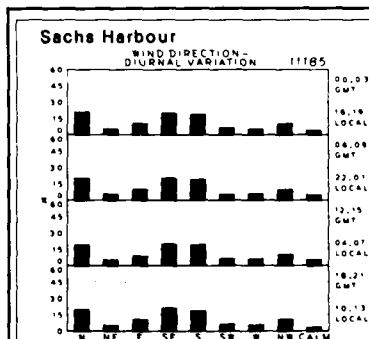
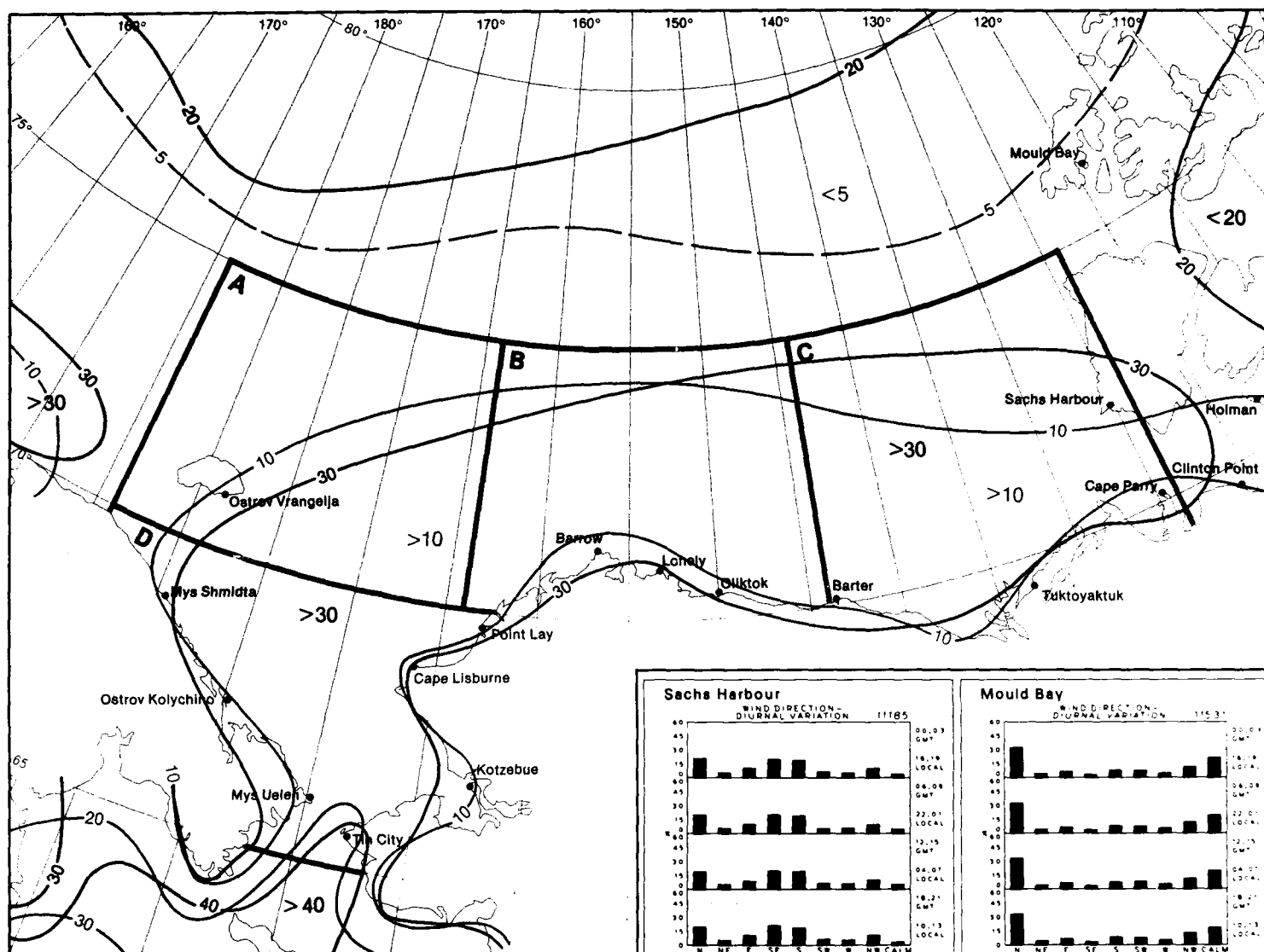
12 Wind Speed 11-21 and 22-33 Knots

November



December

12 Wind Direction and Diurnal Variation



12 Wind Speed 11-21 and 22-33 Knots

December

II-316

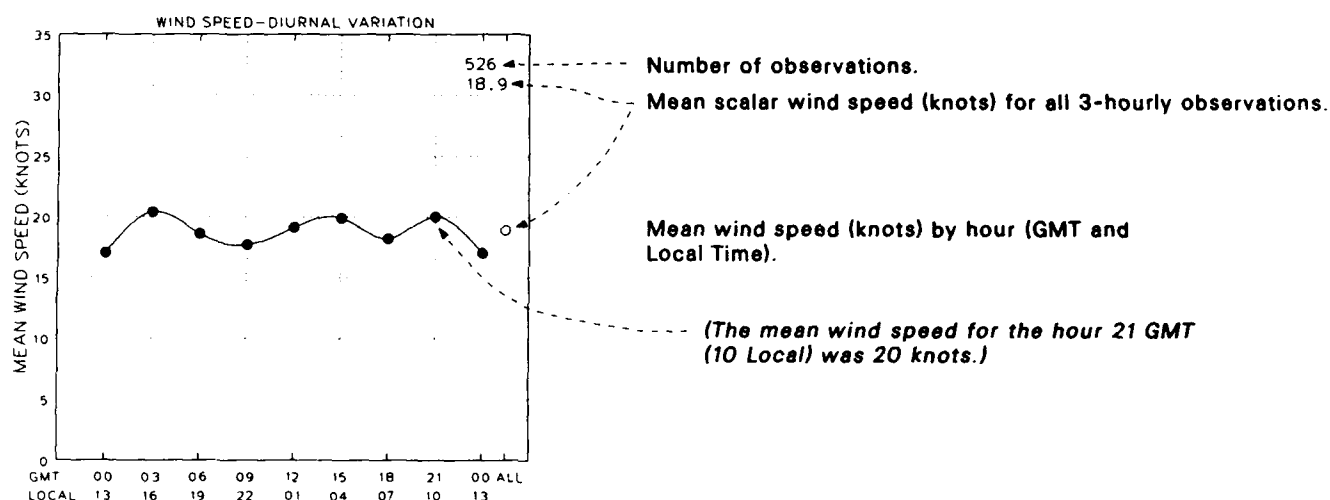
Map 13. Scalar mean wind speed and wind chill temperature $\leq -30^{\circ}\text{C}$

BLACK LINE — Mean scalar wind speed (knots).

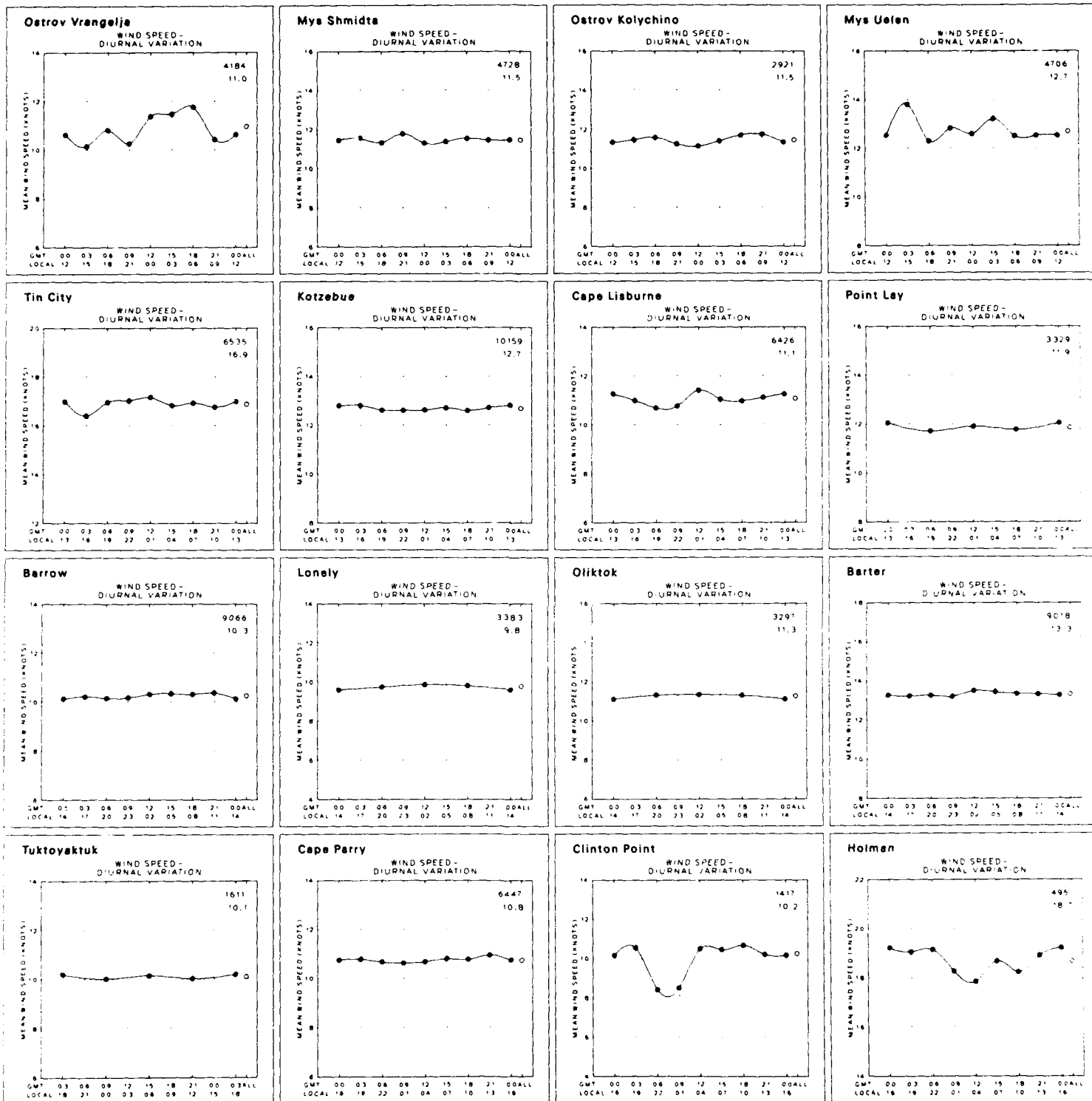
BLUE LINE — Percent frequency of wind chill temperature $\leq -30^{\circ}\text{C}$ ($\leq -22^{\circ}\text{F}$).

Albers Equal-Area Conic Projection

Graphs: Wind speed/diurnal variation

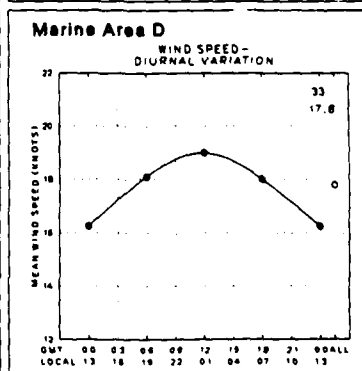
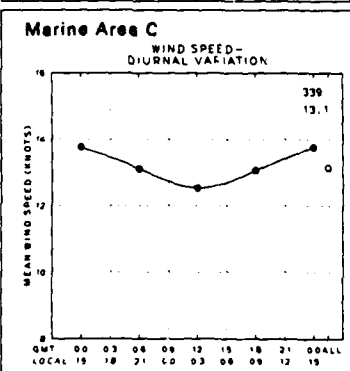
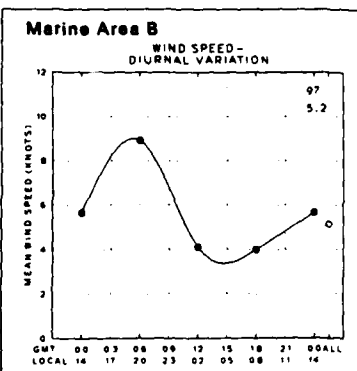
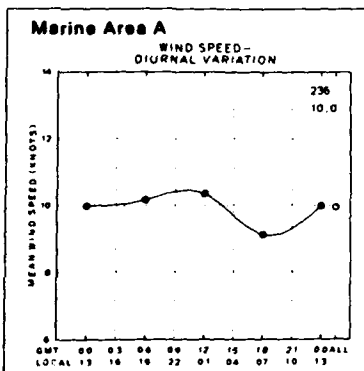
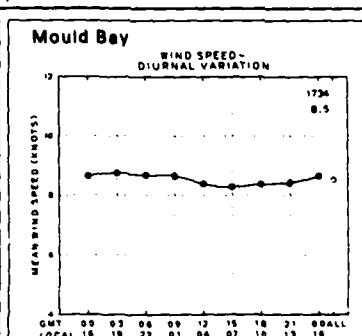
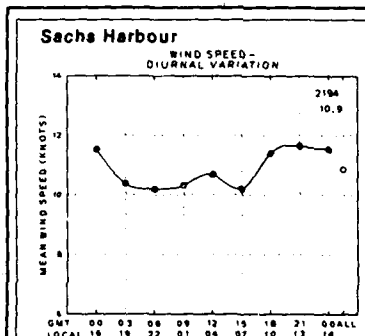
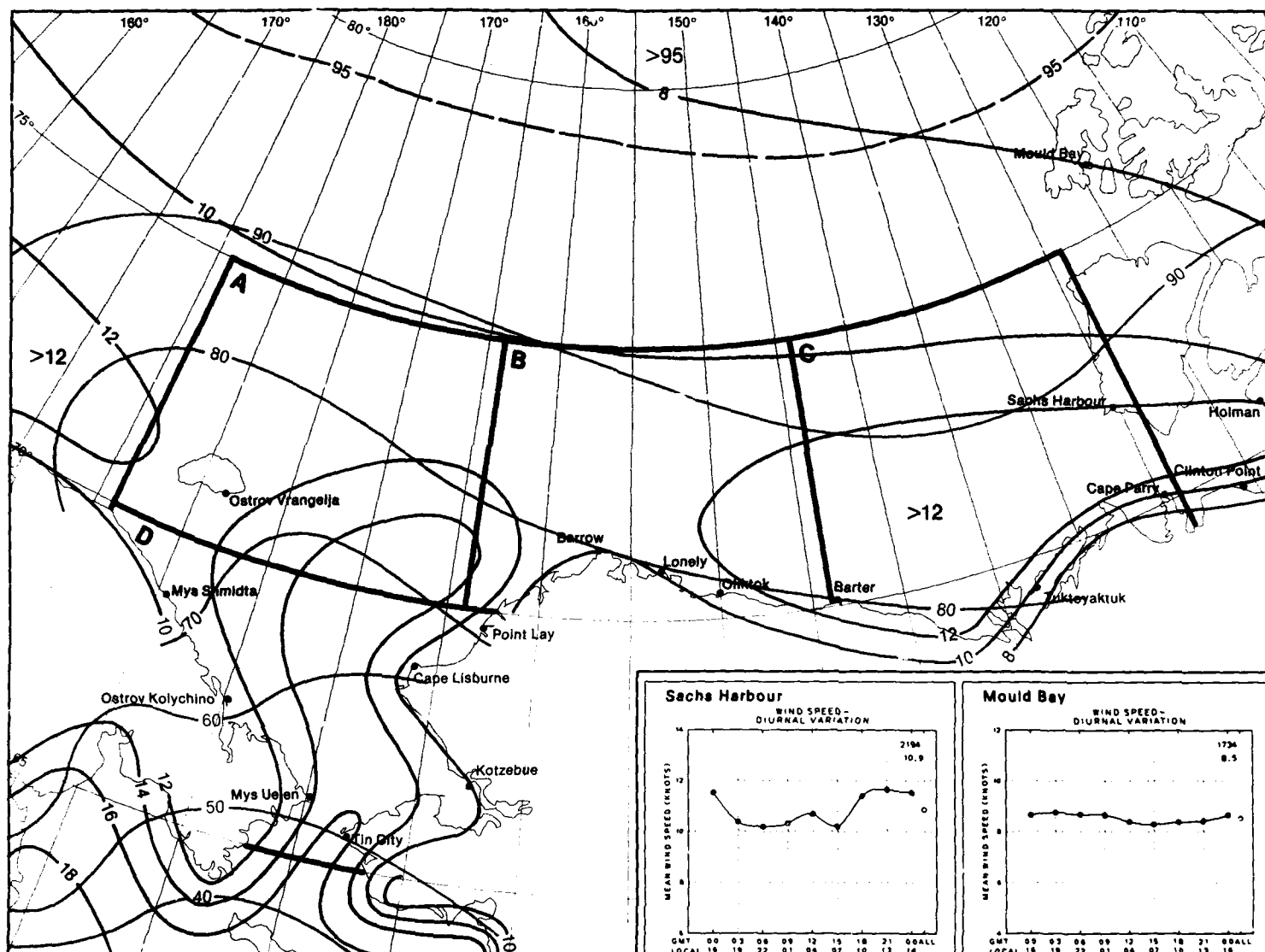


In areas of high persistence (also called constancy, steadiness) of direction, the magnitude of the vector mean wind (Set 10) should closely approach that of the scalar mean wind (set 13). As most of the marine observations are recorded at six-hour intervals (00, 06, 12, 18 GMT), intermediate hours (03, 09, 15, 21 GMT) were not plotted on the graphs for the marine areas. Intermediate hours were plotted for the stations, but users should use caution in interpreting plots for those few stations that reported less than eight observations per day—see the data inventory in the introductory text for Section II.



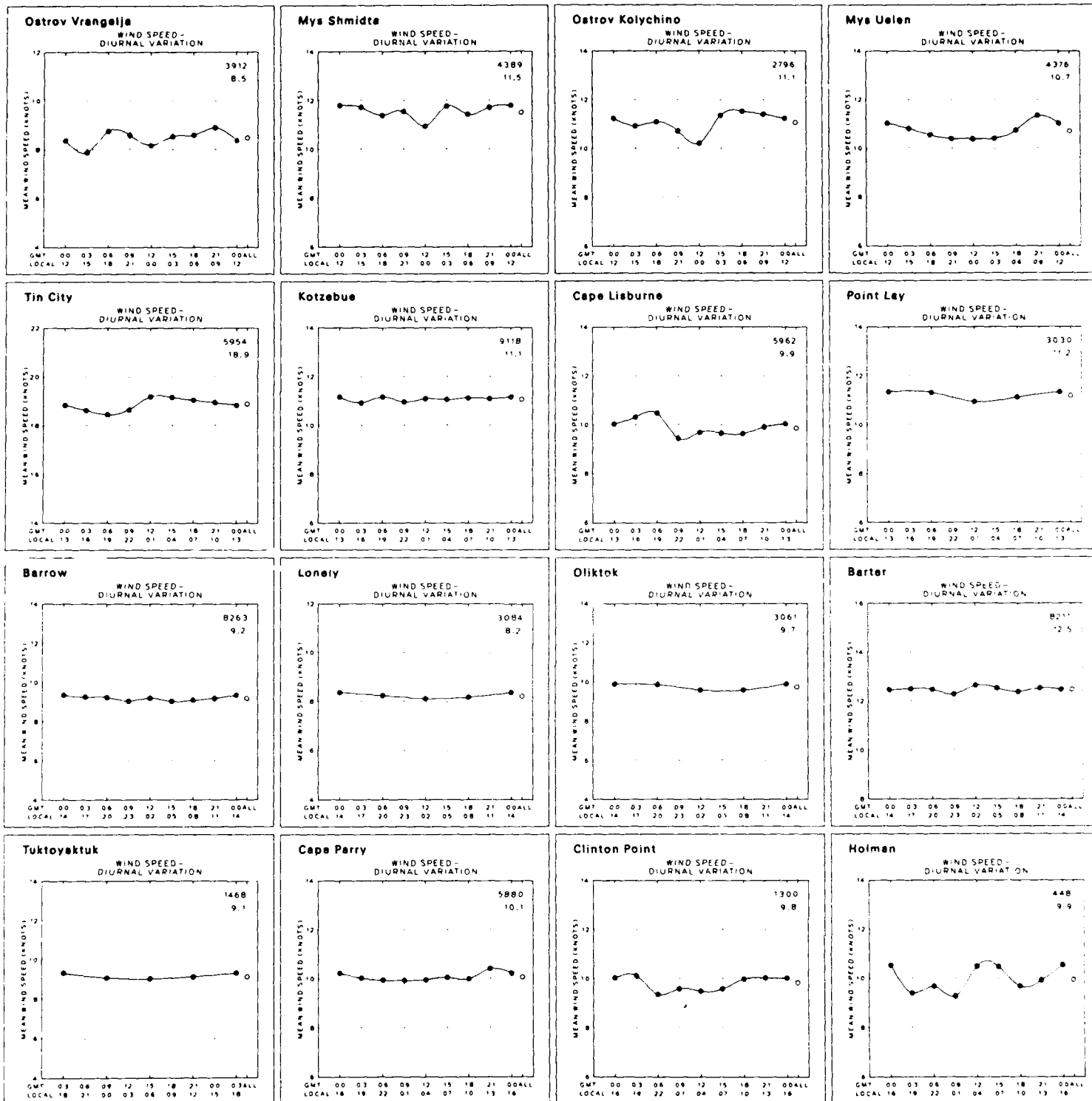
January

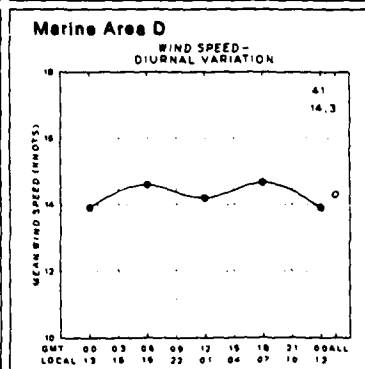
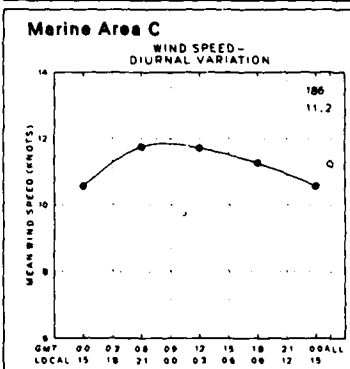
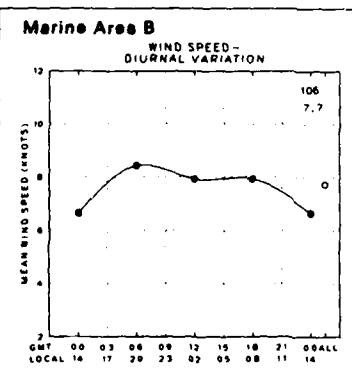
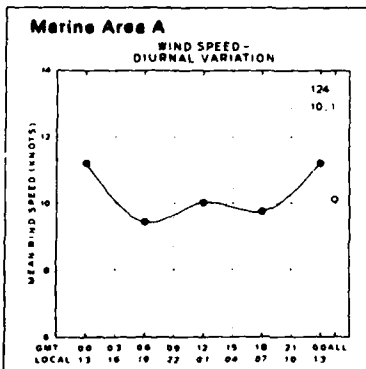
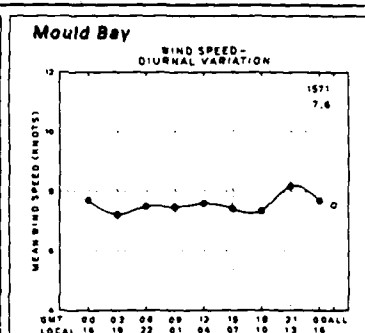
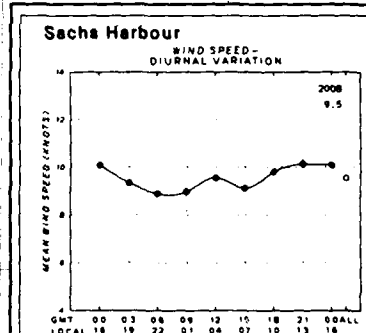
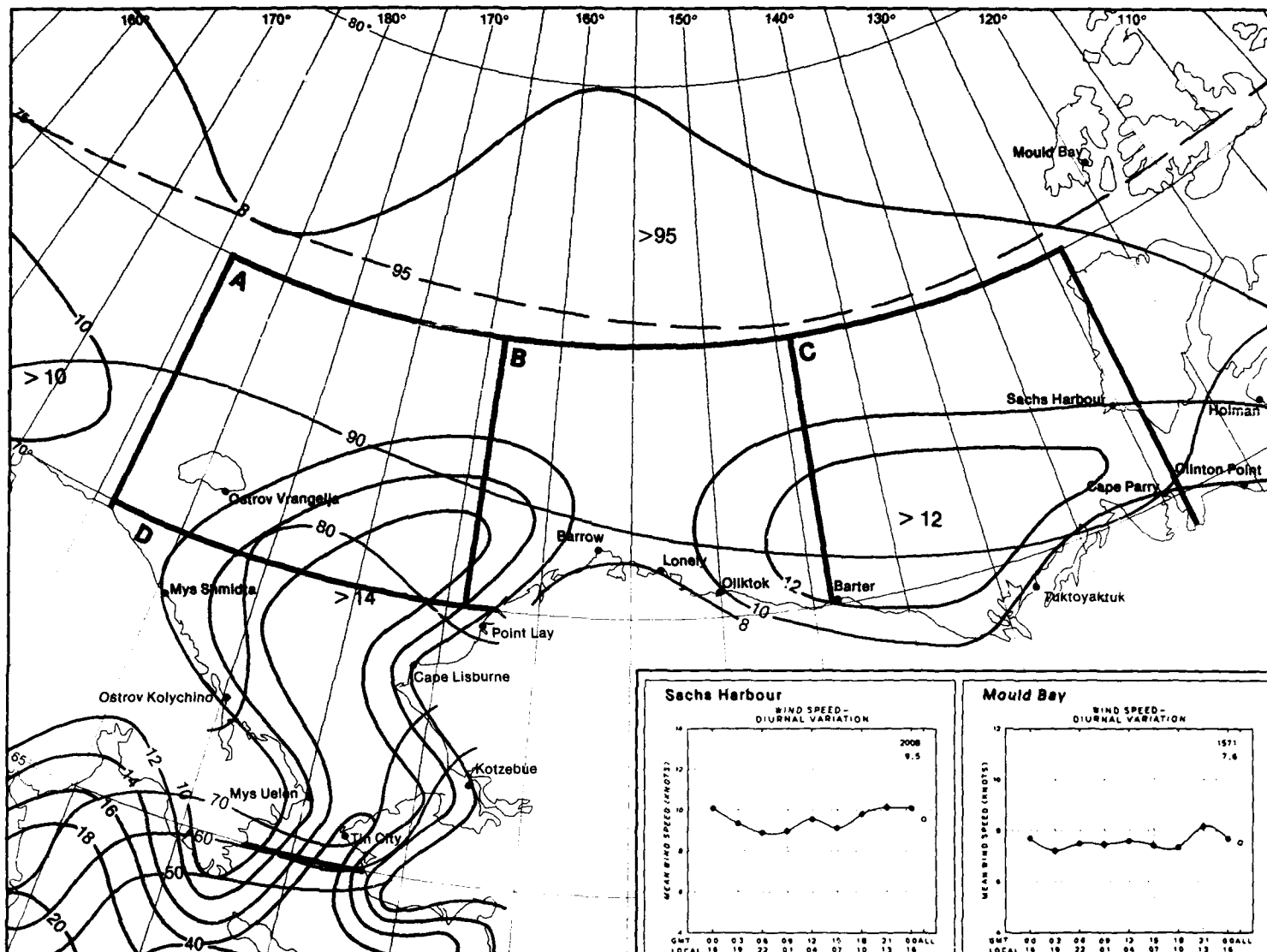
13 Wind Speed and Diurnal Variation



13 Scalar Mean Wind and Wind Chill Temperature $\leq -30^{\circ}\text{C}$

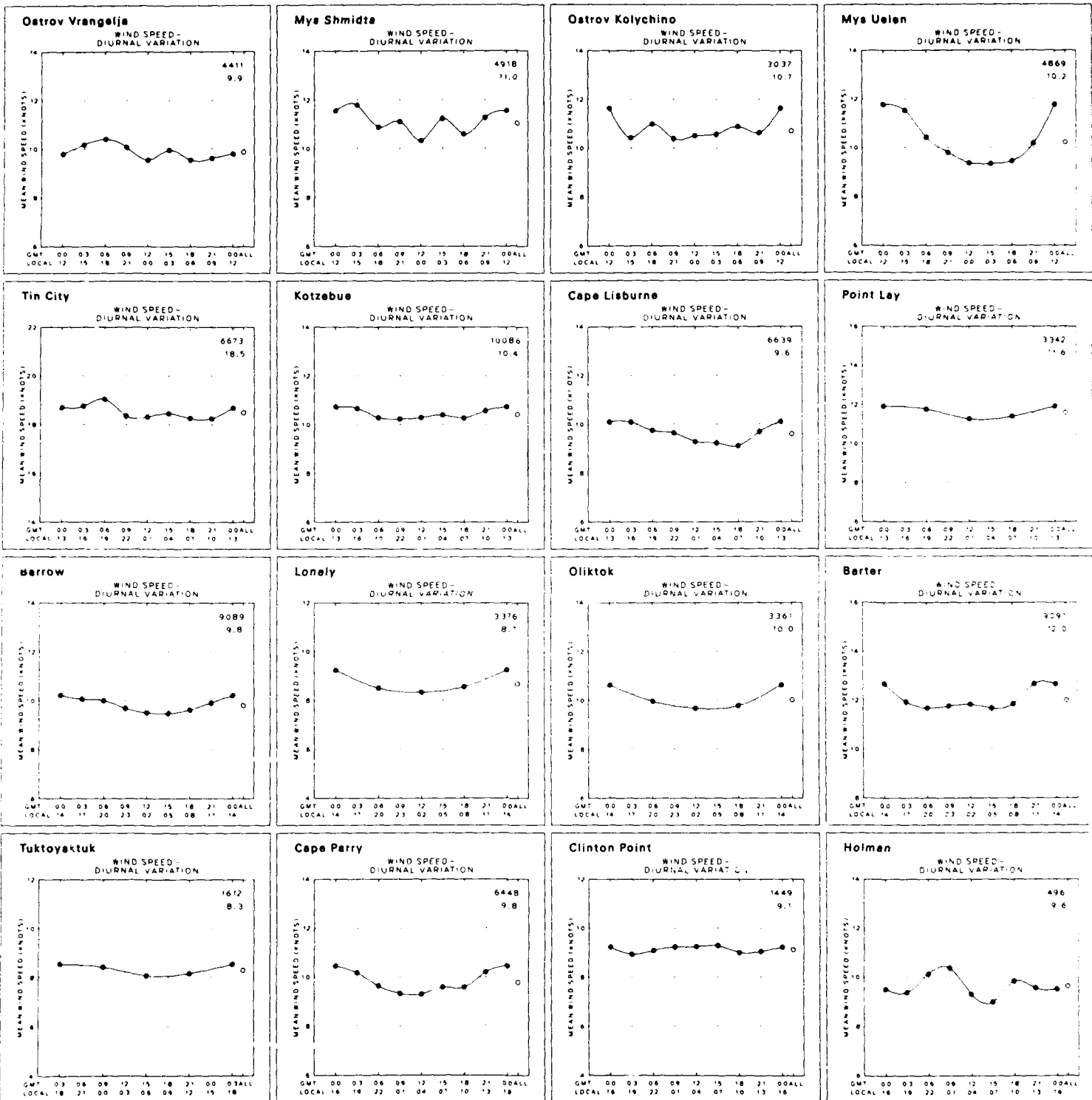
January





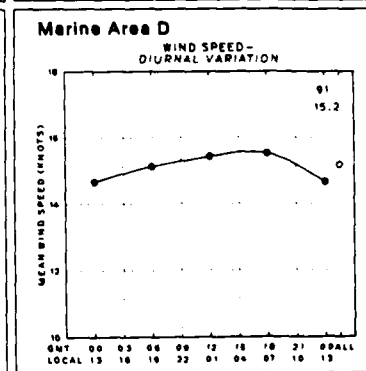
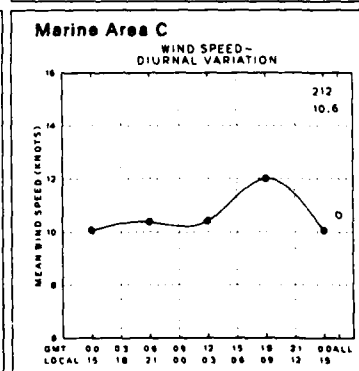
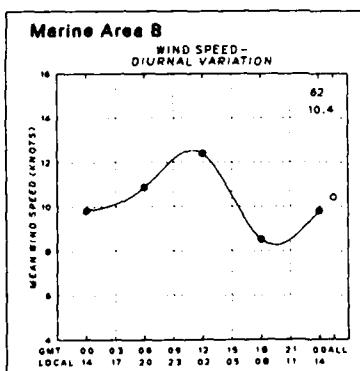
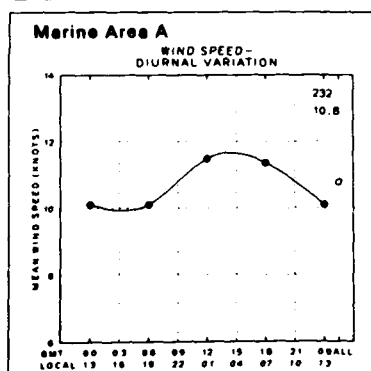
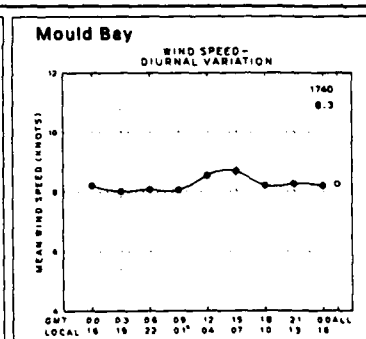
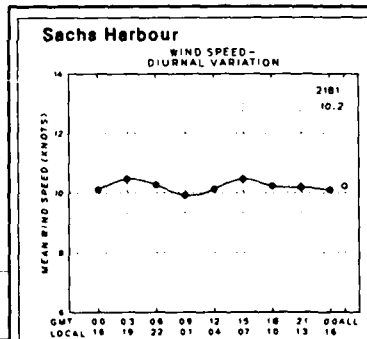
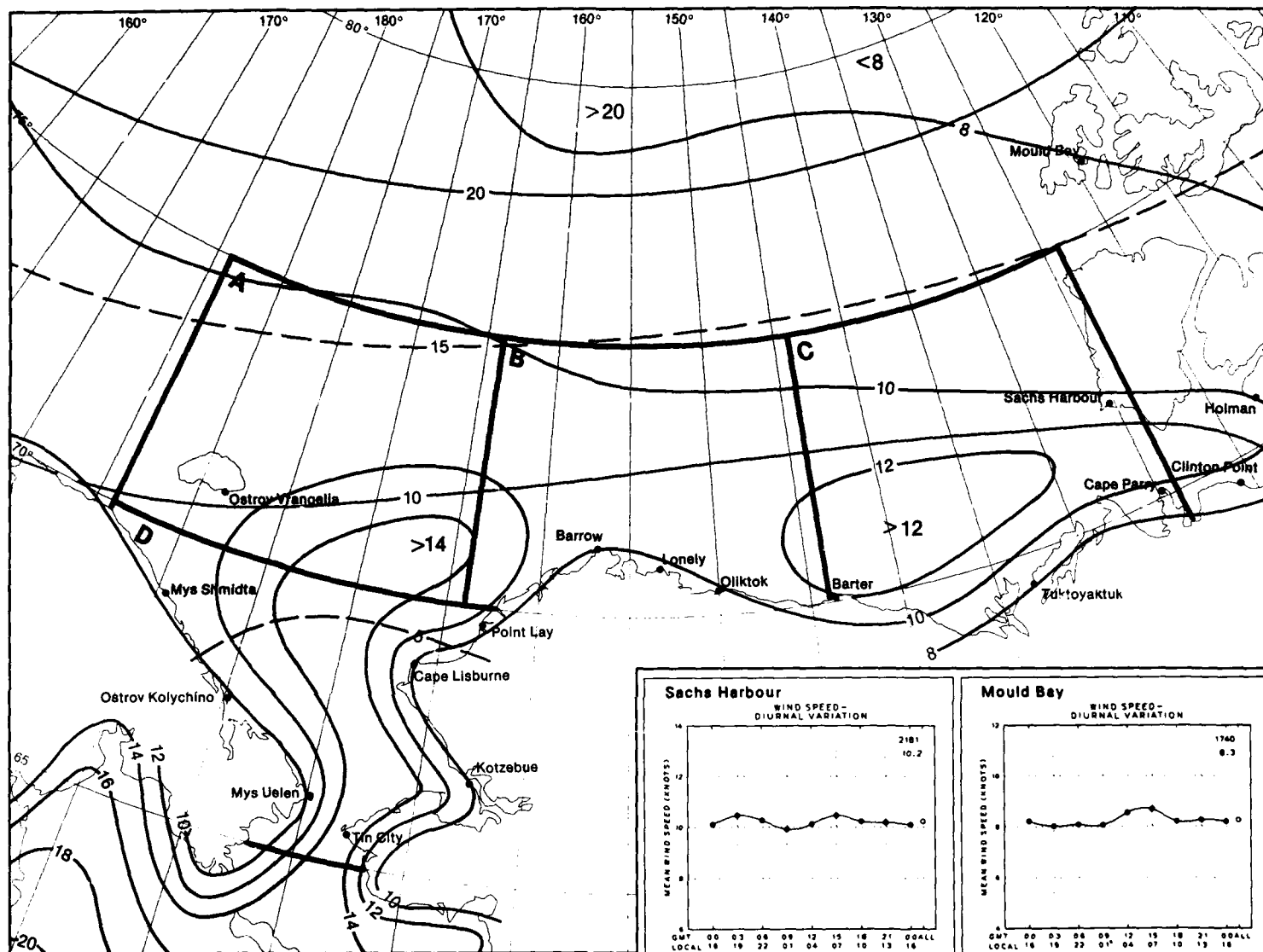
13 Scalar Mean Wind and Wind Chill Temperature $\leq -30^{\circ}\text{C}$

February



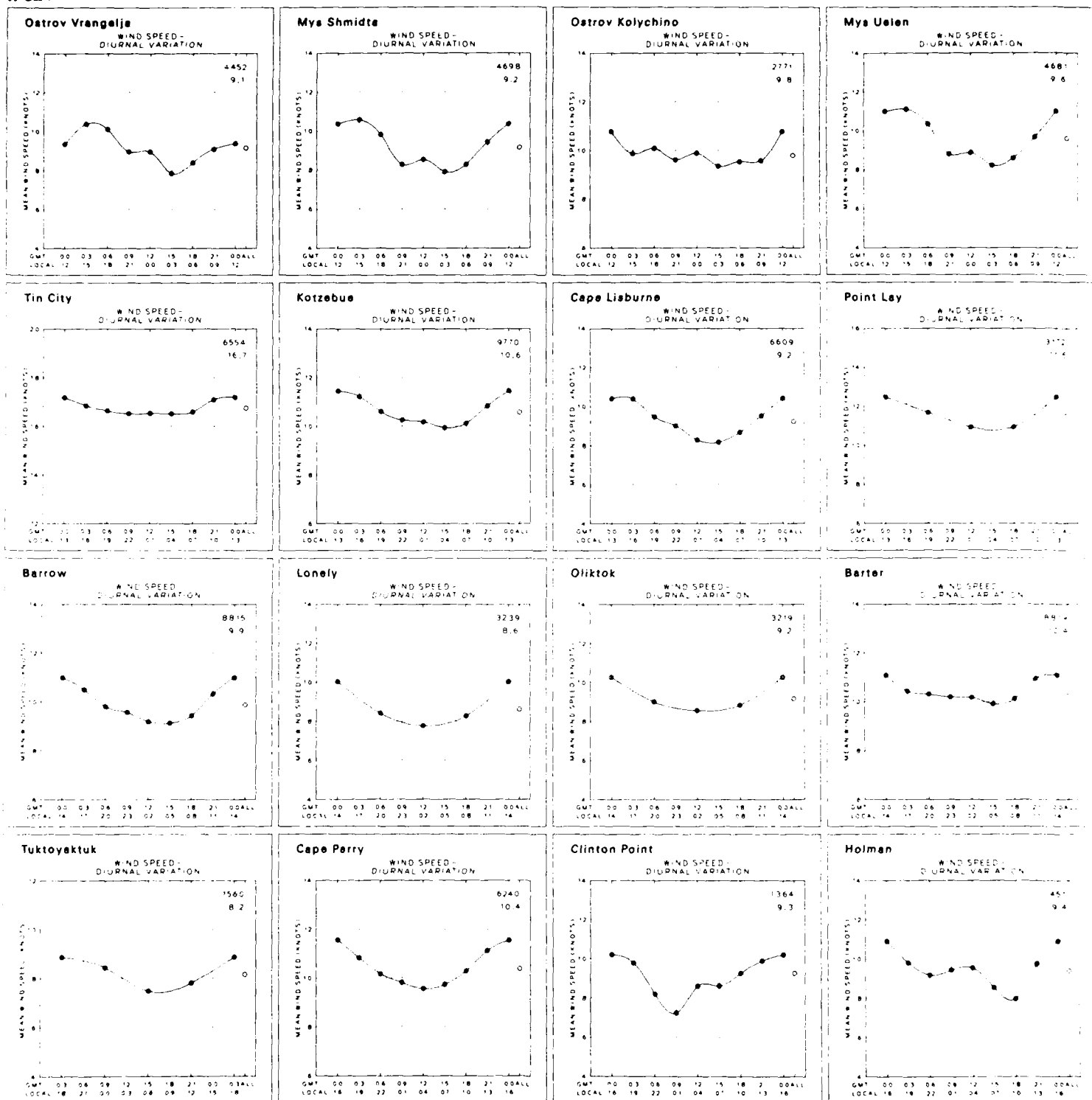
March

13 Wind Speed and Diurnal Variatic



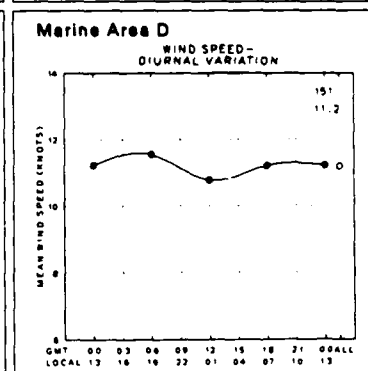
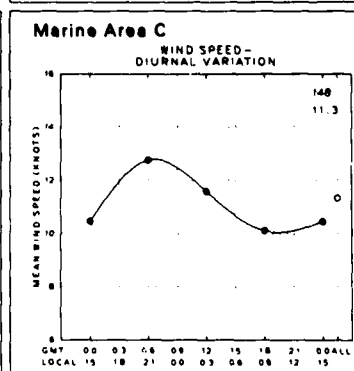
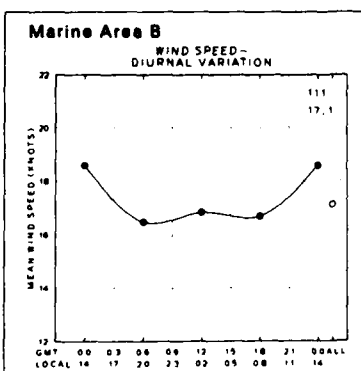
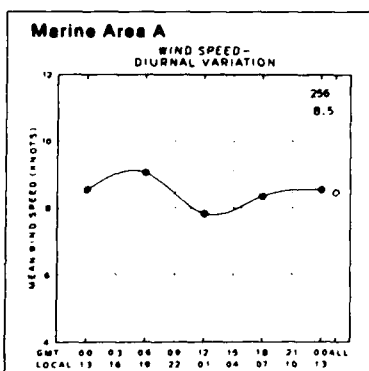
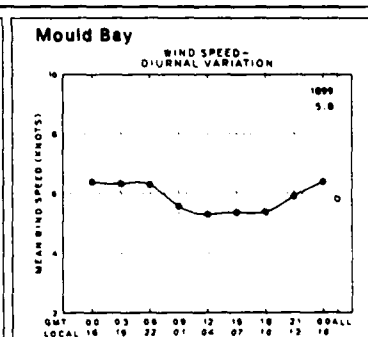
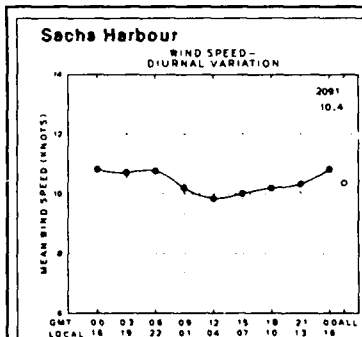
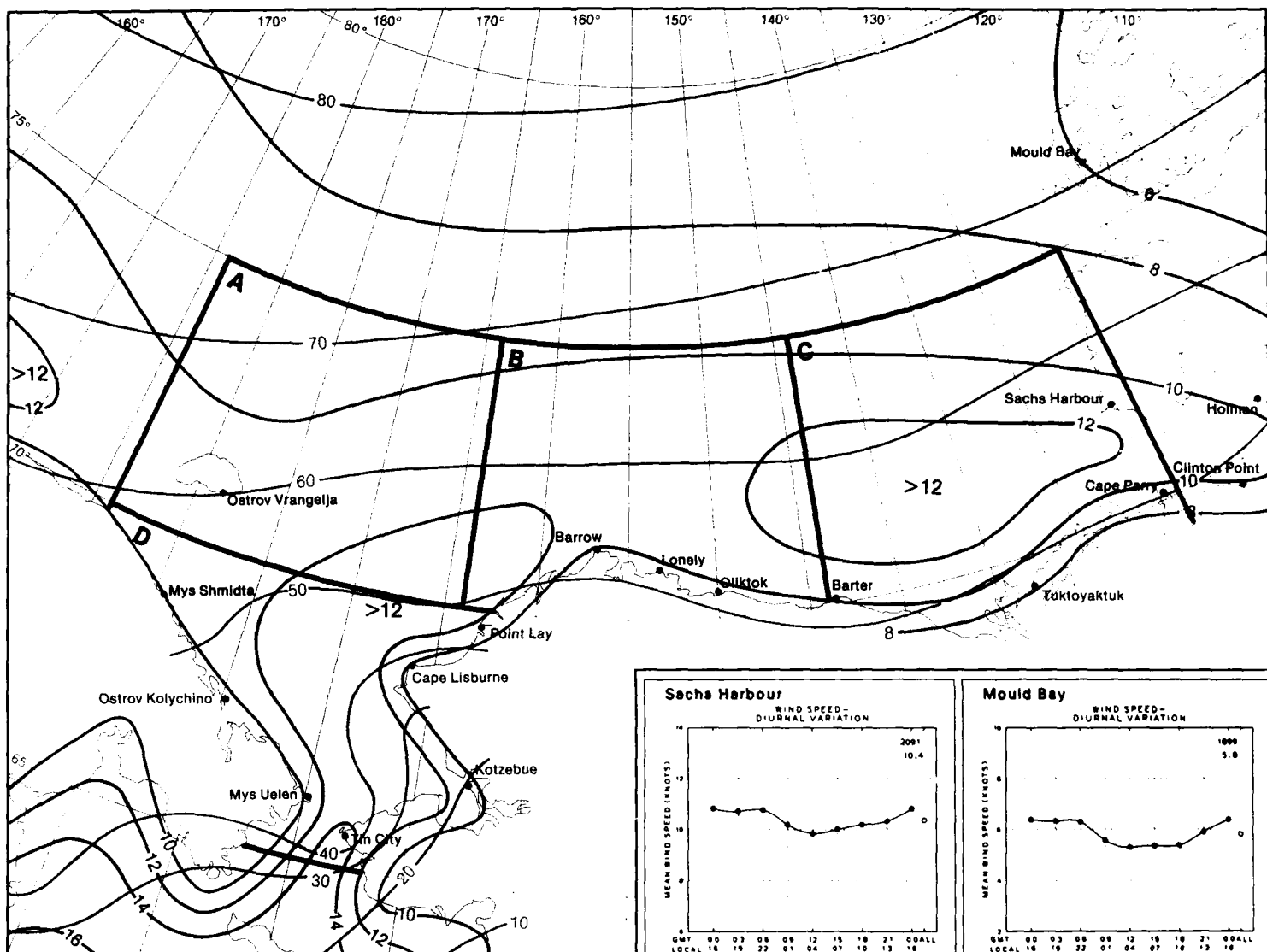
13 Scalar Mean Wind and Wind Chill Temperature $\leq -30^{\circ}\text{C}$

March



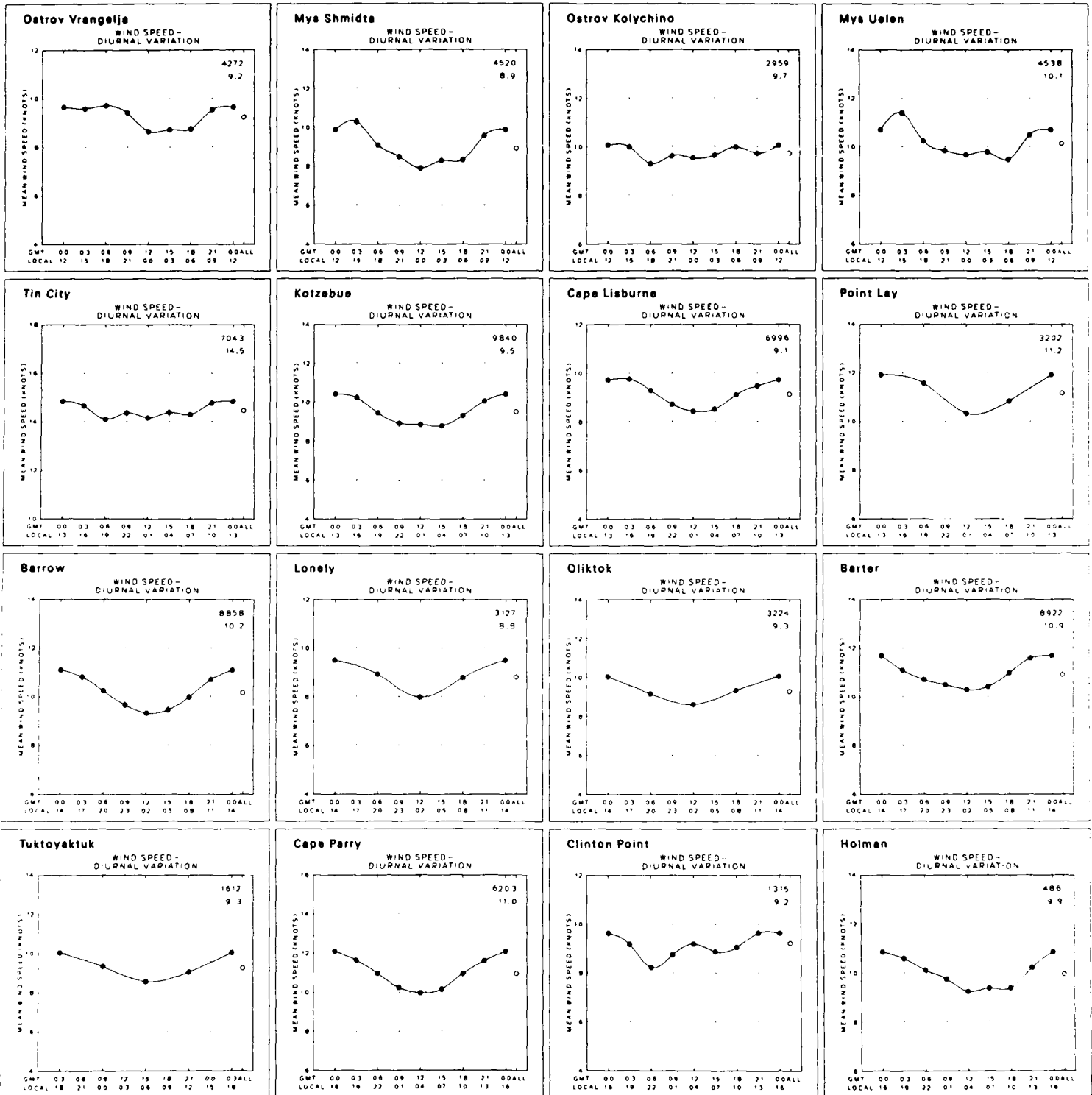
April

13 Wind Speed and Diurnal Variation



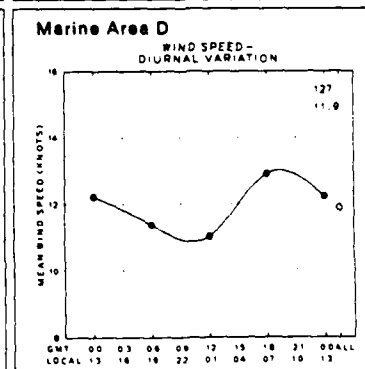
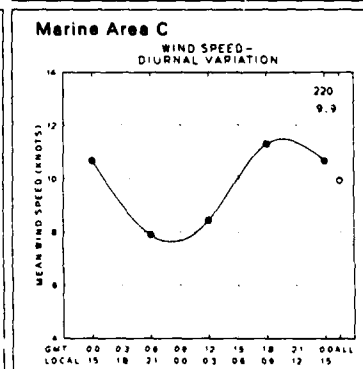
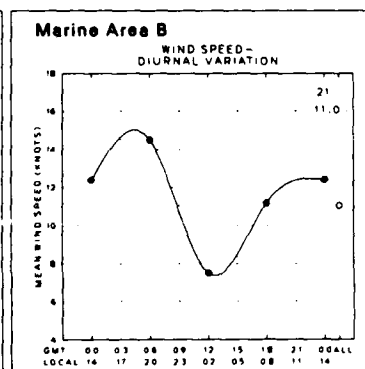
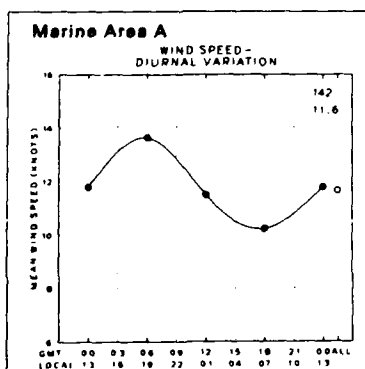
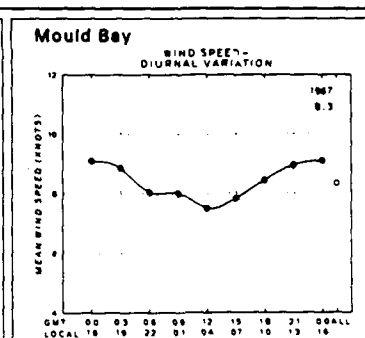
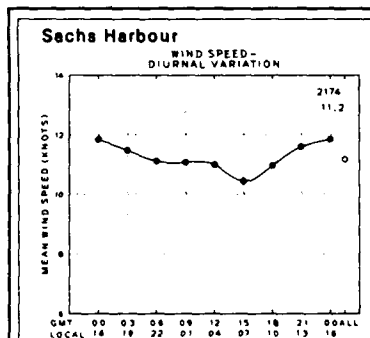
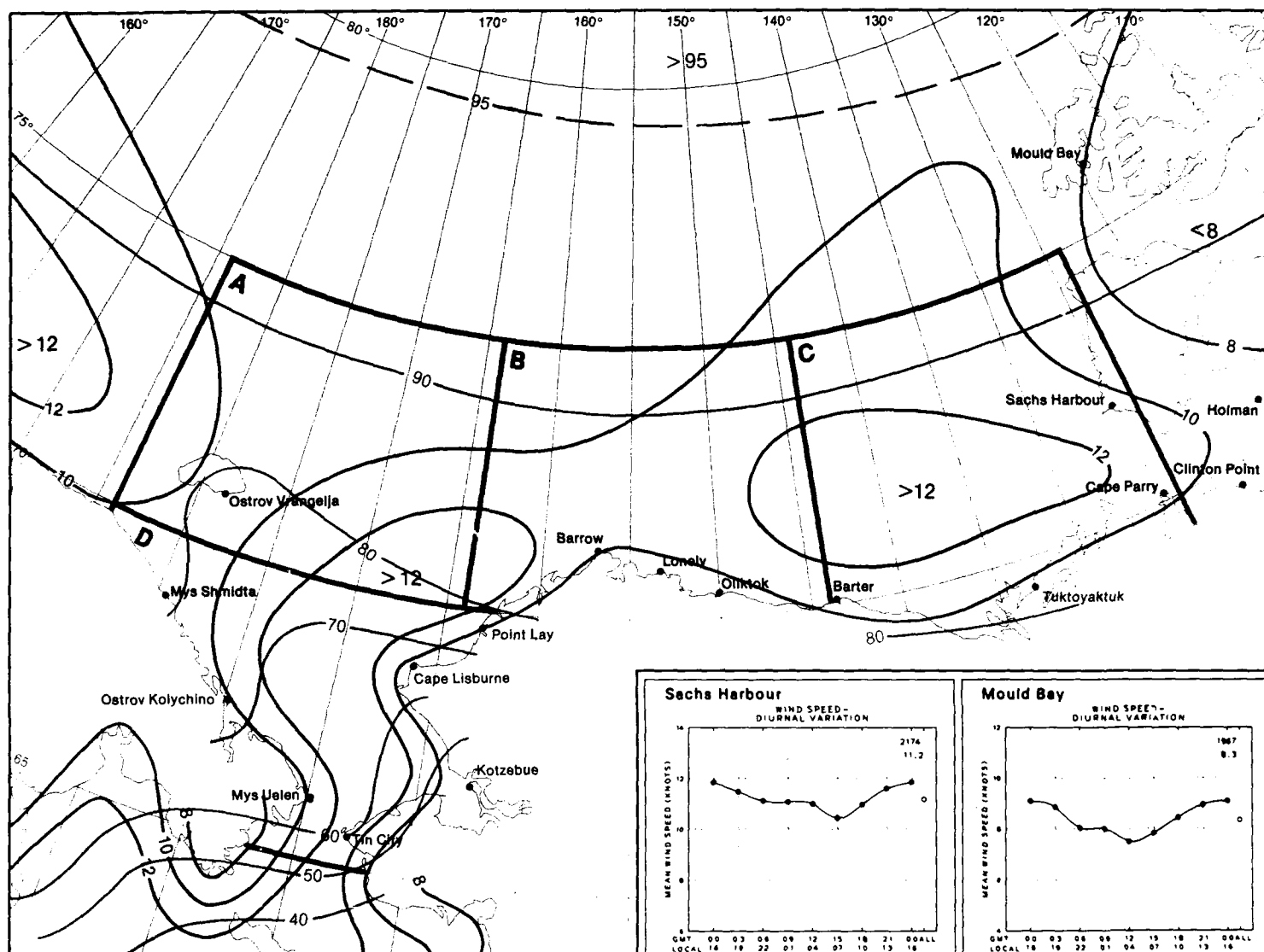
13 Scalar Mean Wind and Wind Chill Temperature $\leq -30^{\circ}\text{C}$

April



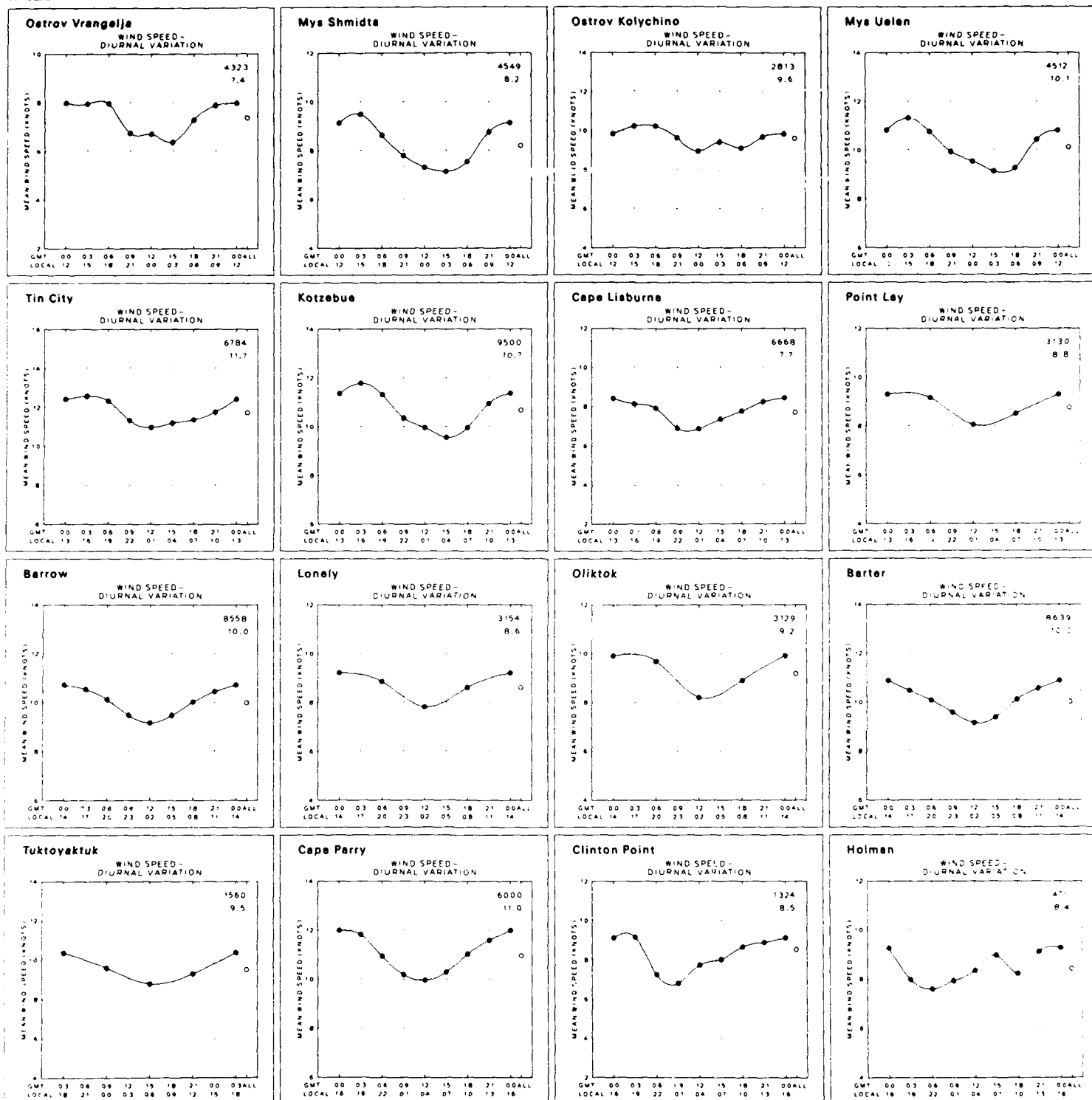
May

13 Wind Speed and Diurnal Variation



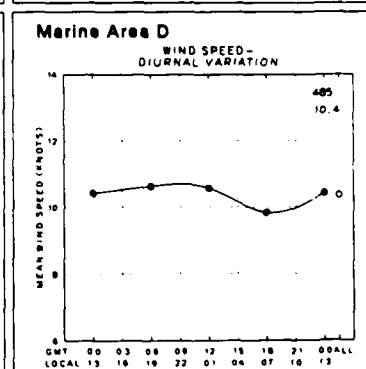
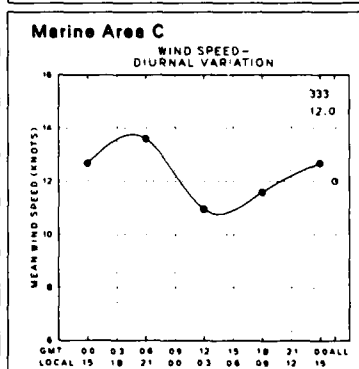
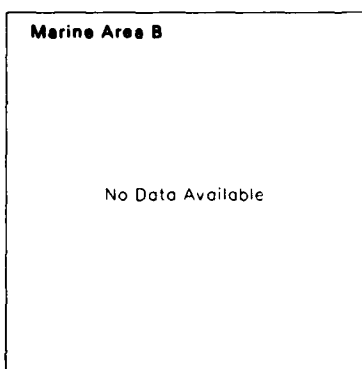
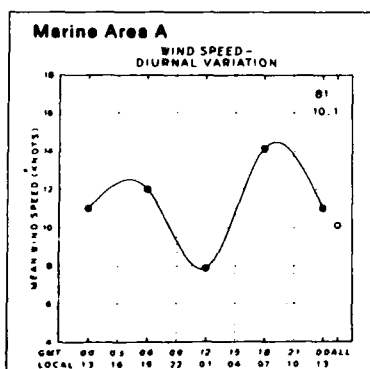
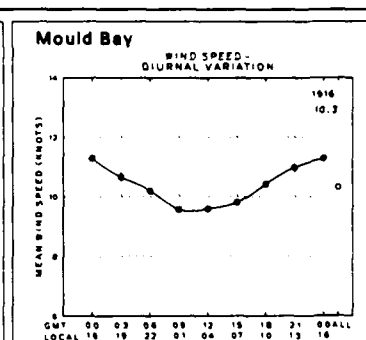
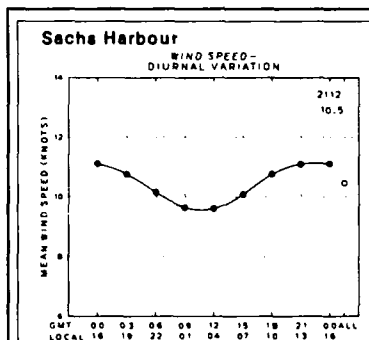
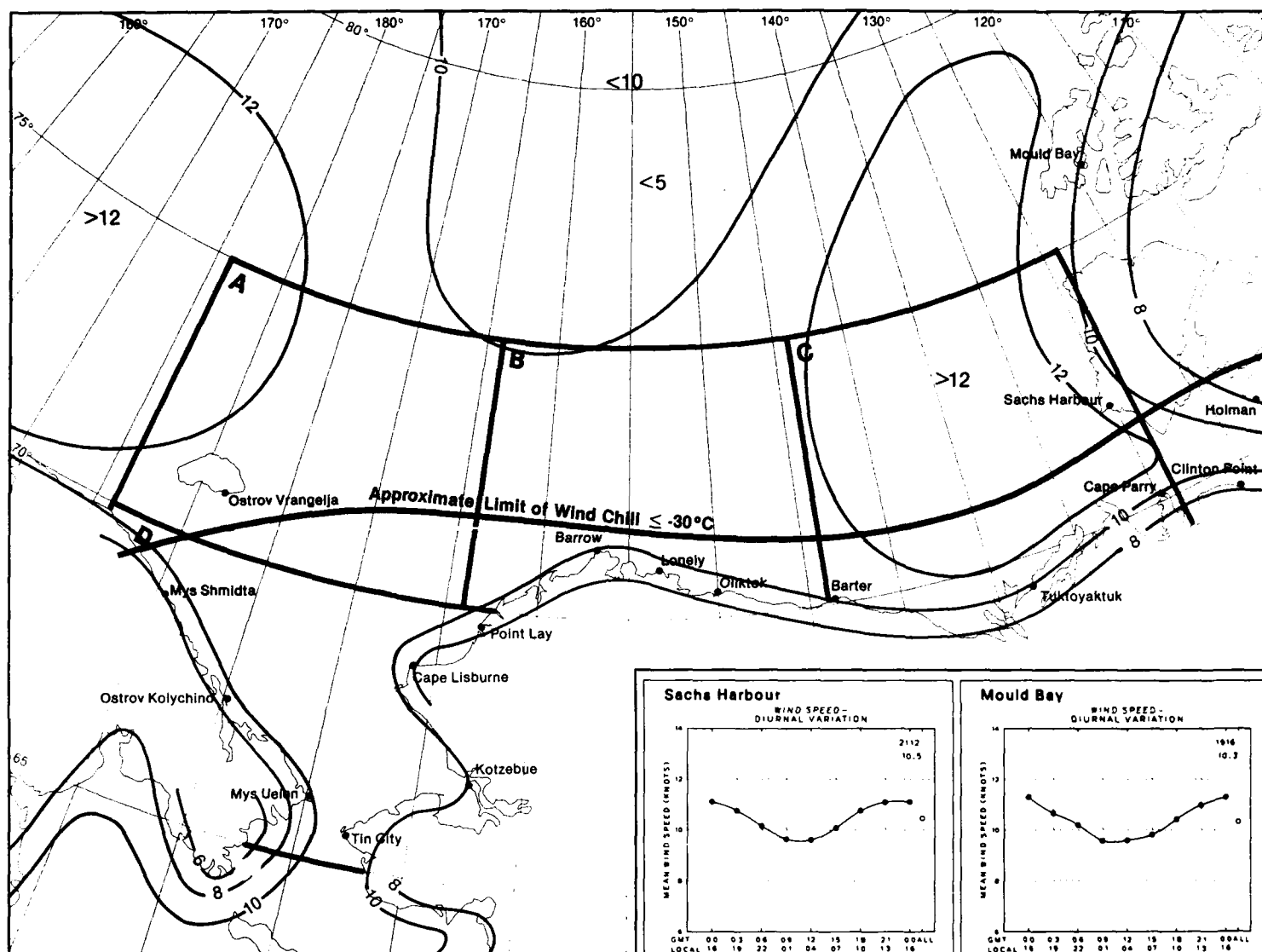
13 Scalar Mean Wind and Wind Chill Temperature $\geq -30^{\circ}\text{C}$

May

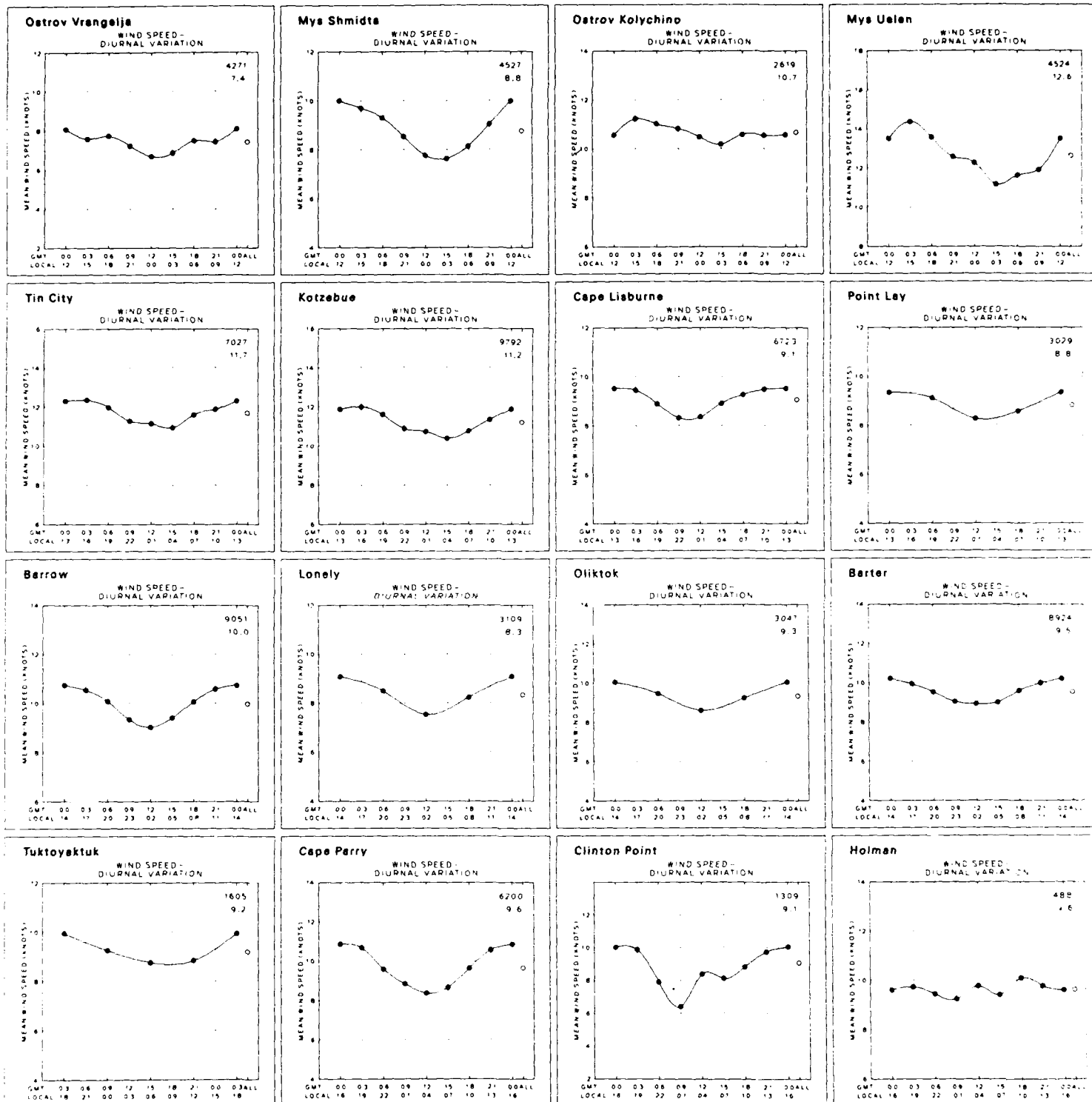


June

13 Wind Speed and Diurnal Variation

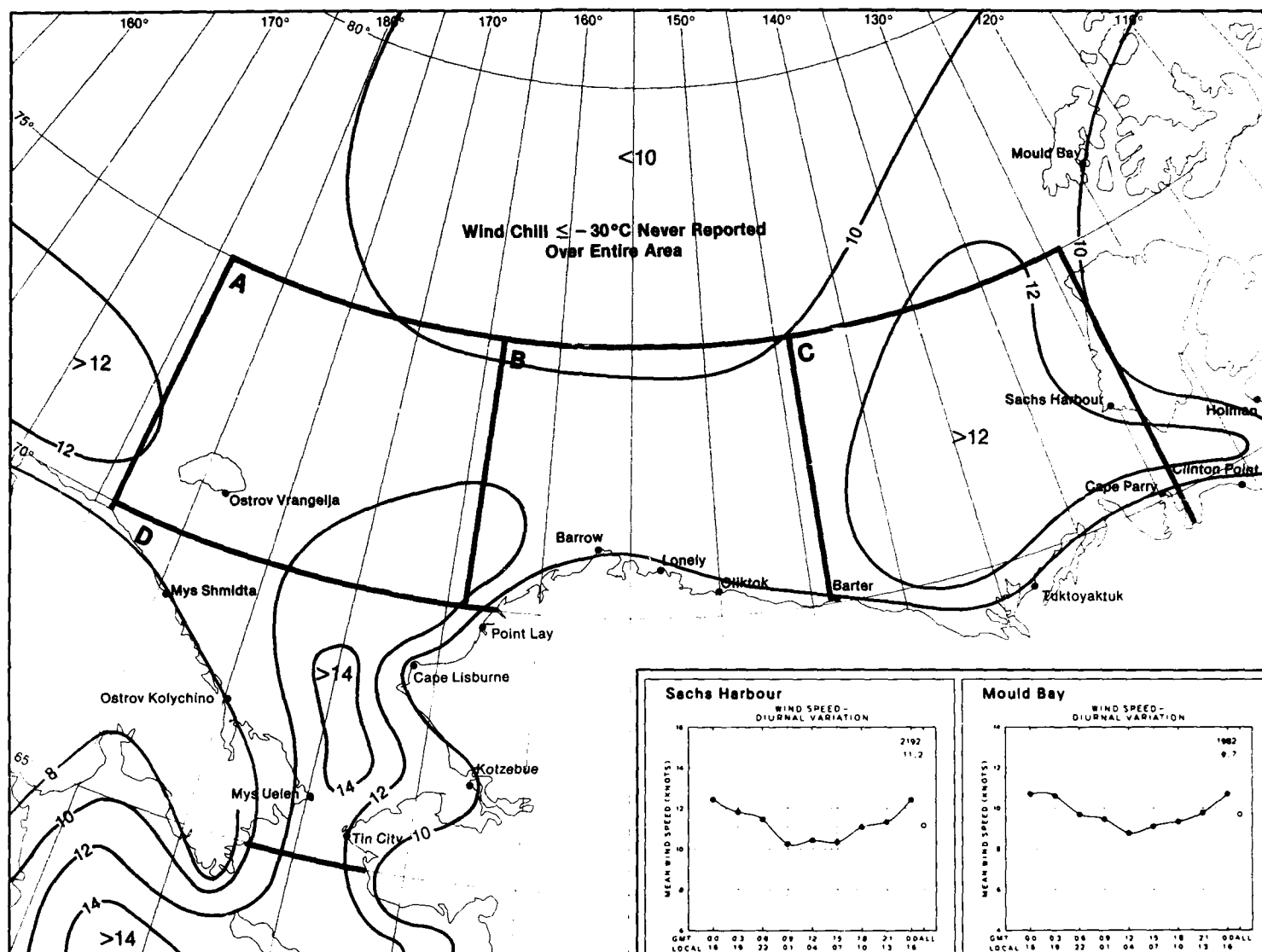

13 Scalar Mean Wind and Wind Chill Temperature $\leq -30^{\circ}\text{C}$

June

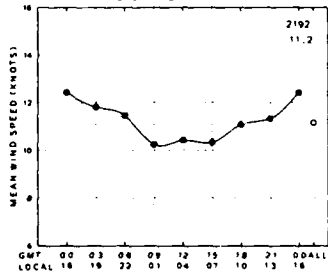


July

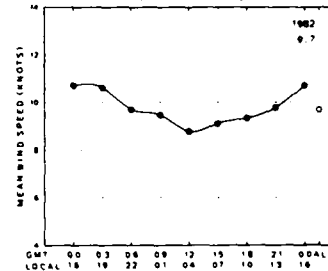
13 Wind Speed and Diurnal Variatio



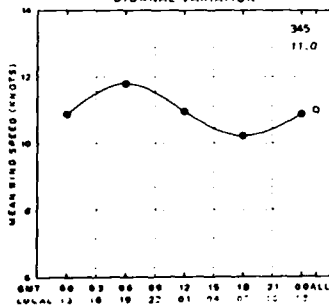
Sachs Harbour

WIND SPEED -
DIURNAL VARIATION


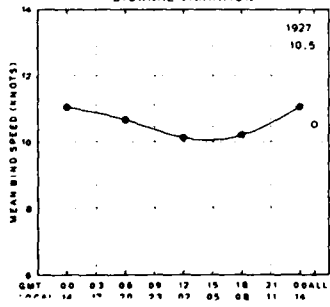
Mould Bay

WIND SPEED -
DIURNAL VARIATION


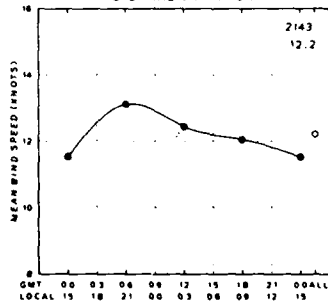
Marine Area A

WIND SPEED -
DIURNAL VARIATION


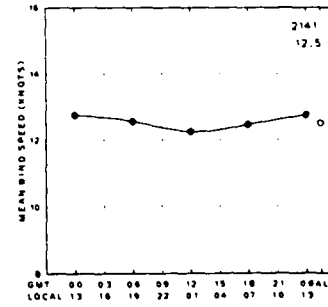
Marine Area B

WIND SPEED -
DIURNAL VARIATION


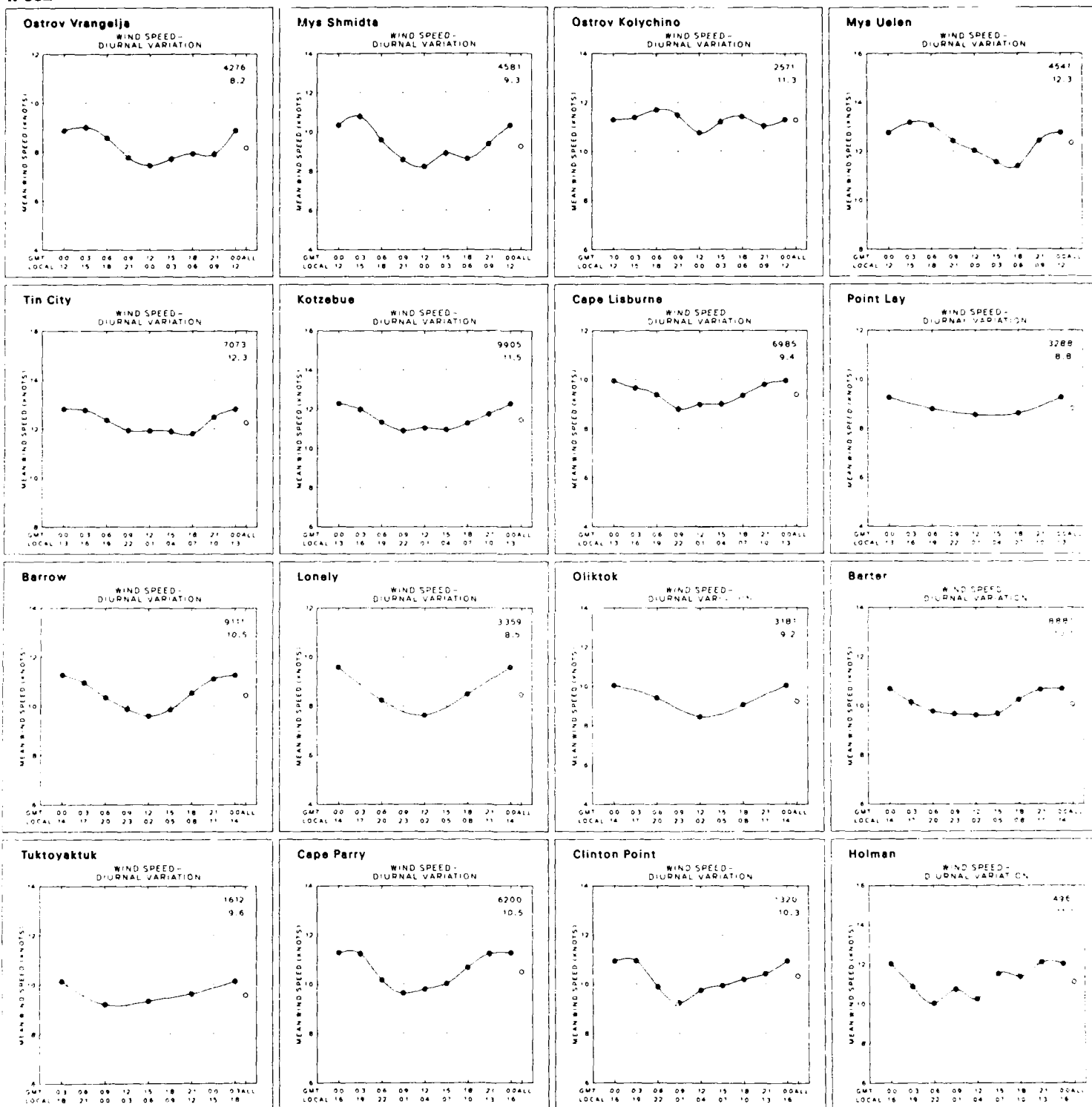
Marine Area C

WIND SPEED -
DIURNAL VARIATION


Marine Area D

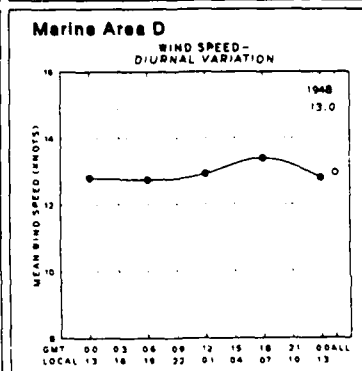
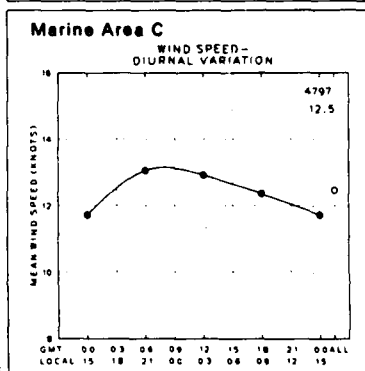
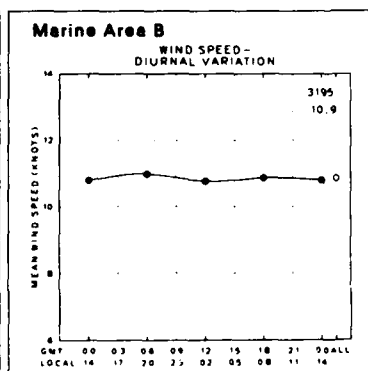
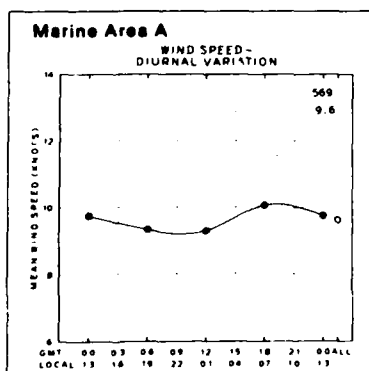
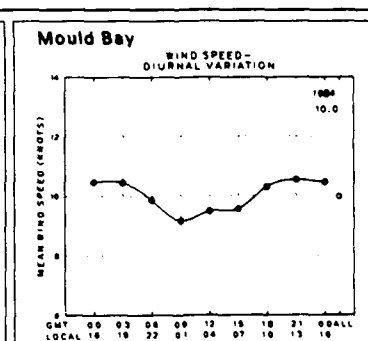
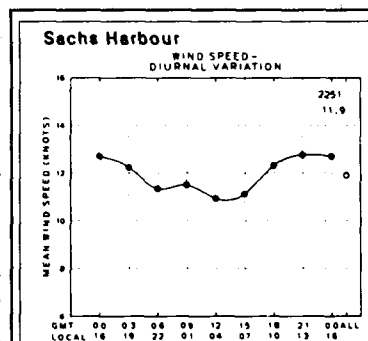
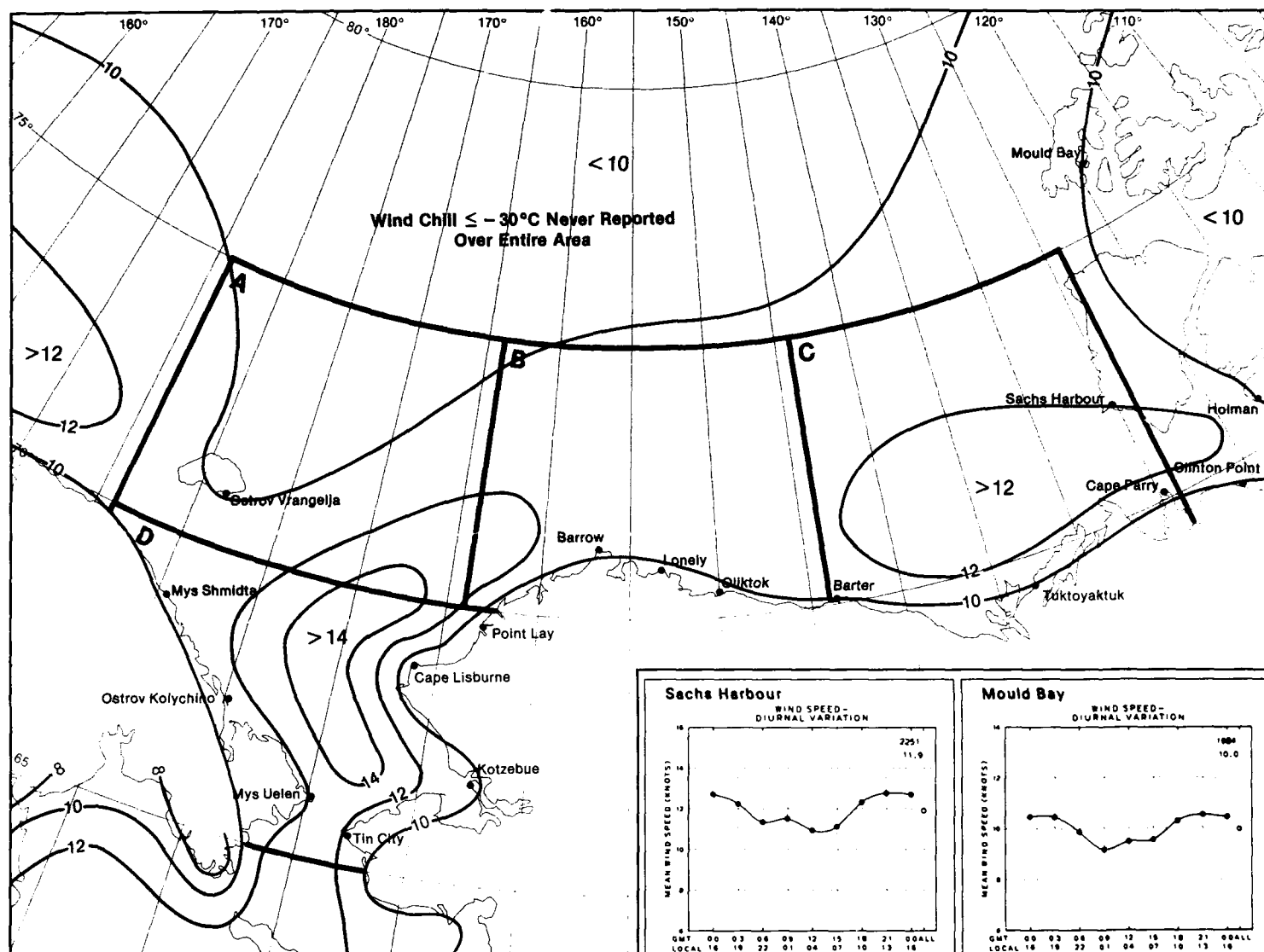
WIND SPEED -
DIURNAL VARIATION

13 Scalar Mean Wind and Wind Chill Temperature $\leq -30^{\circ}\text{C}$

July

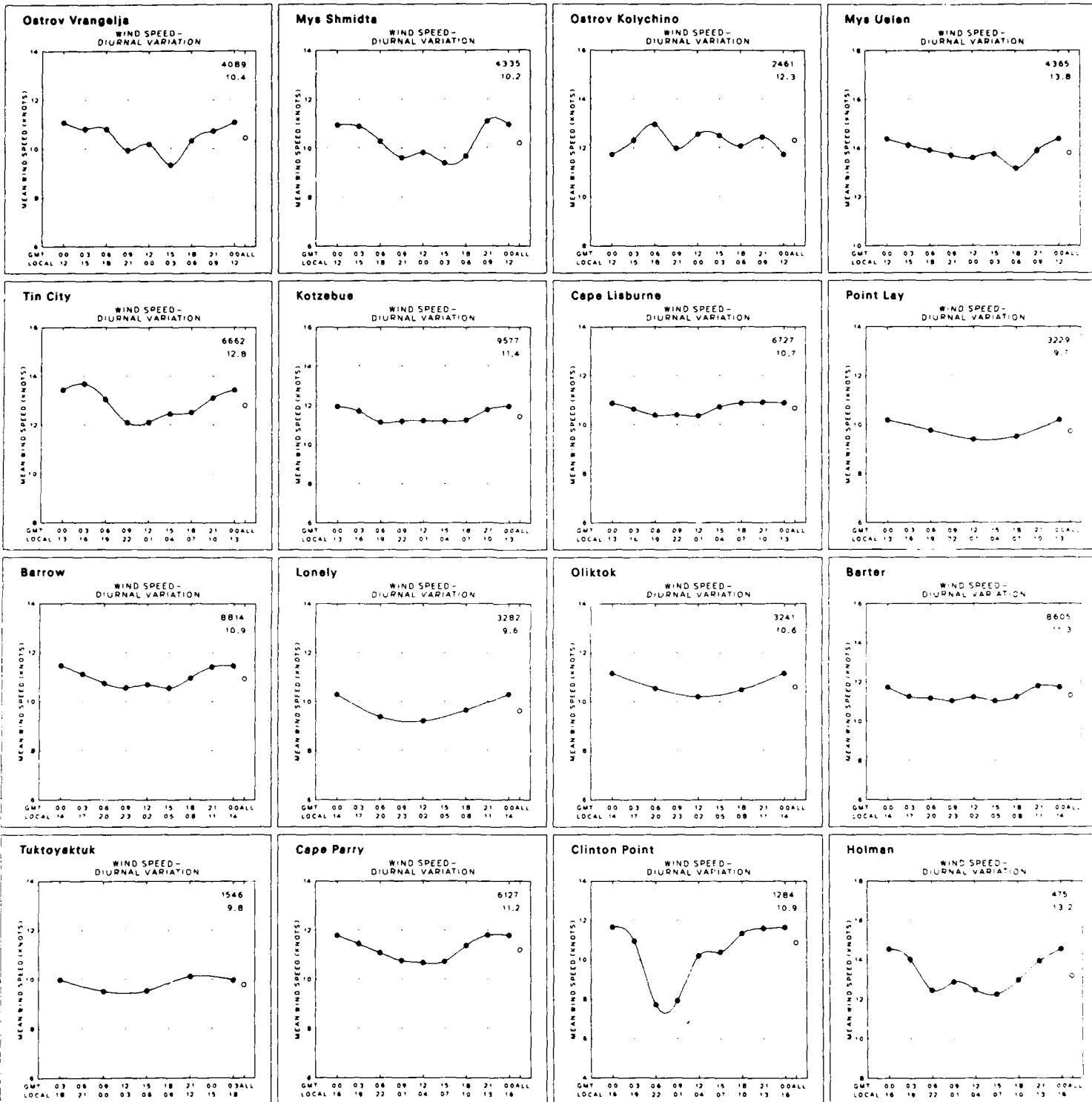


August

13 Wind Speed and Diurnal Variato

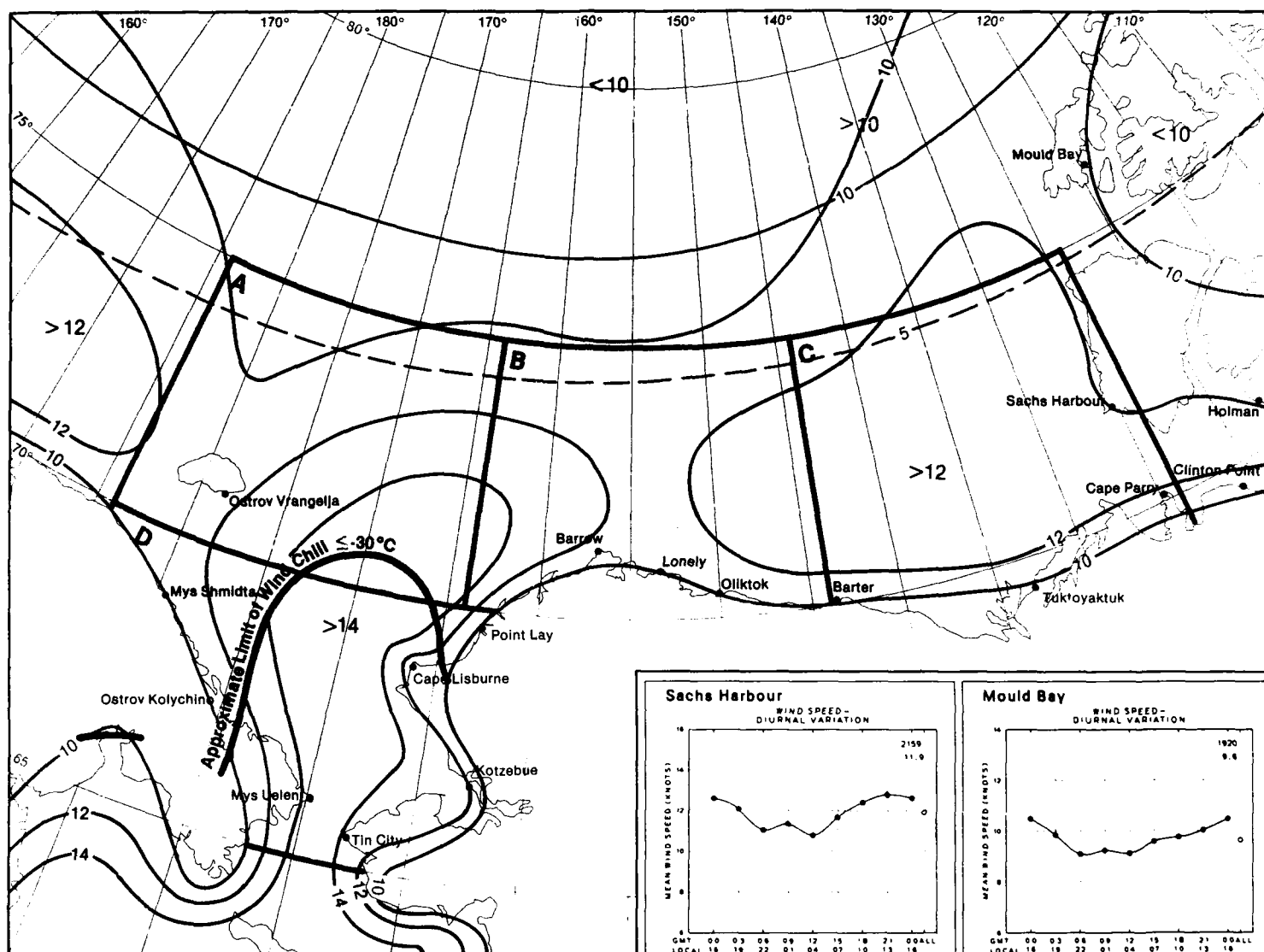
13 Scalar Mean Wind and Wind Chill Temperature $\leq -30^{\circ}\text{C}$

August

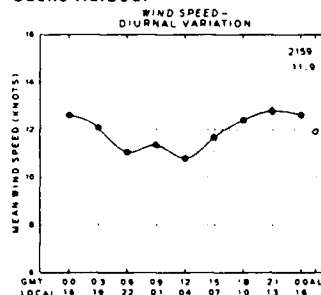


September

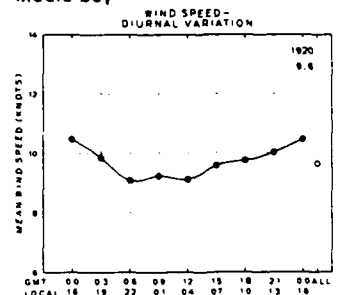
13 Wind Speed and Diurnal Variato



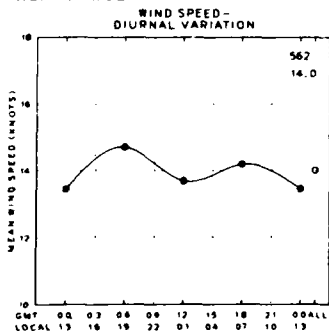
Sachs Harbour



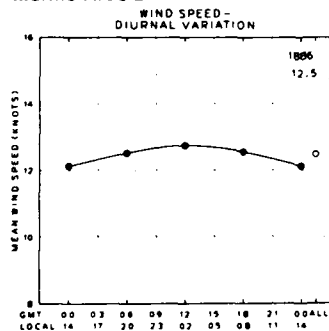
Mould Bay



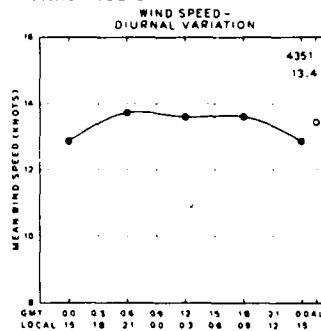
Marine Area A



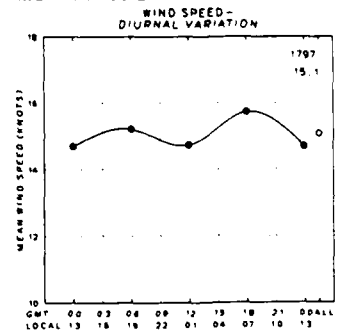
Marine Area B



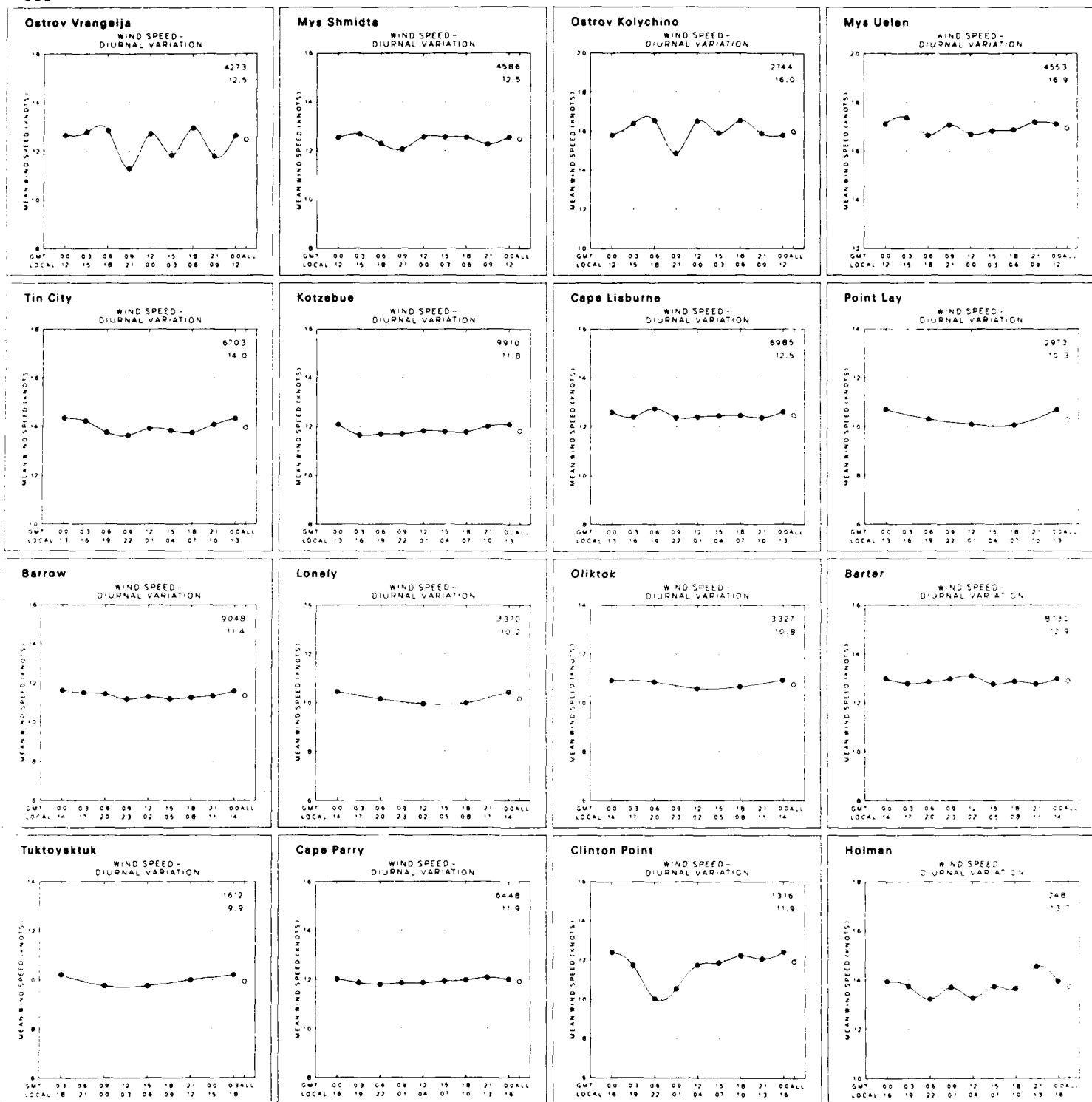
Marine Area C



Marine Area D

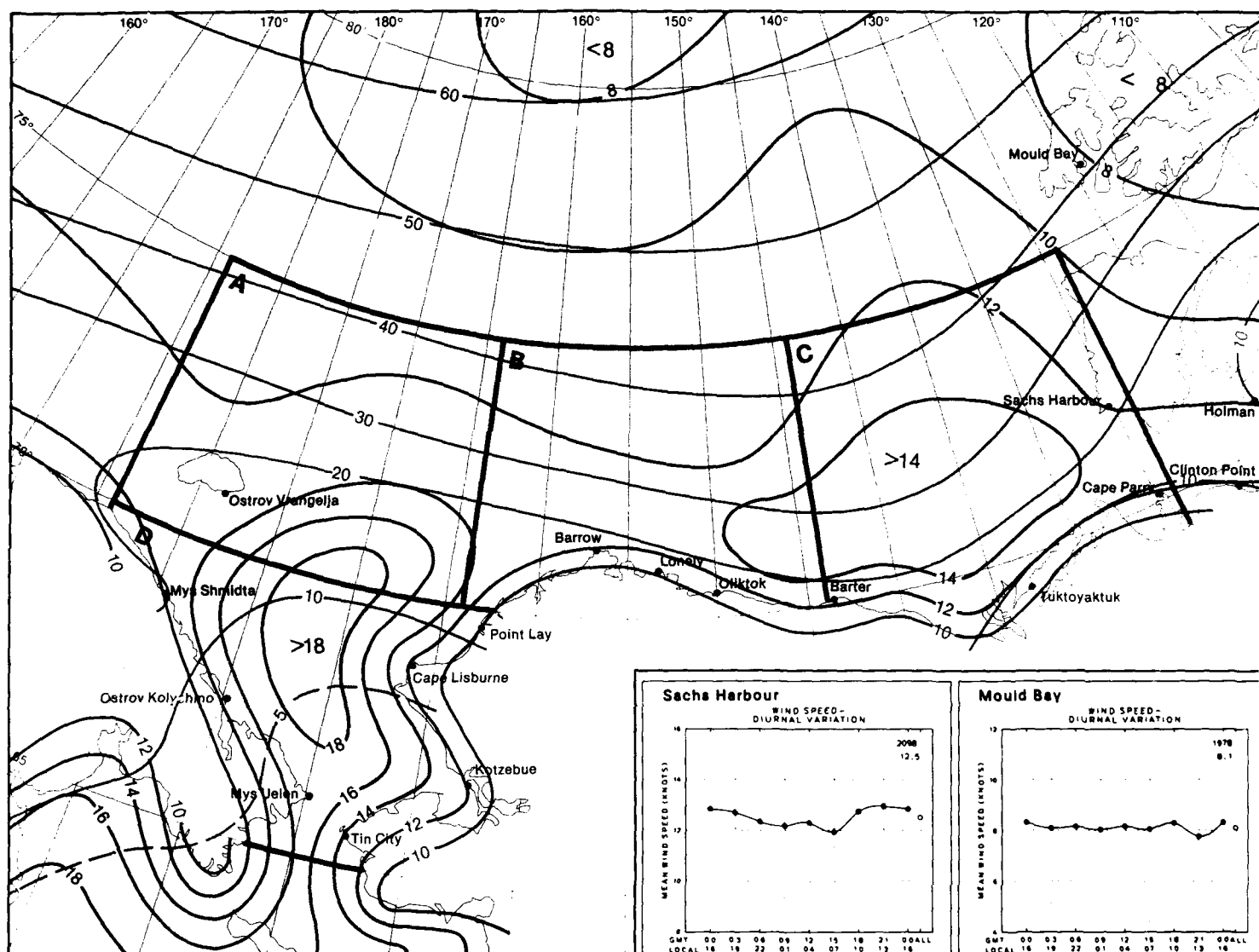

13 Scalar Mean Wind and Wind Chill Temperature $\leq -30^{\circ}\text{C}$

September

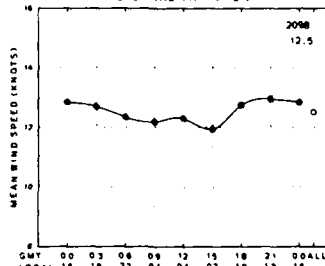


October

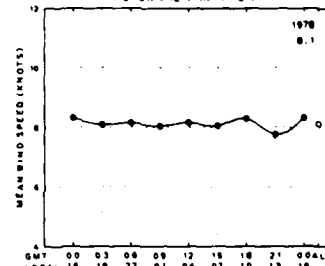
13 Wind Speed and Diurnal Variation



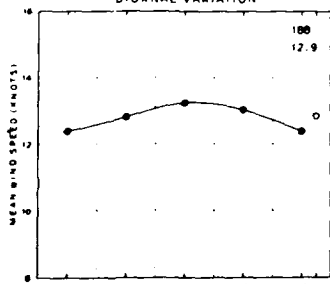
Sachs Harbour

WIND SPEED -
DIURNAL VARIATION

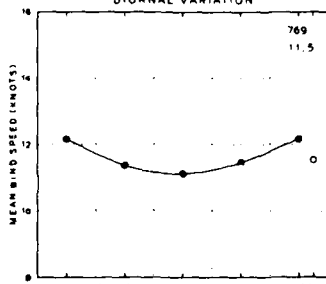
Mould Bay

WIND SPEED -
DIURNAL VARIATION

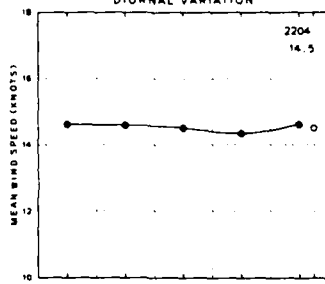
Marine Area A

WIND SPEED -
DIURNAL VARIATION

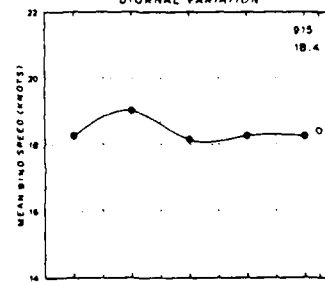
Marine Area B

WIND SPEED -
DIURNAL VARIATION

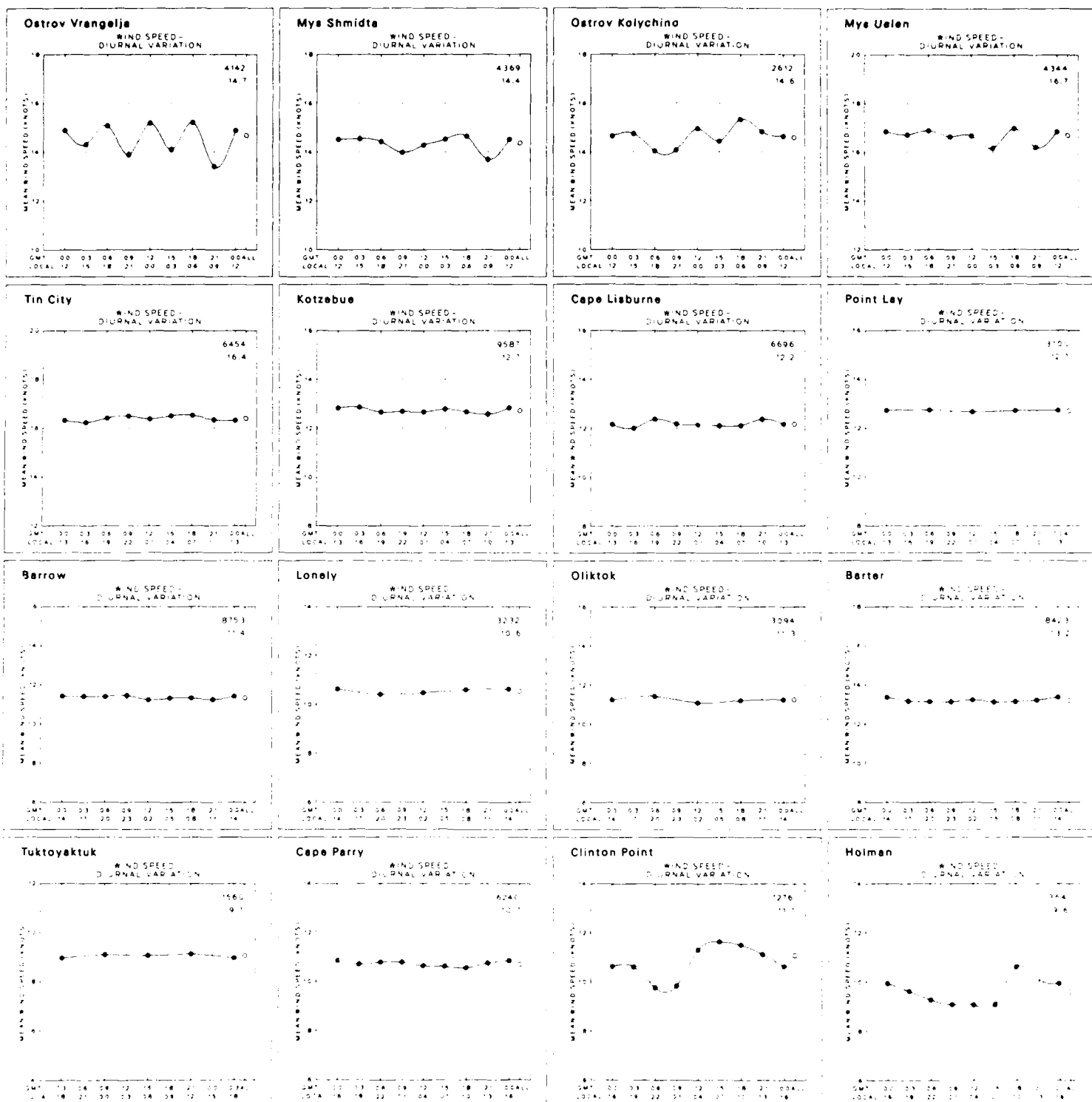
Marine Area C

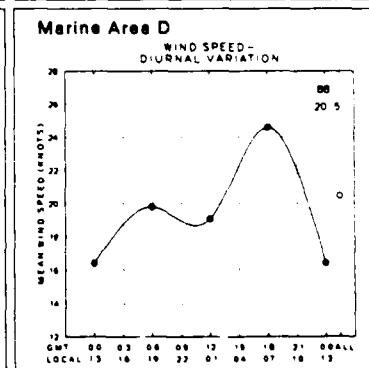
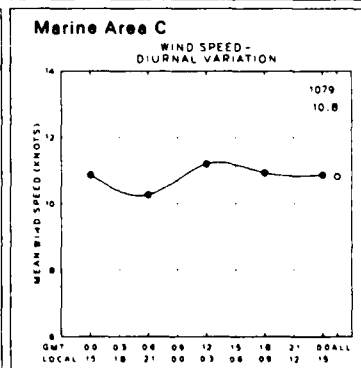
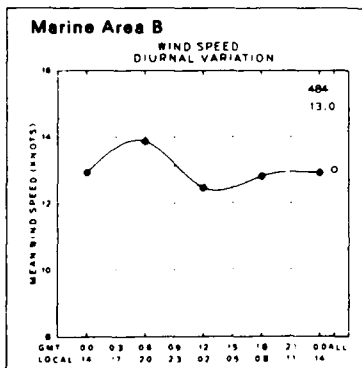
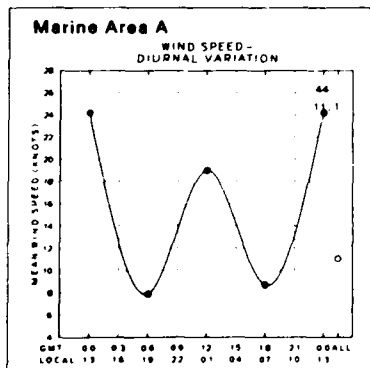
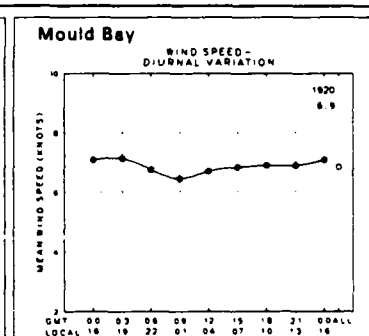
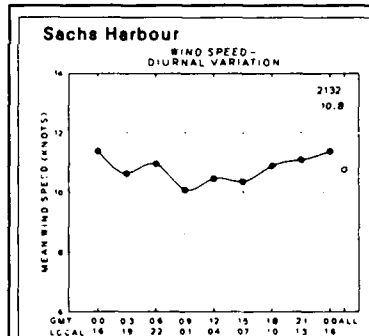
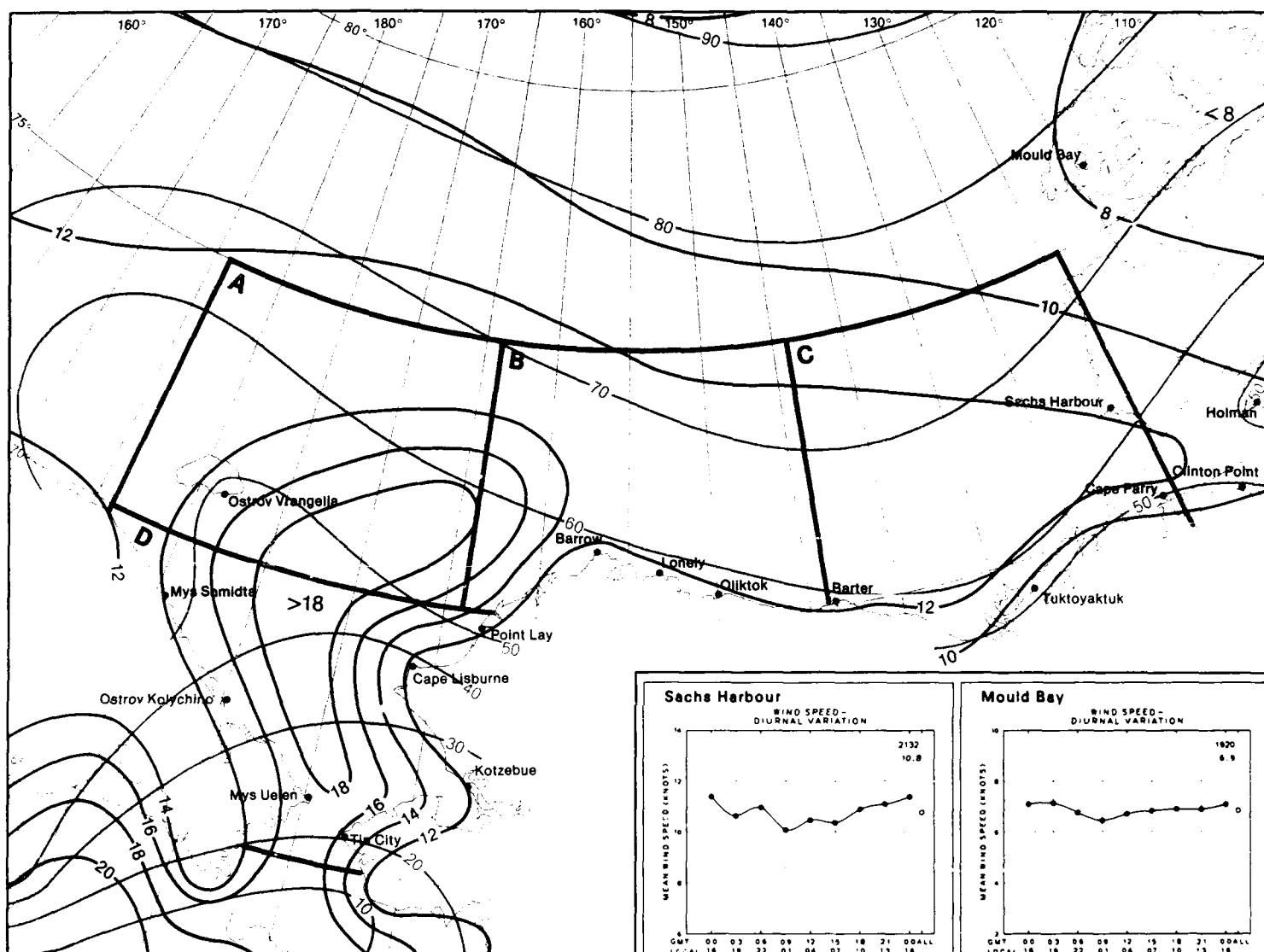
WIND SPEED -
DIURNAL VARIATION

Marine Area D

WIND SPEED -
DIURNAL VARIATION13 Scalar Mean Wind and Wind Chill Temperature $\approx -30^{\circ}\text{C}$

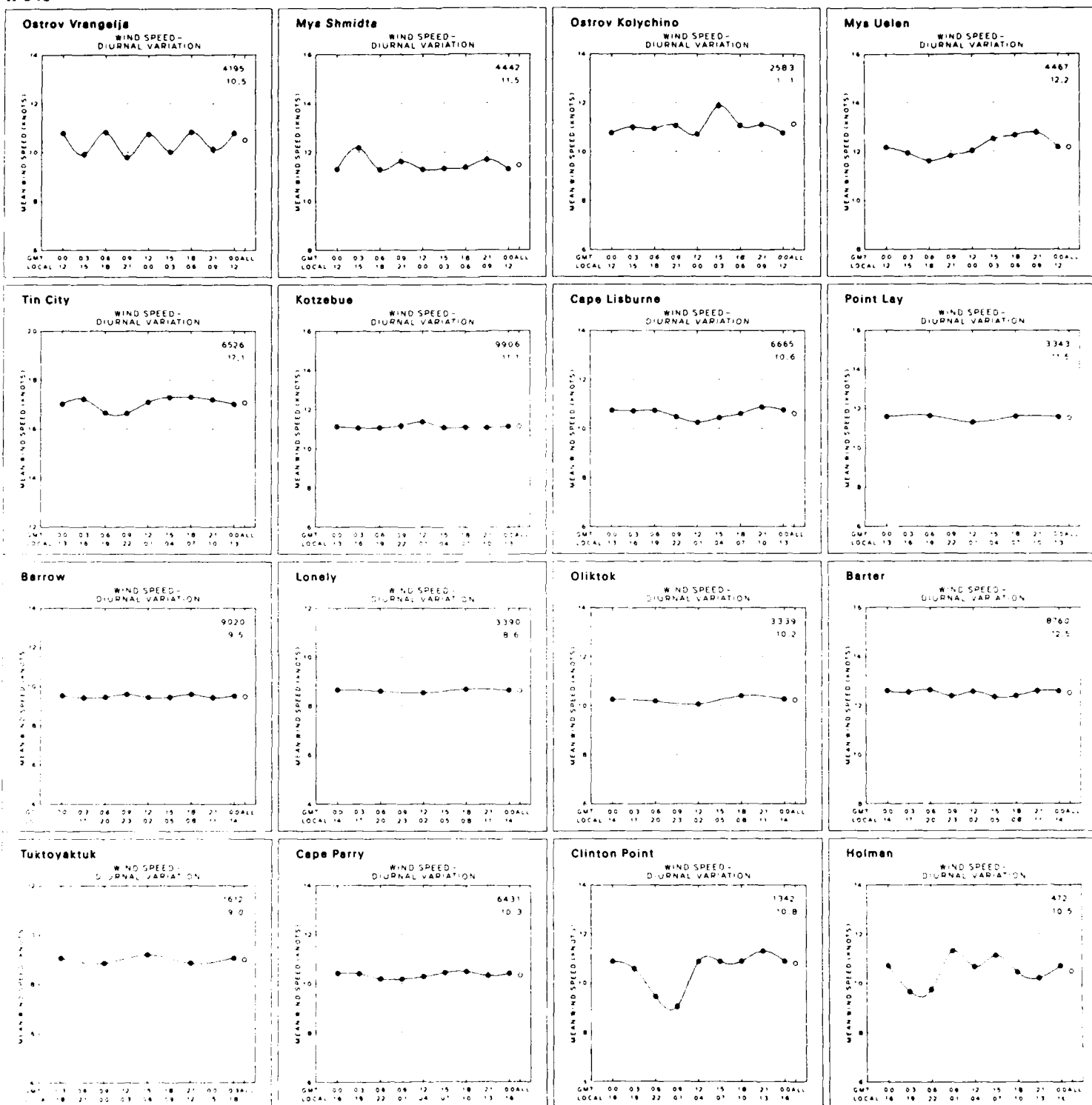
Octob





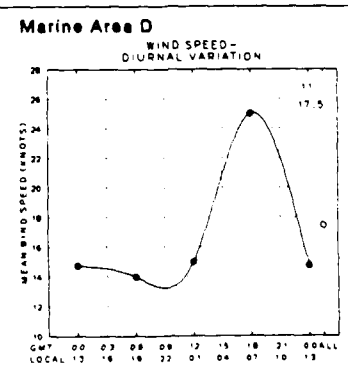
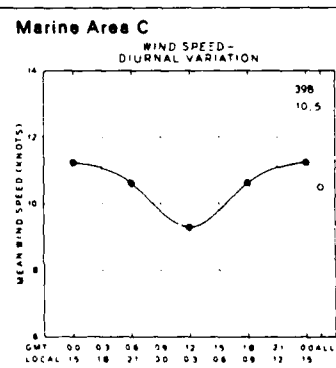
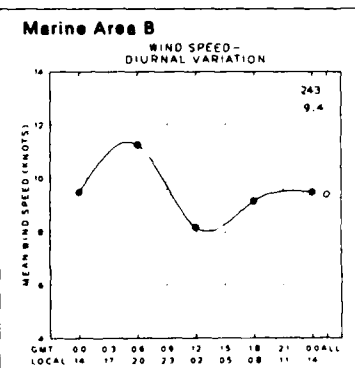
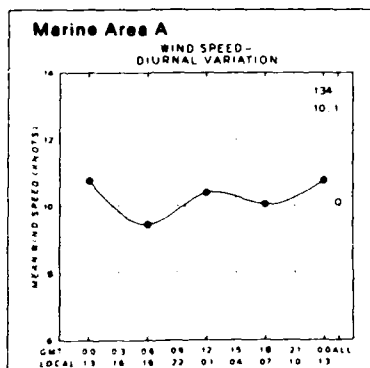
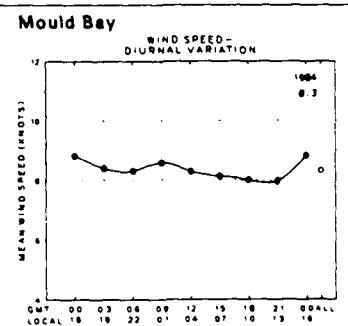
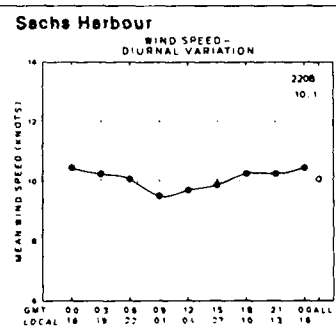
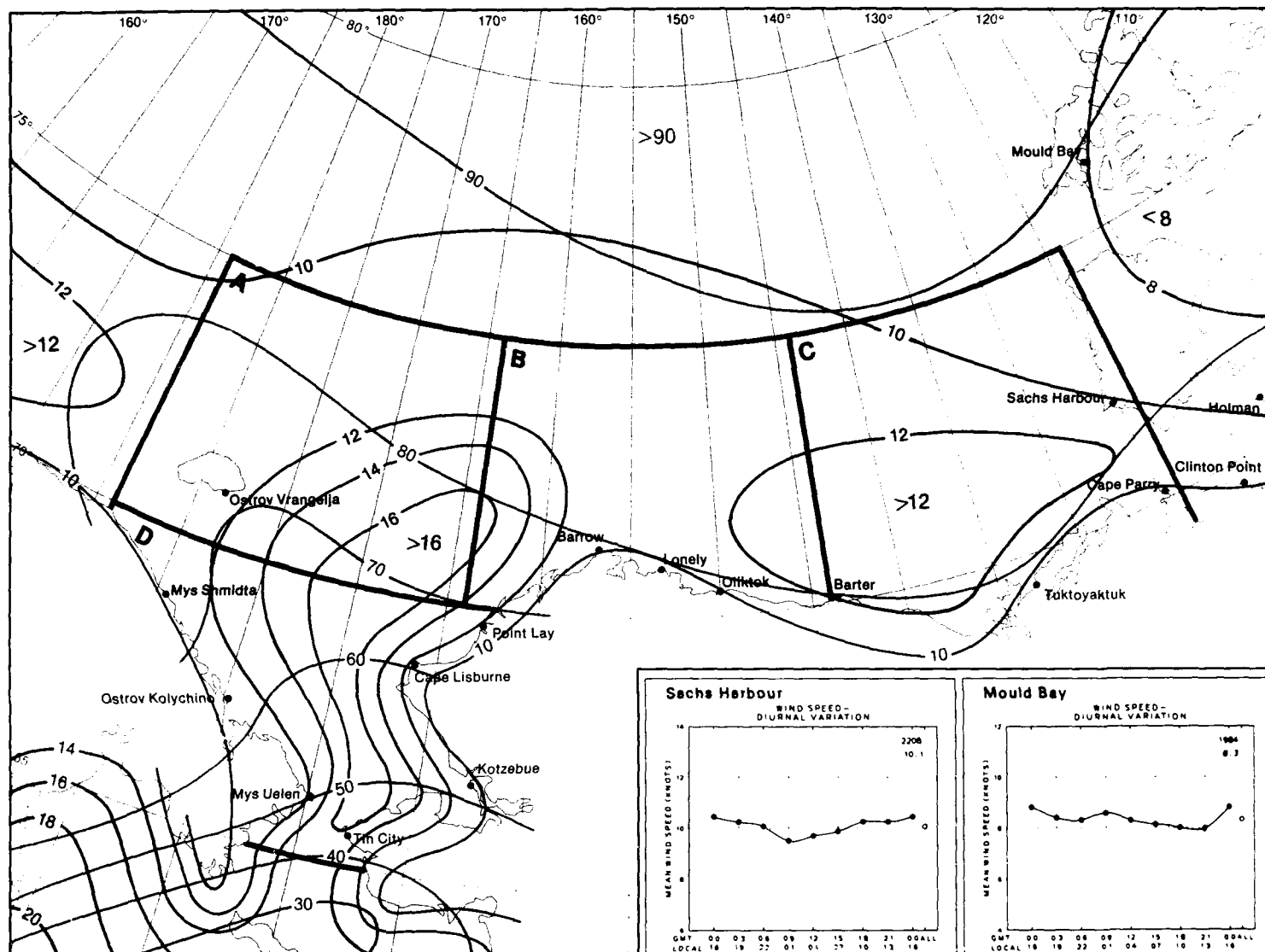
13 Scalar Mean Wind and Wind Chill Temperature $\leq -30^{\circ}\text{C}$

November



December

13 Wind Speed and Diurnal Variation

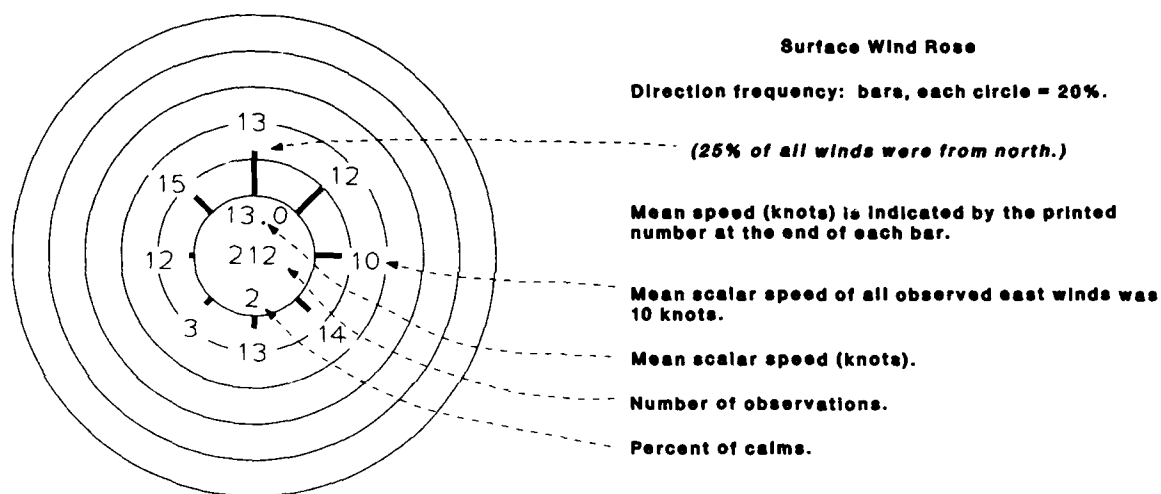

13 Scalar Mean Wind and Wind Chill Temperature $\geq -30^{\circ}\text{C}$

December

Map 14. Wind speed and direction

ROSE – Percent frequency of wind observations by direction (8-points).

Albers Equal-Area Conic Projection



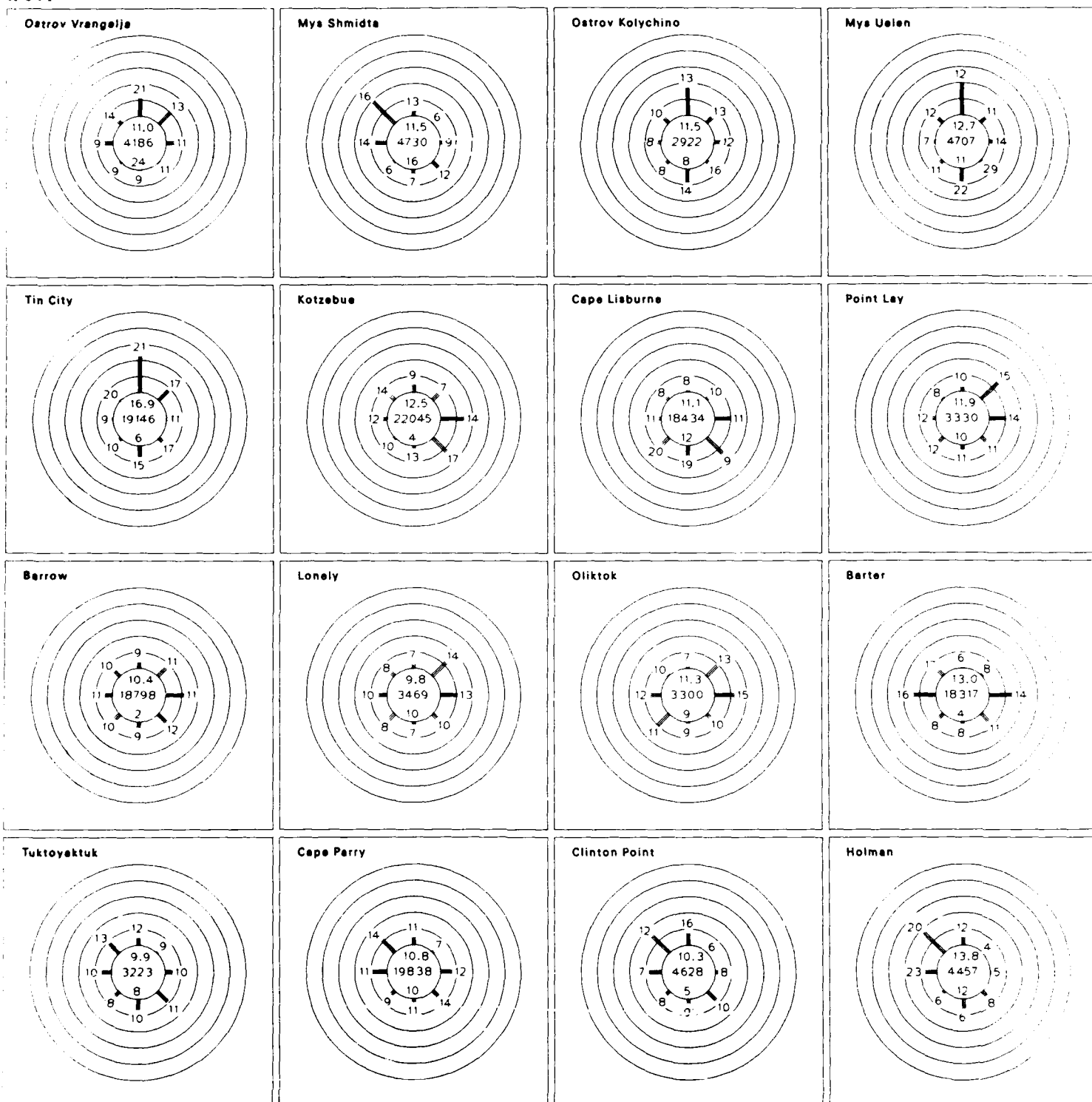
Wind is measured in terms of velocity, a vector that gives both wind speed and direction. **True wind** is the wind that is experienced by an observer standing still. When the ship is moving, an observer experiences what is termed an **apparent wind**. The speed and course of the ship must be eliminated from the apparent wind to obtain the true wind, which is needed for meteorological purposes. Wind estimated from the appearance of the sea surface is a true wind, while wind determined by the appearance of the ship's rigging or by a shipboard anemometer is an apparent wind. True wind direction may be estimated by observing the direction from which ripples, small waves, and sea spray are coming, since they run with the wind. The direction from which the waves are coming is most easily found by sighting along the wave crests and then turning 90° to face the advancing waves. The observer is then facing the direction from which the waves are coming. The direction is determined to the nearest 10° with respect to true north. The true wind speed is the average speed of the wind blowing near the sea surface. Information in the following table is used to estimate the true wind speed based upon the condition of the sea surface. Refer to the text in Set 11 for additional descriptive information on winds.

WIND SPEED IN KNOTS (WMO Code, 1982)

This table is based on sea conditions over deep water with a fully developed sea. There will be frequent cases where the sea will not be fully developed because the wind has not blown long enough over a sufficient distance (fetch). Other factors such as currents and water depth will also affect the look of the sea.

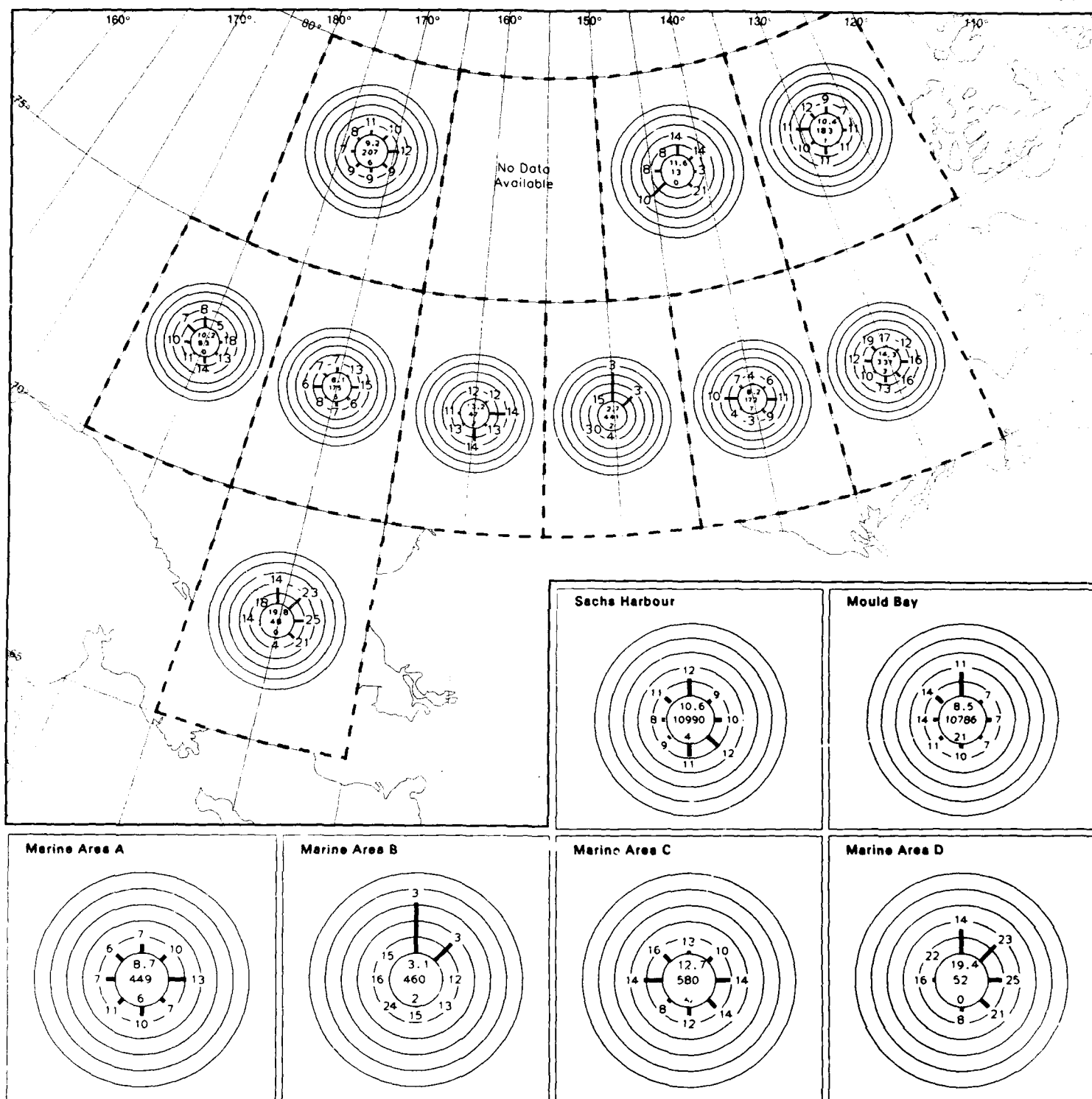
| Code figs. (Knots) | Beaufort | Description | Sea criterion when sea fully developed | Probable ht. of waves in m (ft) | |
|-----------------------|----------|-----------------|--|---------------------------------|-------------|
| | | | | Average | Maximum |
| 00 | 0 | Calm | Sea like a mirror | - | - |
| 01-03 | 1 | Light air | Ripples with the appearance of scales are formed, but without foam crests | 0.1 (1/4) | 0.1 (1/4) |
| 04-06 | 2 | Light breeze | Small wavelets, still short but more pronounced, crests have a glassy appearance and do not break | 0.2 (1/2) | 0.3 (1) |
| 07-10 | 3 | Gentle breeze | Large wavelets; crests begin to break; foam of glassy appearance; perhaps scattered white horses | 0.6 (2) | 1 (3) |
| 11-16 | 4 | Moderate breeze | Small waves, becoming longer; fairly frequent white horses | 1 (3 1/2) | 1.5 (5) |
| 17-21 | 5 | Fresh breeze | Moderate waves, taking a more pronounced long form; many white horses are formed (chance of some spray) .. | 2 (6) | 2.5 (8 1/2) |
| 22-27 | 6 | Strong breeze | Large waves begin to form; white foam crests are more extensive everywhere (probably some spray) | 3 (9 1/2) | 4 (13) |
| 28-33 | 7 | Near gale | Sea heaps up and white foam from breaking waves begins to be blown in streaks along the direction of the wind | 4 (13 1/2) | 5.5 (19) |
| 34-40 | 8 | Gale | Moderately high waves of greater length; edges of crests begin to break into the spindrift; the foam is blown in well-marked streaks along the direction of the wind | 5.5 (18) | 7.5 (25) |
| 41-47 | 9 | Strong gale | High waves; dense streaks of foam along the direction of the wind; crests of waves begin to topple, tumble and roll over; spray may affect visibility | 7 (23) | 10 (32) |
| 48-54 | 10 | Storm | Very high waves with long overhanging crests; the resulting foam, in great patches, is blown in dense white streaks along the direction of the wind; on the whole, the surface of the sea takes on a white appearance; tumbling of the sea becomes heavy and shock-like; visibility affected | 9 (29) | 12.5 (41) |
| 58-63 | 11 | Violent Storm | Exceptionally high waves (small and medium-sized ships might be for a time lost to view behind the waves); the sea is completely covered with long white patches of foam lying along the direction of the wind; everywhere the crests of the wave crests are blown into froth, visibility affected | 11.5 (37) | 16 (52) |
| 64 and over | 12 | Hurricane | The air is filled with foam and spray; sea completely white with driving spray; visibility very seriously affected | 14 (45) | XX |

Note: For winds over 99 knots, add 50 to dd (direction) and enter the tens and units digits of the wind speed for ff; e.g. for a wind from 100° true at 125 knots, dd = 60, and ff = 25.



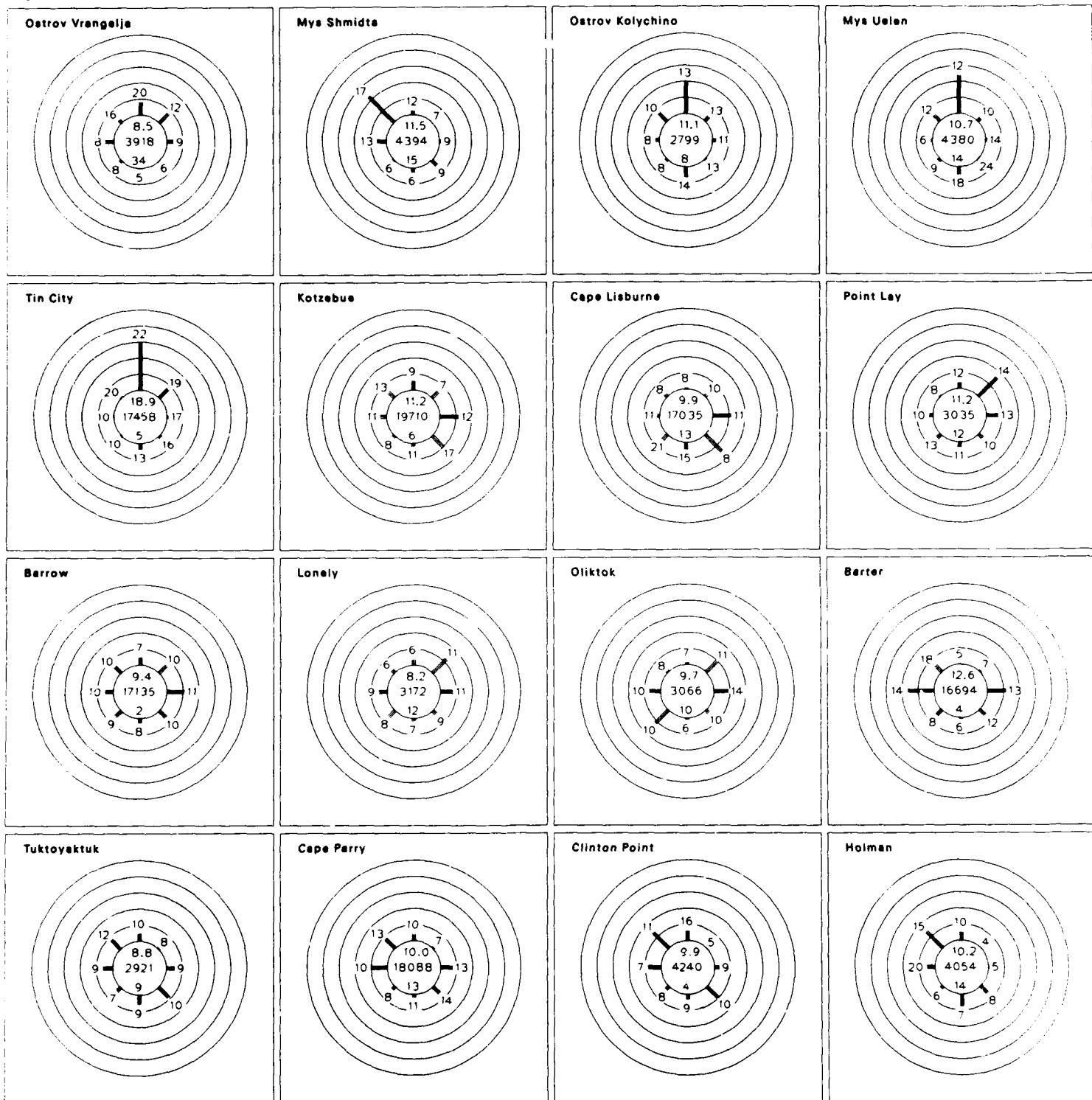
January

14 Wind Speed and Direction



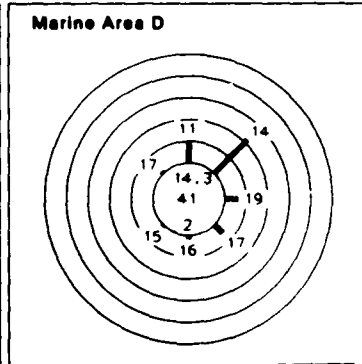
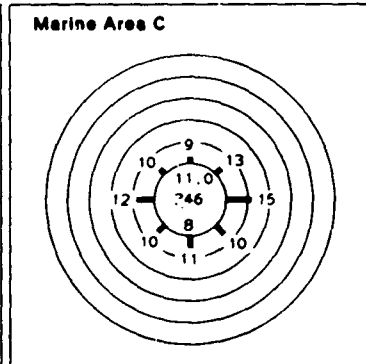
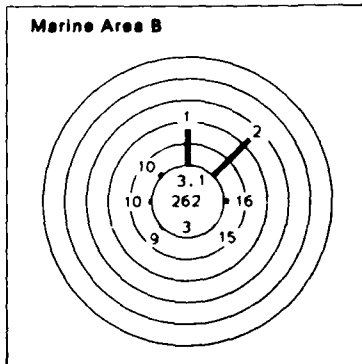
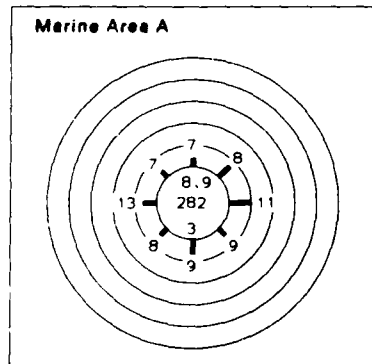
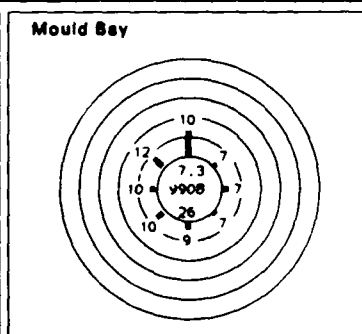
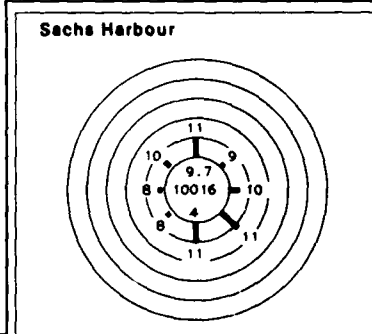
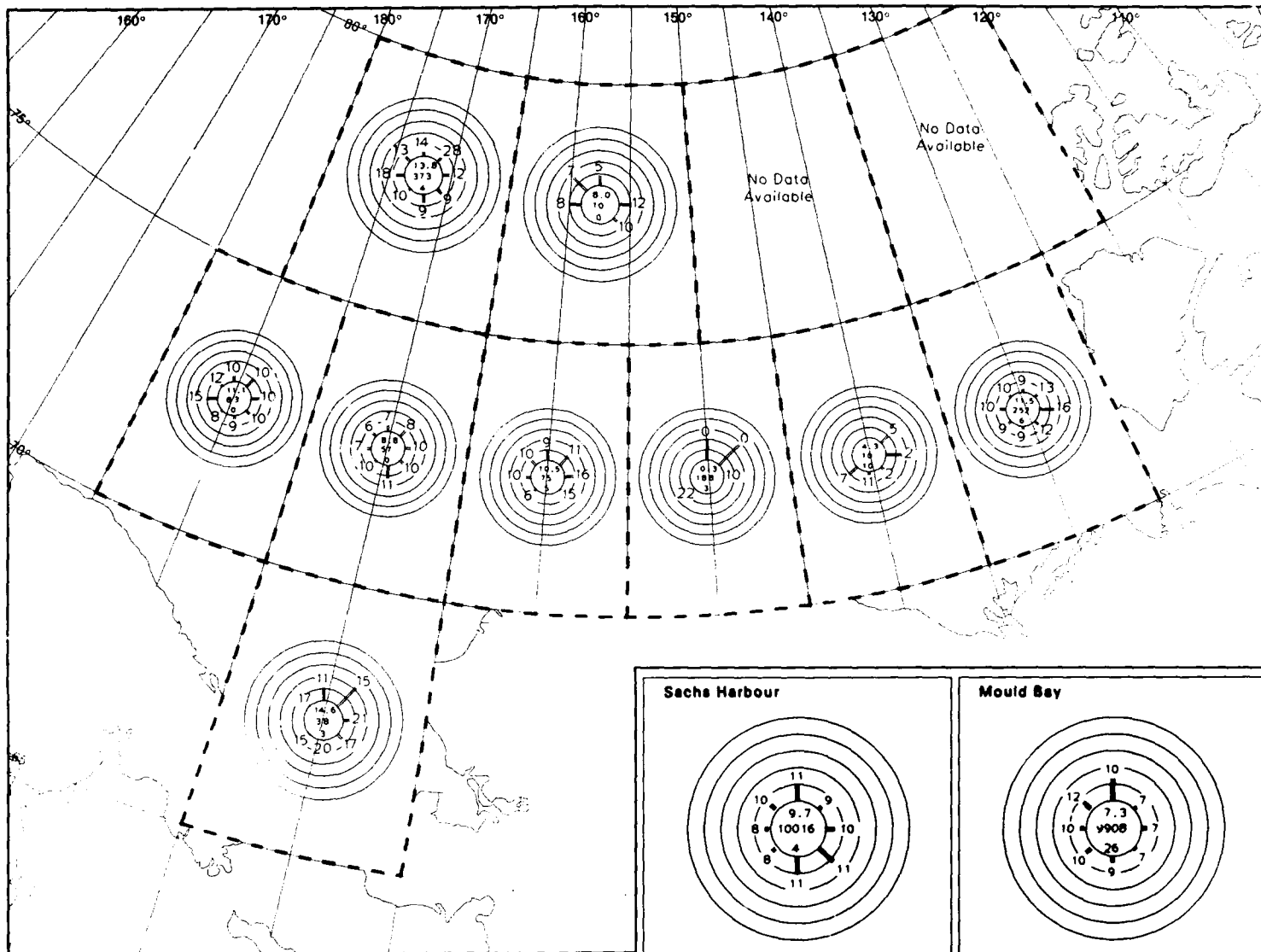
14 Wind Speed and Direction

January



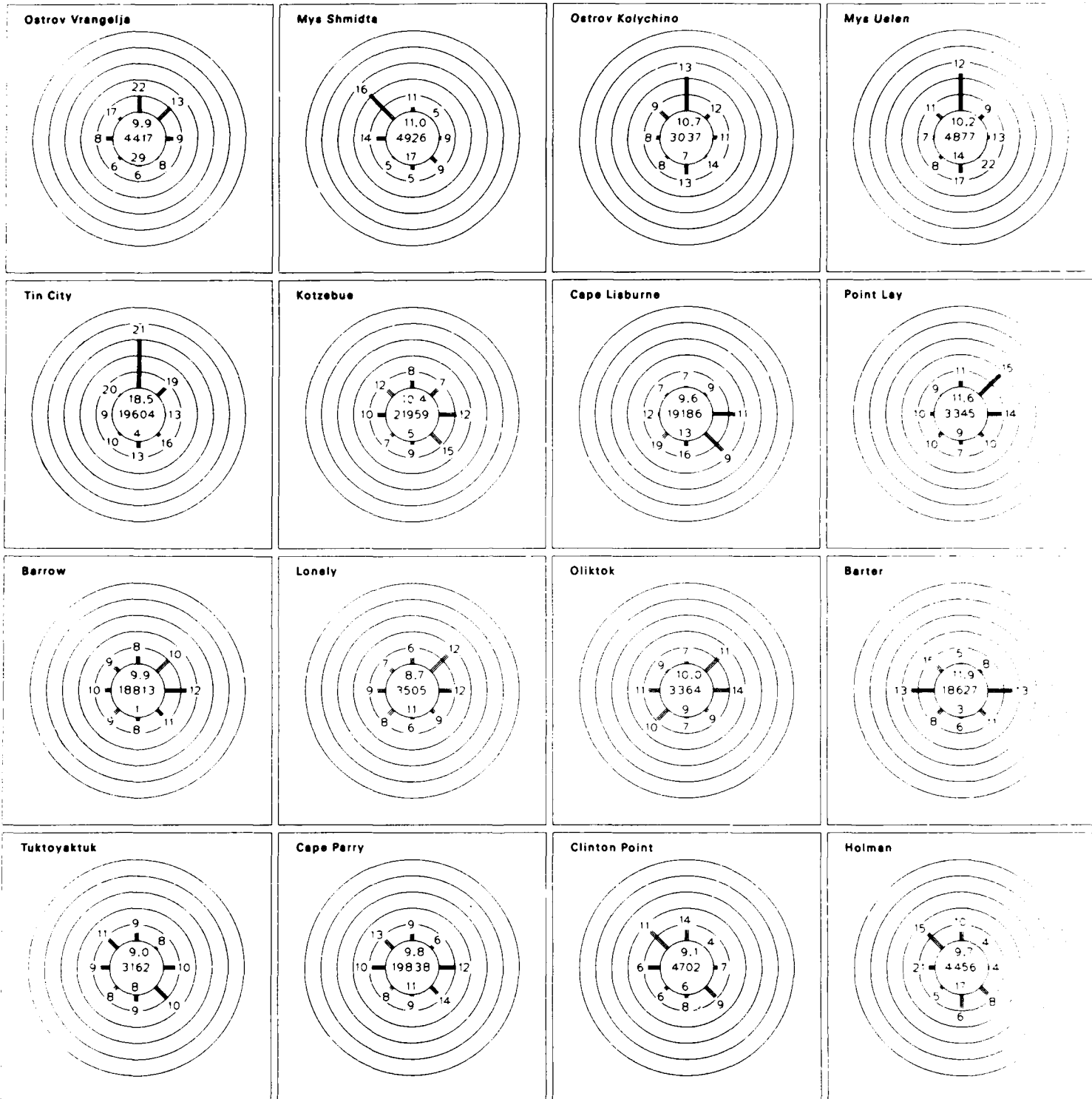
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14 Wind Speed and Direction



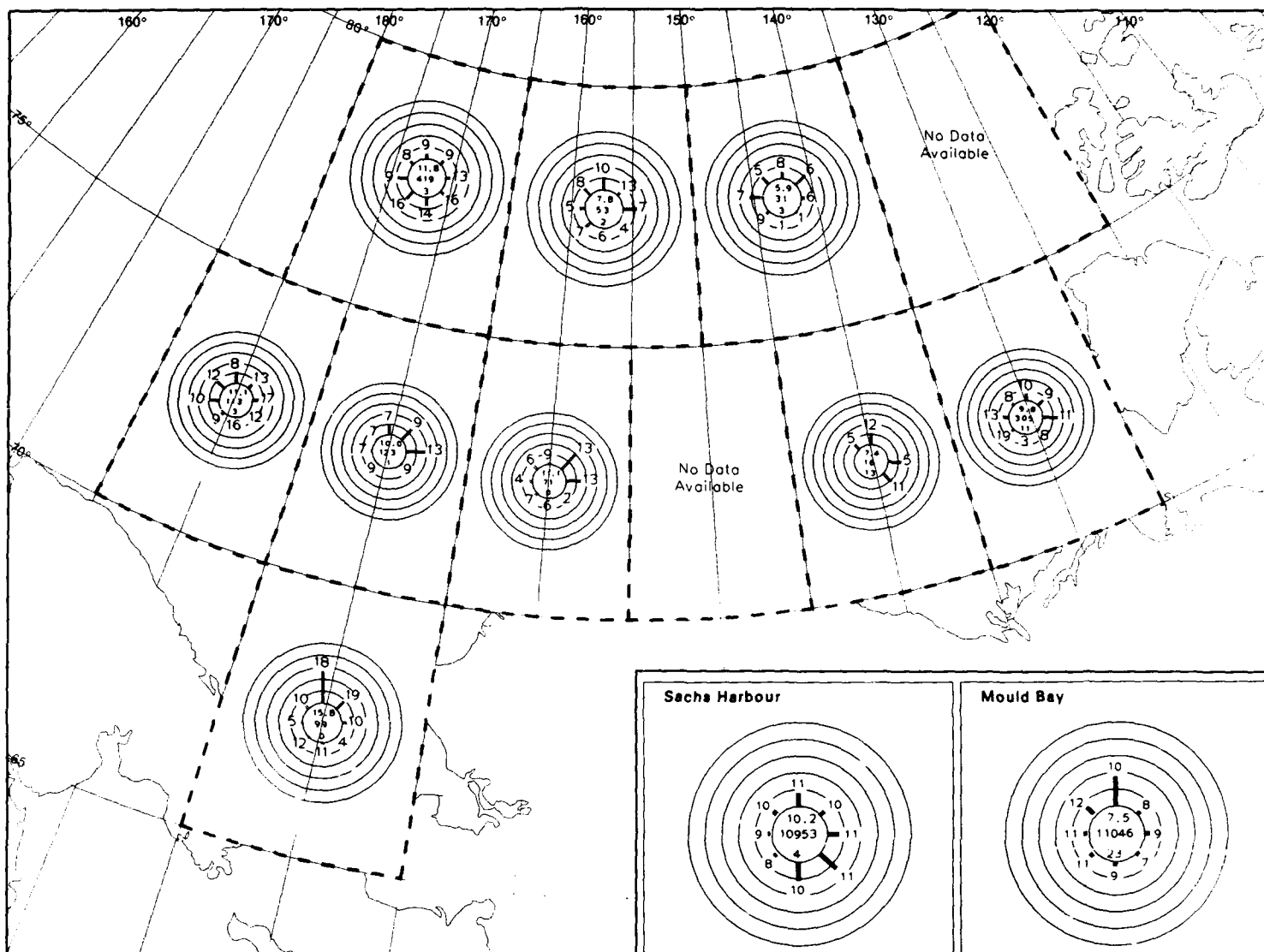
14 Wind Speed and Direction

Februar

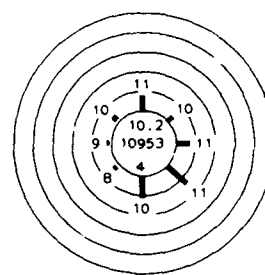


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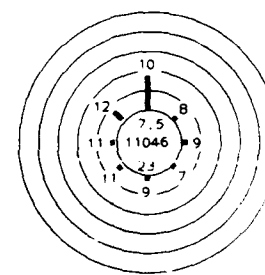
14 Wind Speed and Direction



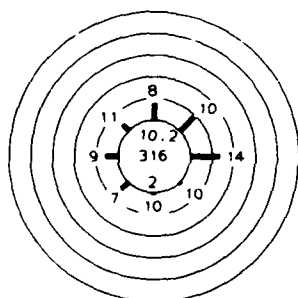
Sachs Harbour



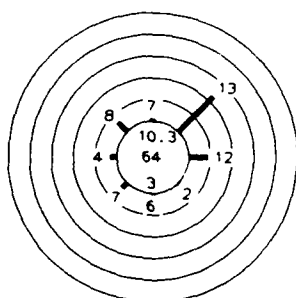
Mould Bay



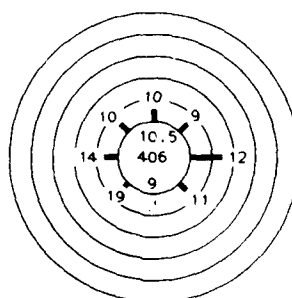
Marine Area A



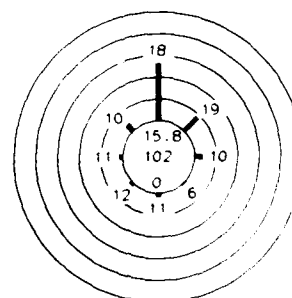
Marine Area B



Marine Area C



Marine Area D

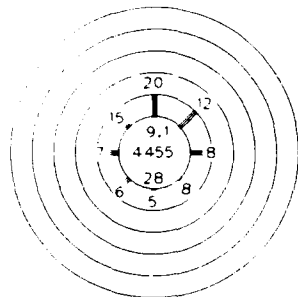


14 Wind Speed and Direction

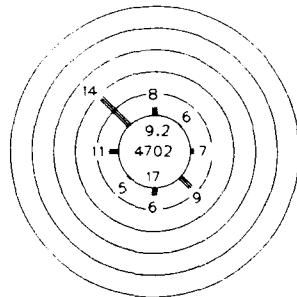
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II-350

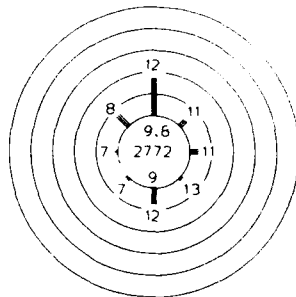
Ostrov Vrangolja



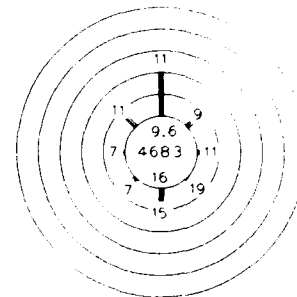
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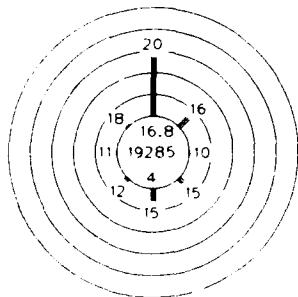
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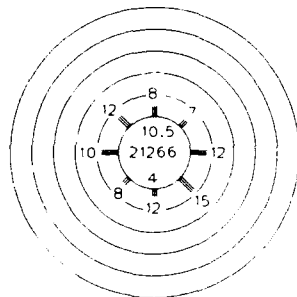
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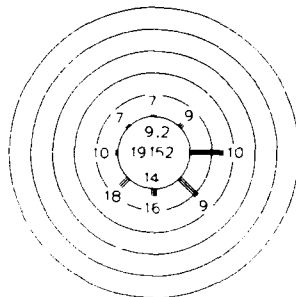
Tin City



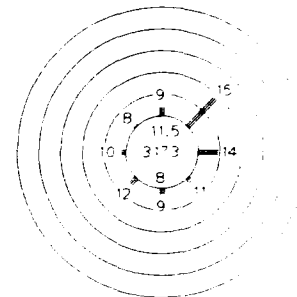
Kotzebue



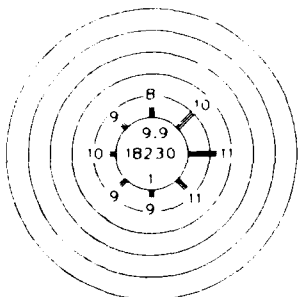
Cape Lisburne



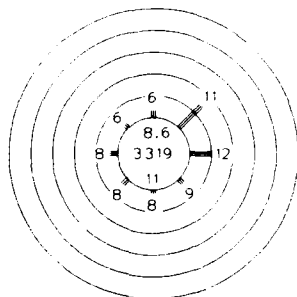
Point Lay



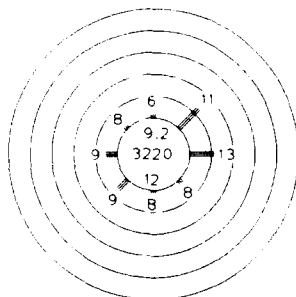
Barrow



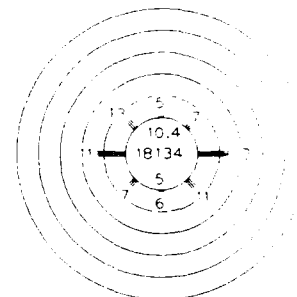
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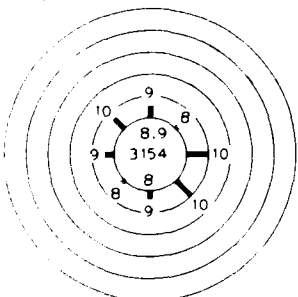
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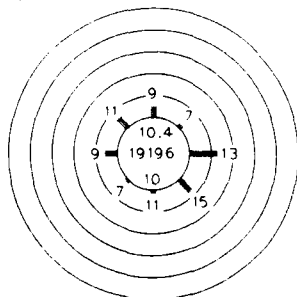
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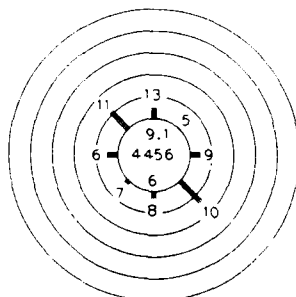
Tuktoyaktuk



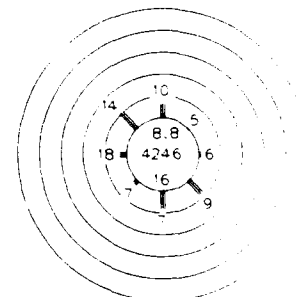
Cape Perry



Clinton Point

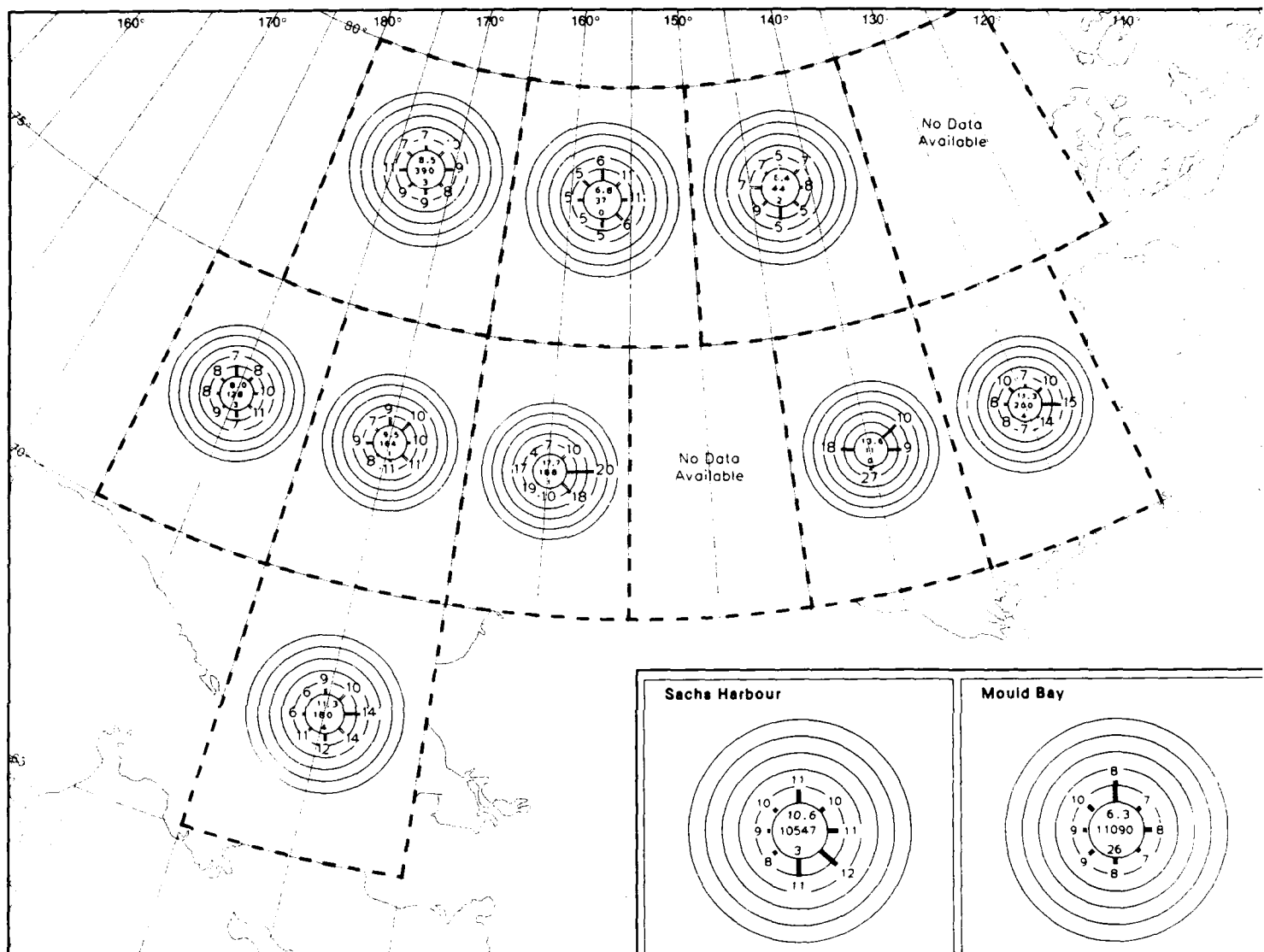


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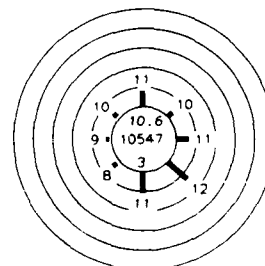


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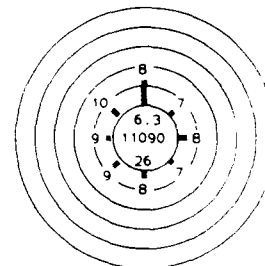
14 Wind Speed and Direction



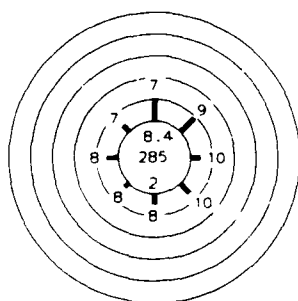
Sachs Harbour



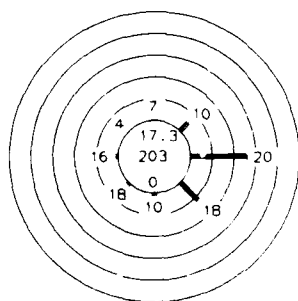
Mould Bay



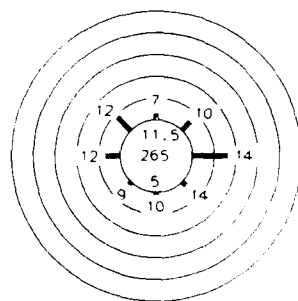
Marine Area A



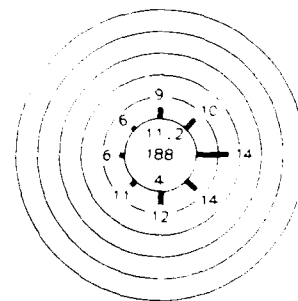
Marine Area B



Marine Area C



Marine Area D

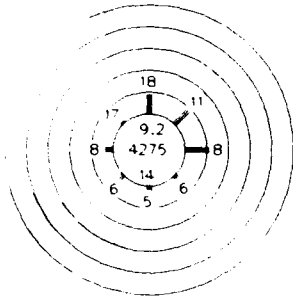


14 Wind Speed and Direction

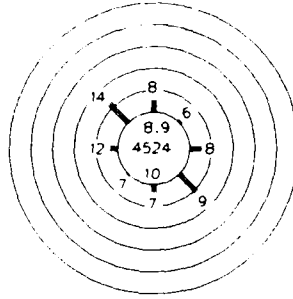
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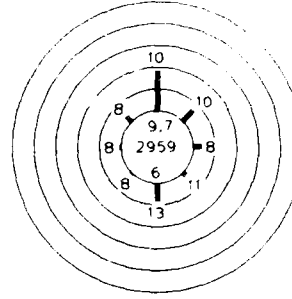
Ostrov Vrangolja



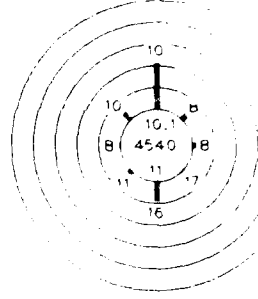
Mys Shmidt



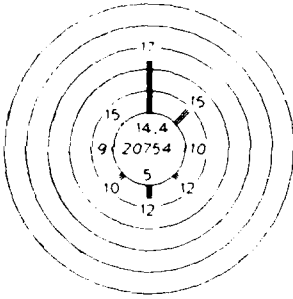
Ostrov Kolychino



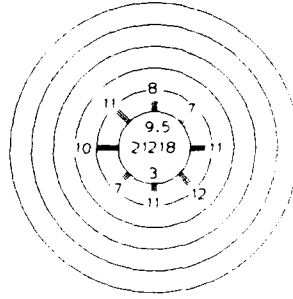
Mys Uelen



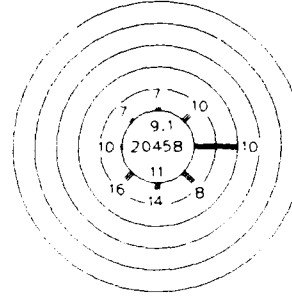
Tin City



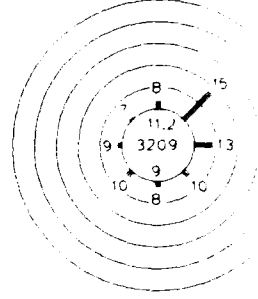
Kotzebue



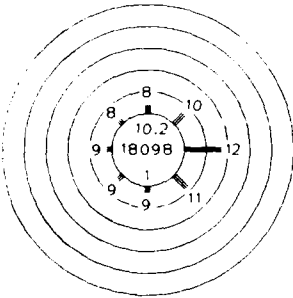
Cape Lisburne



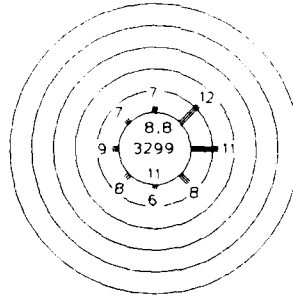
Point Lay



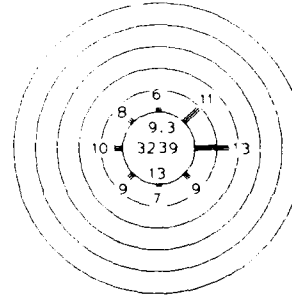
Barrow



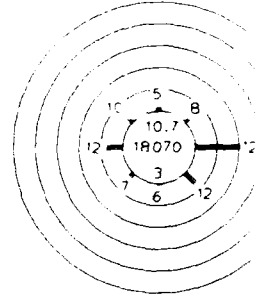
Lonely



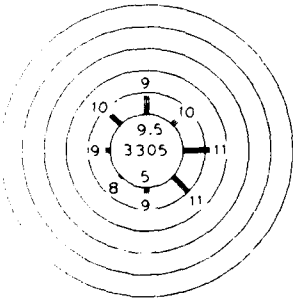
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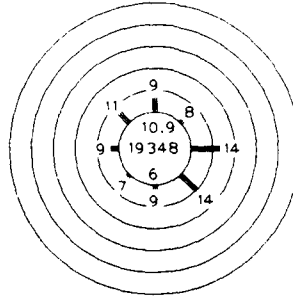
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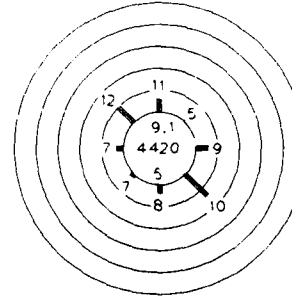
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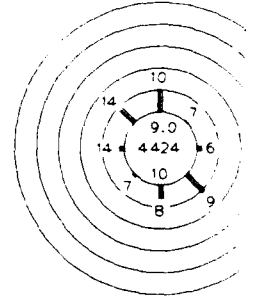
Cape Perry



Clinton Point

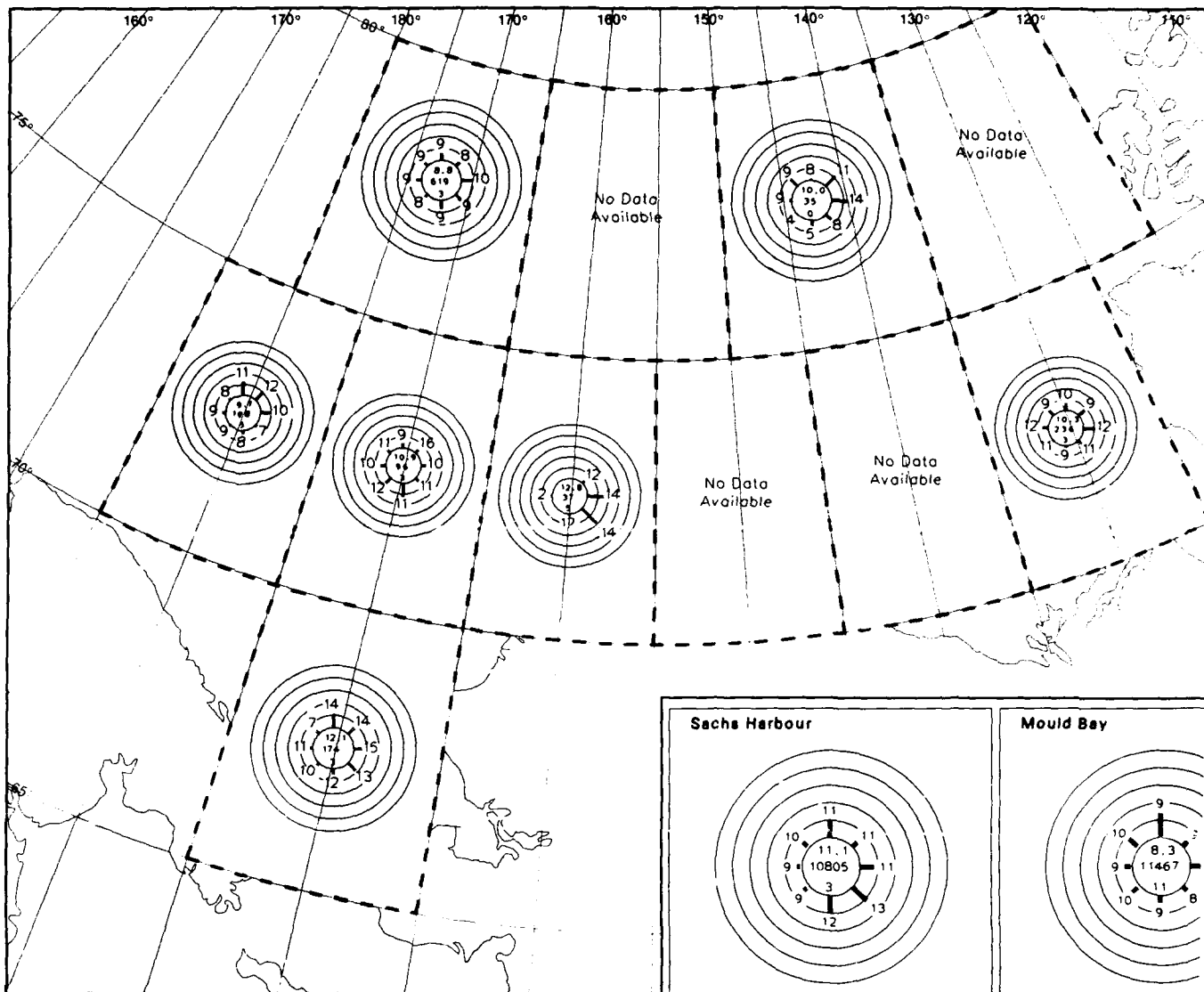


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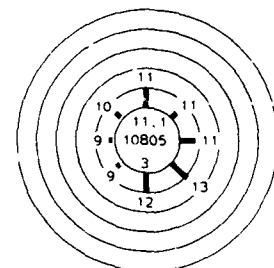


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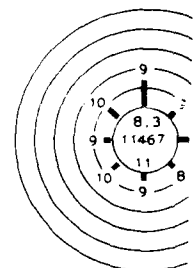
14 Wind Speed and D



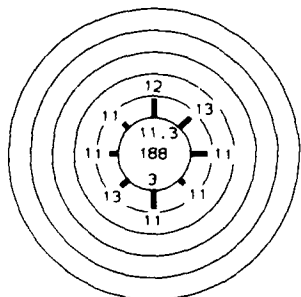
Sachs Harbour



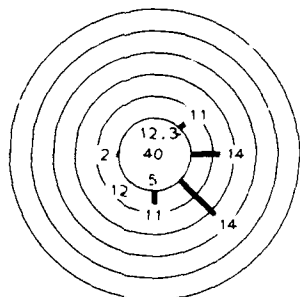
Mould Bay



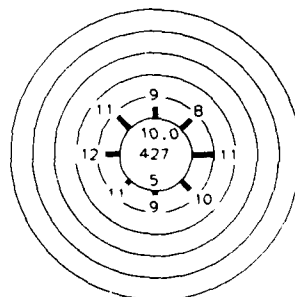
Marine Area A



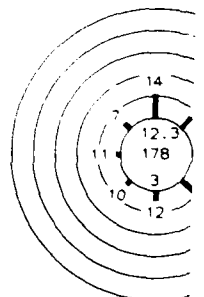
Marine Area B



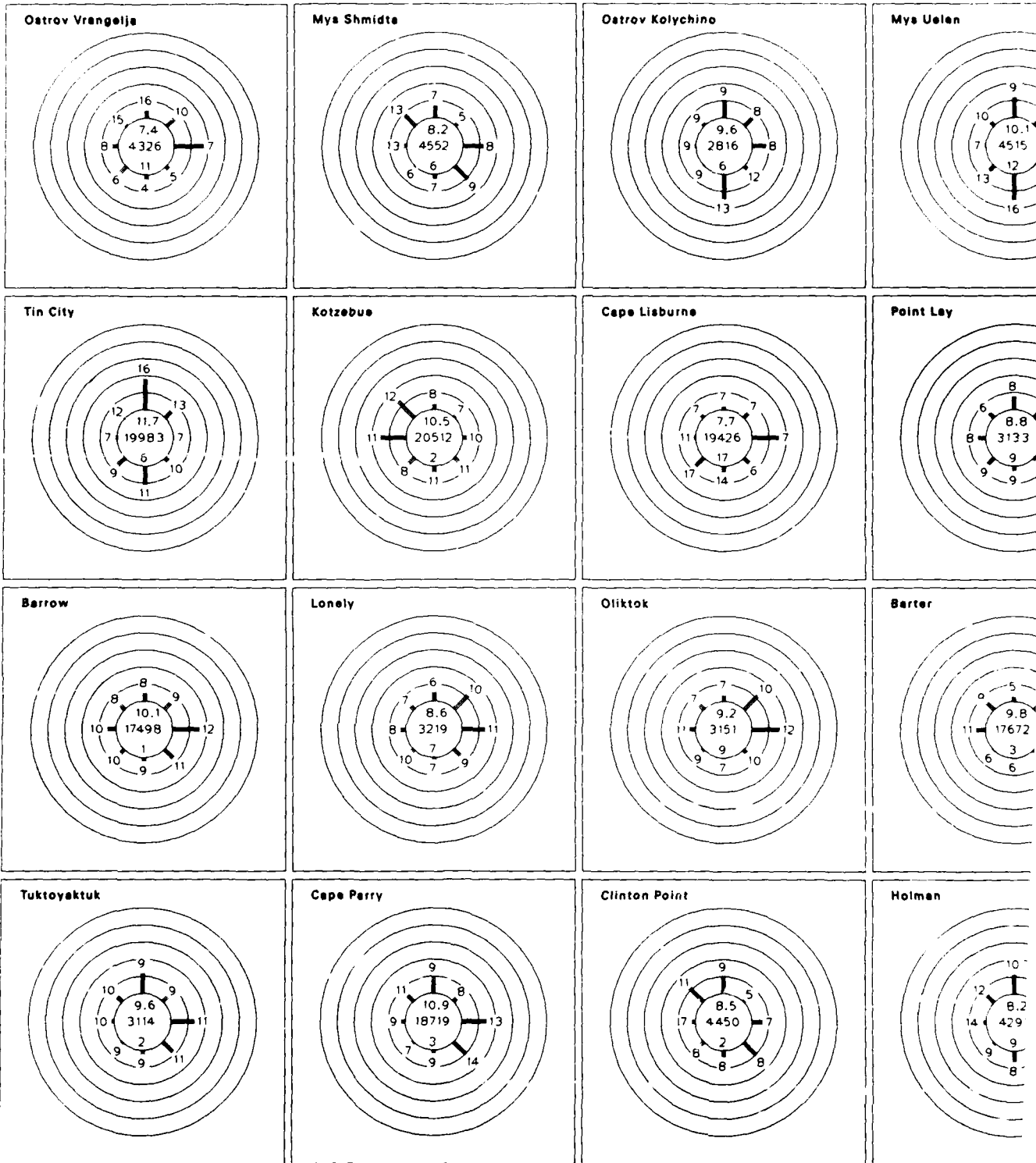
Marine Area C

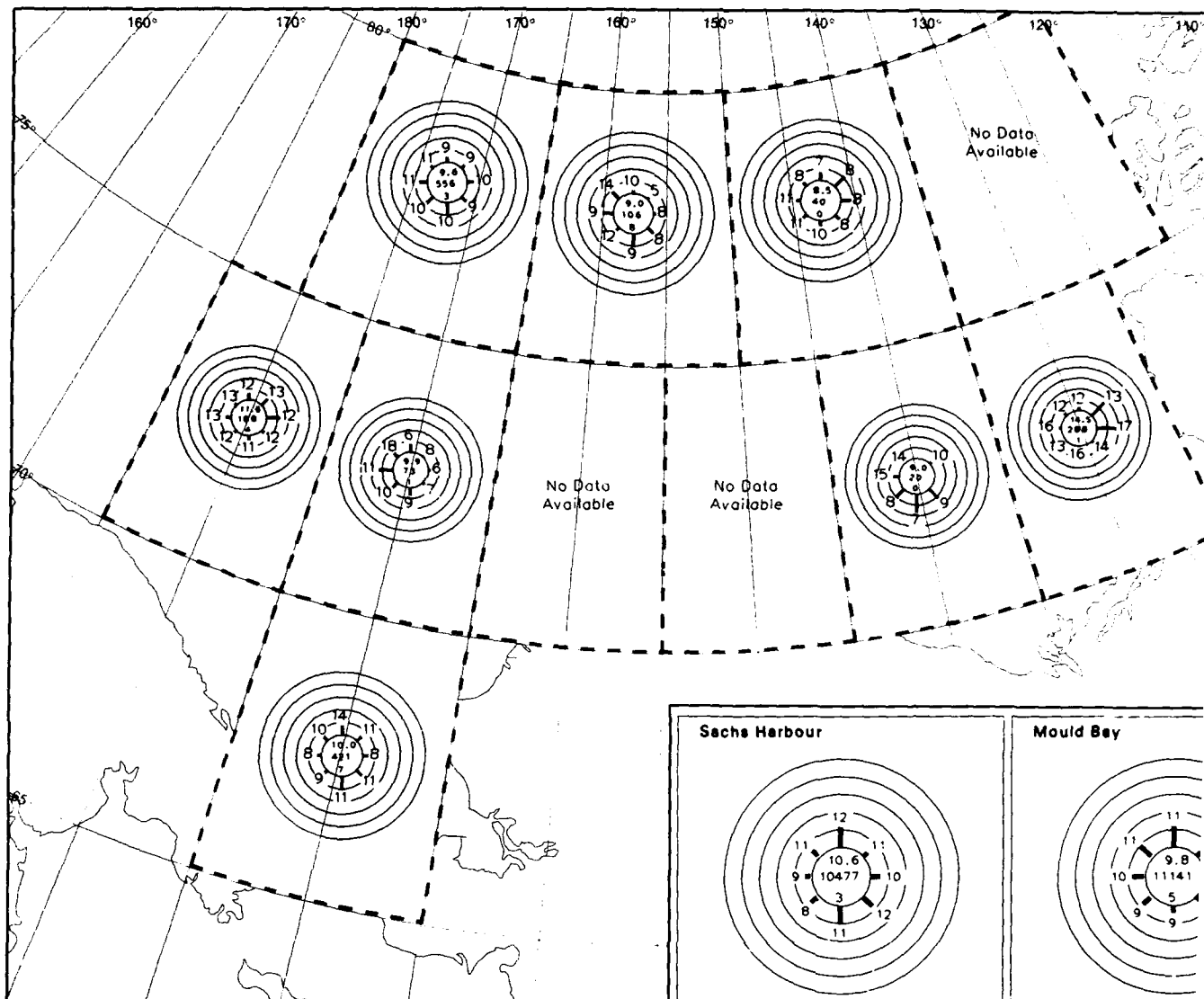


Marine Area D

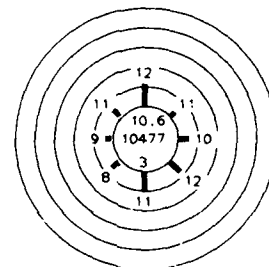


14 Wind Speed and Direction

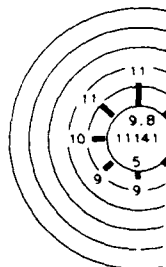




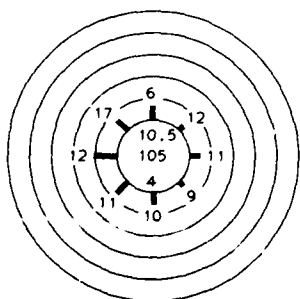
Sachs Harbour



Mould Bay



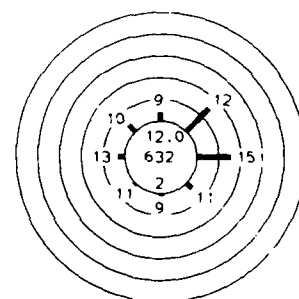
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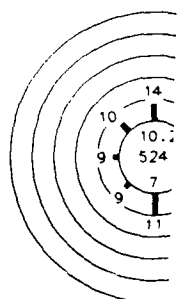
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No Data Available

Marine Area C



Marine Area D

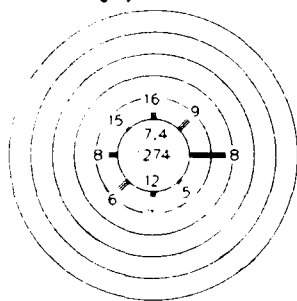


14 Wind Speed and Direction

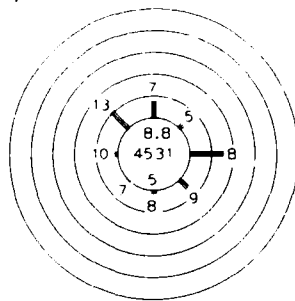
II-355

II-356

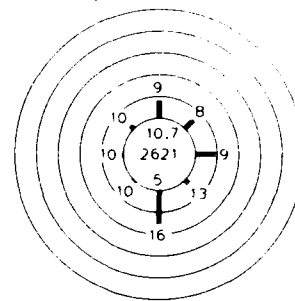
Ostrov Vrangolja



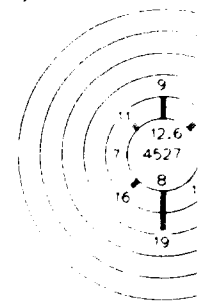
Mys Shmidt



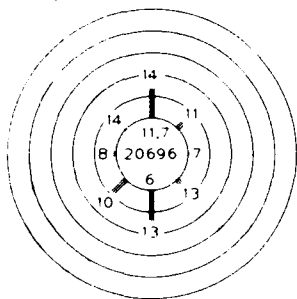
Ostrov Kolychino



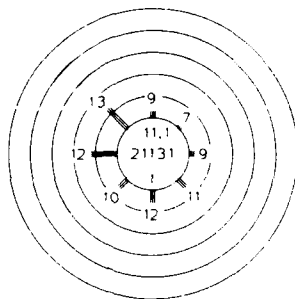
Mys Uelen



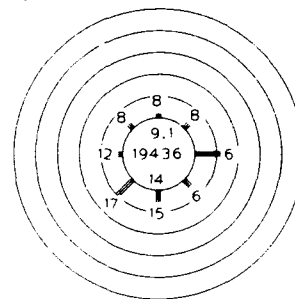
Tin City



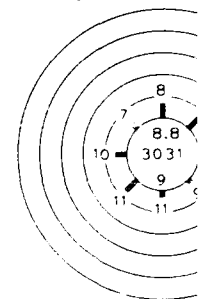
Kotzebue



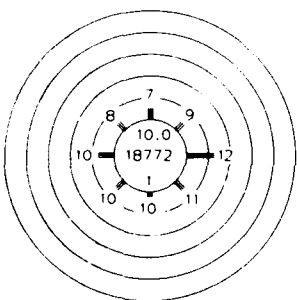
Cape Lisburne



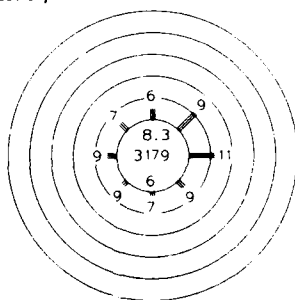
Point Lay



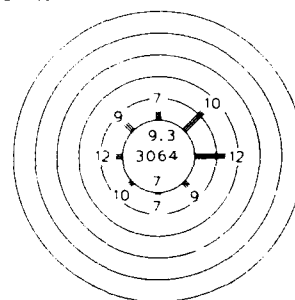
Barrow



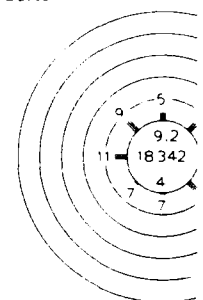
Lonely



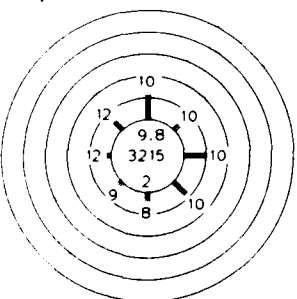
Oliktok



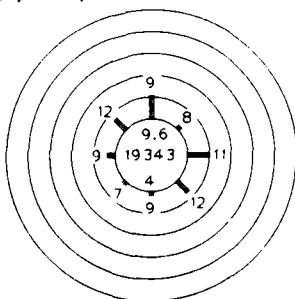
Barter



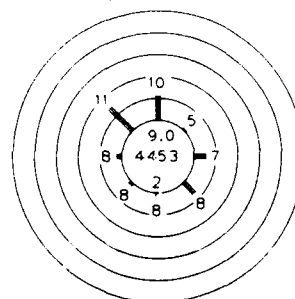
Tuktoyaktuk



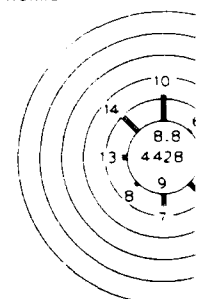
Cape Parry



Clinton Point



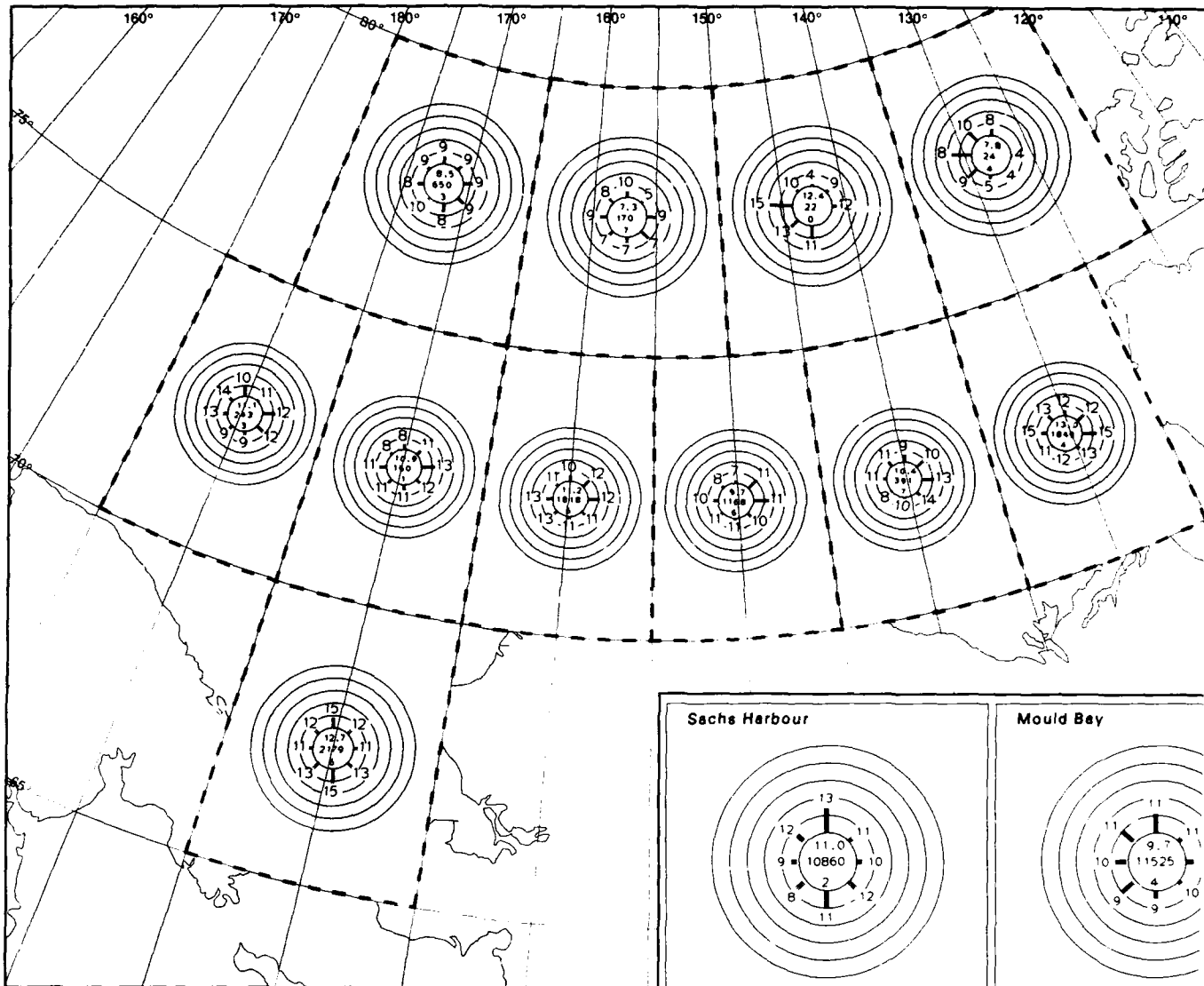
Holman



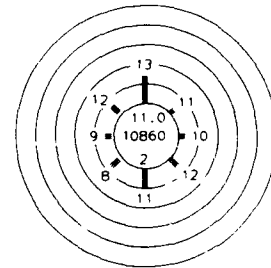
June

July

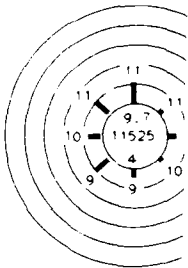
14 Wind Speed ar



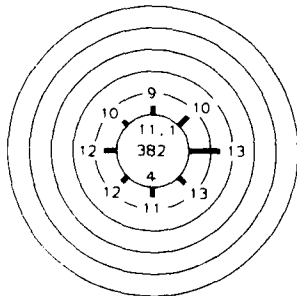
Sachs Harbour



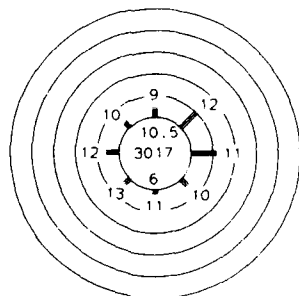
Mould Bay



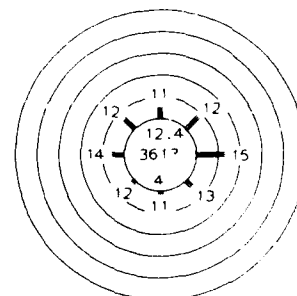
Marine Area A



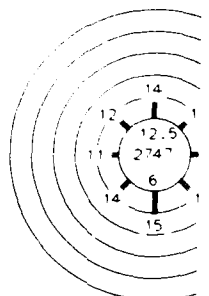
Marine Area B



Marine Area C



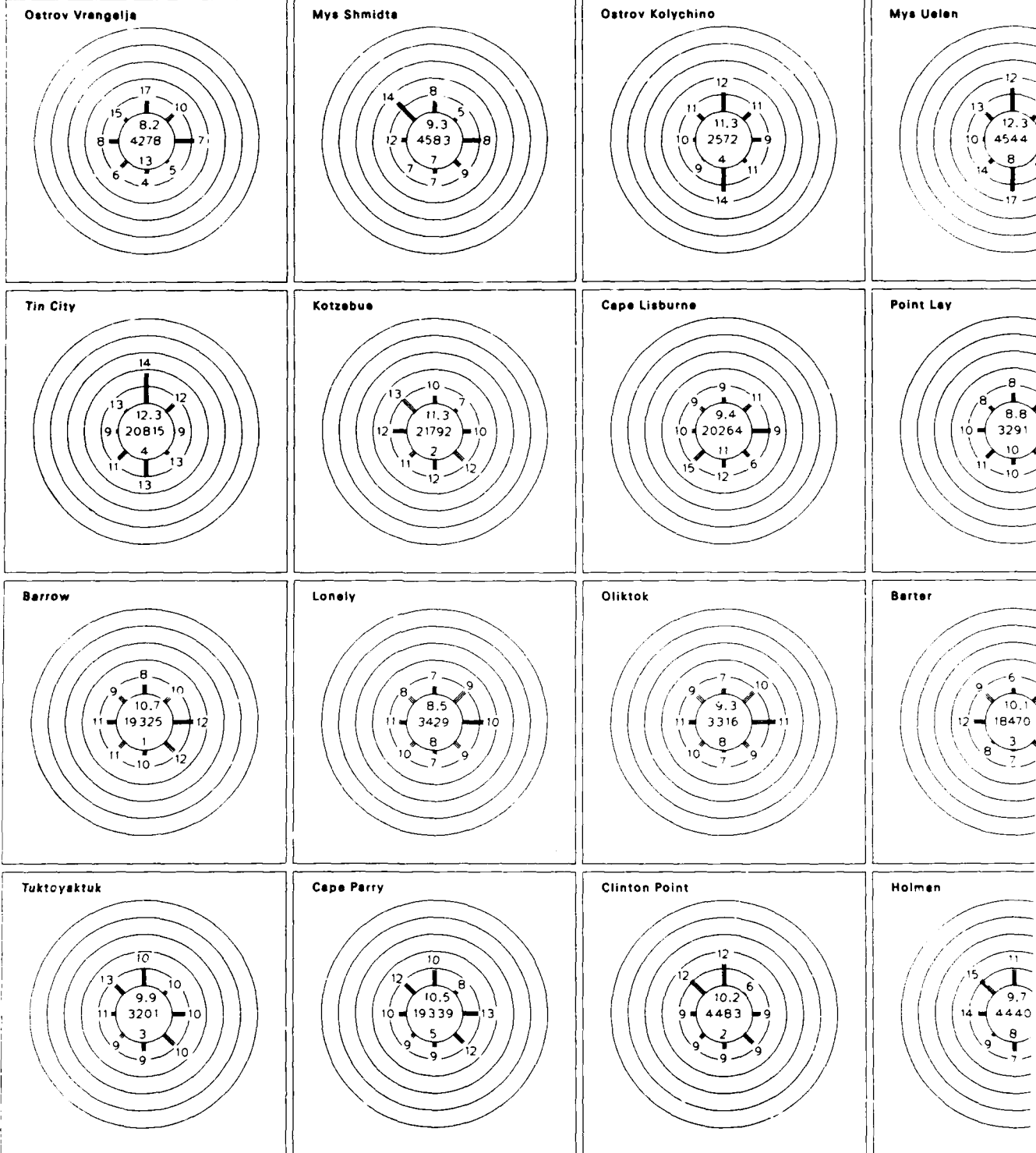
Marine Area D



14 Wind Speed and Direction

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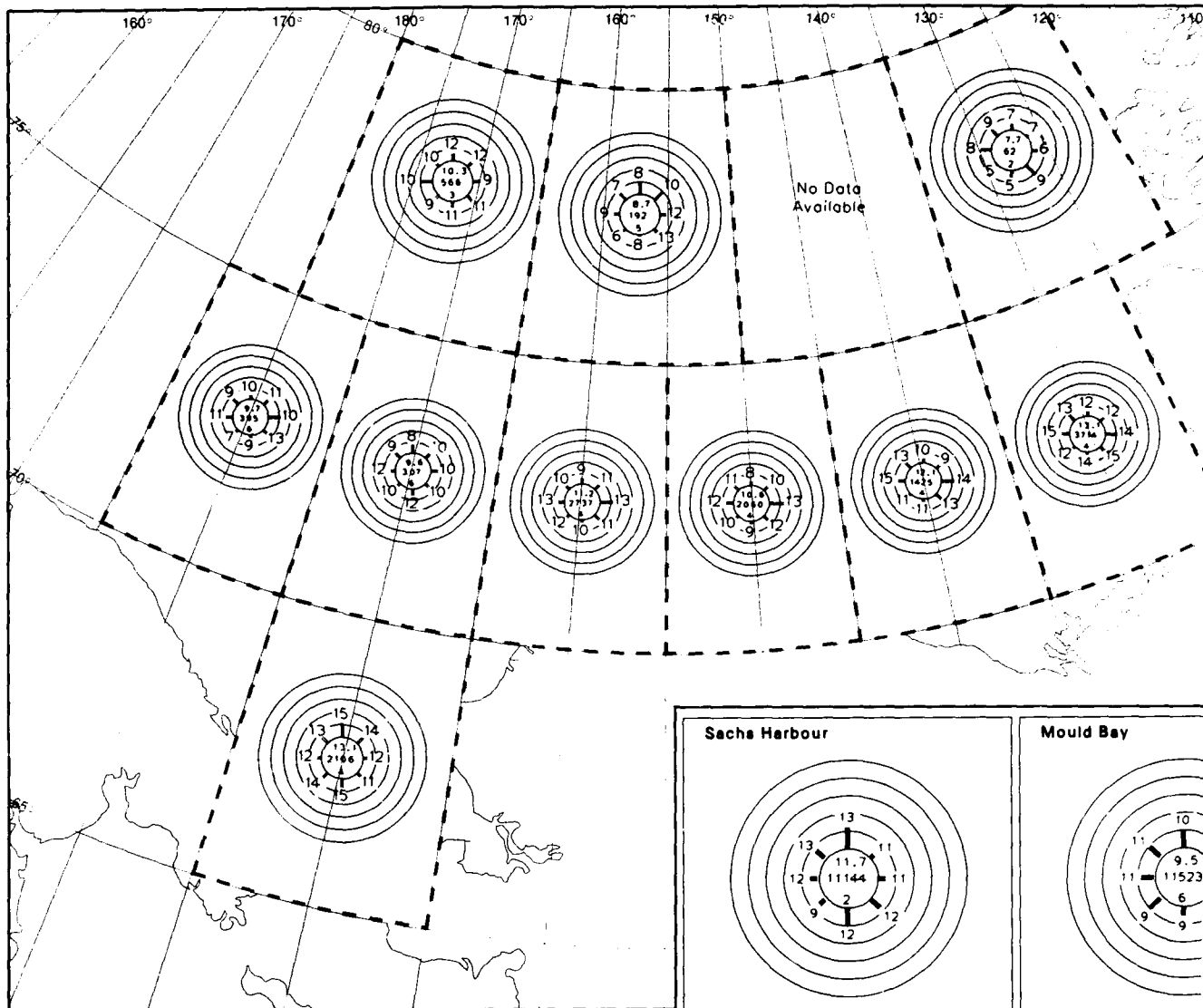
II-358



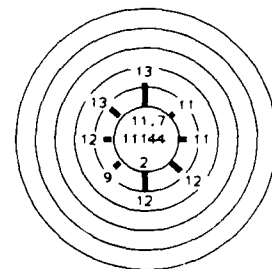
August

14 Wind Speed a

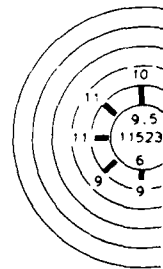
July



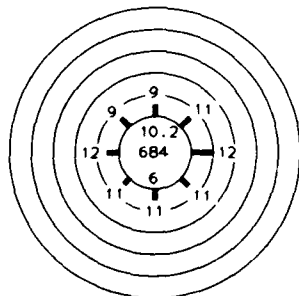
Sachs Harbour



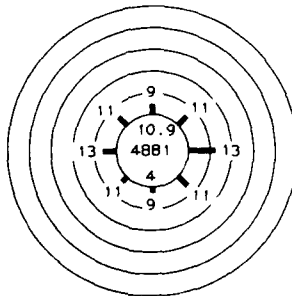
Mould Bay



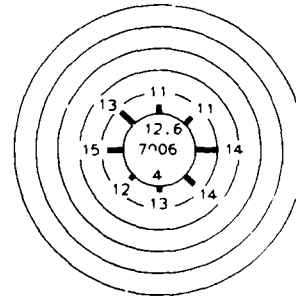
Marine Area A



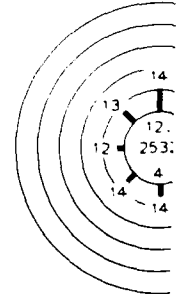
Marine Area B



Marine Area C



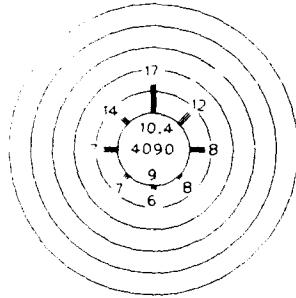
Marine Area D



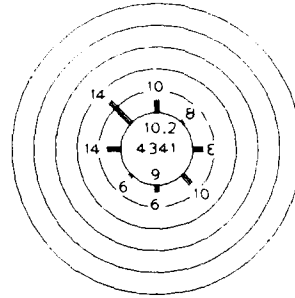
14 Wind Speed and Direction

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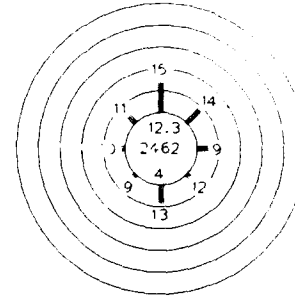
Ostrov Vrangeliya



Mys Shmidt



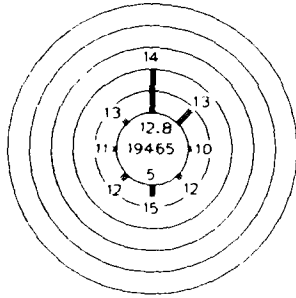
Ostrov Kolyuchino



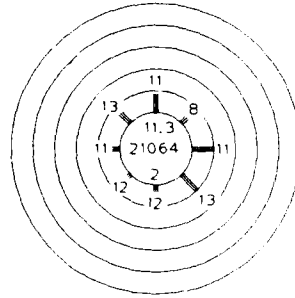
Mys Uelen



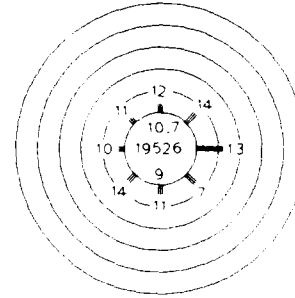
Tin City



Kotzebue



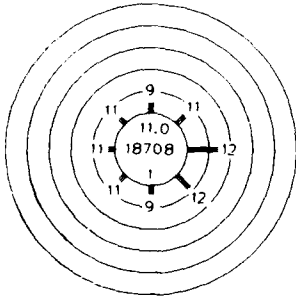
Cape Lisburne



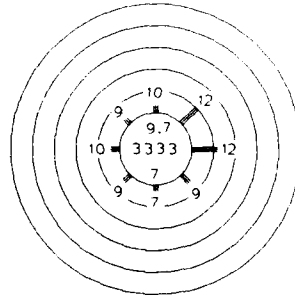
Point Lay



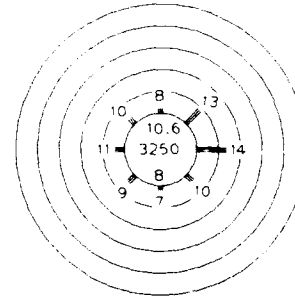
Barrow



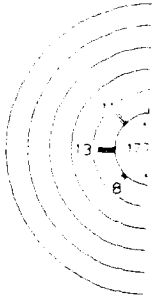
Lonely



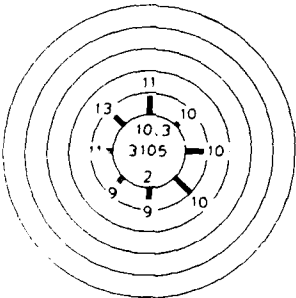
Oliktok



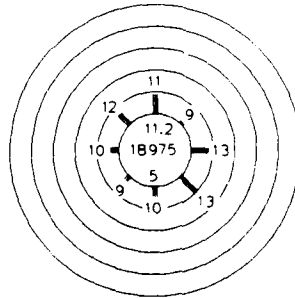
Barter



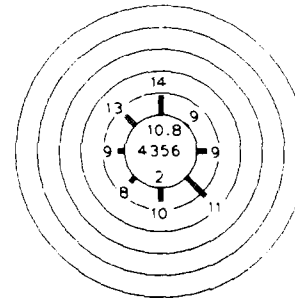
Tuktoyaktuk



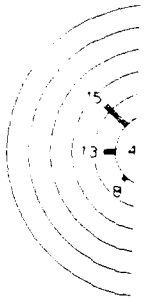
Cape Parry



Clinton Point



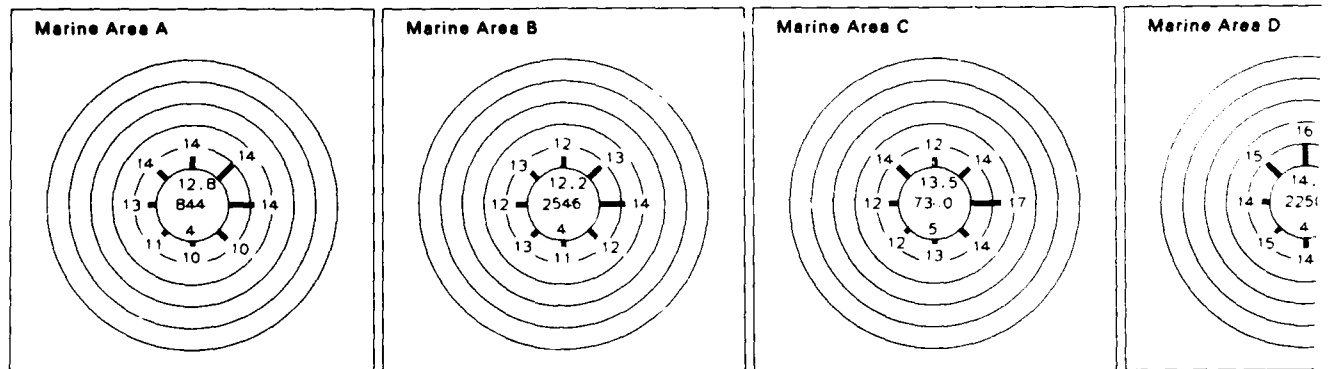
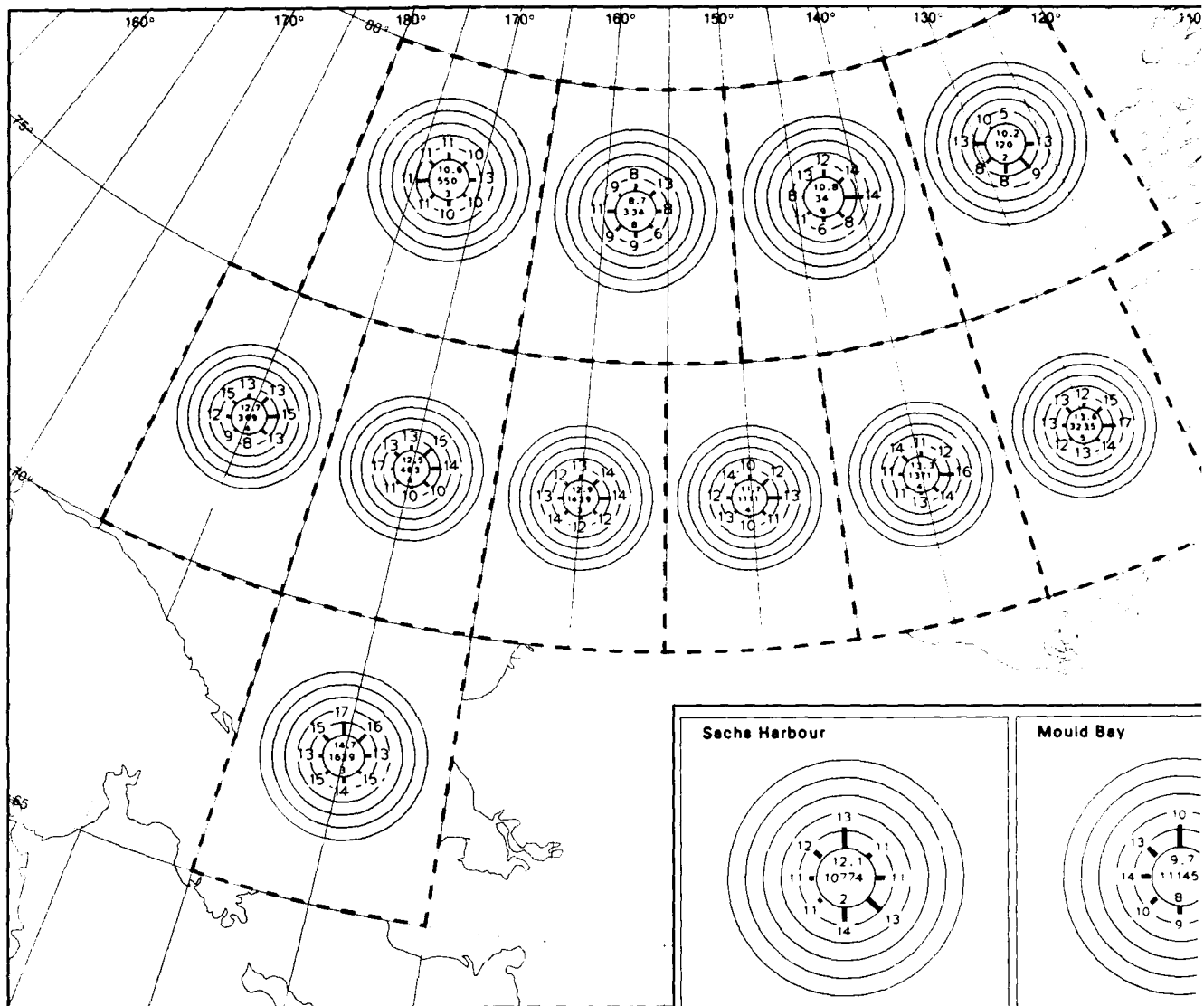
Holman



August

September

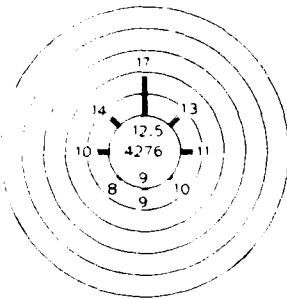
14 Wind Speed



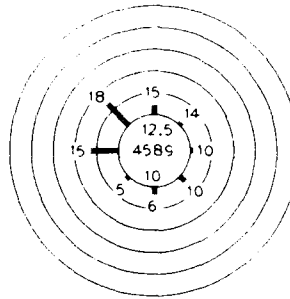
14 Wind Speed and Direction

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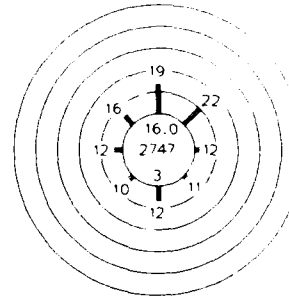
Ostrov Vrangolja



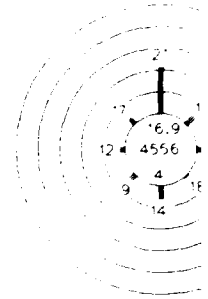
Mys Shmidt



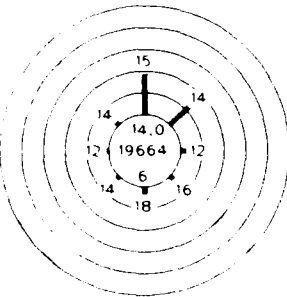
Ostrov Kolychino



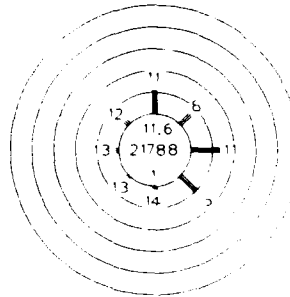
Mys Uelen



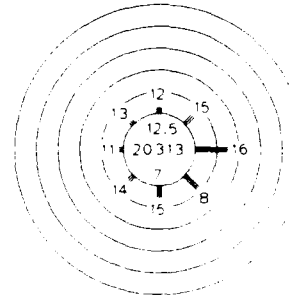
Tin City



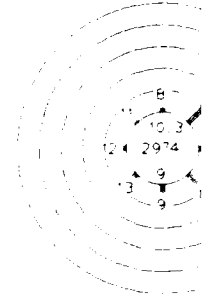
Kotzebue



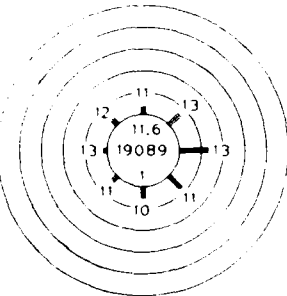
Cape Lisburne



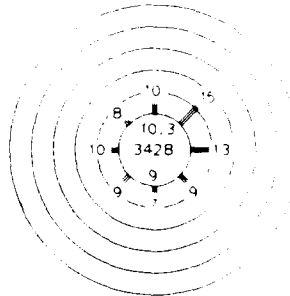
Point Lay



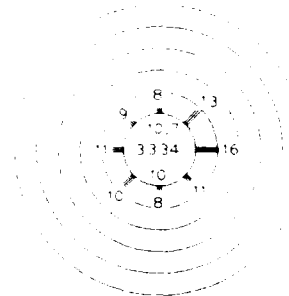
Barrow



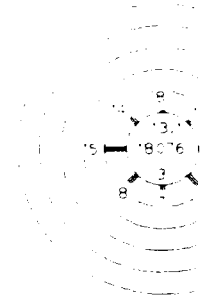
Lonely



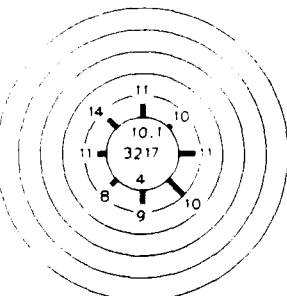
Oliktok



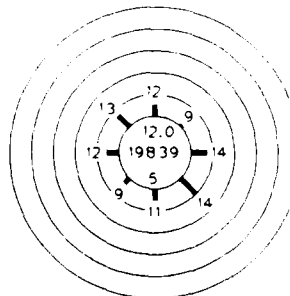
Barter



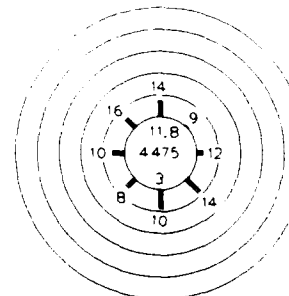
Tuktoyaktuk



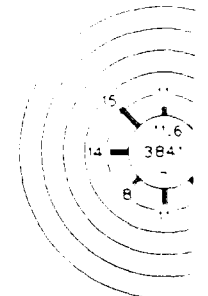
Cape Perry



Clinton Point

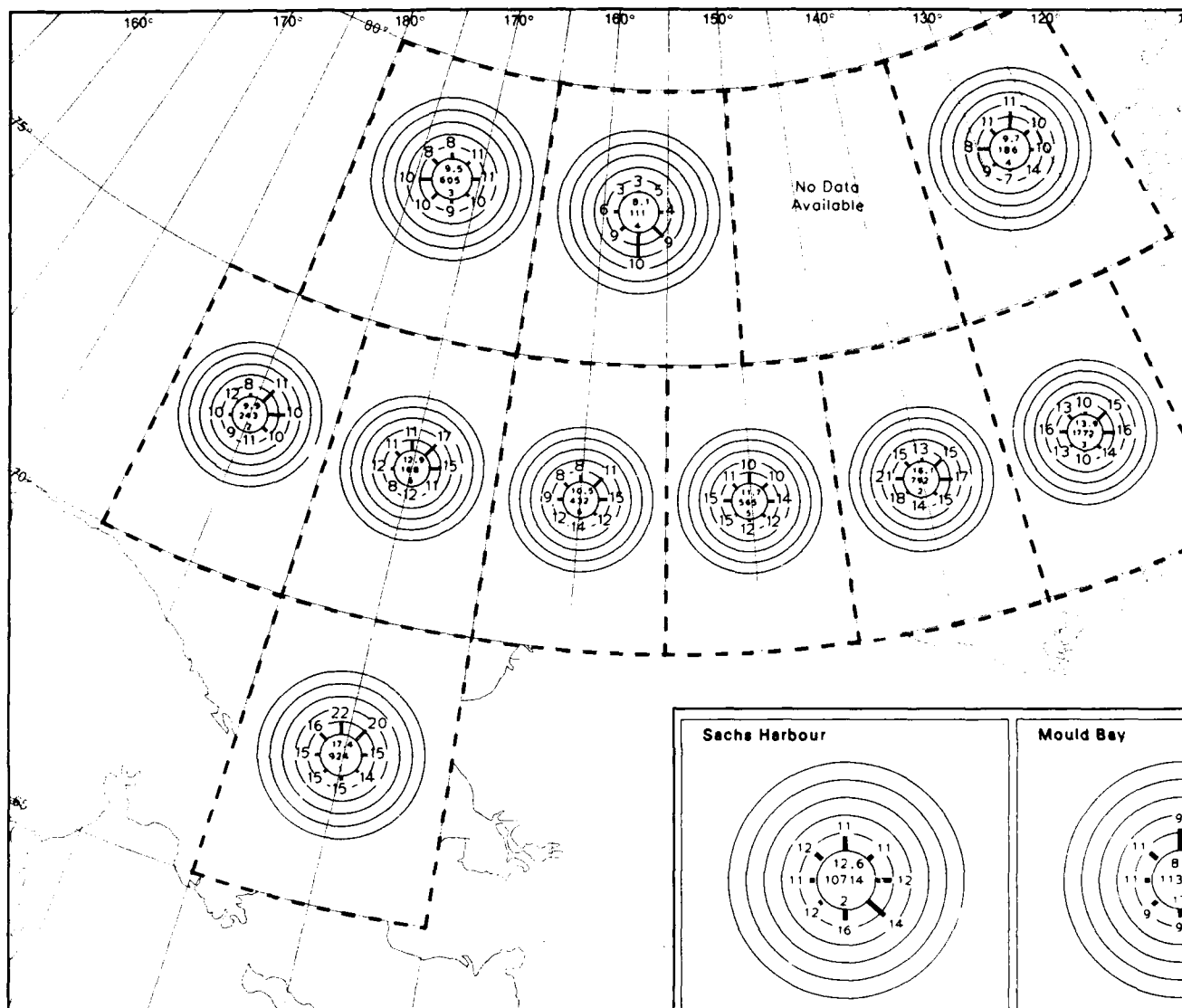


Holman

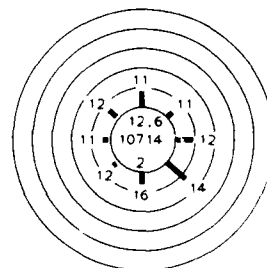


October

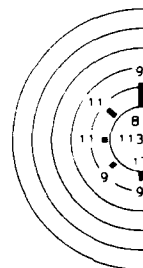
14 Wind Speed at



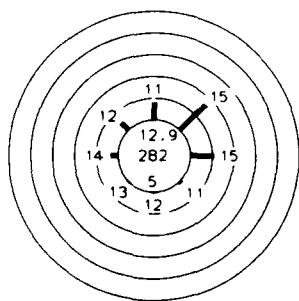
Sachs Harbour



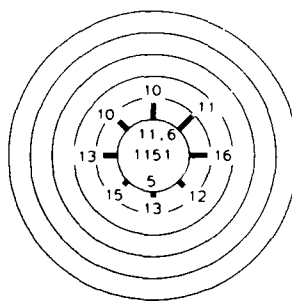
Mould Bay



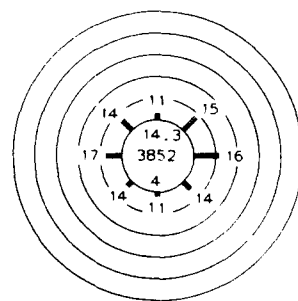
Marine Area A



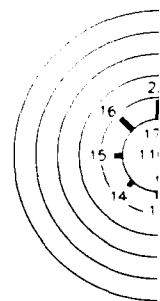
Marine Area B



Marine Area C



Marine Area D

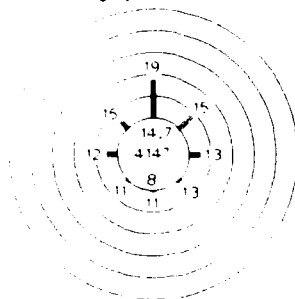


14 Wind Speed and Direction

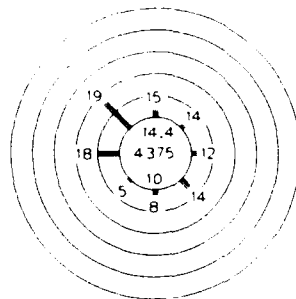
Direction

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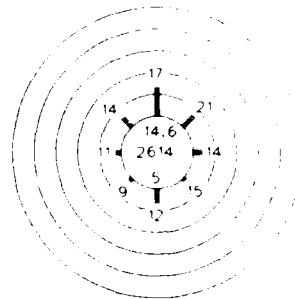
Ostrov Vrangolja



Mys Shmidt



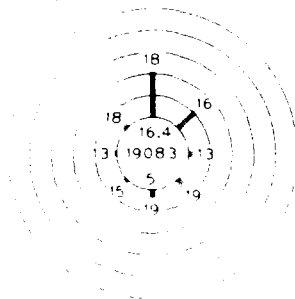
Ostrov Kolychino



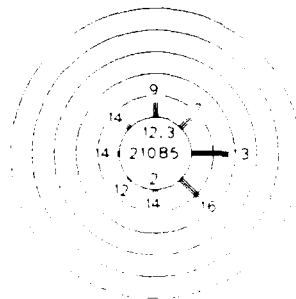
Mys Uelen



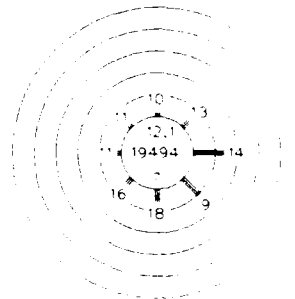
Tin City



Kotzebue



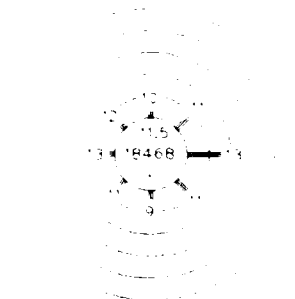
Cape Lisburne



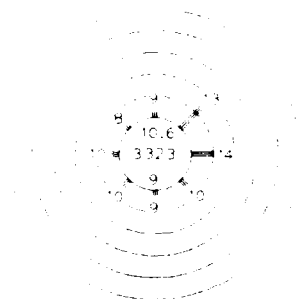
Point Lay



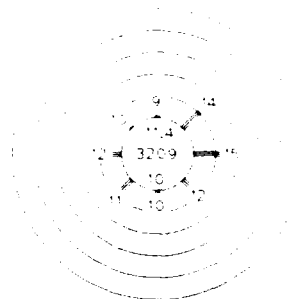
Barrow



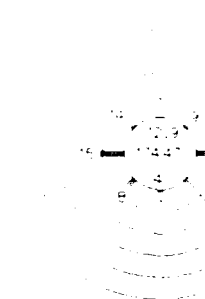
Lonely



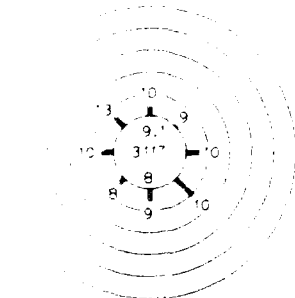
Oliktok



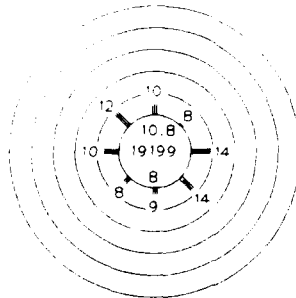
Barter



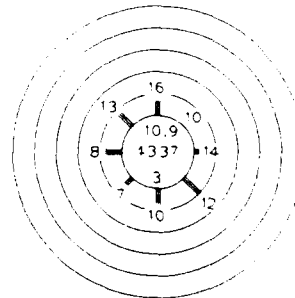
Tuktoyaktuk



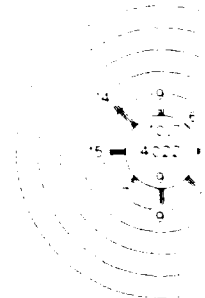
Cape Perry



Clinton Point

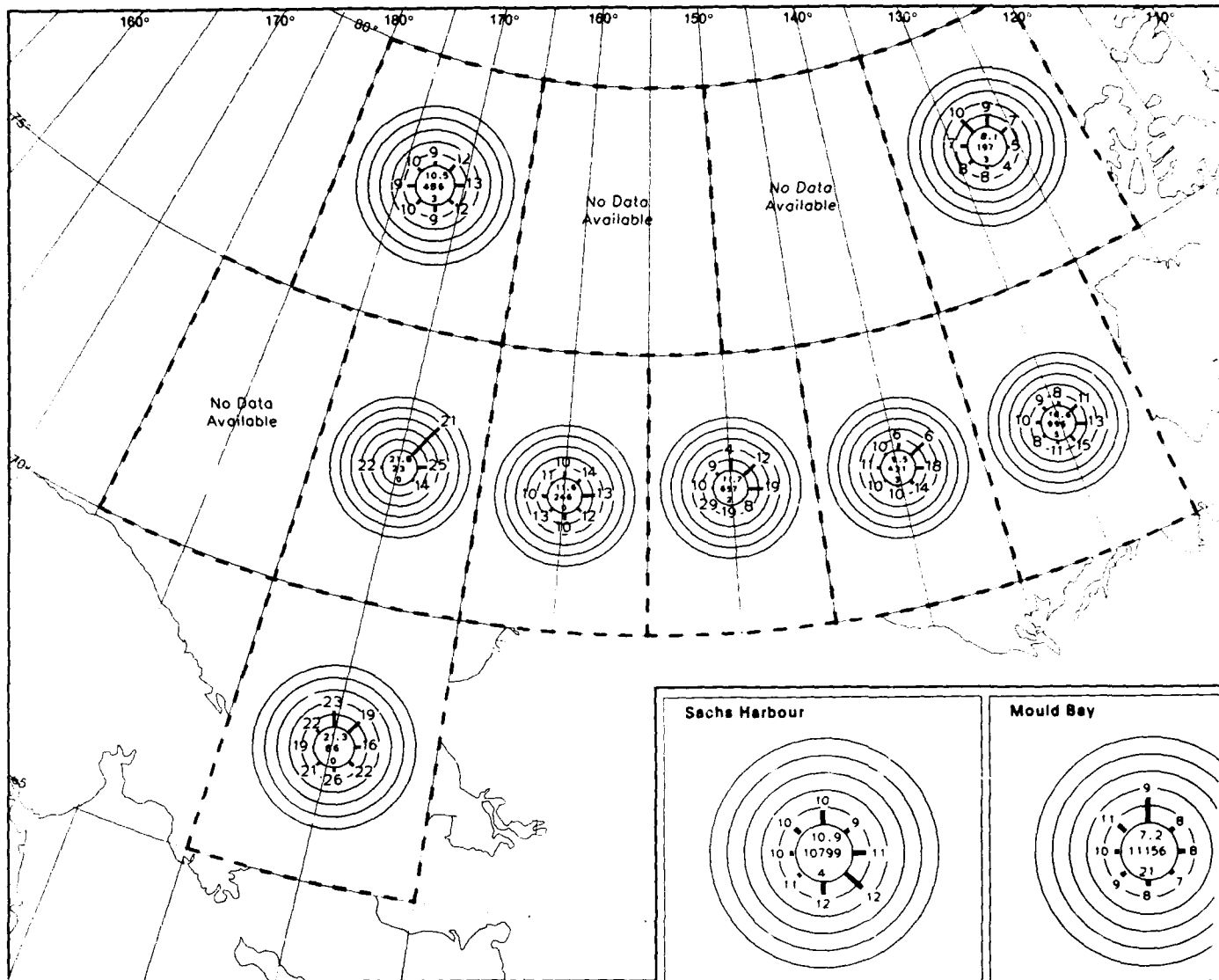


Holman

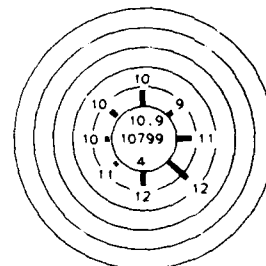


November

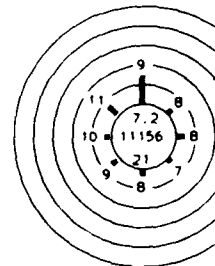
14 Wind Speed an



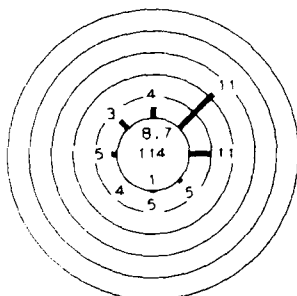
Sachs Harbour



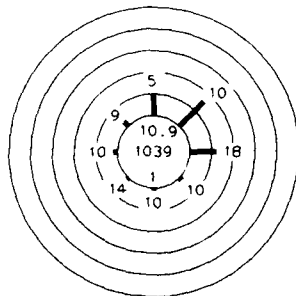
Mould Bay



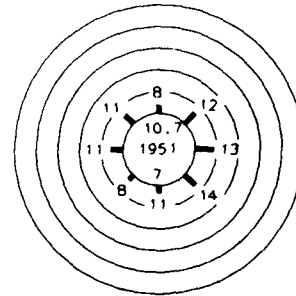
Marine Area A



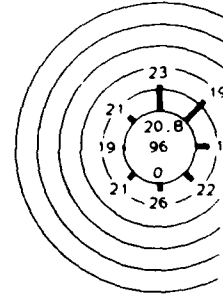
Marine Area B



Marine Area C



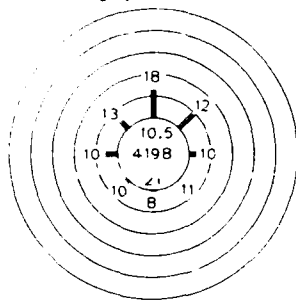
Marine Area D



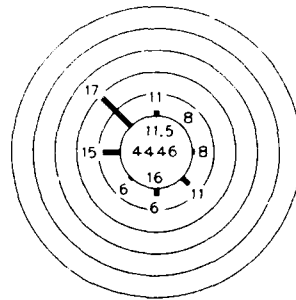
14 Wind Speed and Direction

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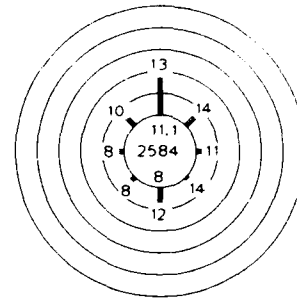
Ostrov Vrangeliya



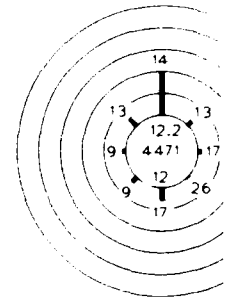
Mys Shmidt



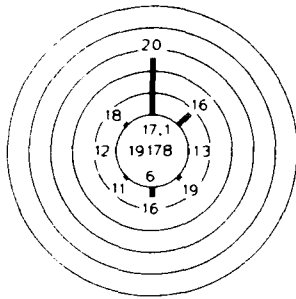
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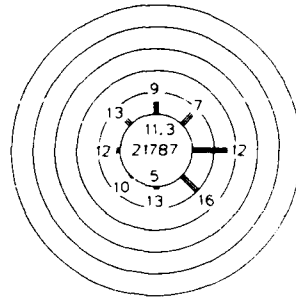
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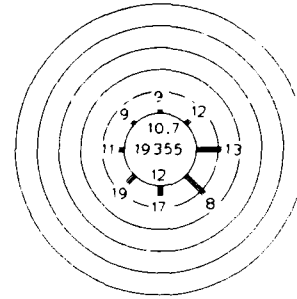
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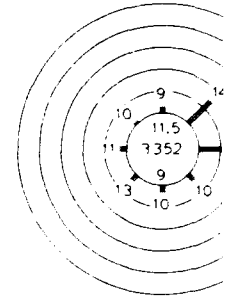
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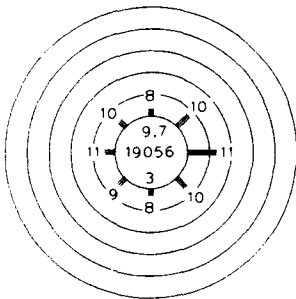
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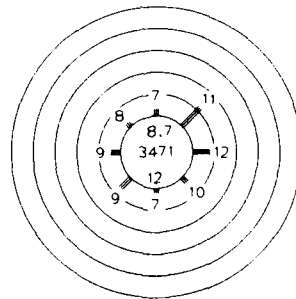
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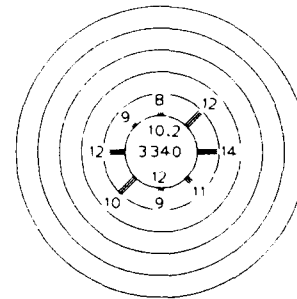
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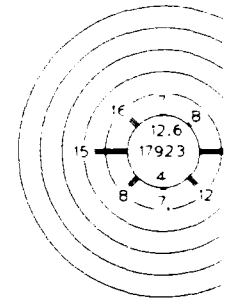
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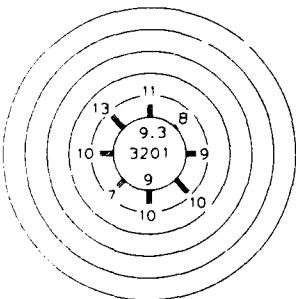
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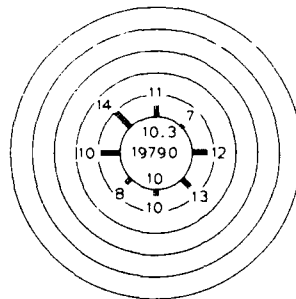
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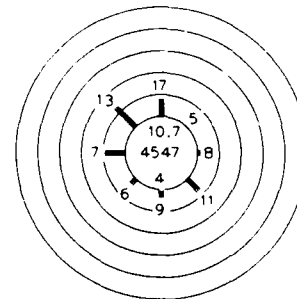
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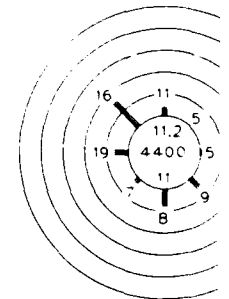
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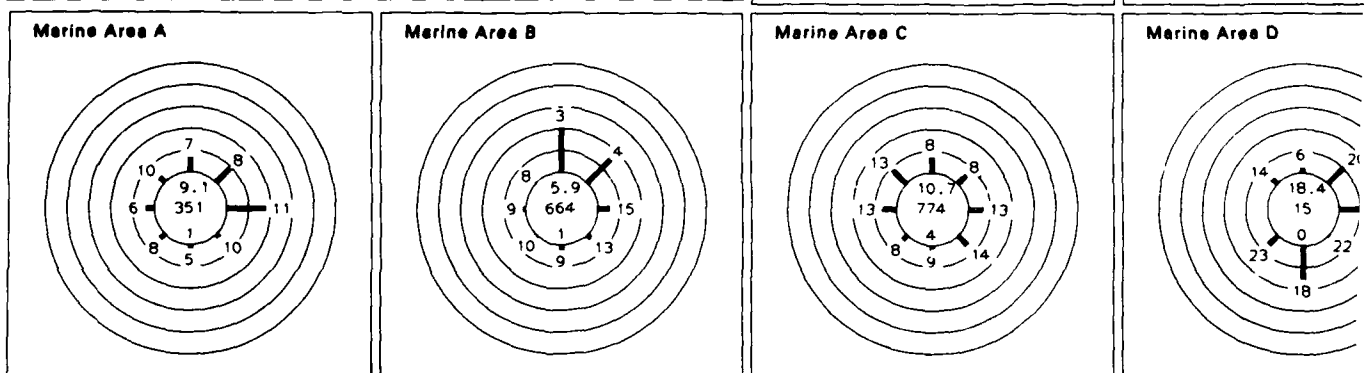
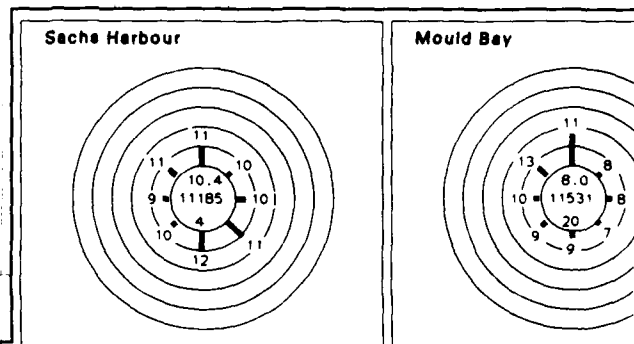
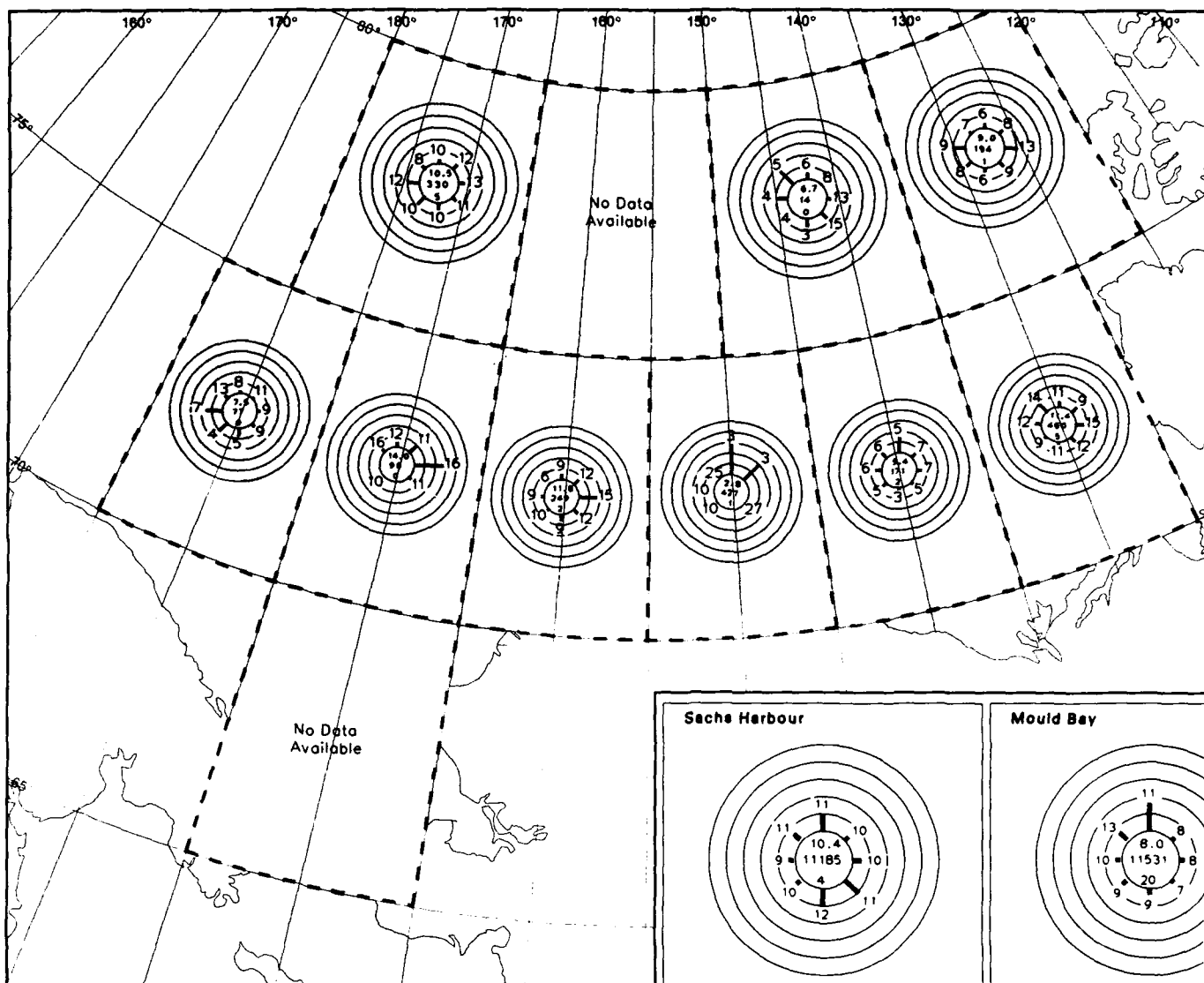


Holman



December

14 Wind Speed and



14 Wind Speed and Direction

II-367



II-368



ember

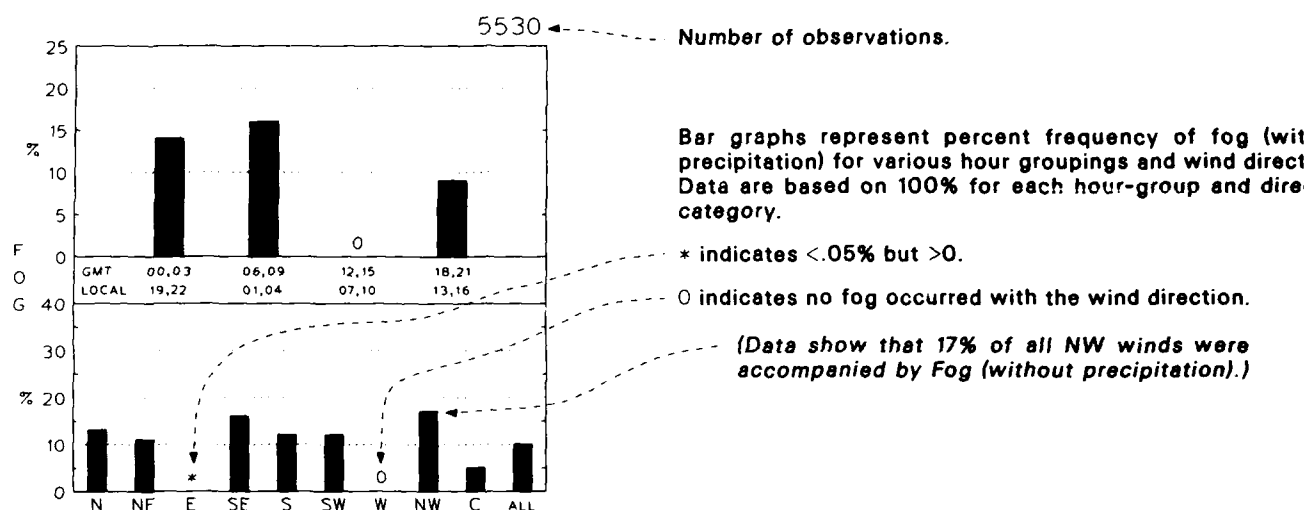
Map 15. Fog and poor visibility

BLACK LINE – Percent frequency of visibility <1/2 nautical mile.

BLUE LINE – Percent frequency of fog occurring without precipitation.

Albers Equal-Area Conic Projection

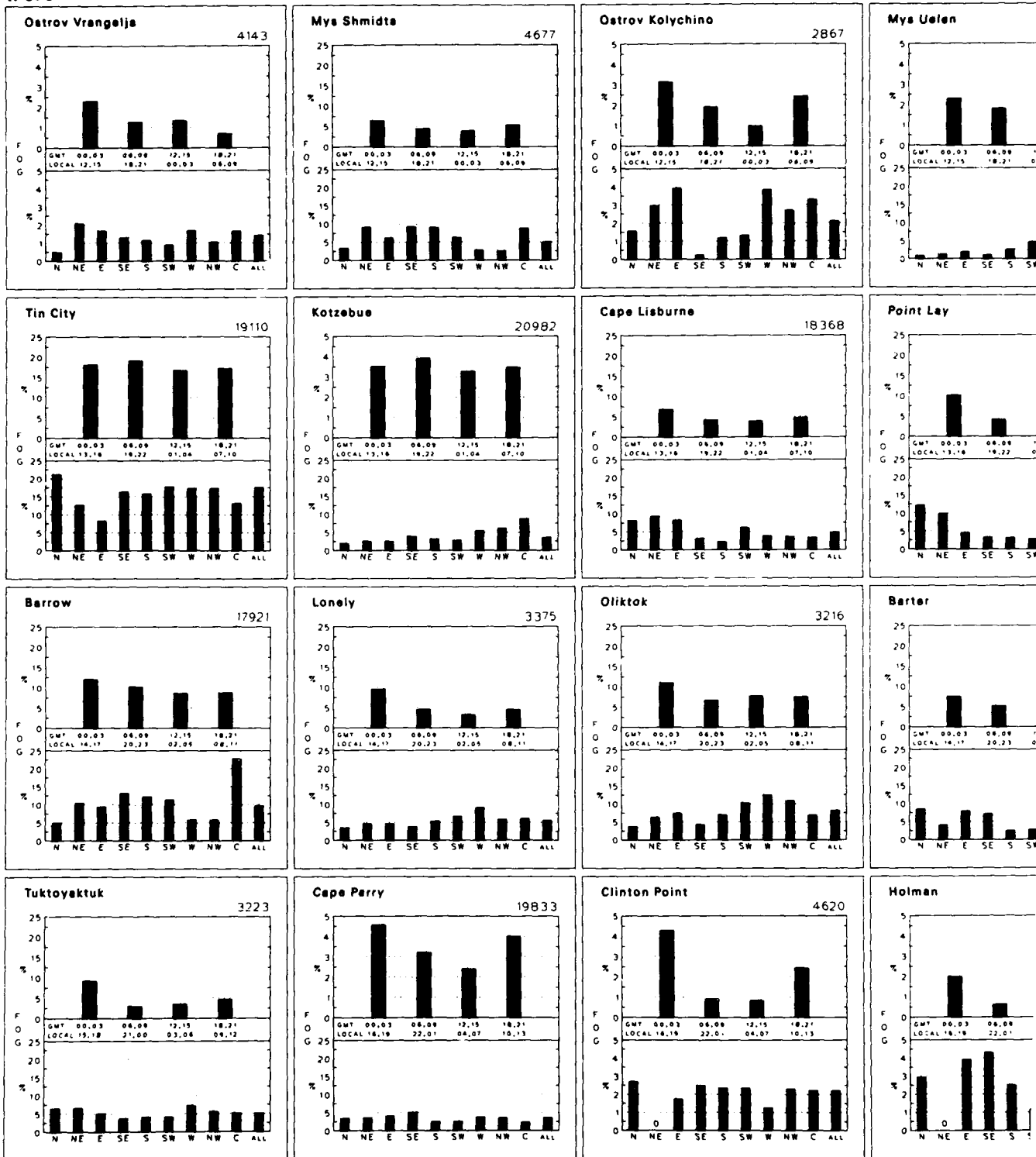
Graphs: Fog/time and fog/wind direction



Fog is composed of minute droplets suspended in the atmosphere near the earth's surface which have no visible motion (fog is a stratus cloud on the surface). Fog is distinguished from haze (suspended dust or salt particles, yellow in color) by its dampness and grey color; also its restriction of visibility (less than one-half nautical mile) if deeper than height considered average for the observer above the sea surface while standing on the bridge of a ship (WMO code exists when the difference between the air and dew point temperatures is more than 2.5°C. Present weather coding marine observation is restricted to reporting of fog only when no precipitation is occurring at the time of observation sent weather code table in the text of Set 2). Therefore, determination of occurrences of either fog with precipitation not possible. The isopleth presentation (BLACK LINE) of visibility less than one-half nautical mile, includes all visibility due to any weather phenomena; i.e., fog, precipitation, dust, smoke, etc.

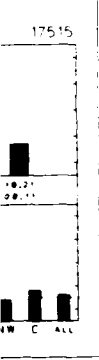
15 Legend

II-370

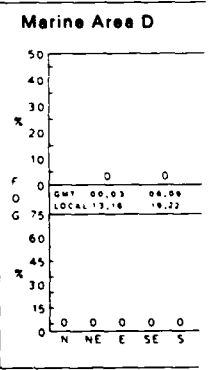
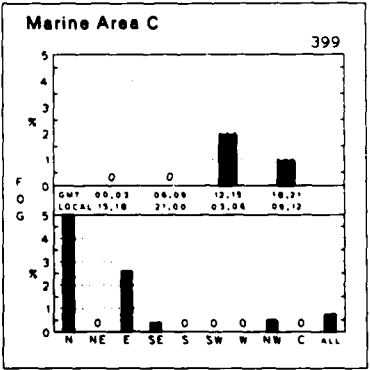
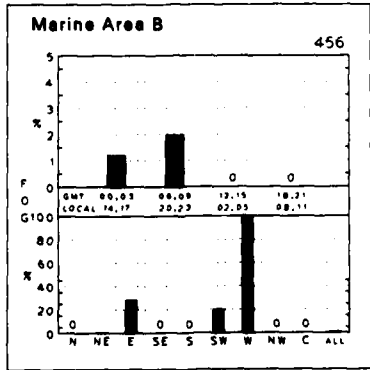
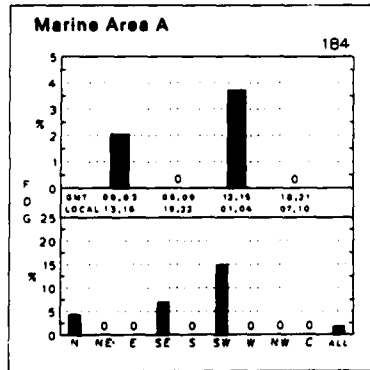
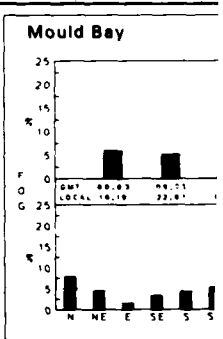
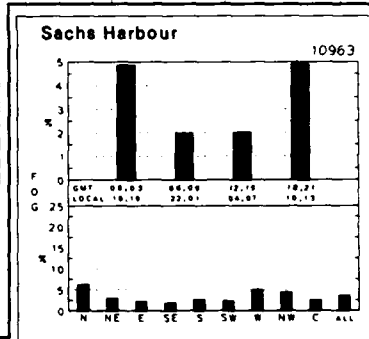
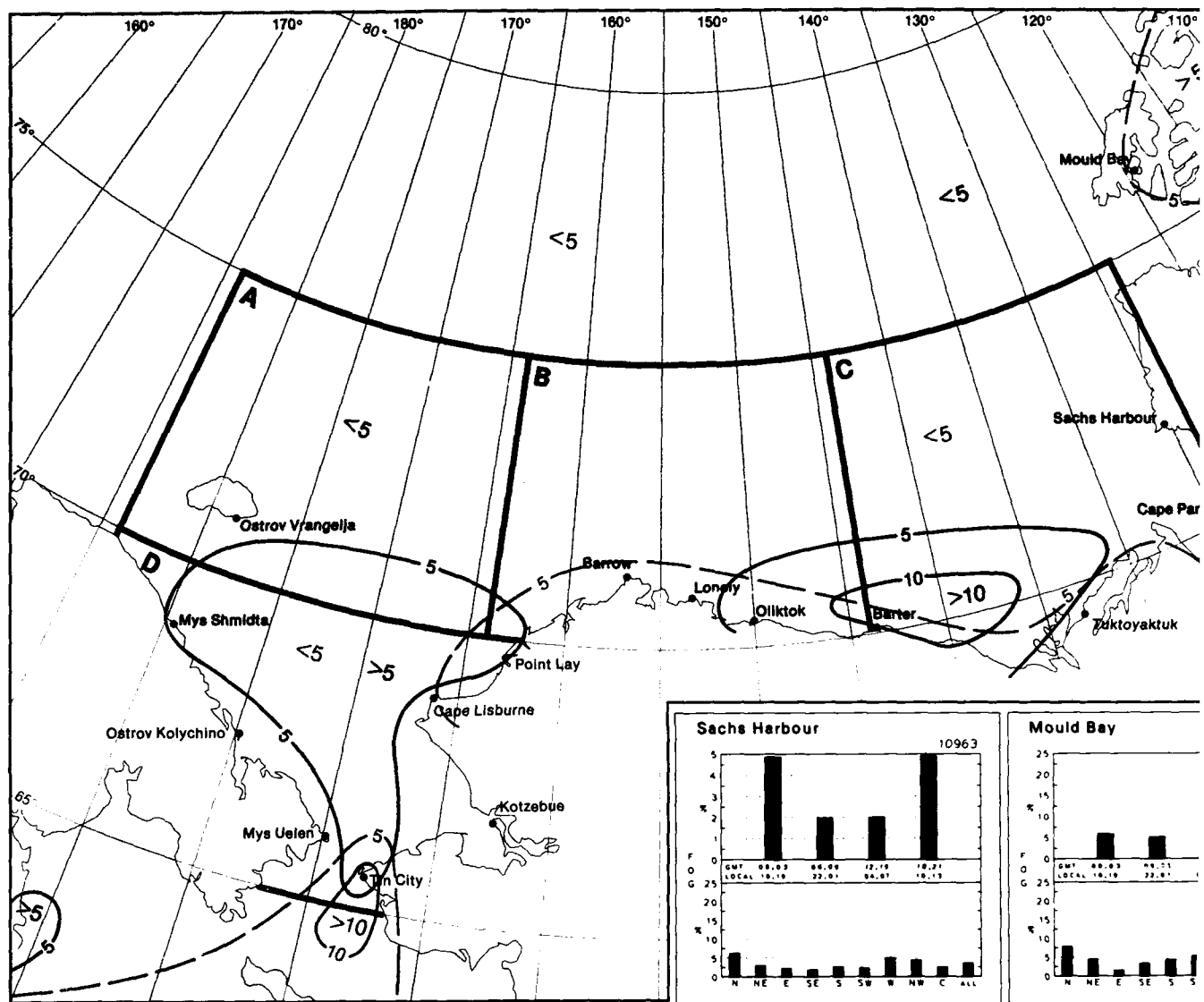


January

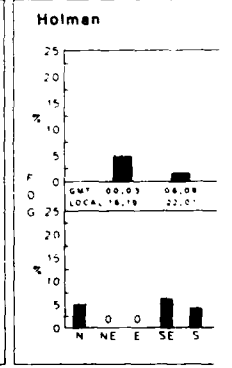
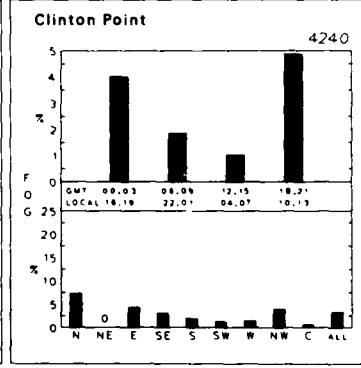
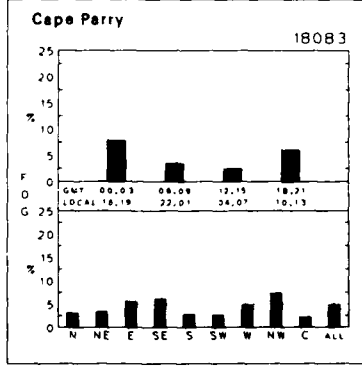
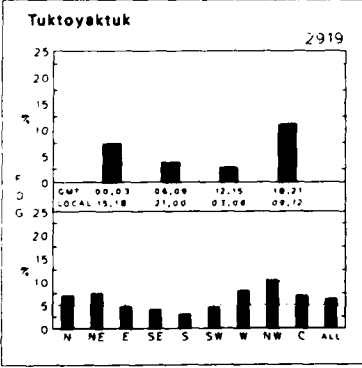
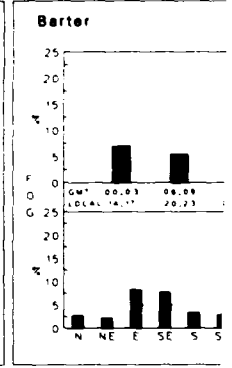
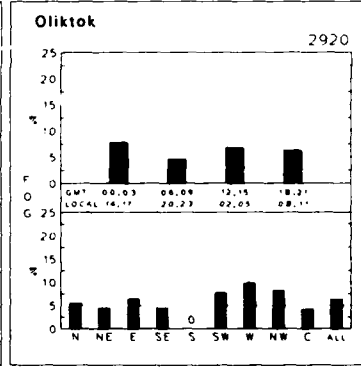
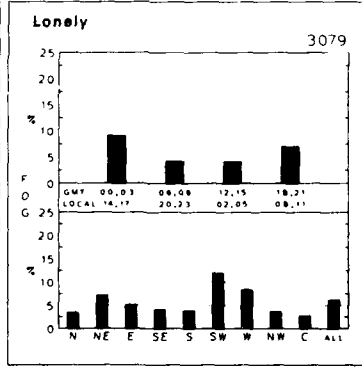
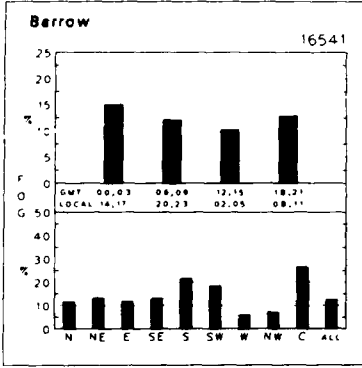
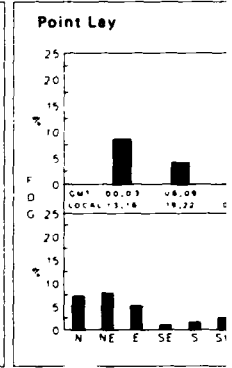
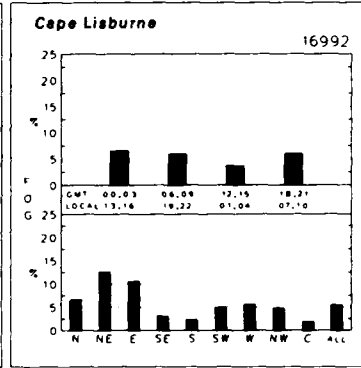
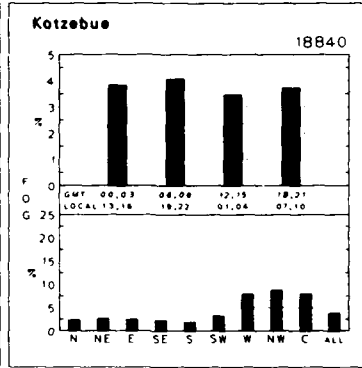
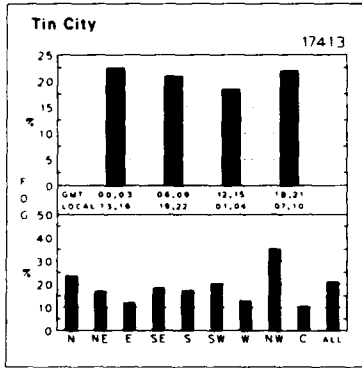
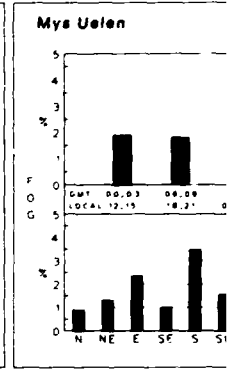
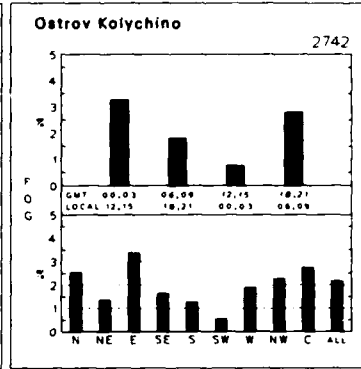
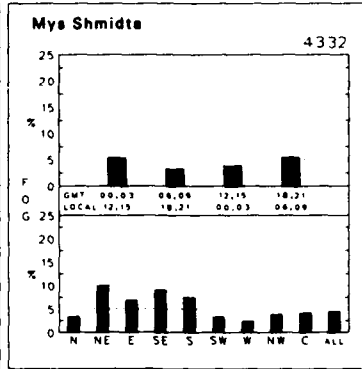
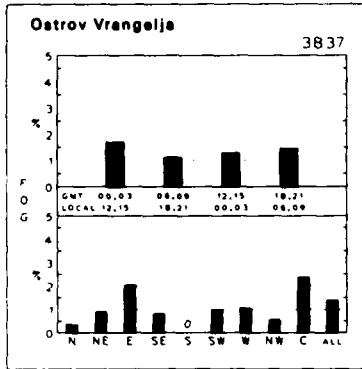
15 Fog-Time and Fog-Win



Direction



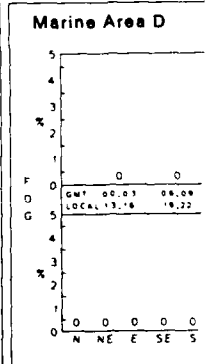
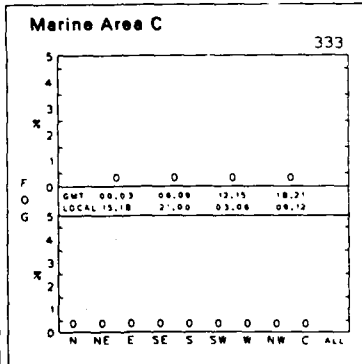
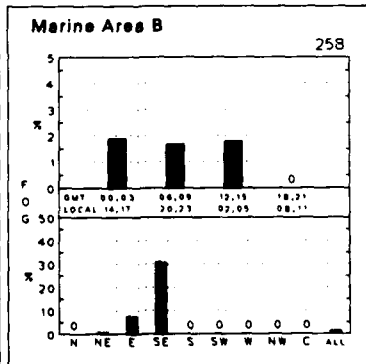
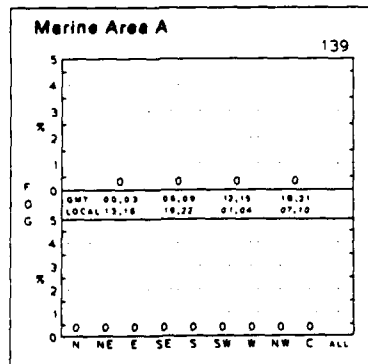
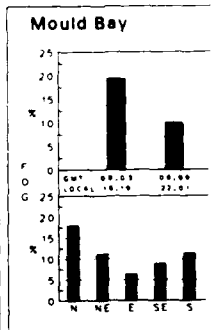
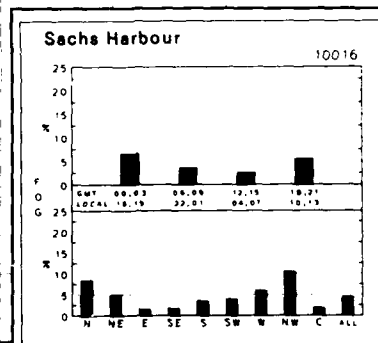
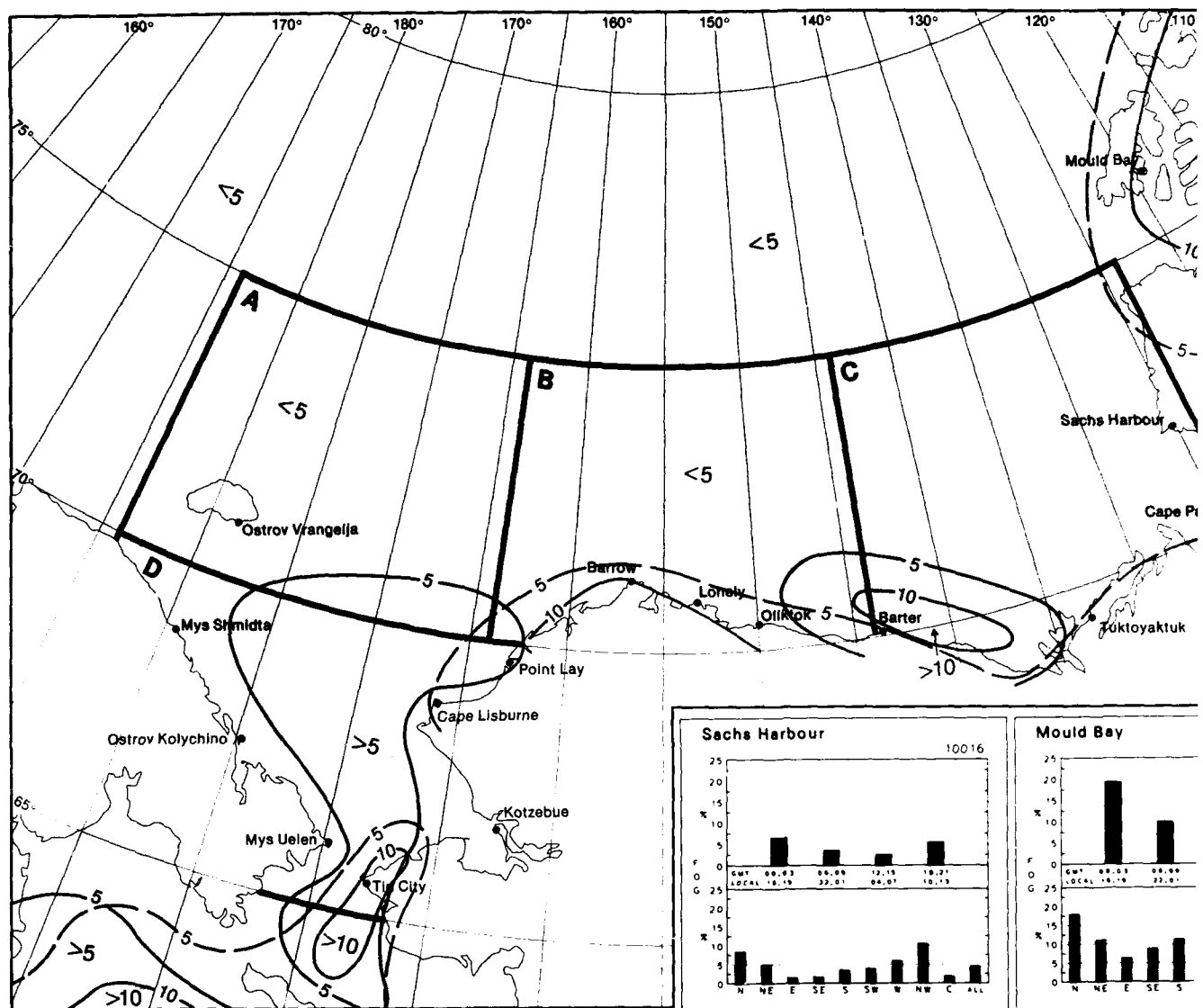
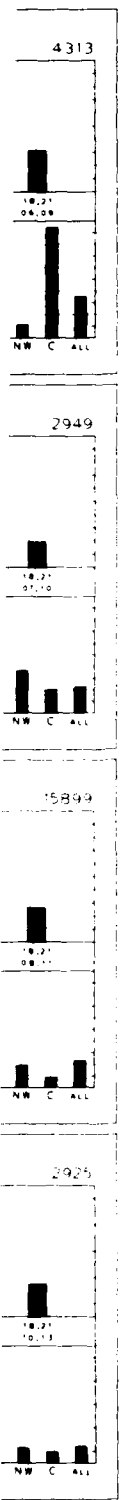
15 Fog and Poor Visibility



February

15 Fog-Time and Fog-Wi

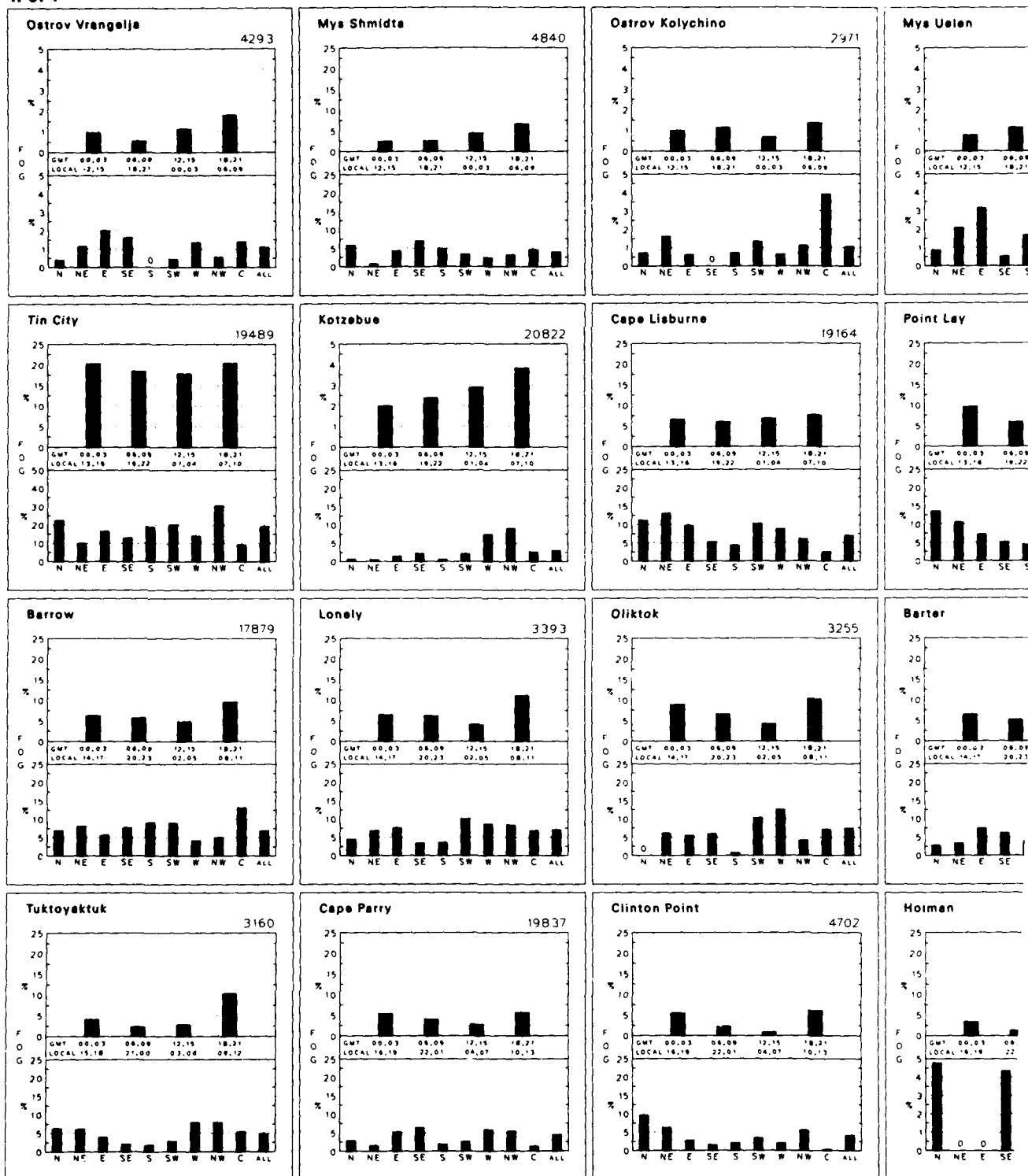
January



Direction

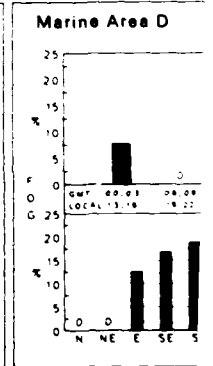
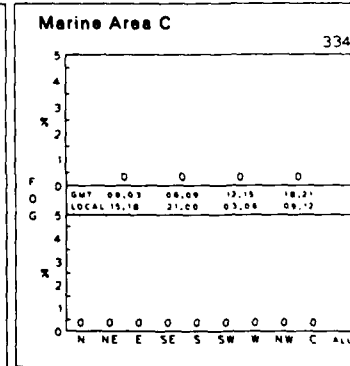
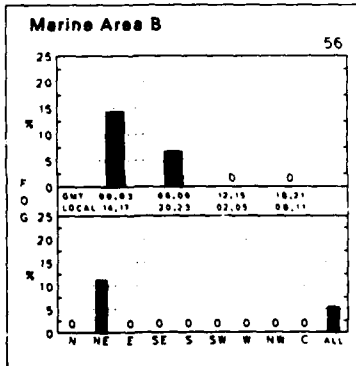
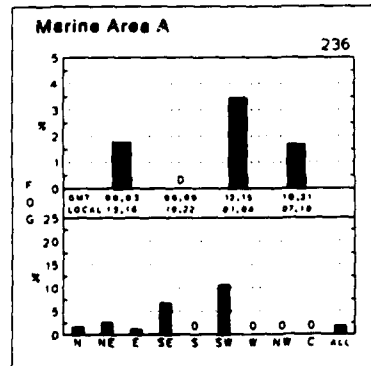
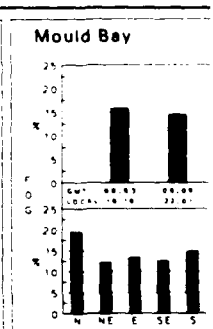
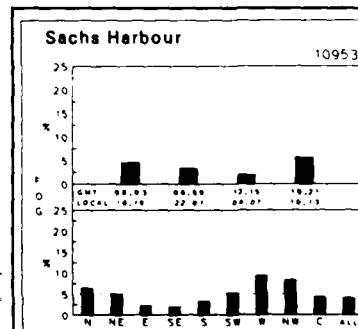
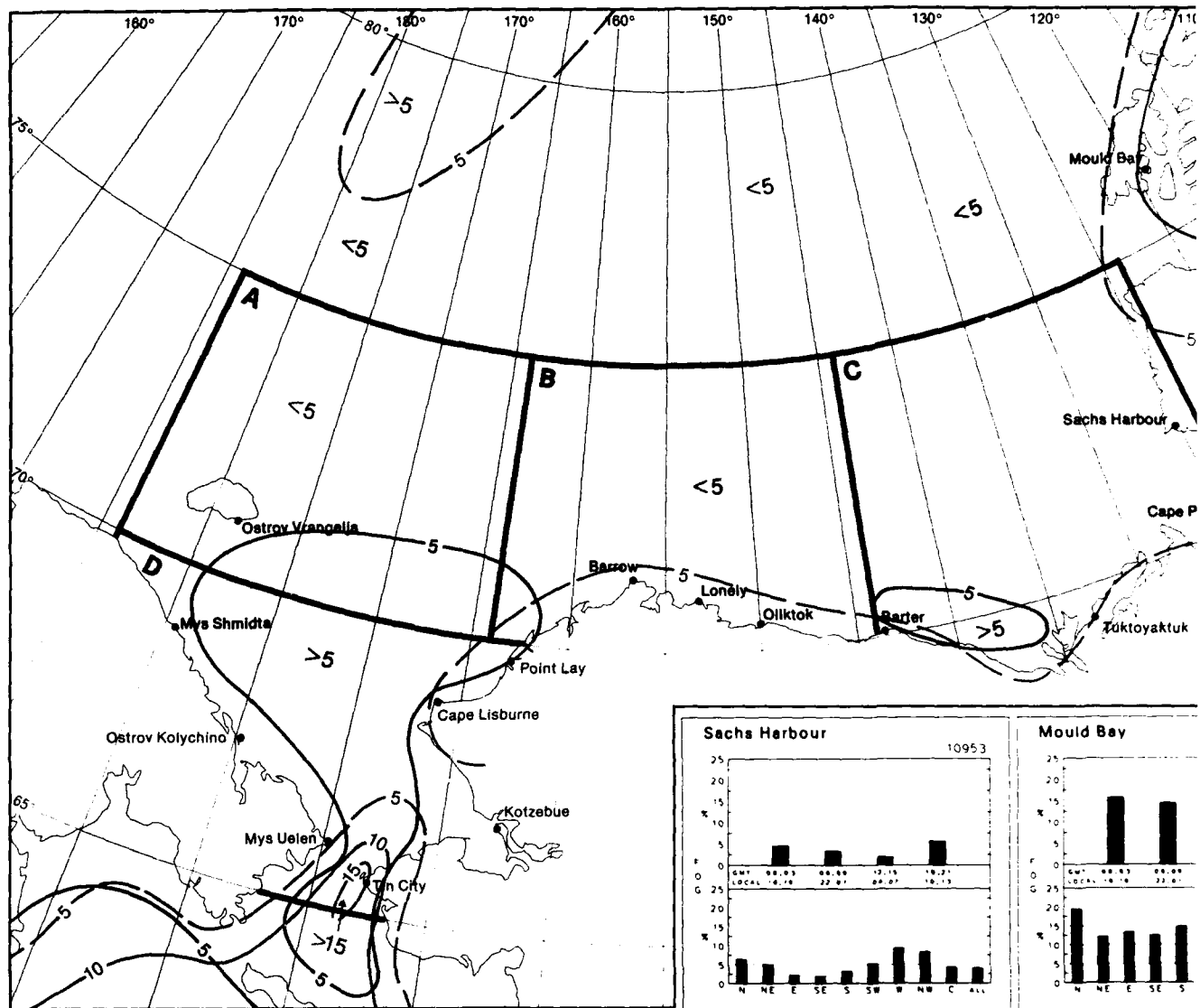
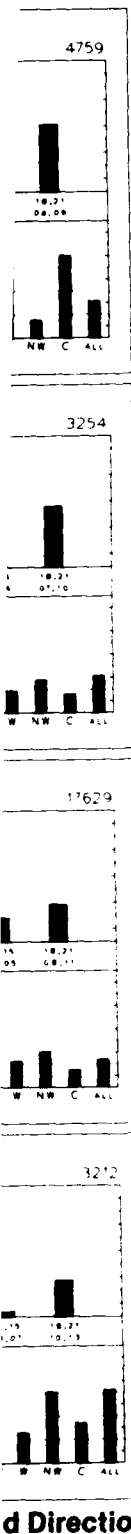
15 Fog and Poor Visibility

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March

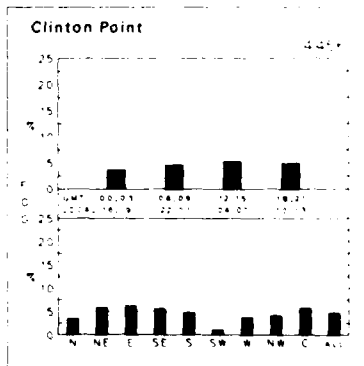
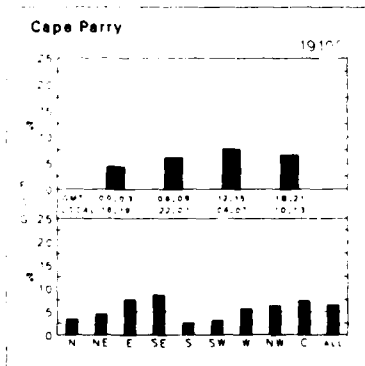
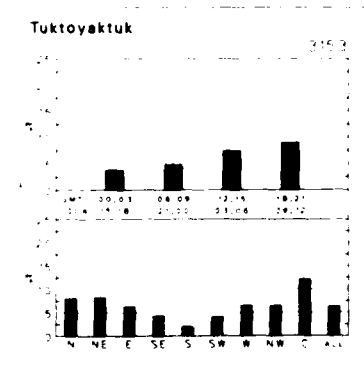
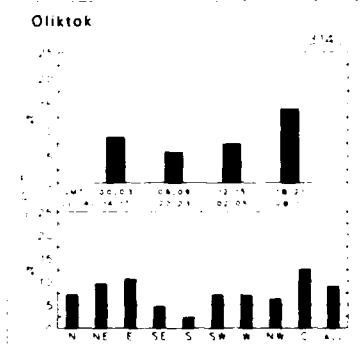
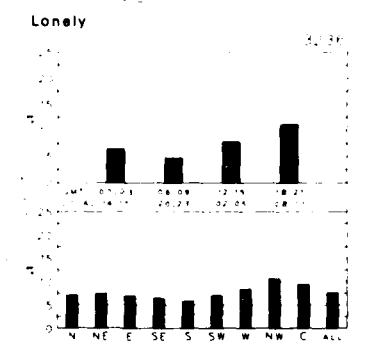
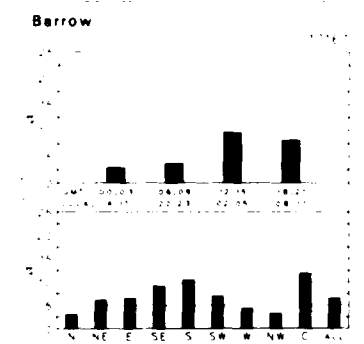
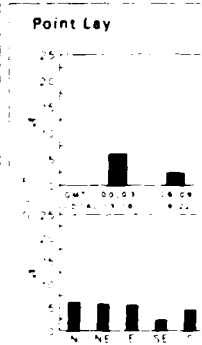
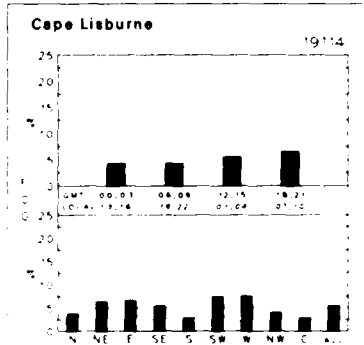
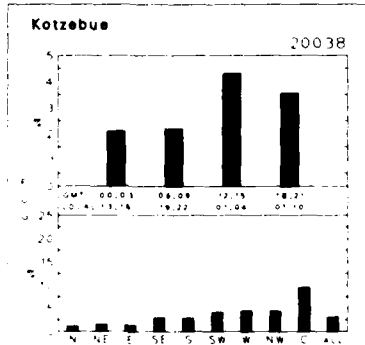
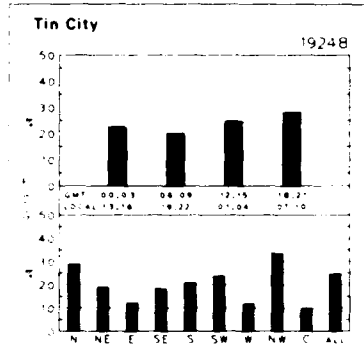
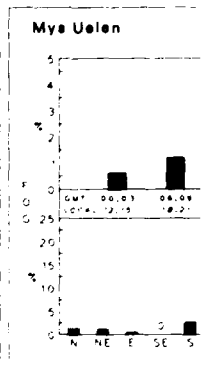
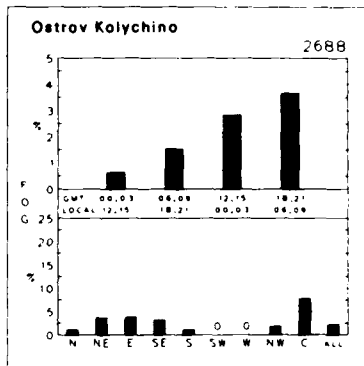
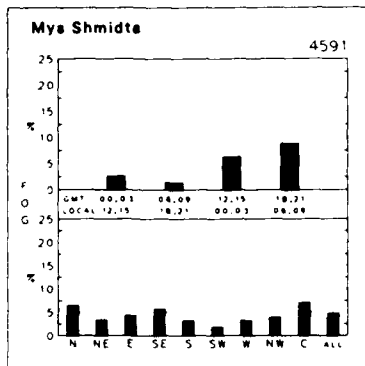
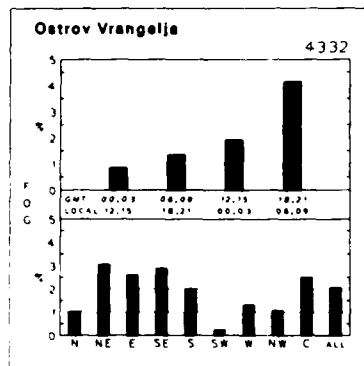
15 Fog-Time and Fog



15 Fog and Poor Visibility

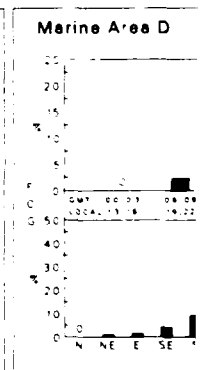
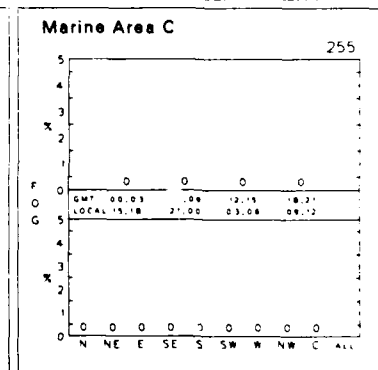
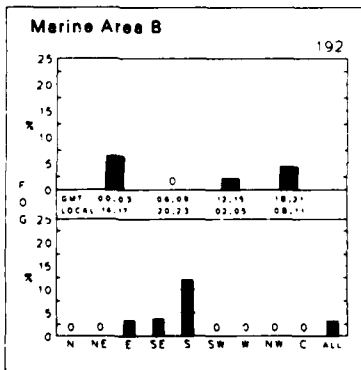
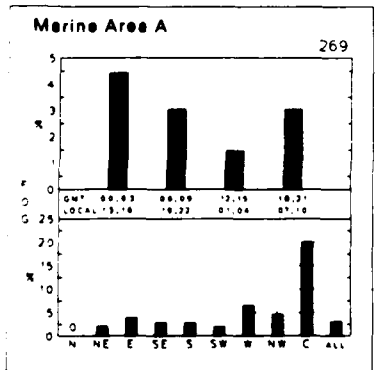
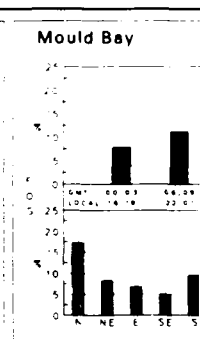
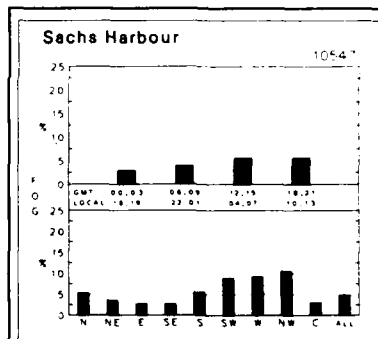
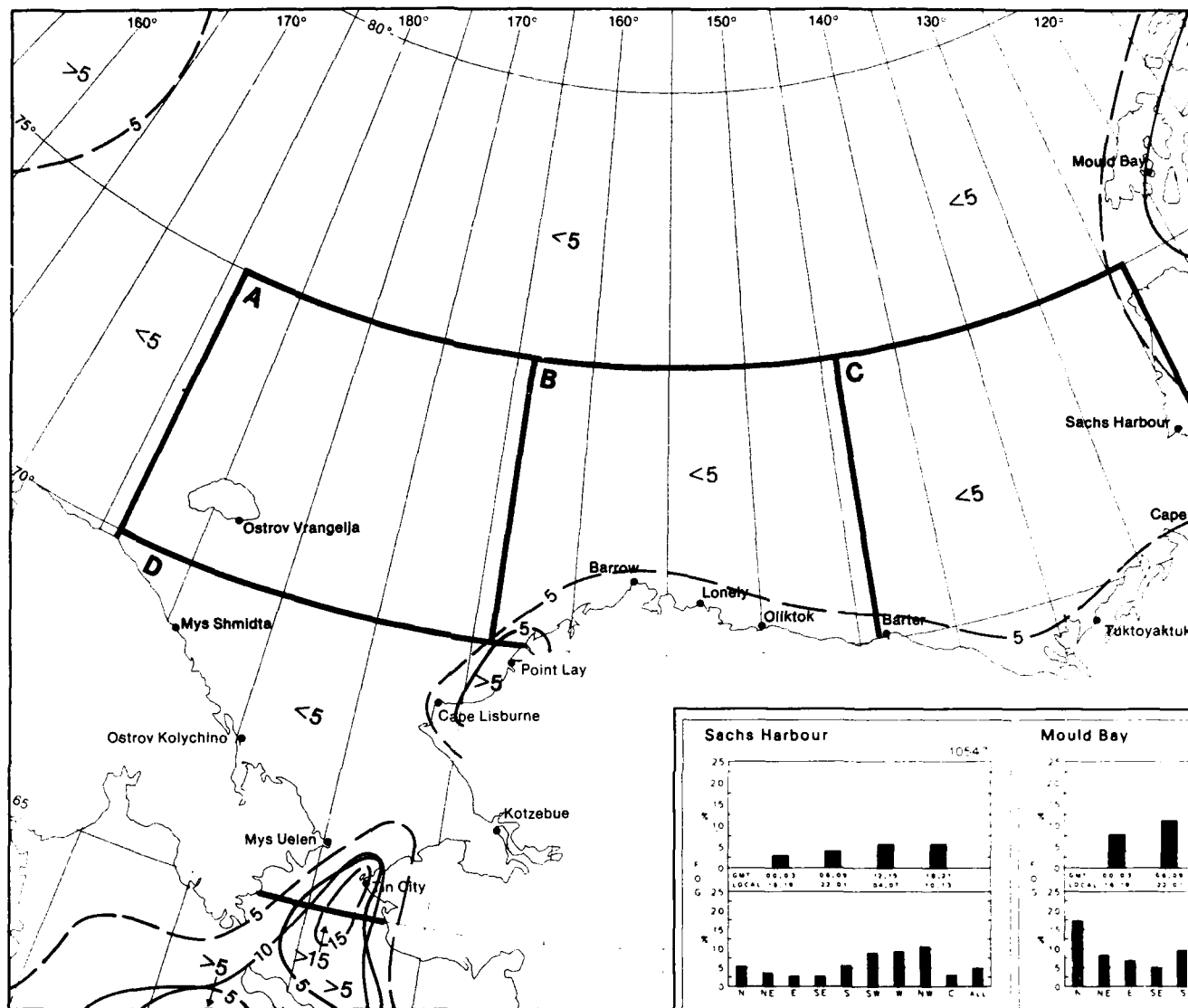


March



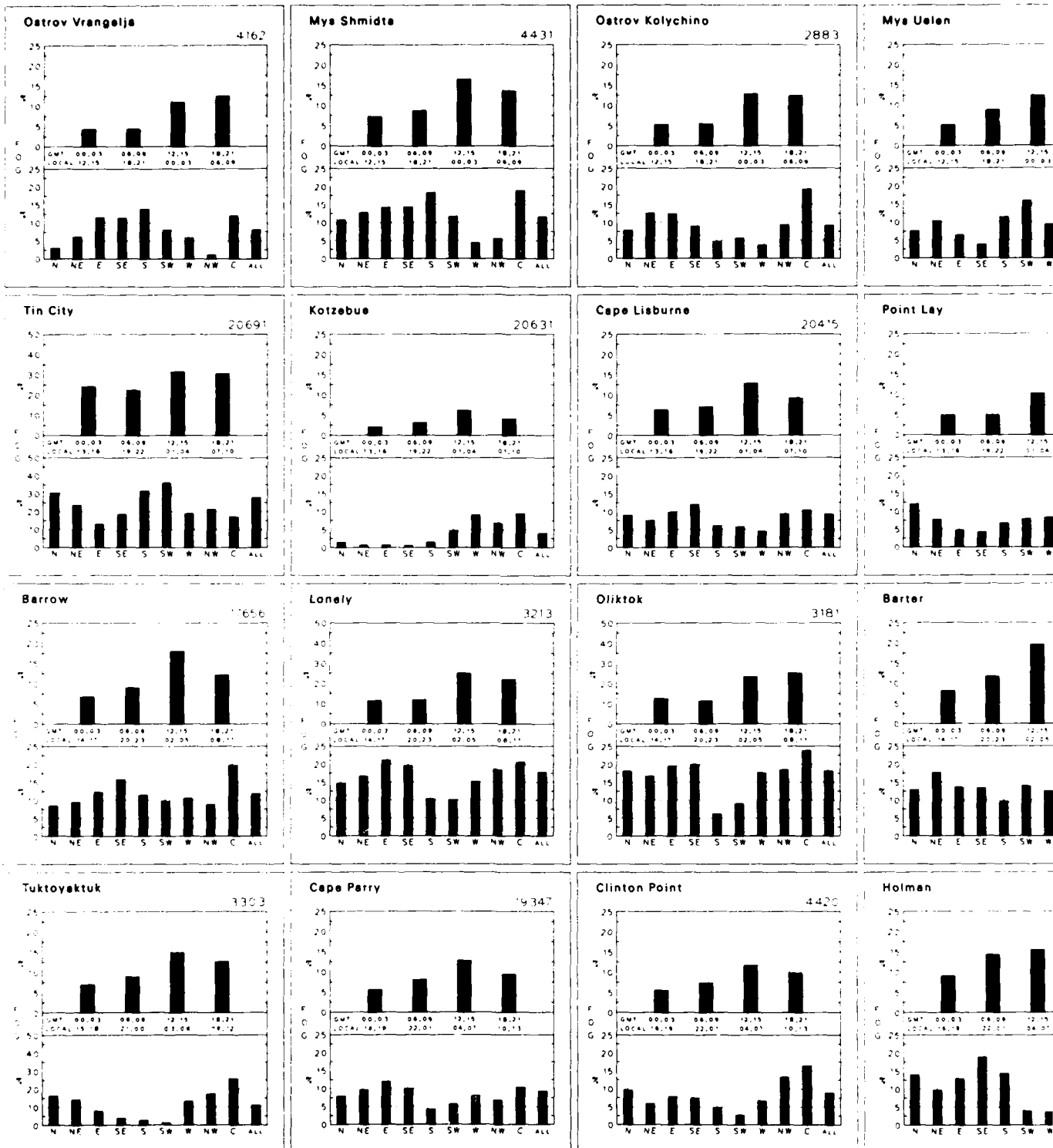
April

15 Fog-Time and Fog-V



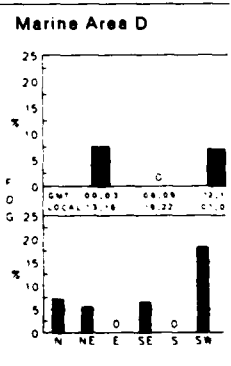
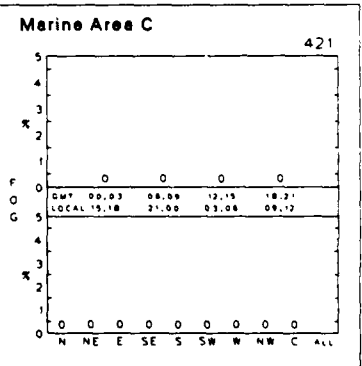
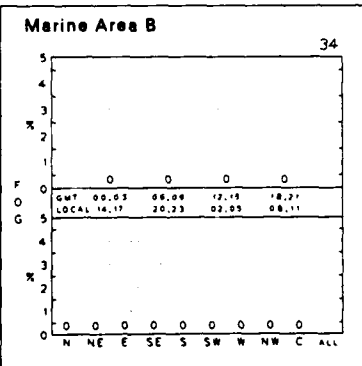
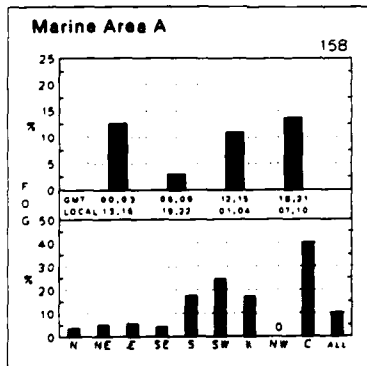
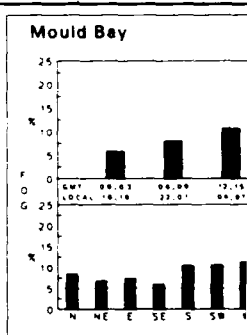
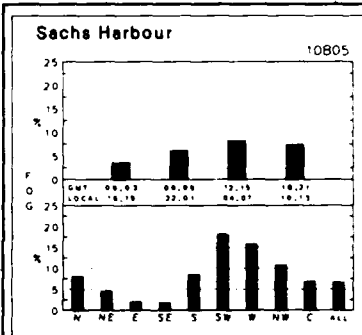
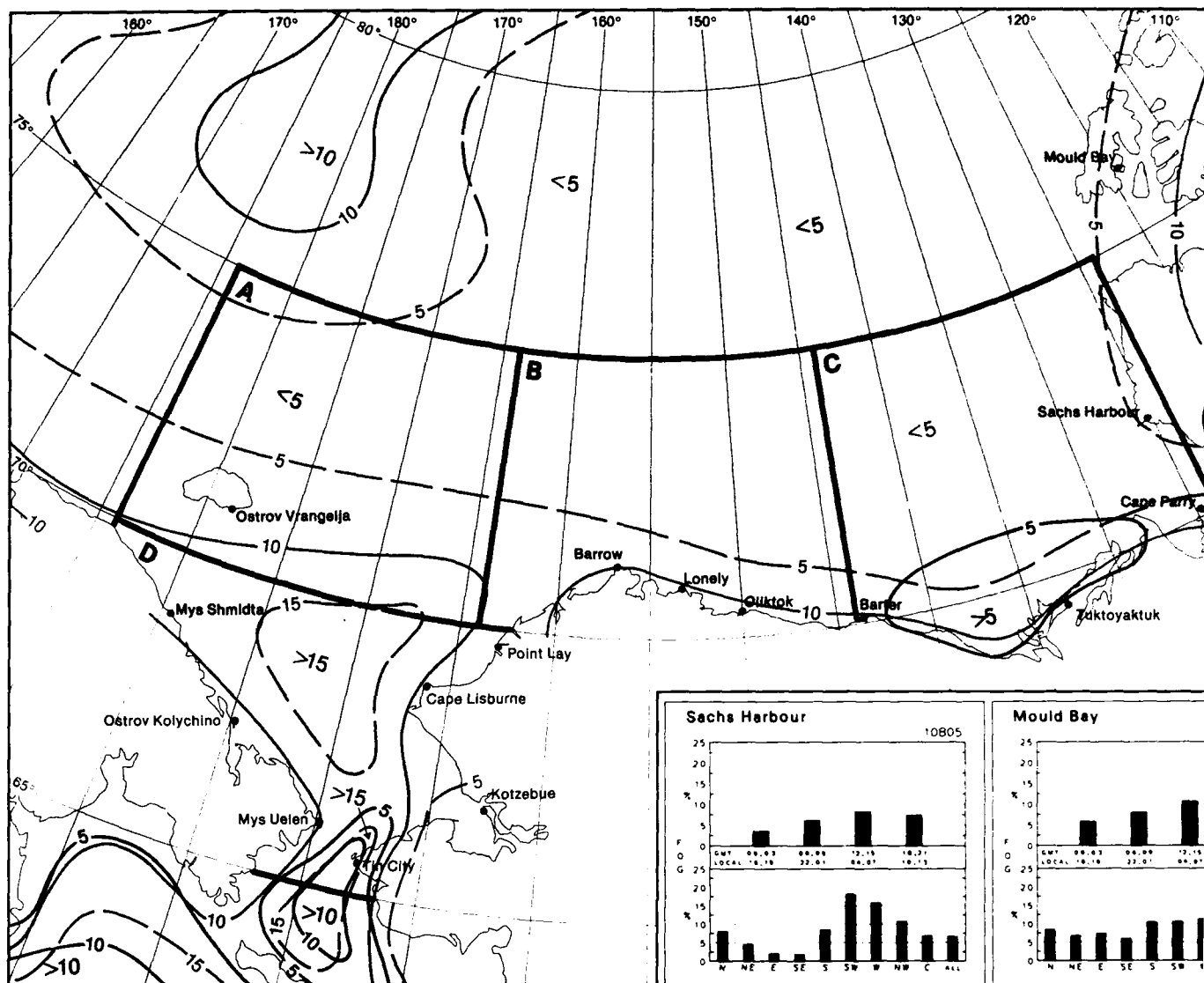
15 Fog and Poor Visibility

d Direction

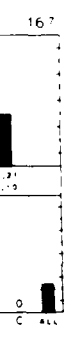
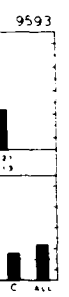


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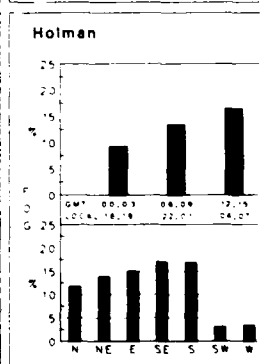
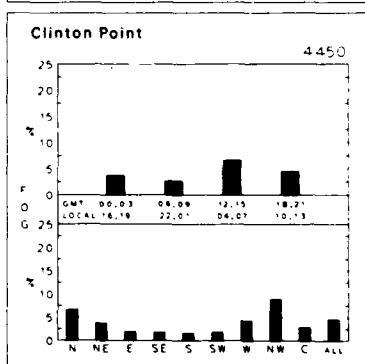
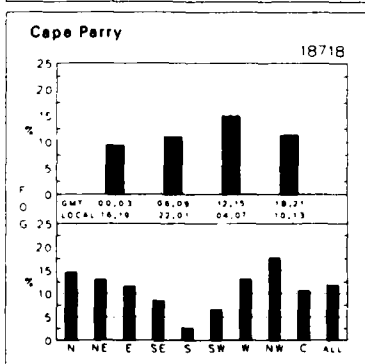
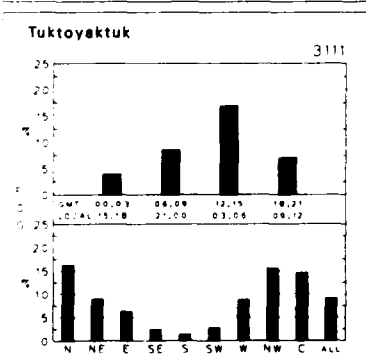
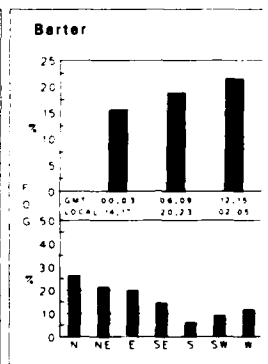
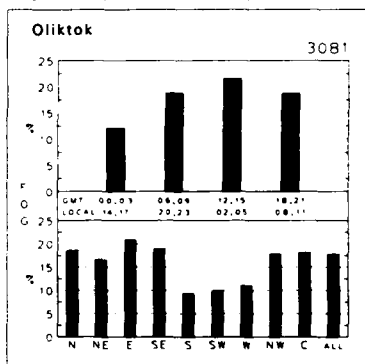
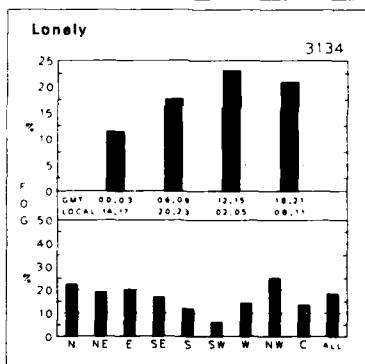
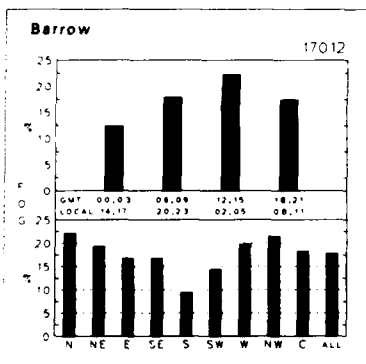
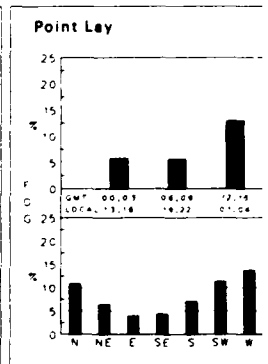
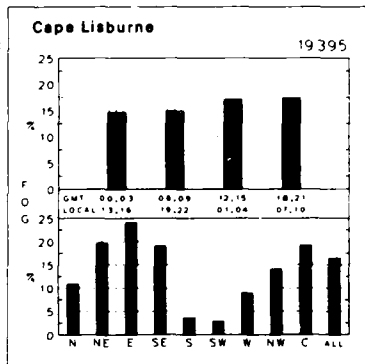
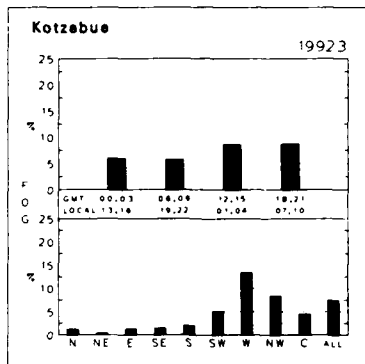
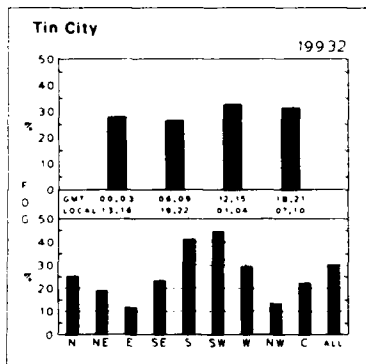
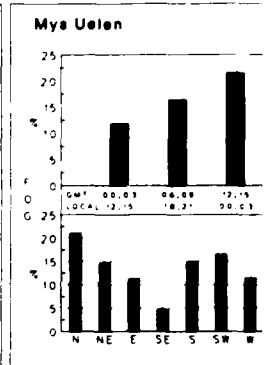
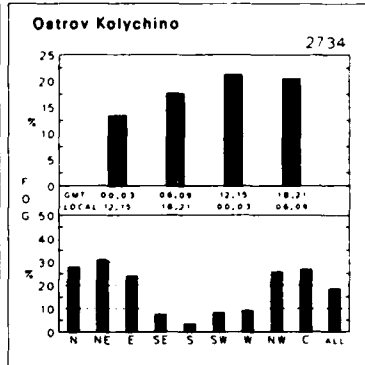
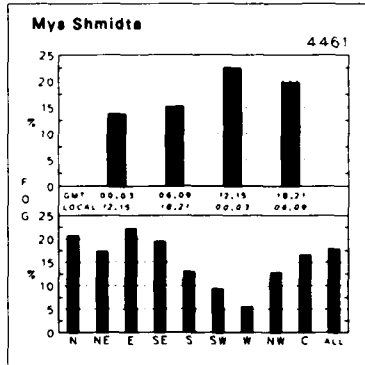
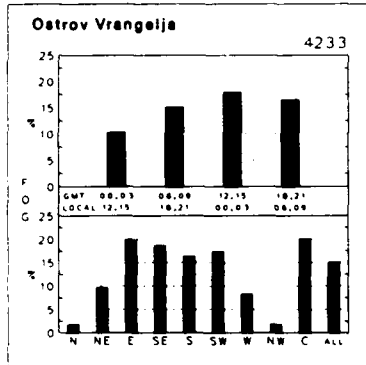
15 Fog-Time and Fog-Wind



15 Fog and Poor Visibility

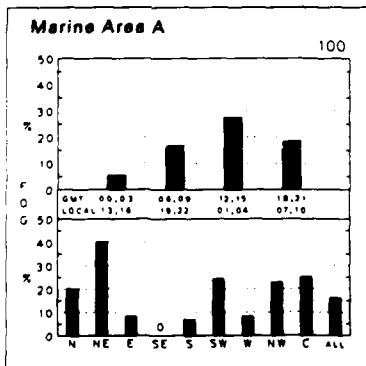
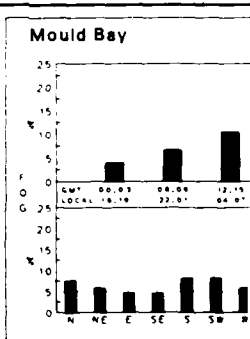
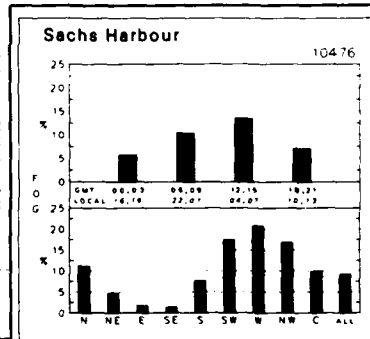
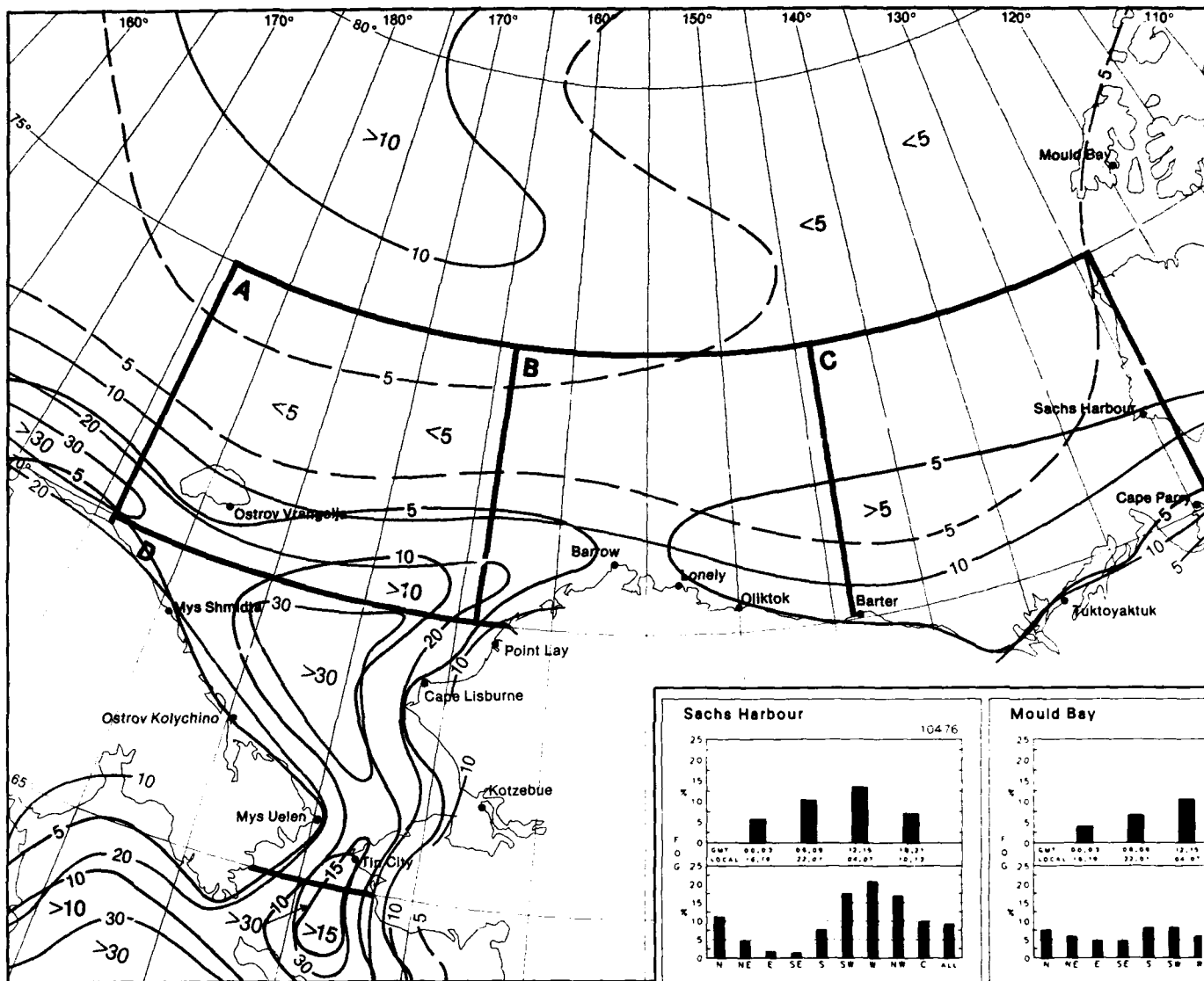


May



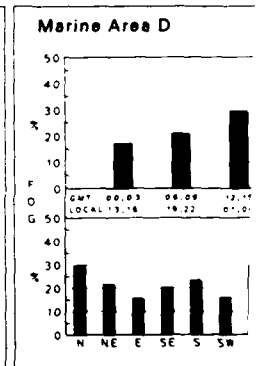
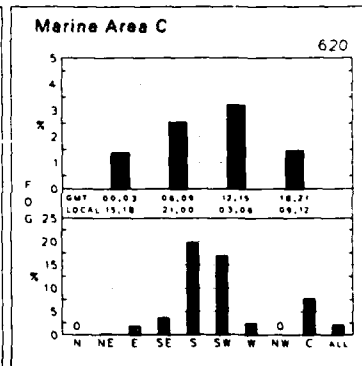
June

15 Fog-Time and Fog-Wind I

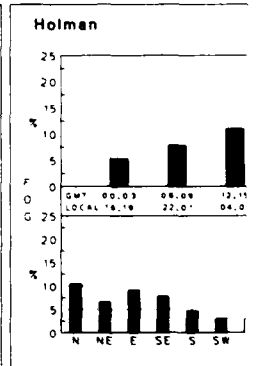
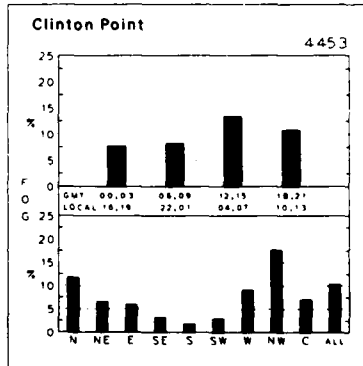
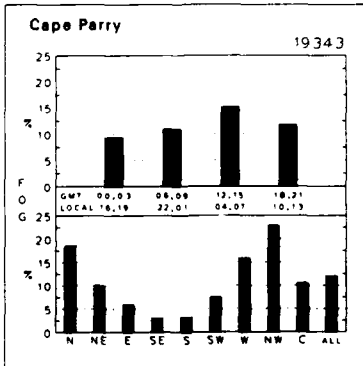
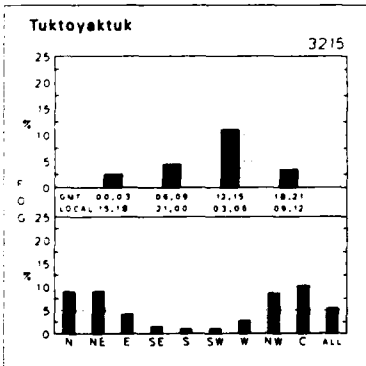
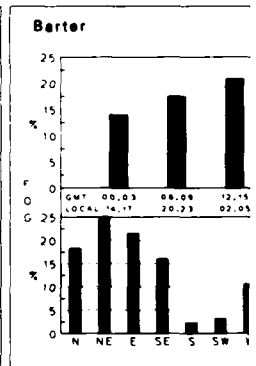
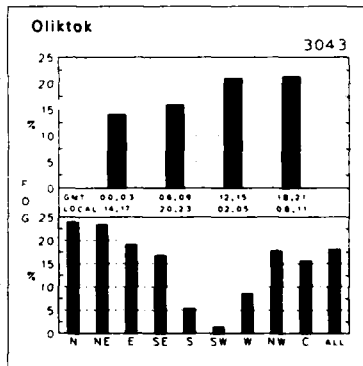
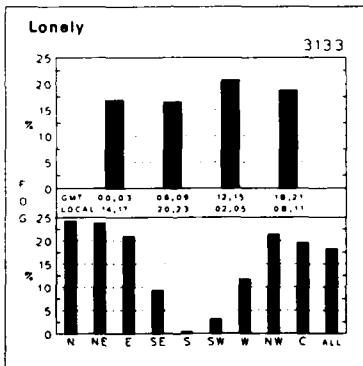
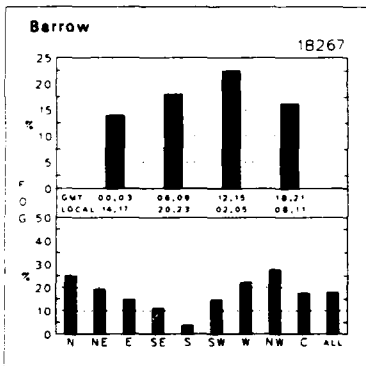
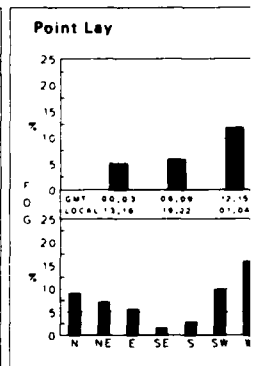
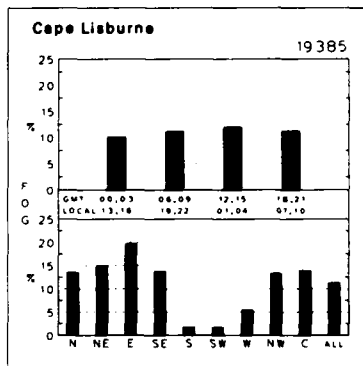
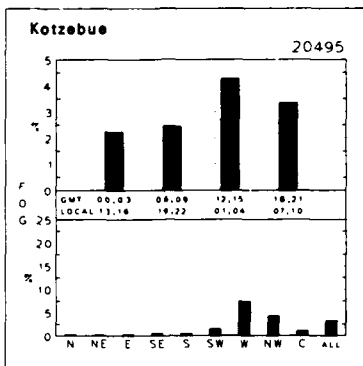
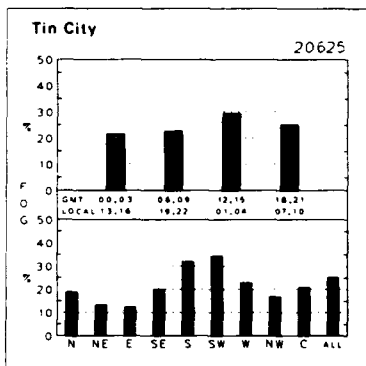
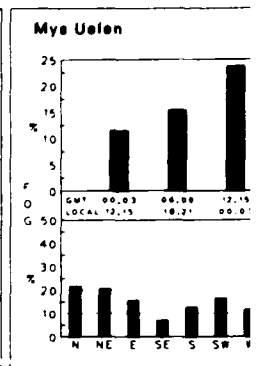
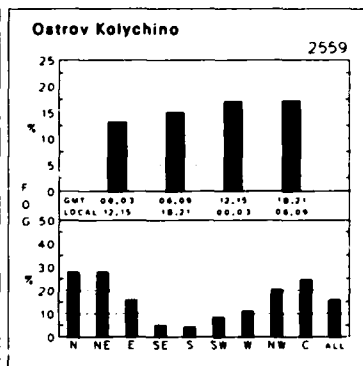
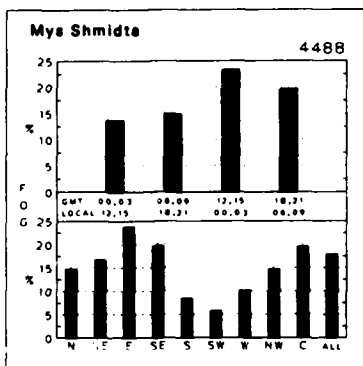
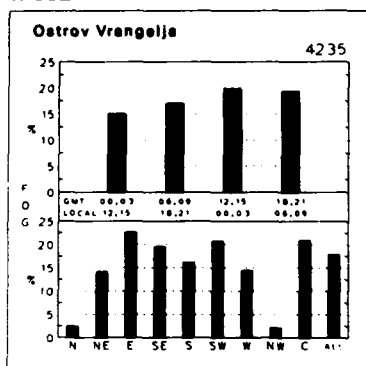


Marine Area B

No Data Available



15 Fog and Poor Visibility

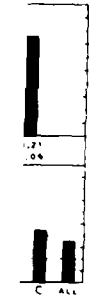


June

July

15 Fog-Time and Fog-Wind

4480



3013



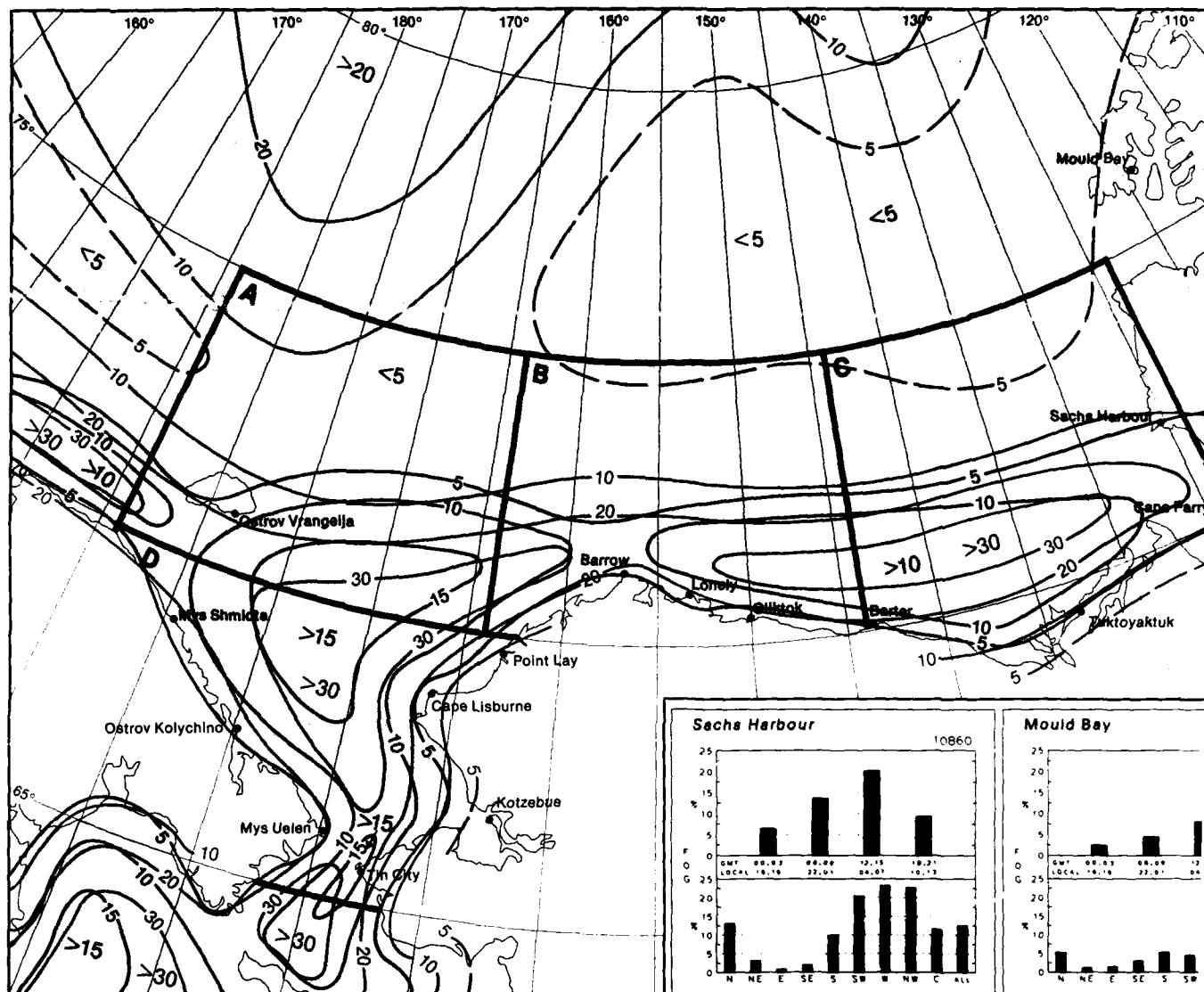
17813



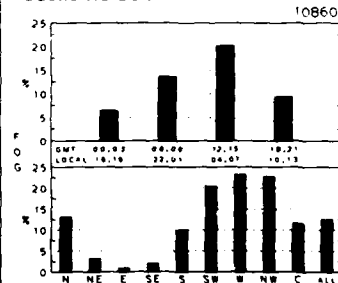
3213



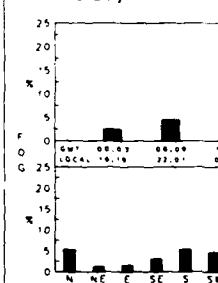
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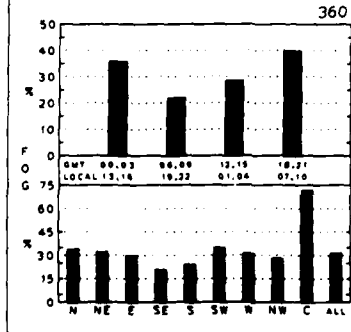
Sachs Harbour



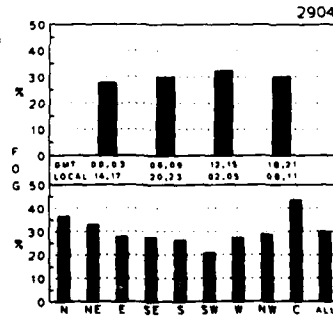
Mould Bay



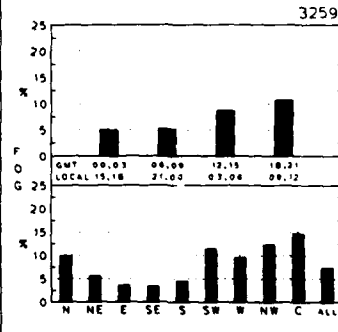
Marine Area A



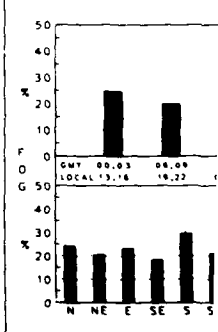
Marine Area B



Marine Area C



Marine Area D

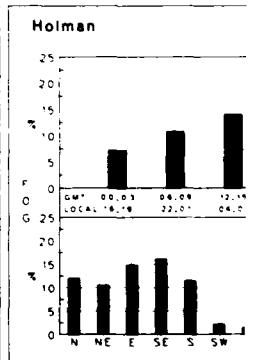
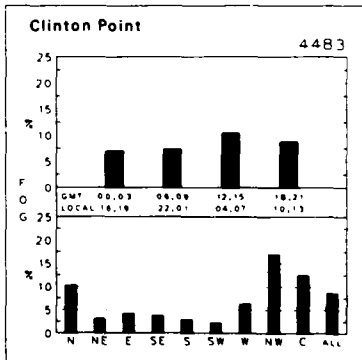
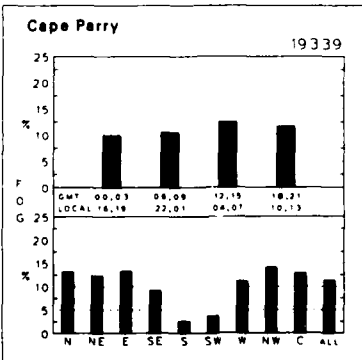
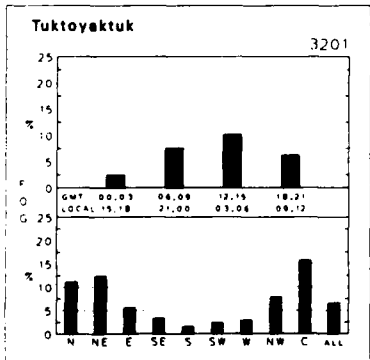
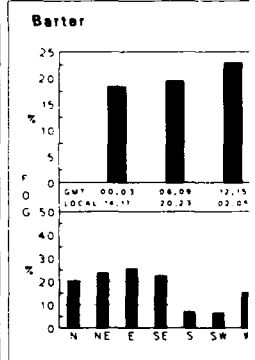
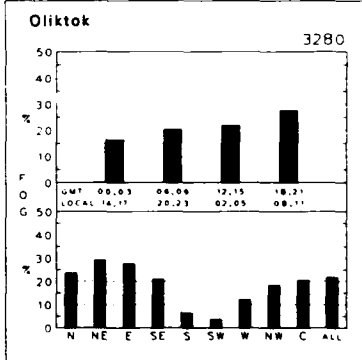
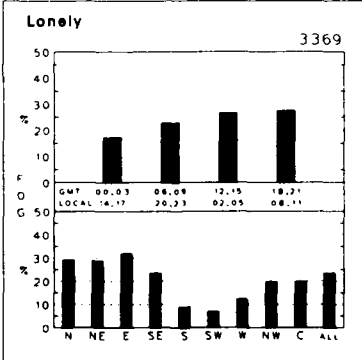
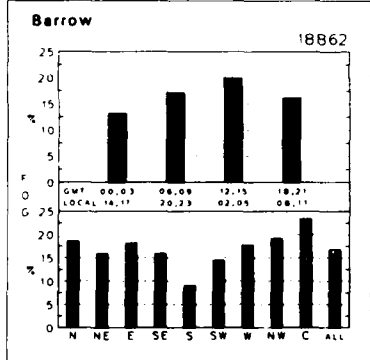
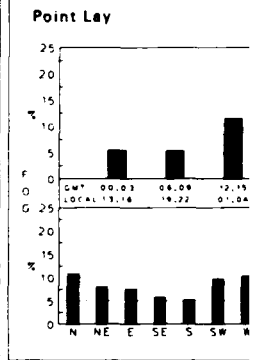
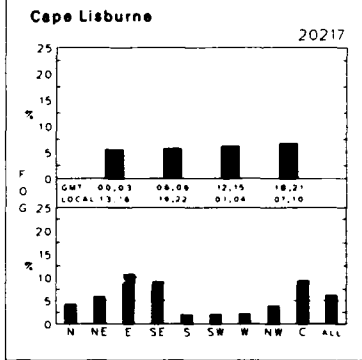
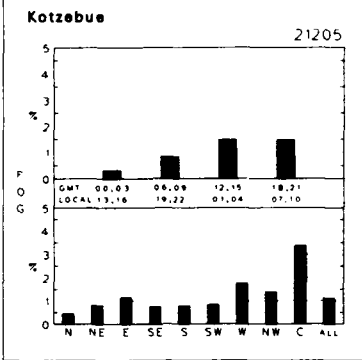
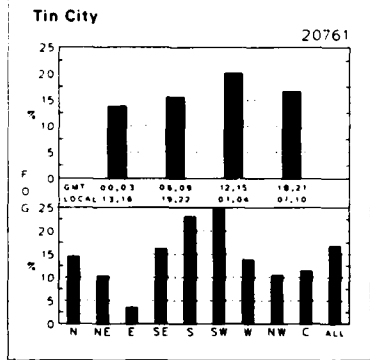
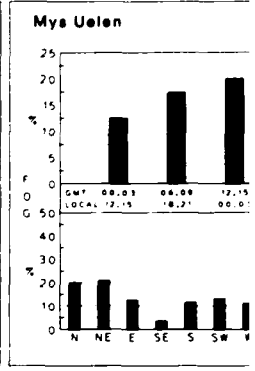
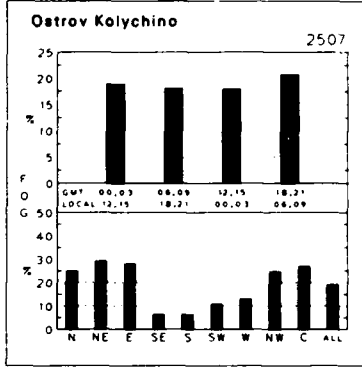
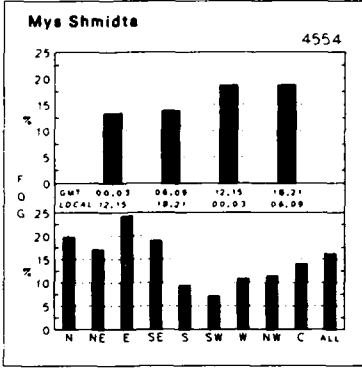
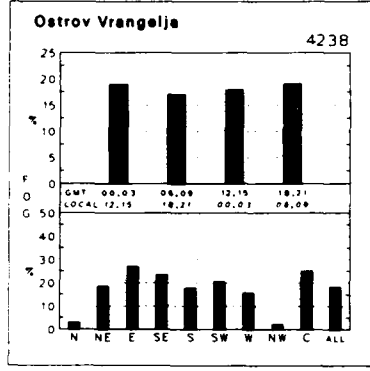


15 Fog and Poor Visibility



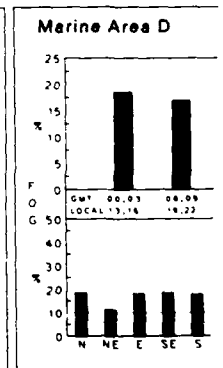
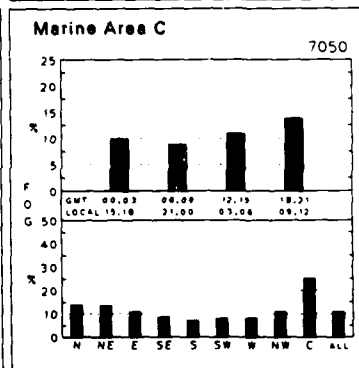
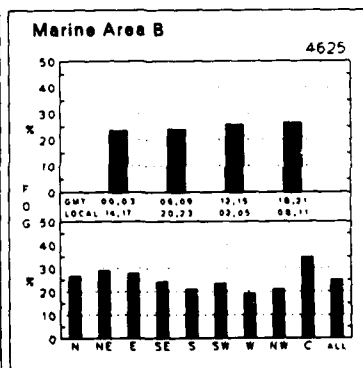
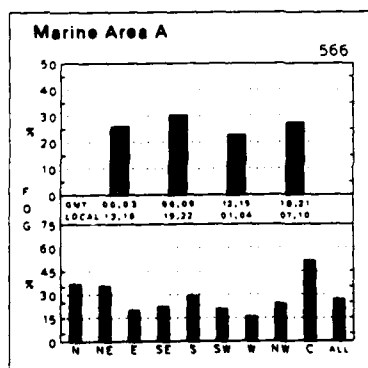
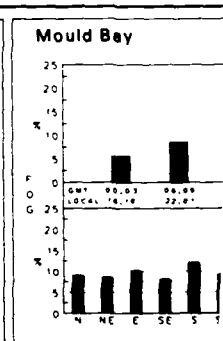
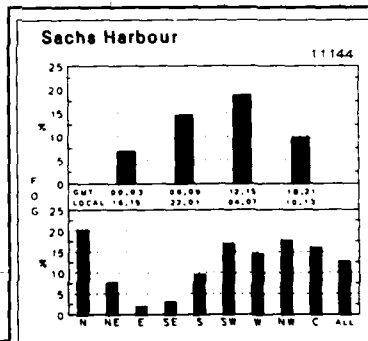
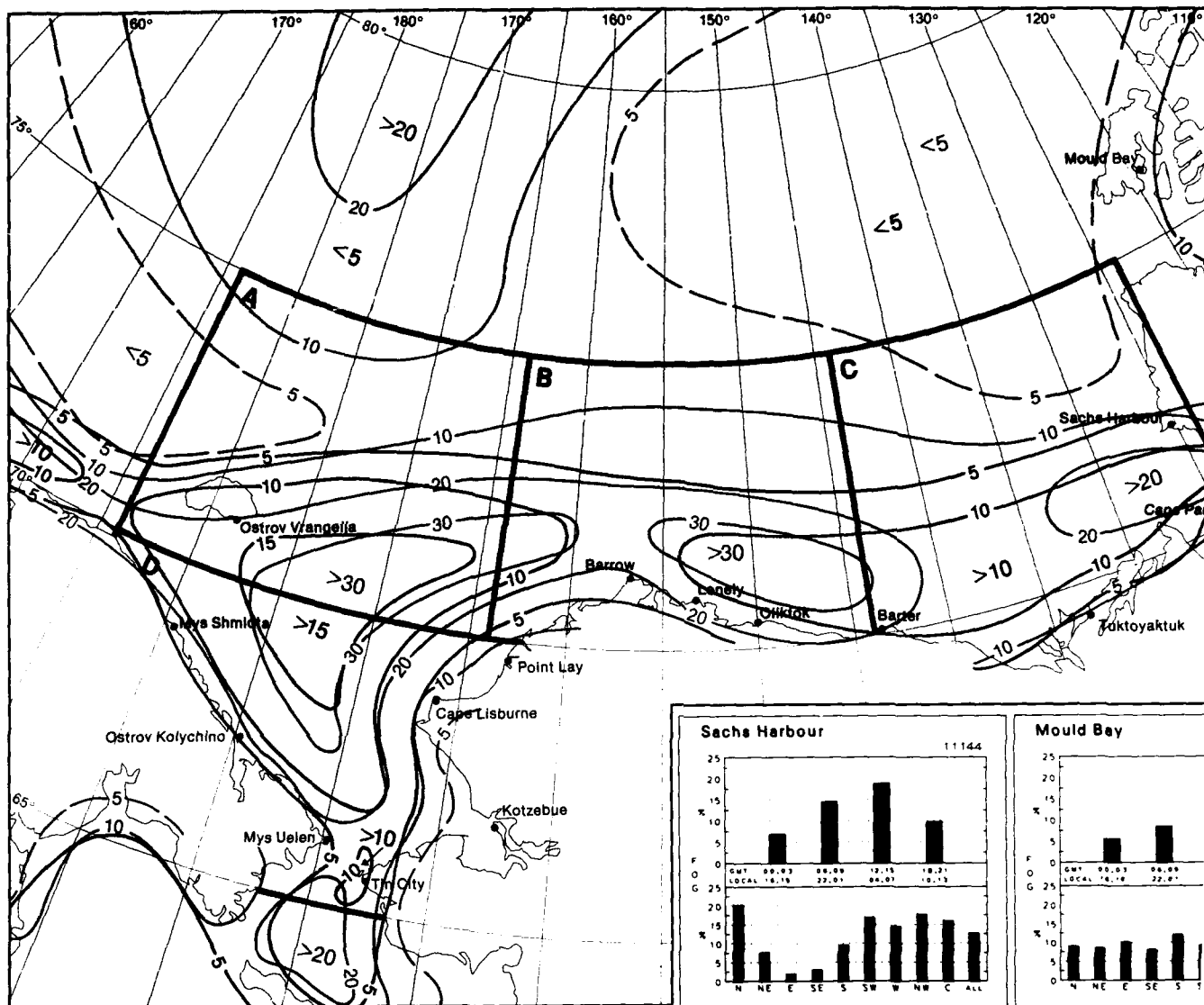
July

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August

15 Fog-Time and Fog-Wind

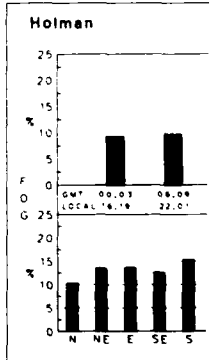
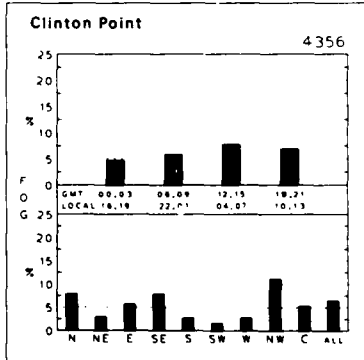
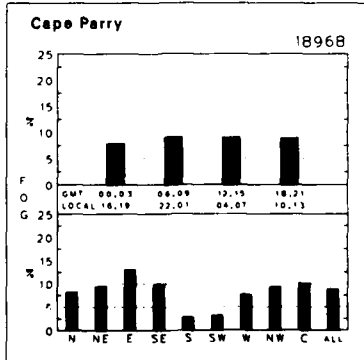
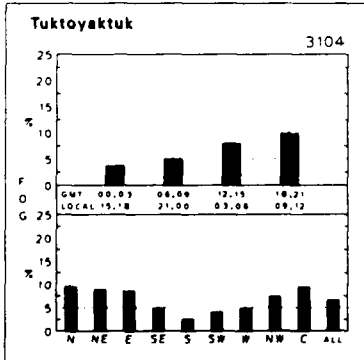
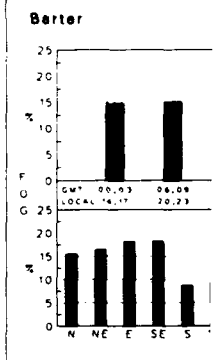
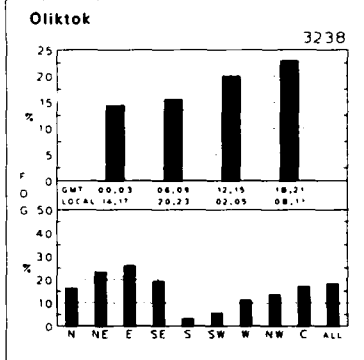
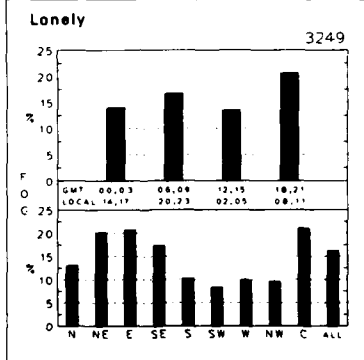
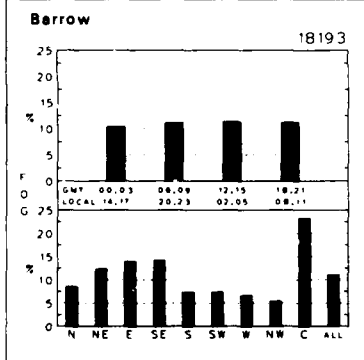
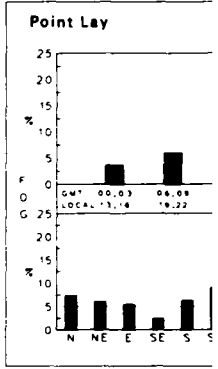
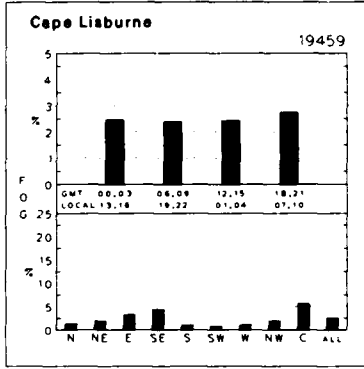
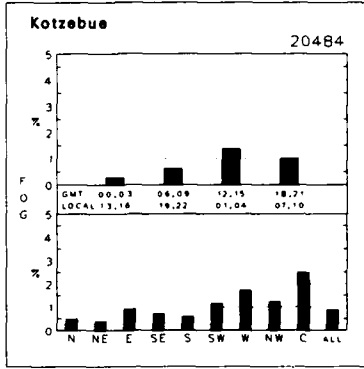
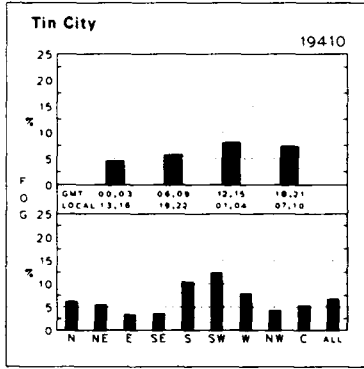
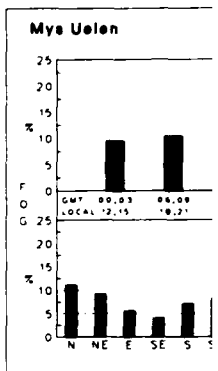
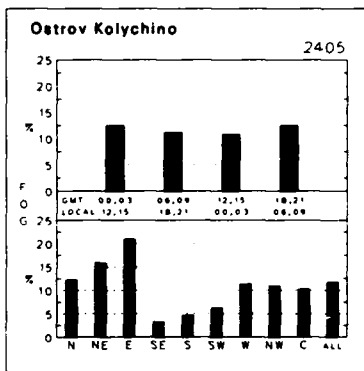
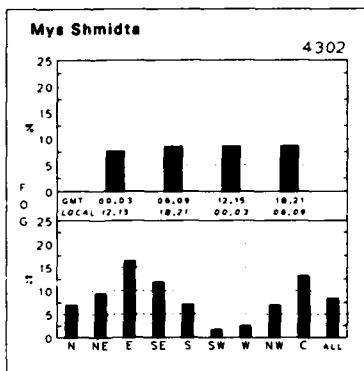
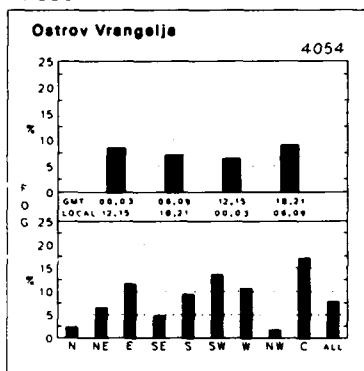


15 Fog and Poor Visibility



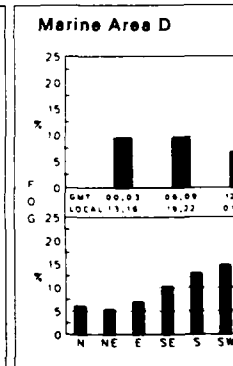
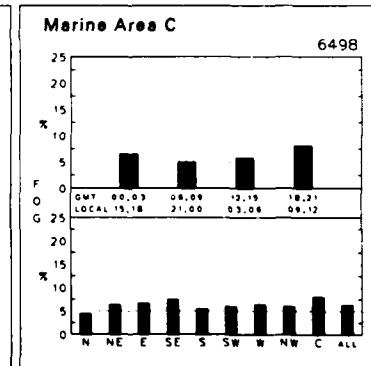
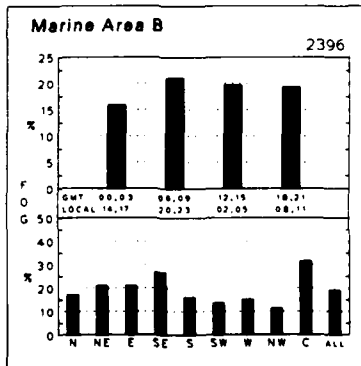
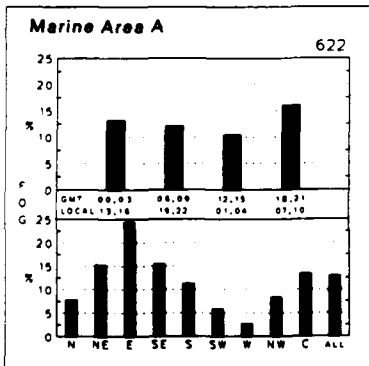
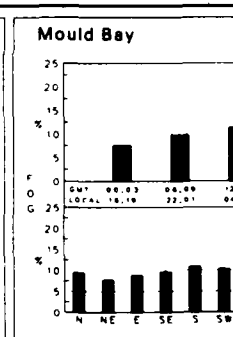
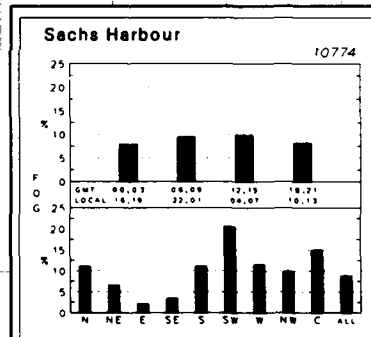
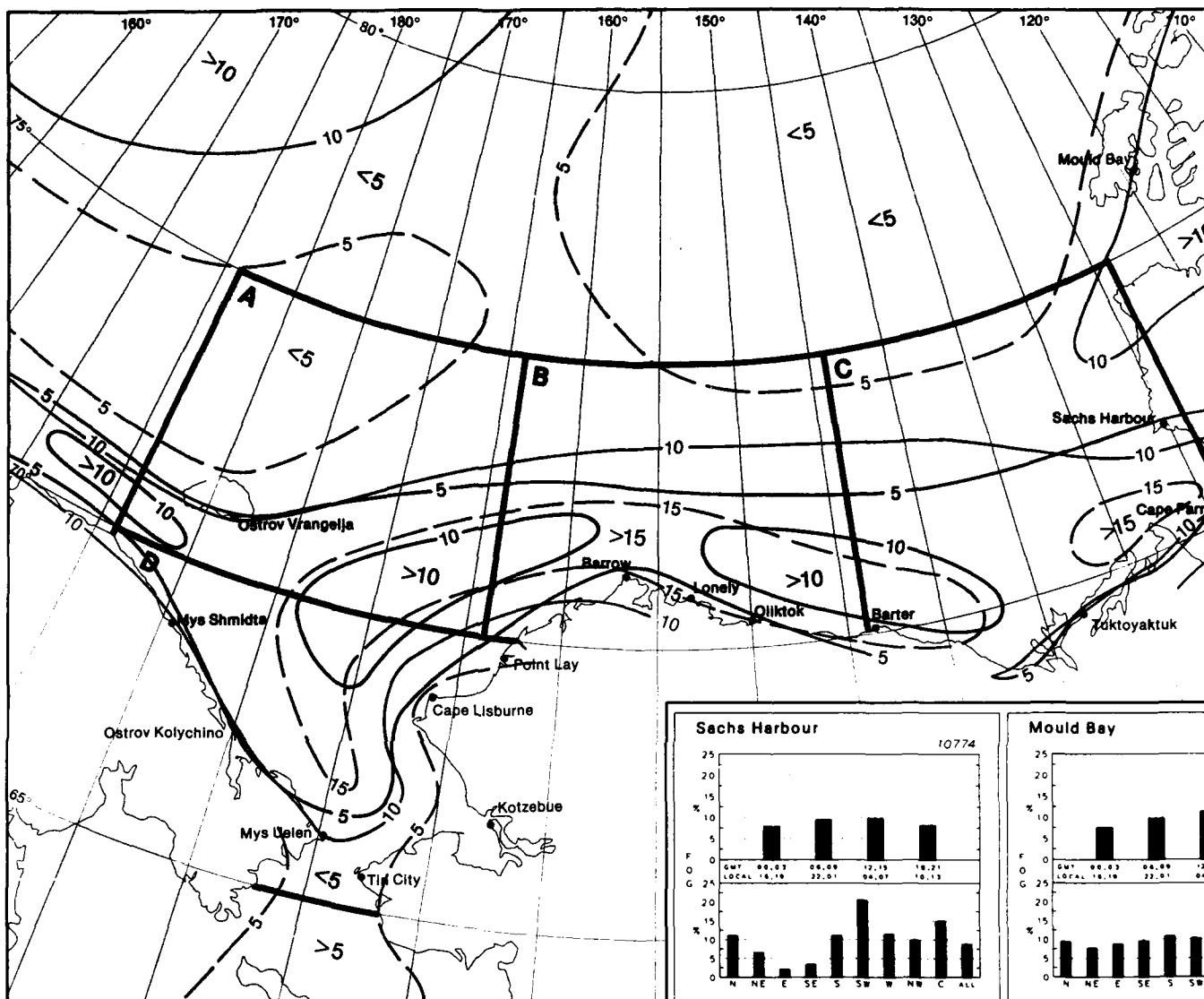
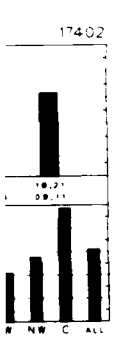
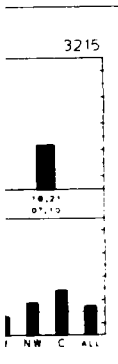
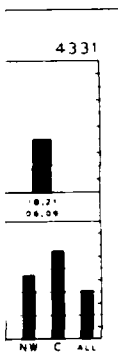
August

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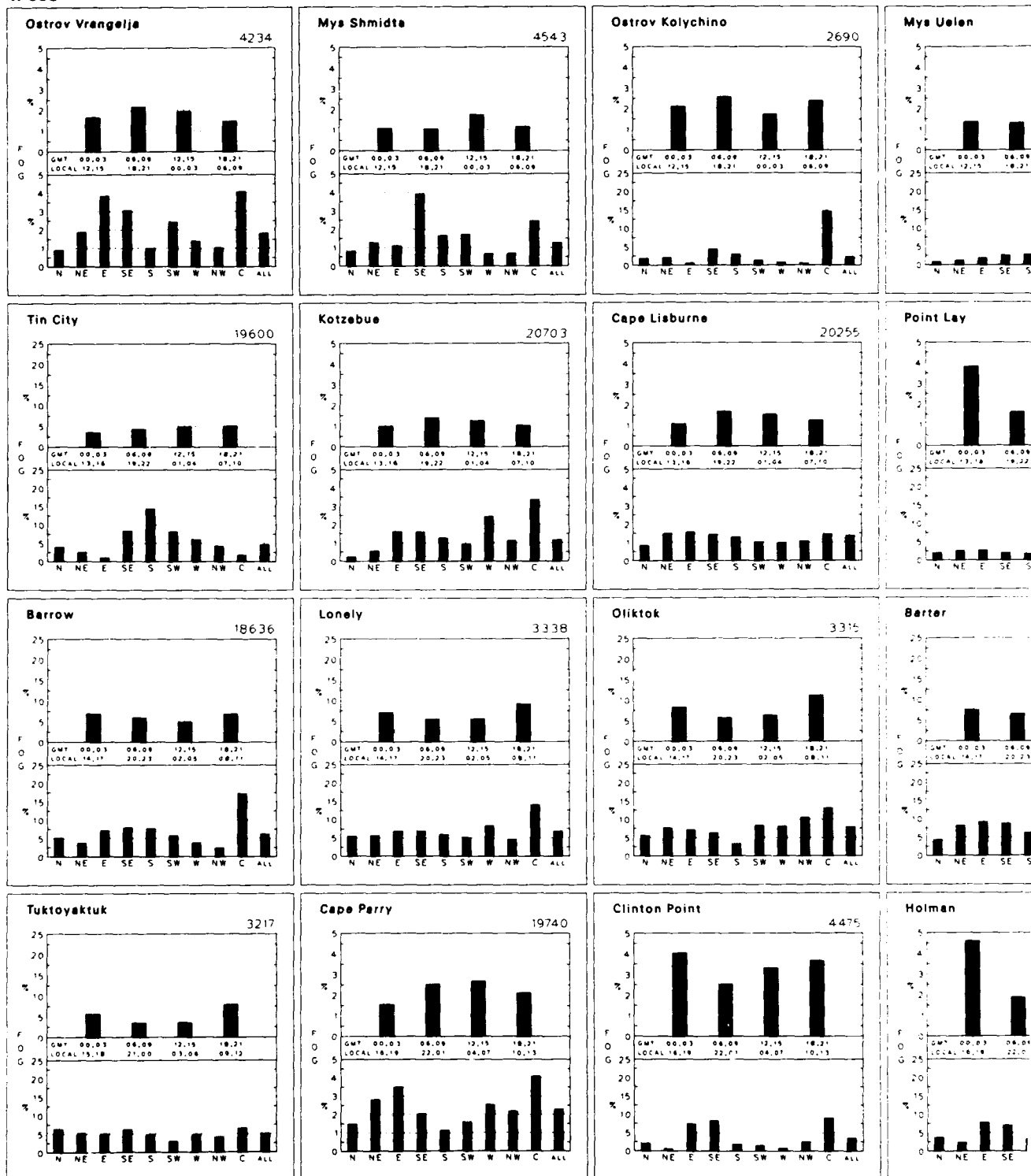
September

15 Fog-Time and Fog-Wi



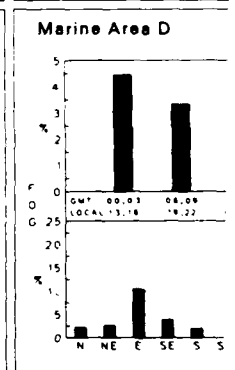
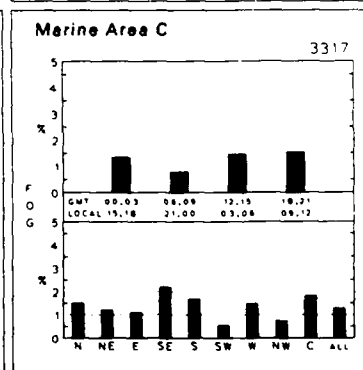
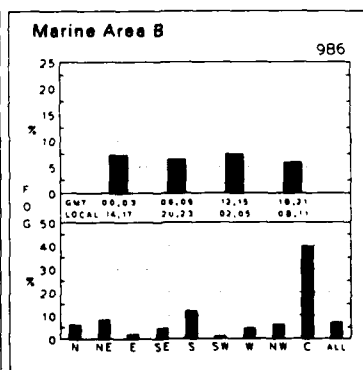
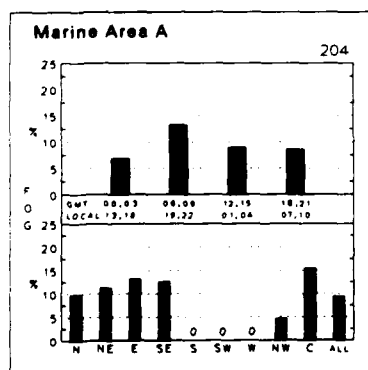
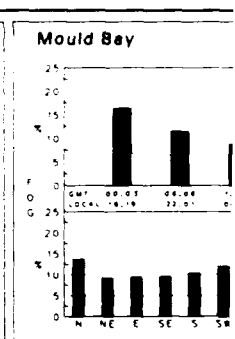
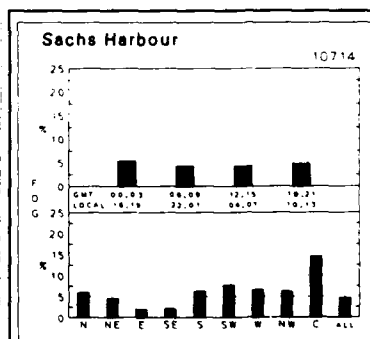
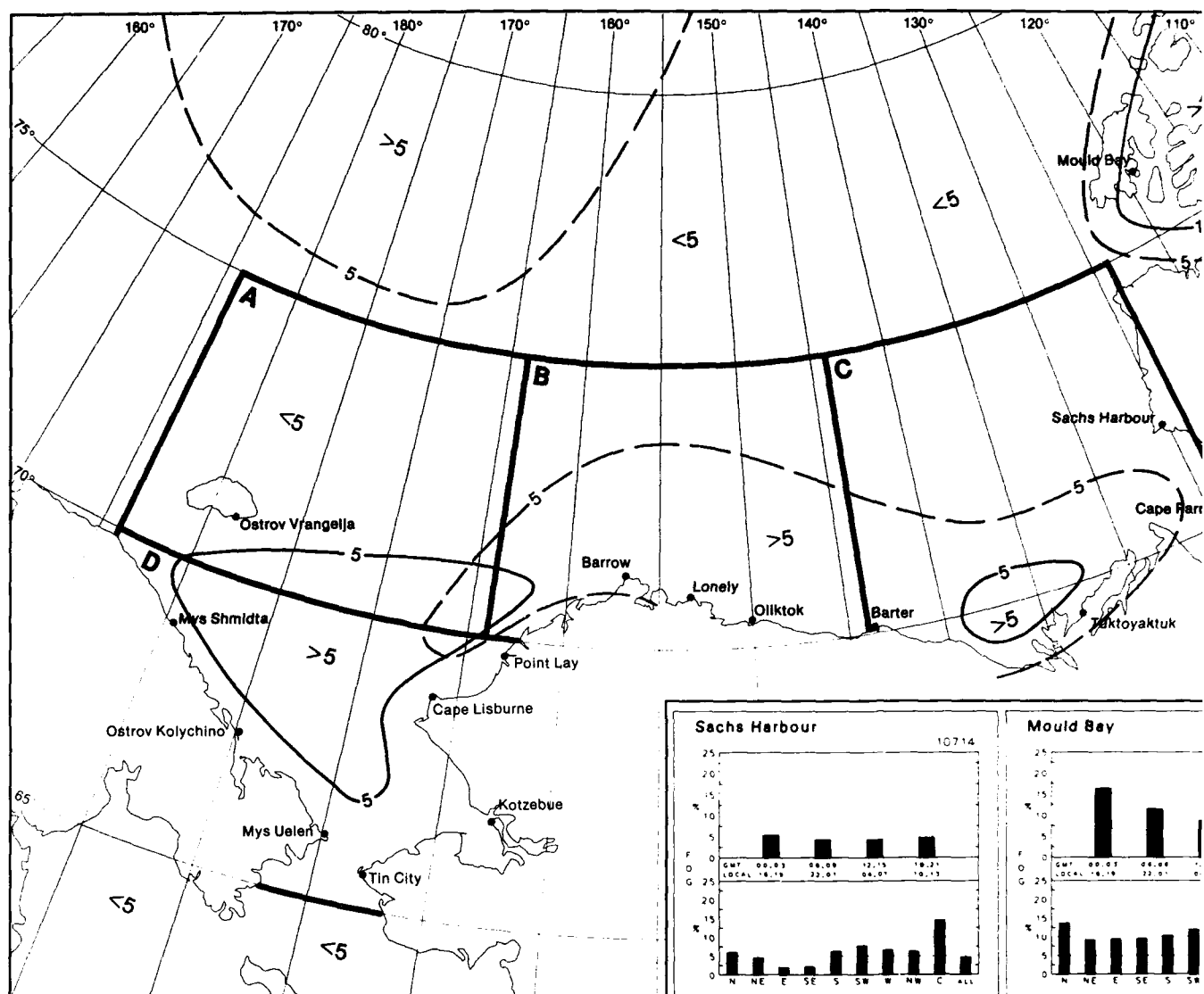
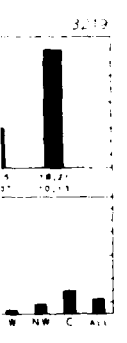
15 Fog and Poor Visibility

Direction



October

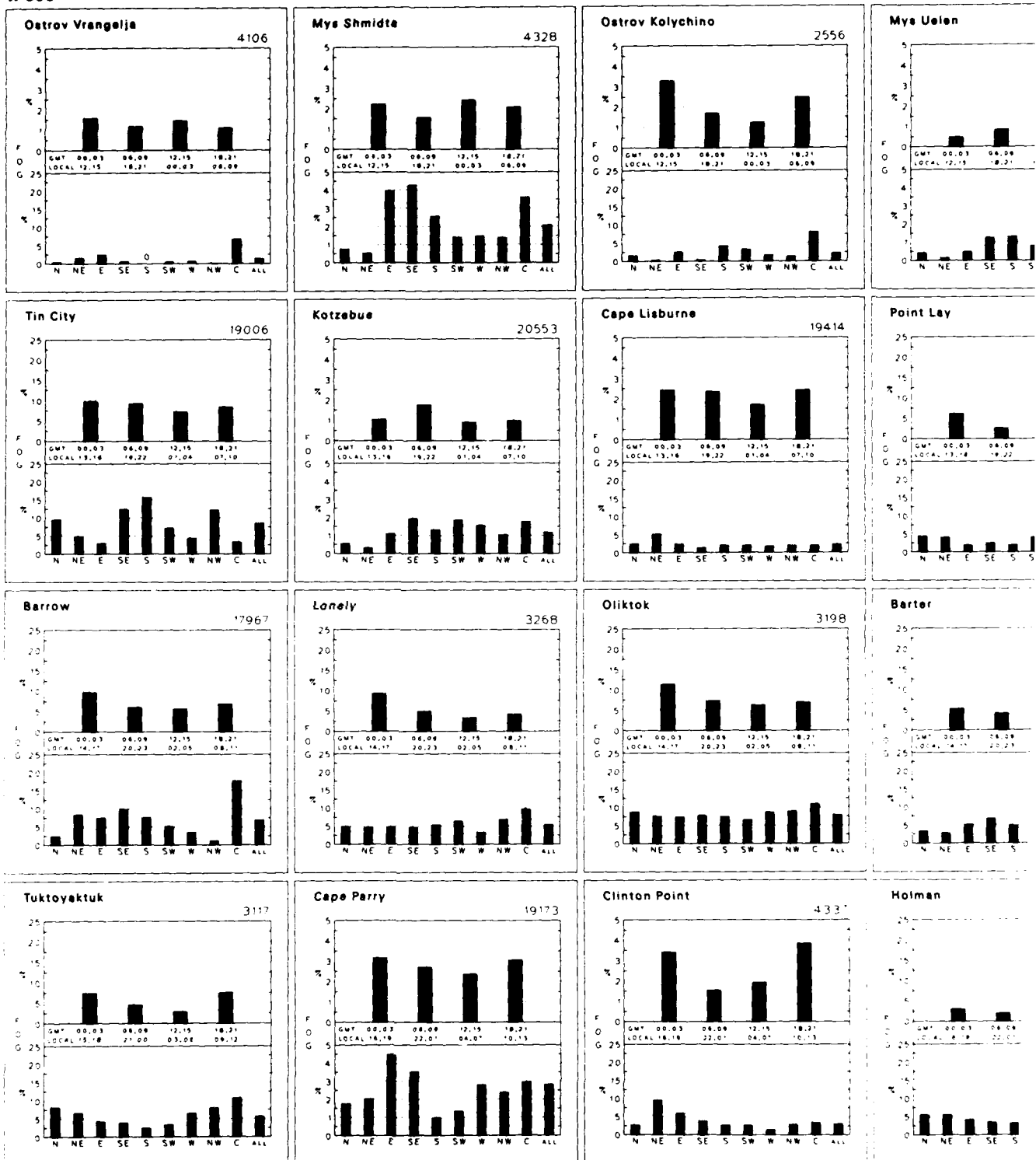
15 Fog-Time and Fog-V



Direction

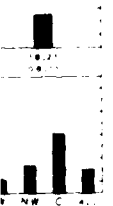
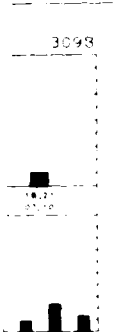
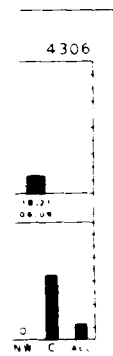
15 Fog and Poor Visibility

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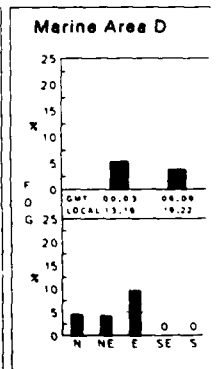
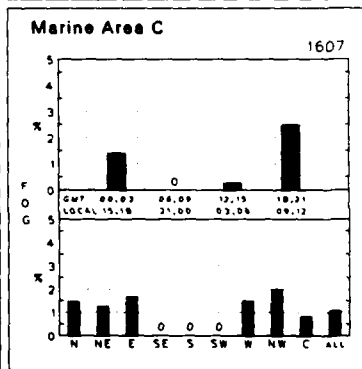
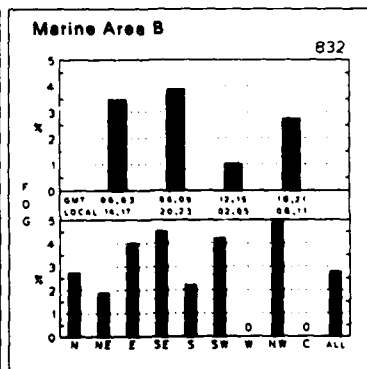
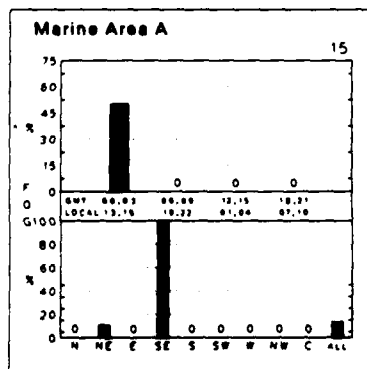
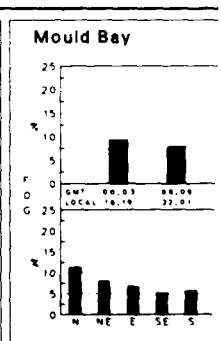
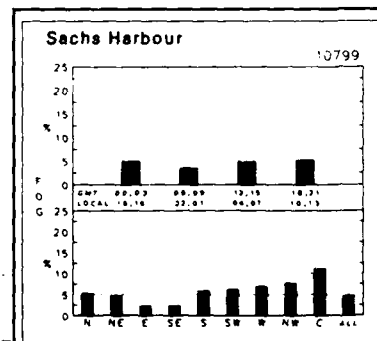
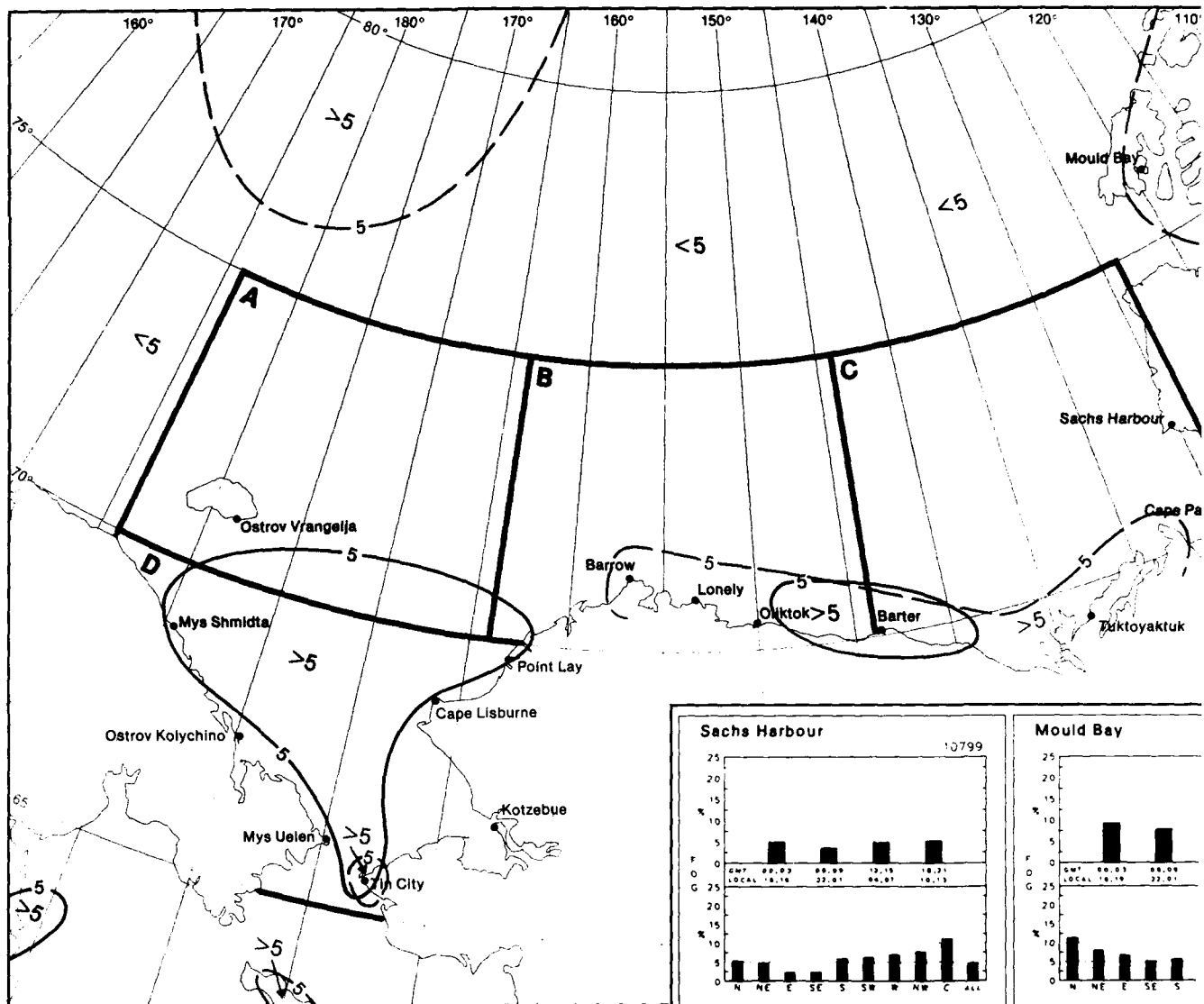


November

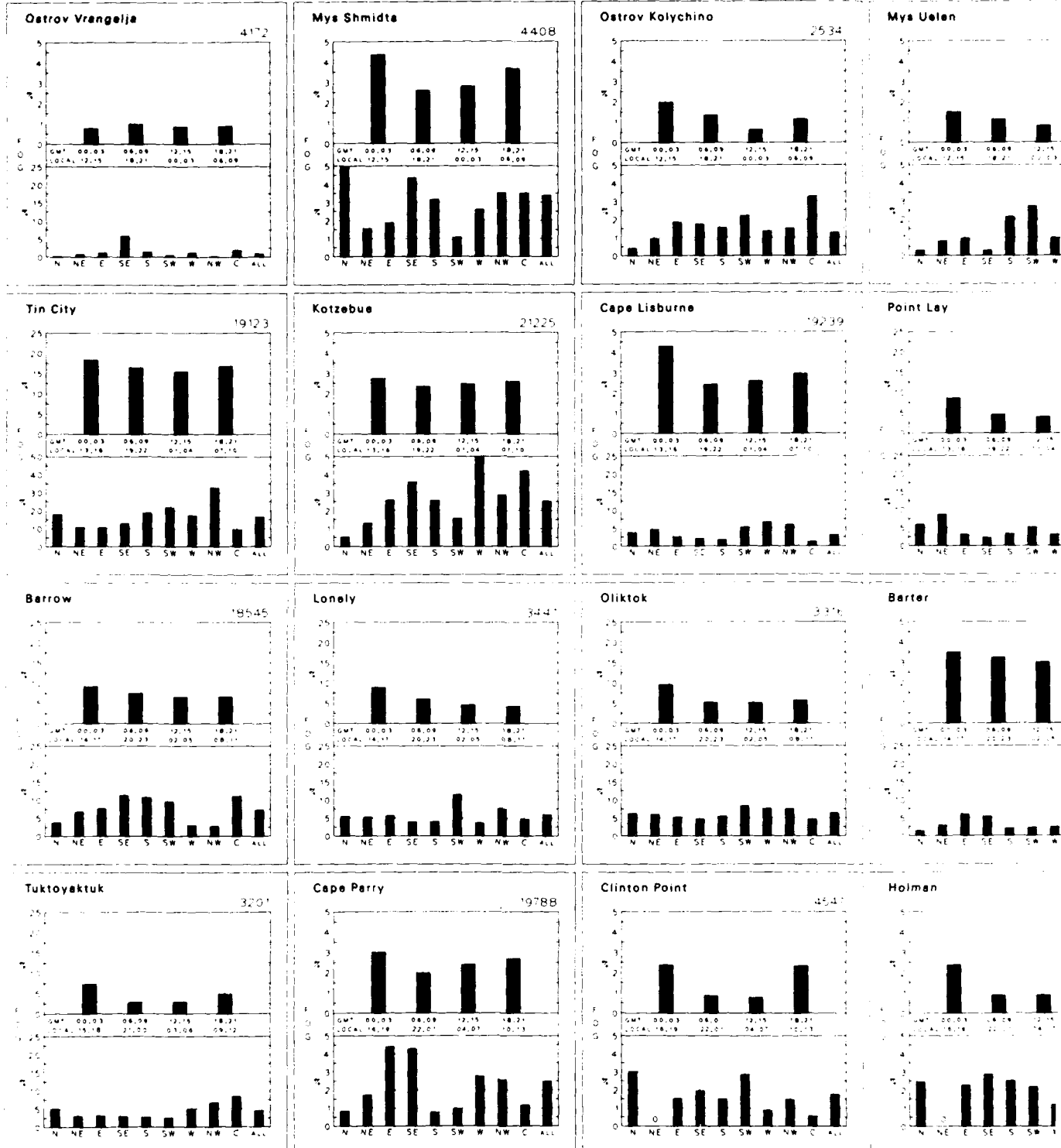
15 Fog-Time and Fog-W



Direction

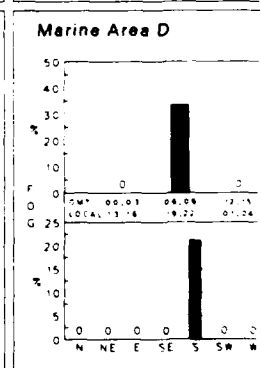
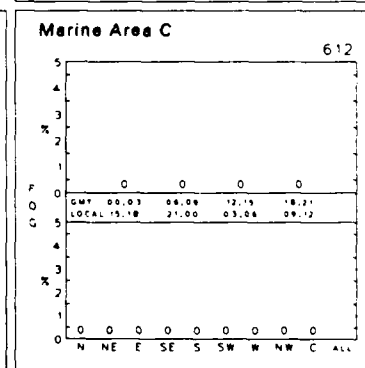
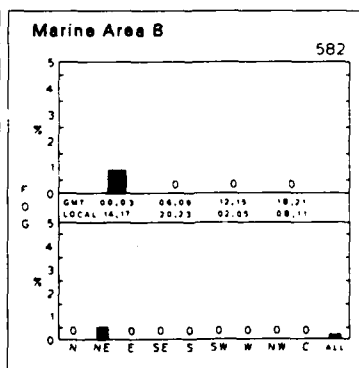
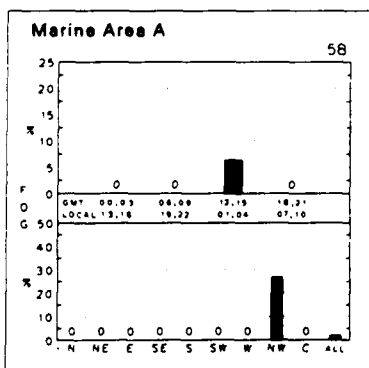
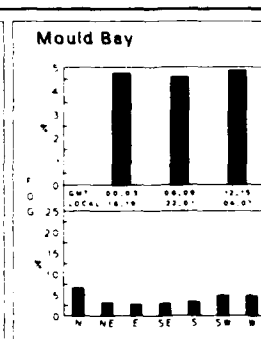
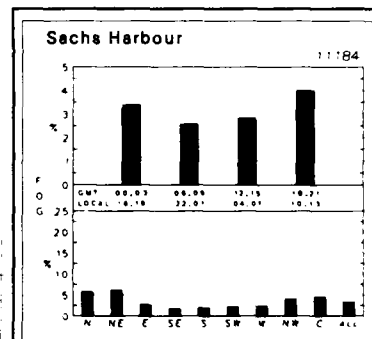
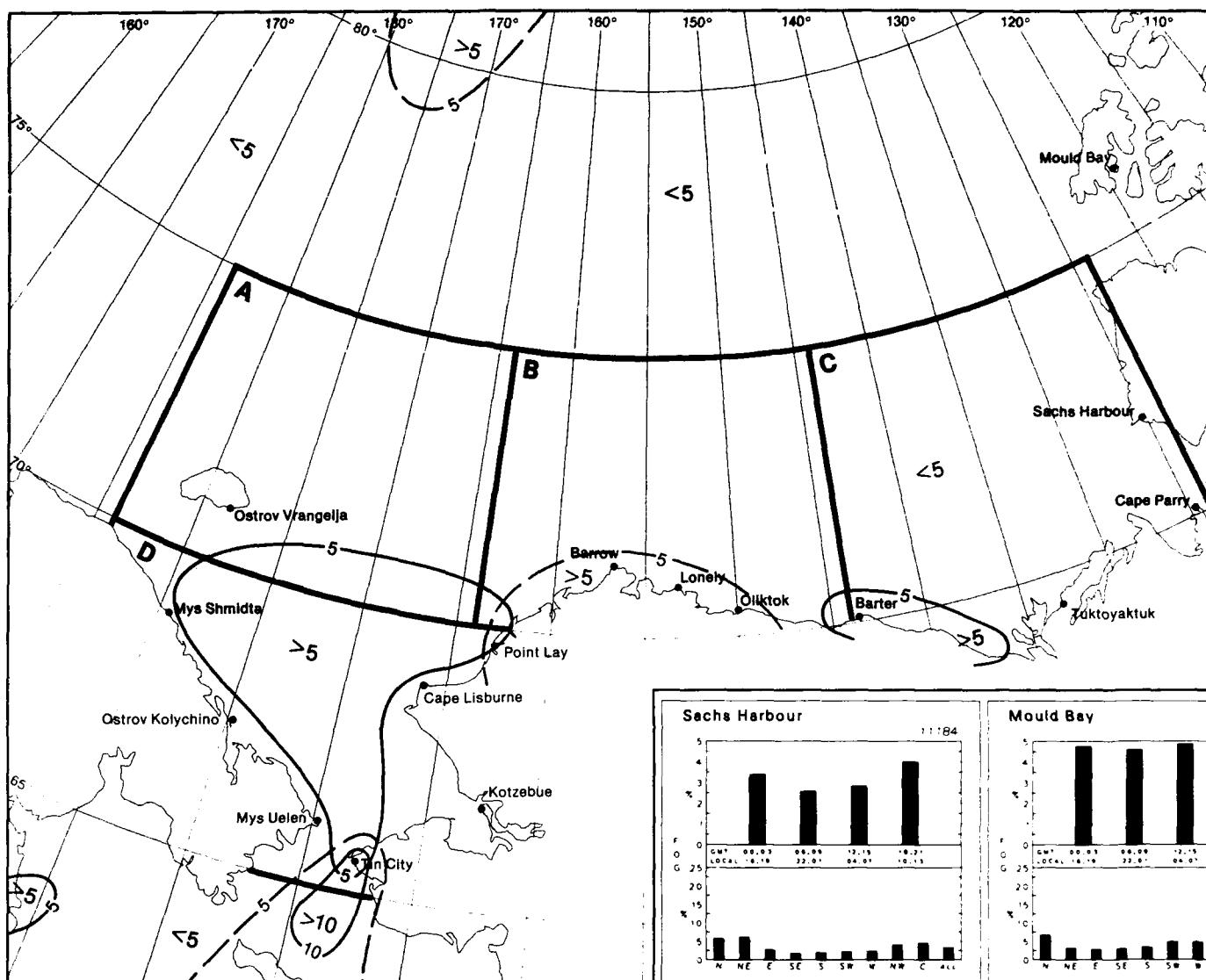


15 Fog and Poor Visibility



December

15 Fog-Time and Fog-Wind



15 Fog and Poor Visibility

D

II-393



II-394

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76

ALL

mber

Map 16. Sea surface temperature extremes (°C)

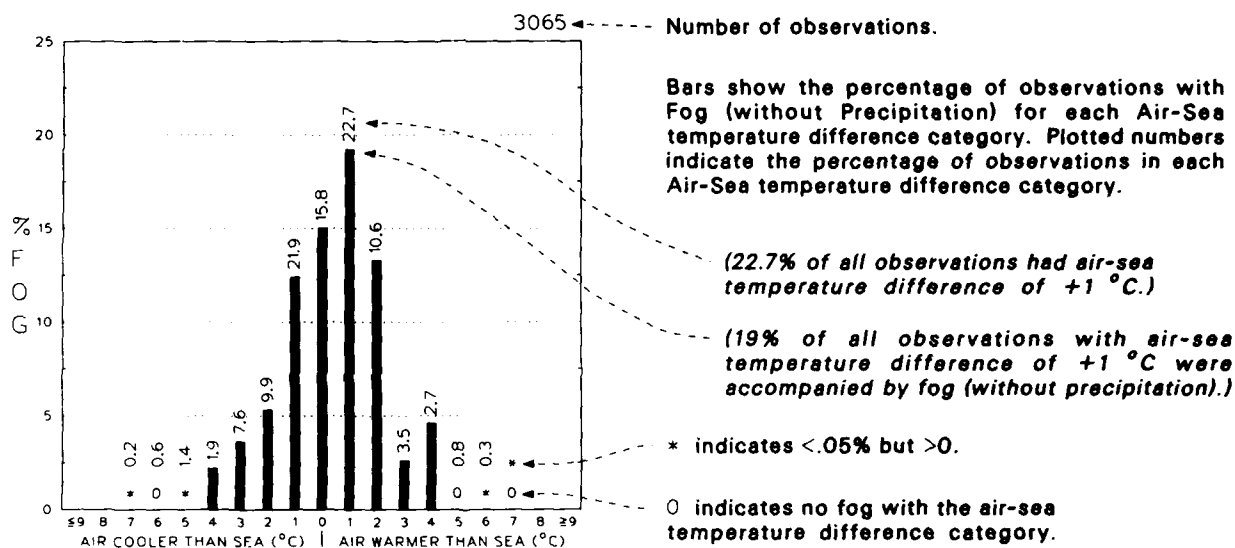
BLACK LINE – Maximum (99%) sea surface temperature (1% of the temperatures were greater than the given value).

BLUE LINE – Minimum (1%) sea surface temperature (1% of the temperatures were equal to less than the given value).

Albers Equal-Area Conic Projection

Graphs: Fog/air-sea temperature difference

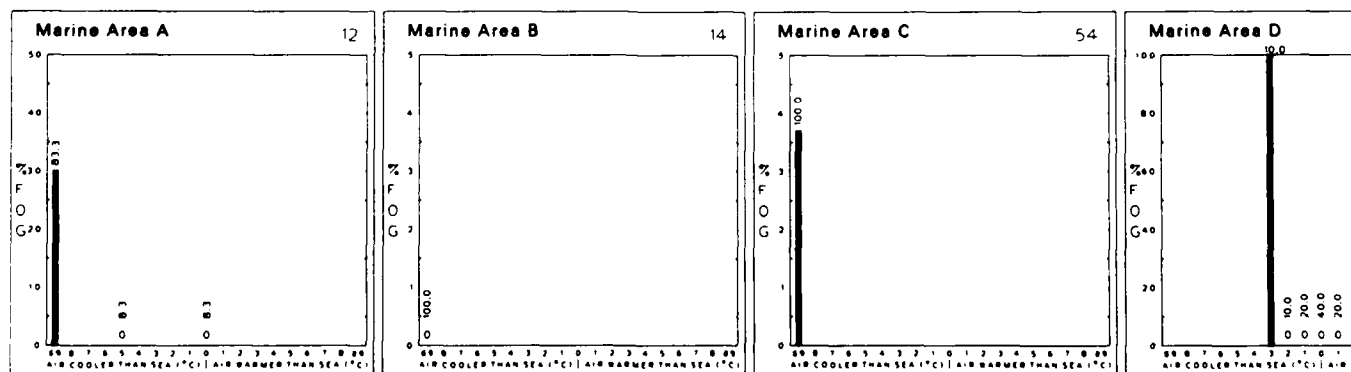
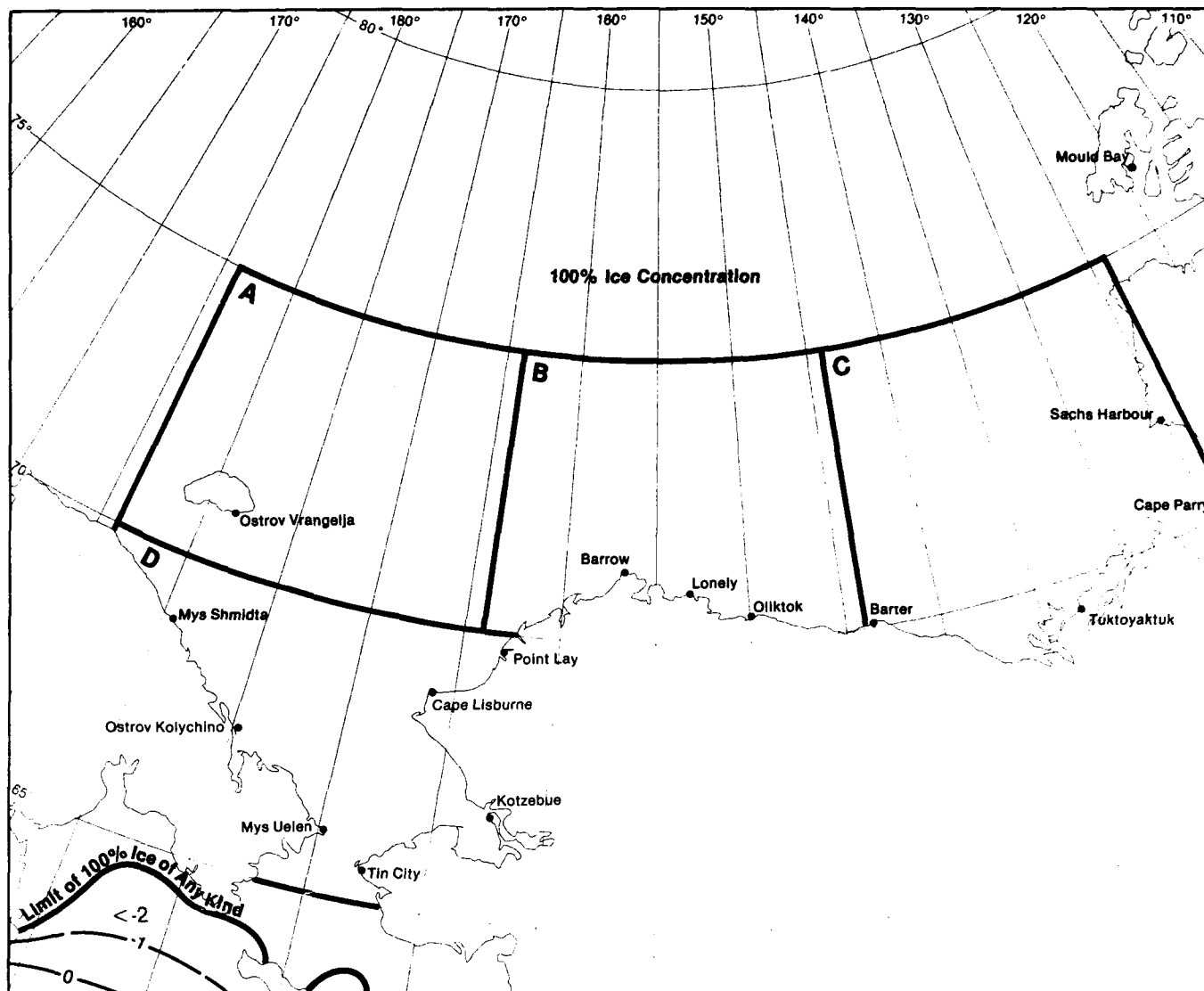
PERCENT FREQUENCY OF THE OCCURRENCE OF FOG (Without Precipitation) VERSUS AIR-SEA TEMPERATURE DIFFERENCE (°C)



Sea surface temperatures are recorded with a fairly high frequency in marine observations. The principal method of recording the temperature of the water surface on merchant ships are by either a fluid thermometer located in the condenser of the ship or a thermometer immersed in a freshly-drawn bucket of surface water. While the intake method is common on most merchant ships today, the bucket method was the most common a half century ago. Injection temperatures are considered as representative of the surface temperature as bucket readings because the injectors are commonly located at the water surface at depths of 5 to 20 meters depending on the size of the ship. Injection temperatures are also subject to errors due to heating caused by the ship. Bucket temperatures can also be biased by the air temperature or the bucket temperature.

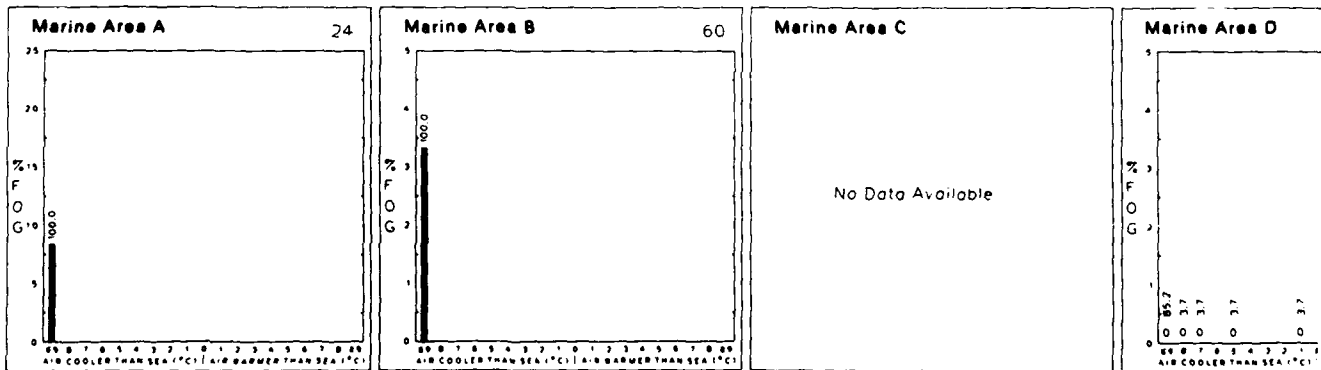
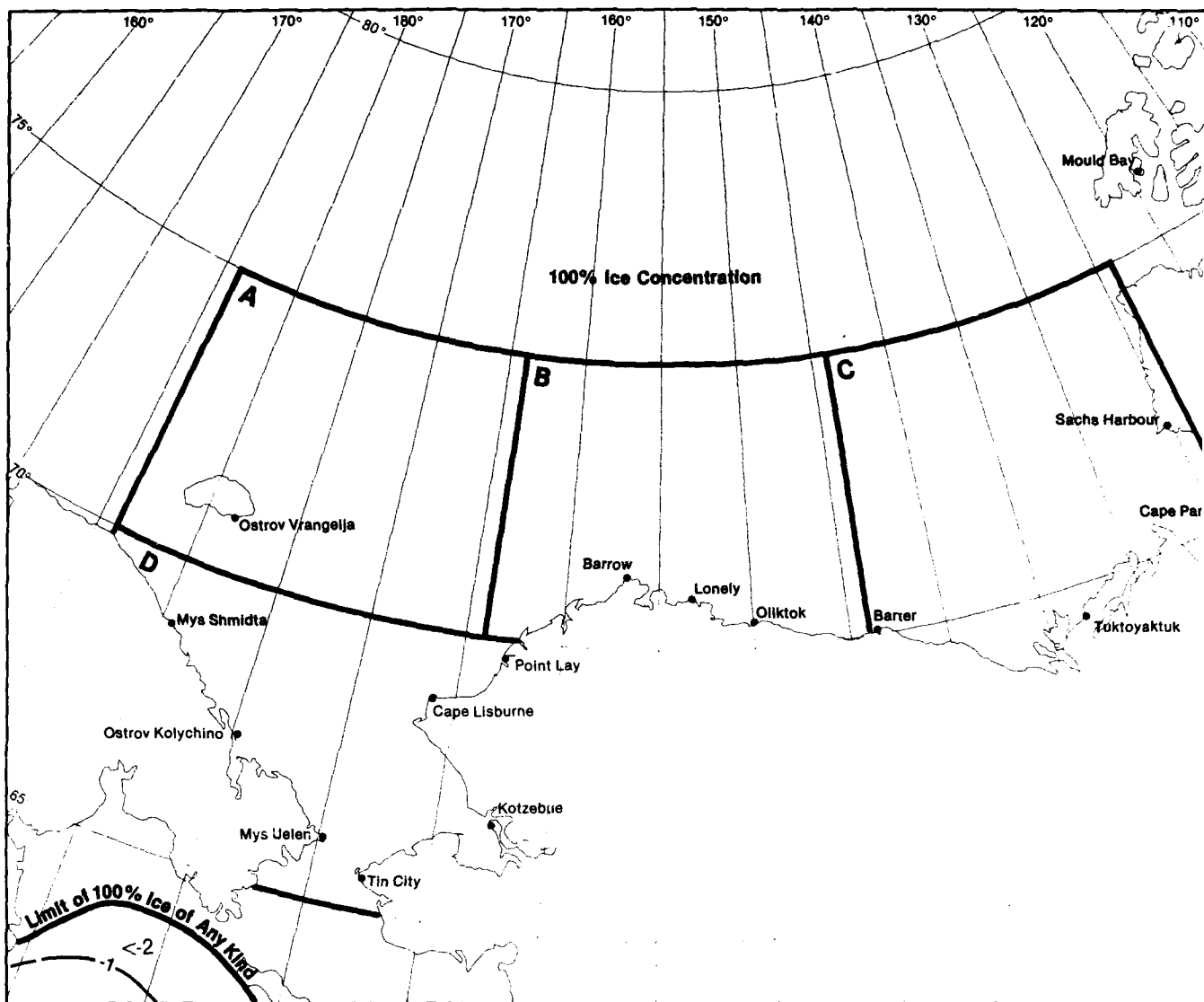
Even though the two methods produce slightly different results, the data can be used with considerable confidence. Isotherms representing extreme conditions show the maximum (99%) and the minimum (1%) levels of sea surface temperature. Gradients and relative values of the isotherms are considered reliable.

16 Legend

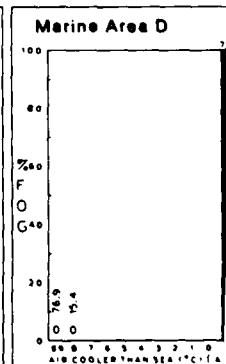
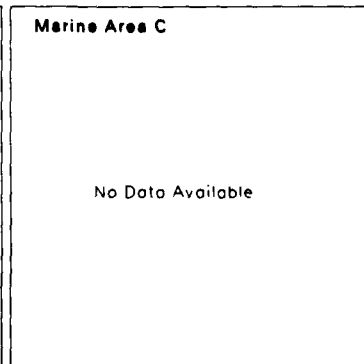
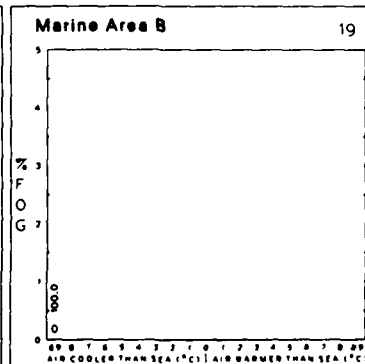
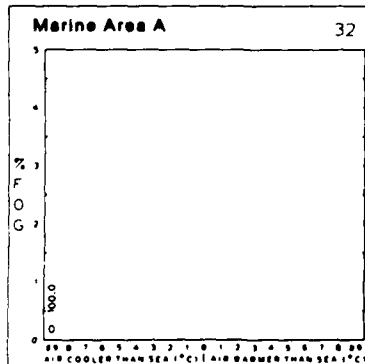
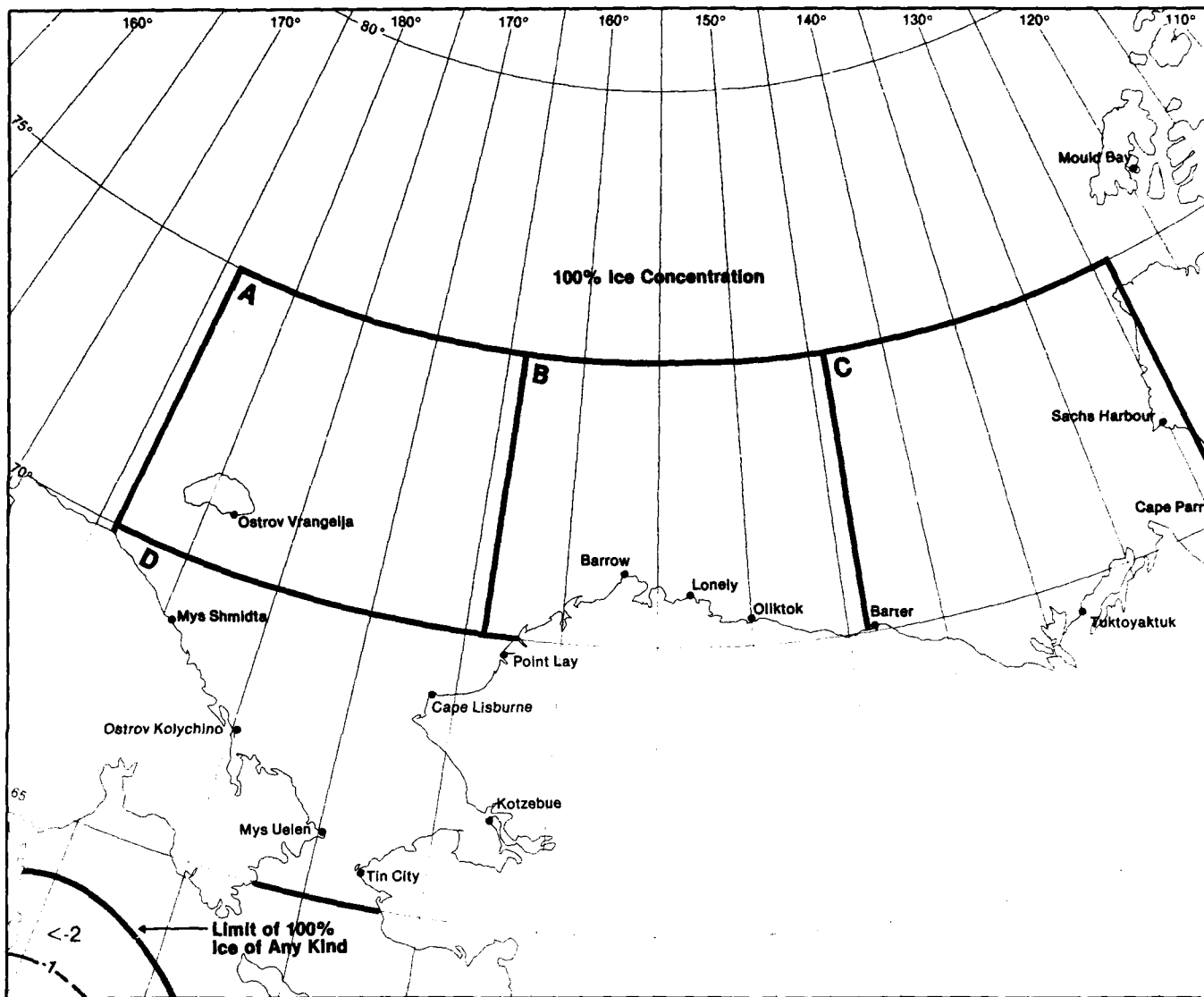


January

16 Fog and Air-Sea Temperature |
Sea Surface Temperature Extr

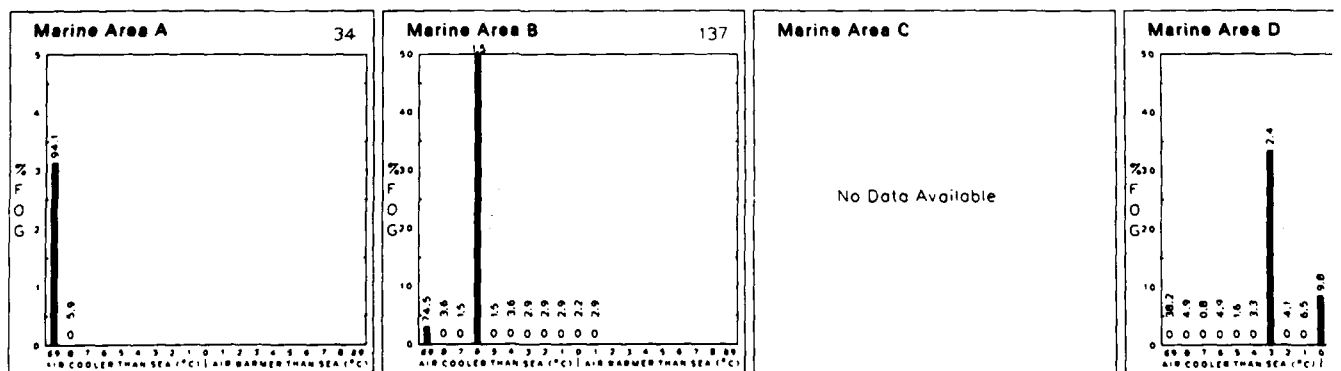
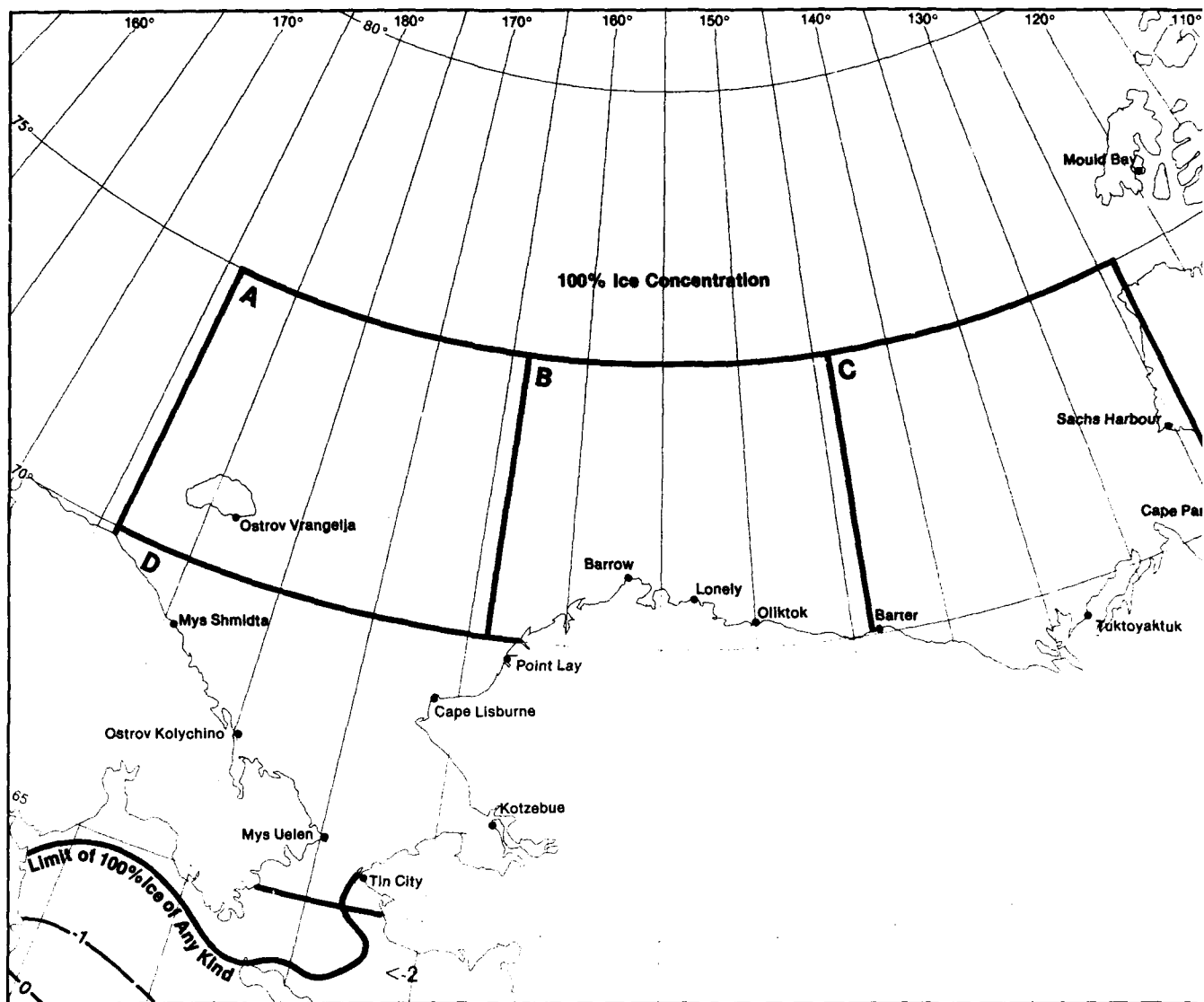


16 Fog and Air-Sea Temperature Difference
Sea Surface Temperature Extremes

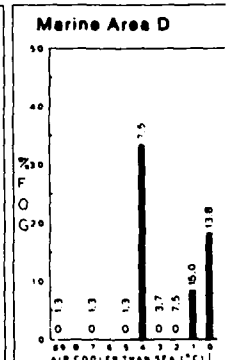
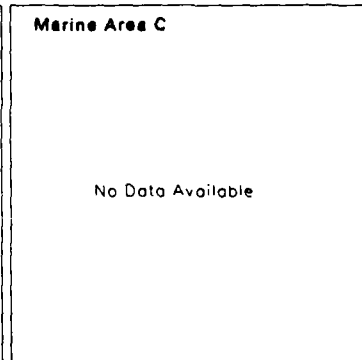
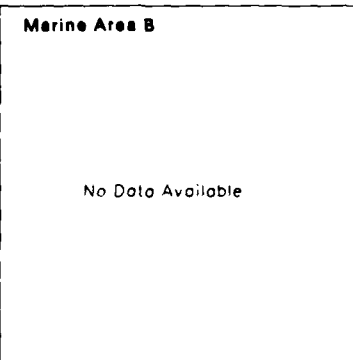
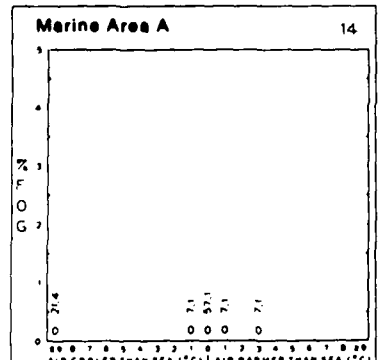
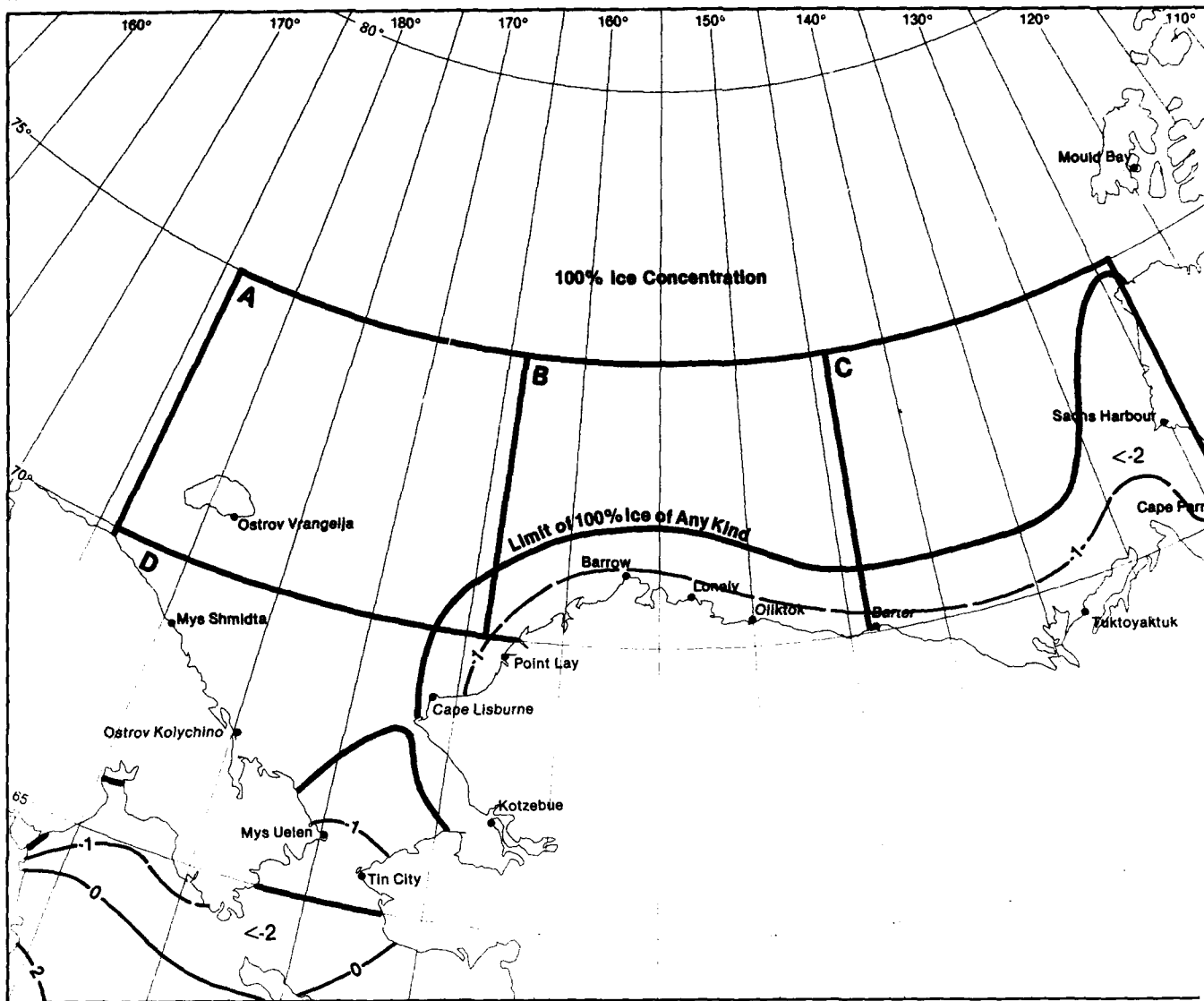


March

16 Fog and Air-Sea Temperature
Sea Surface Temperature Ext



16 Fog and Air-Sea Temperature Difference
Sea Surface Temperature Extremes



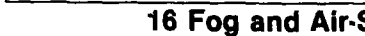
May

16 Fog and Air-Sea Temperature
Sea Surface Temperature Ex

April

| Temperature (°C) | 0 h | 5 h | 10 h |
|------------------|-----|-----|------|
| 4 | 0 | 0 | 0.2 |
| 5 | 0 | 0 | 0.3 |
| 6 | 0 | 0 | 0.8 |
| 7 | 0 | 0 | 2.3 |
| 8 | 0 | 0 | 3.3 |
| 25 | 0 | 0 | 1.3 |

This map illustrates the distribution of ice concentration in the Arctic region, specifically focusing on the limit of 100% ice of any kind. The map includes latitude and longitude lines, and labels for various locations such as Ostrov Vrangeliya, Mys Schmidt, Cape Lisburne, and Kotzebue. Contours are labeled with values like -1, 0, 2, 4, 6, 8, 10, 12, 14, and 16. A thick black line is labeled 'Limit of 100% Ice of Any Kind'.

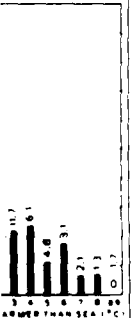


16 Fog and Air-Sea Temperature

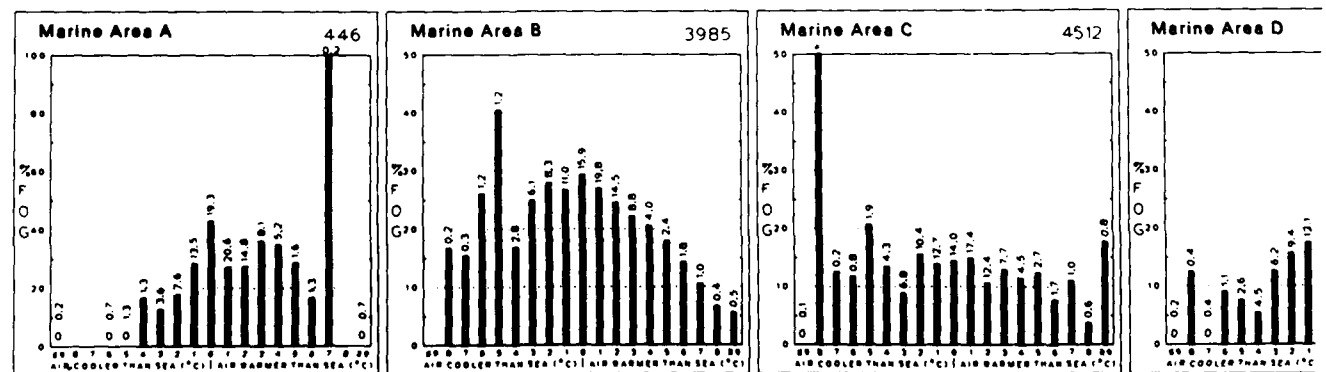
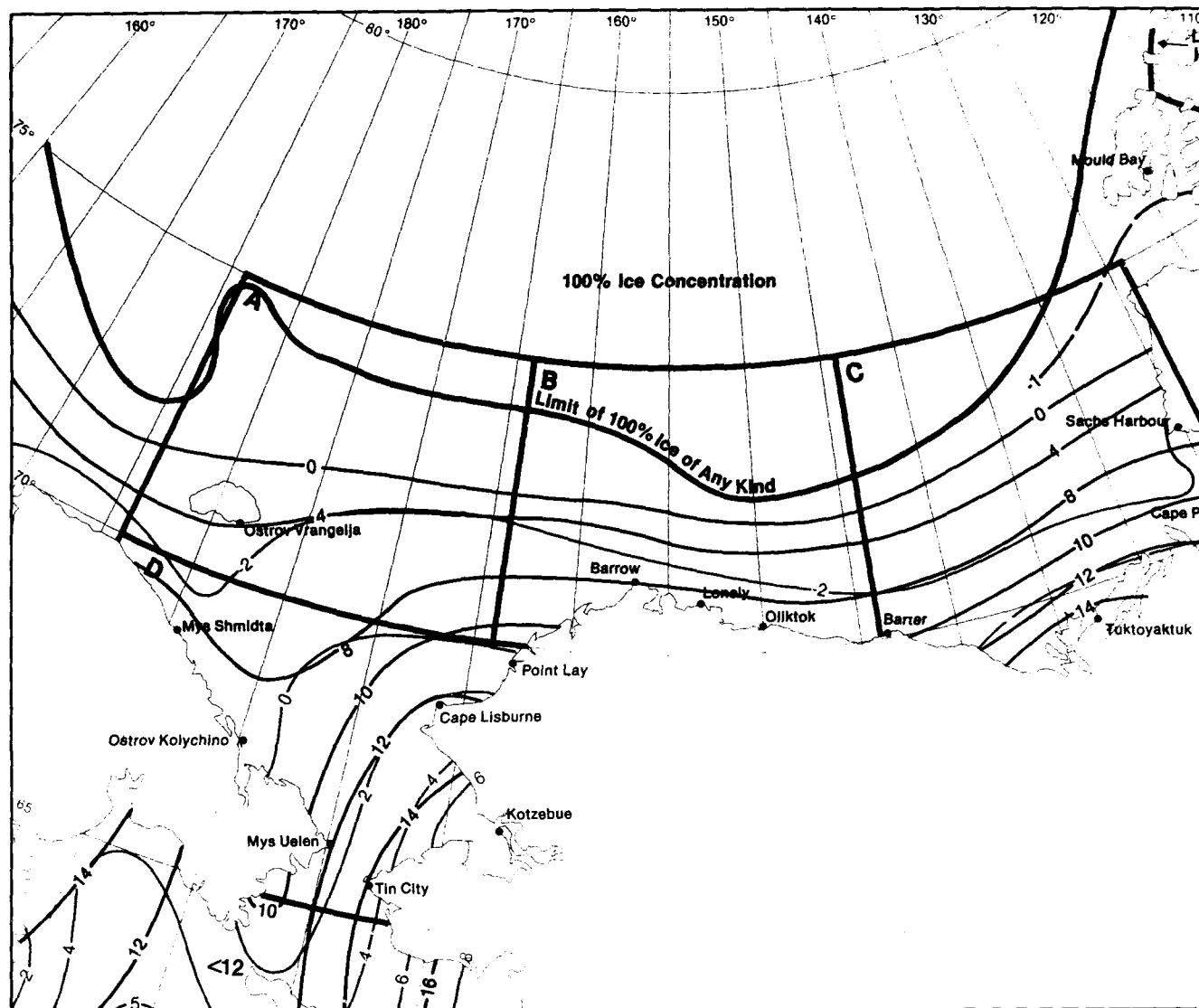
Sea Surface Temperature I

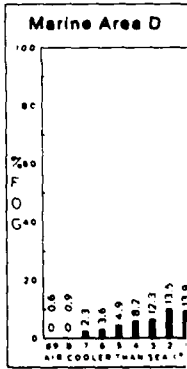
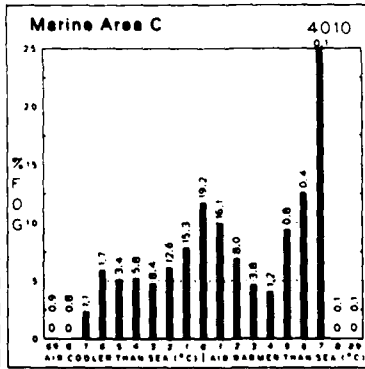
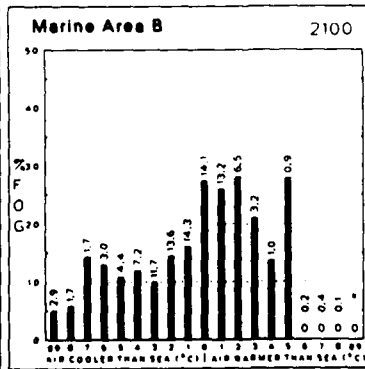
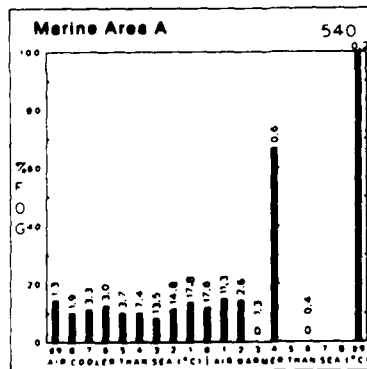
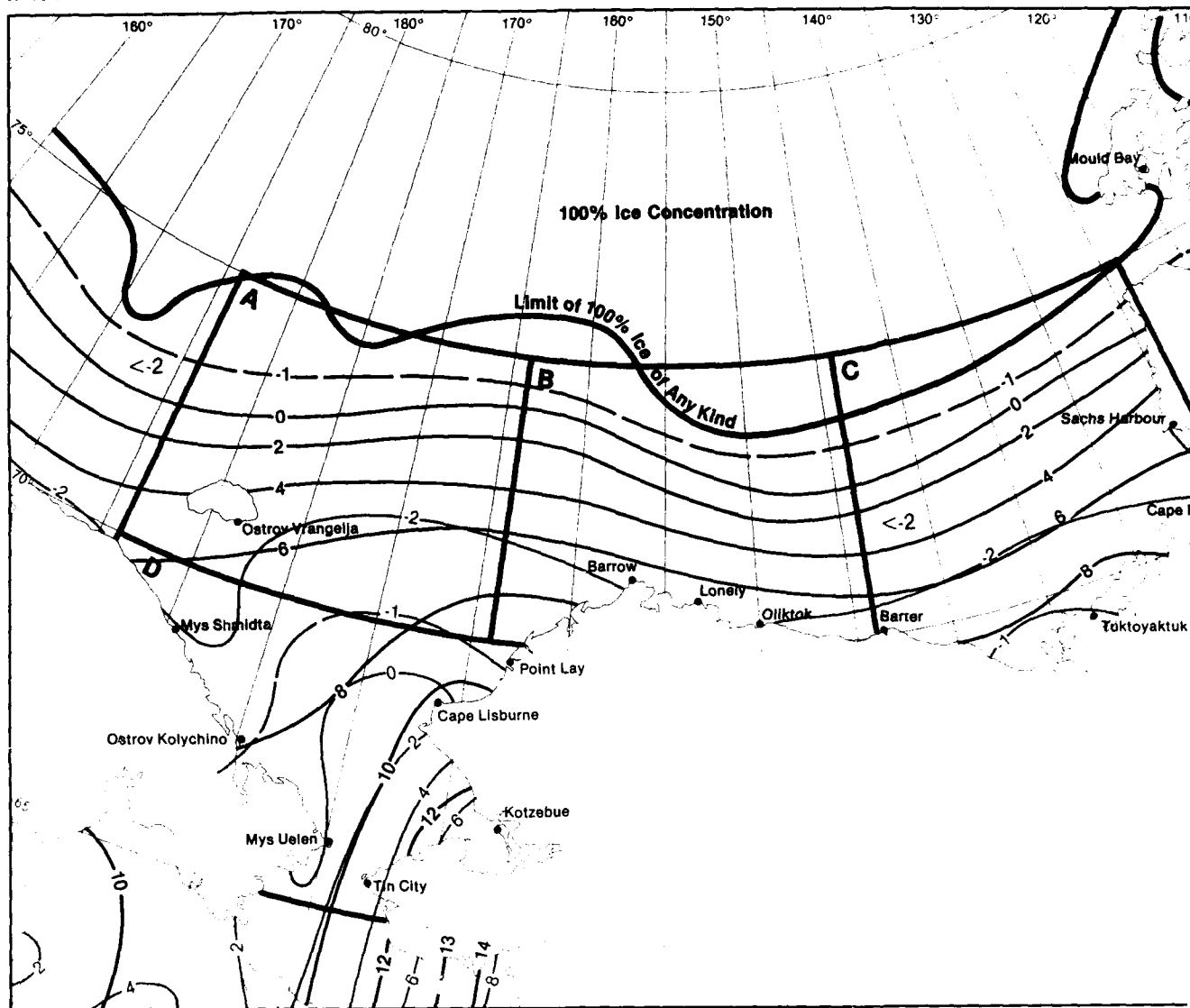


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Difference
Fog and Air-Sea Temperature Difference

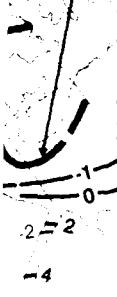




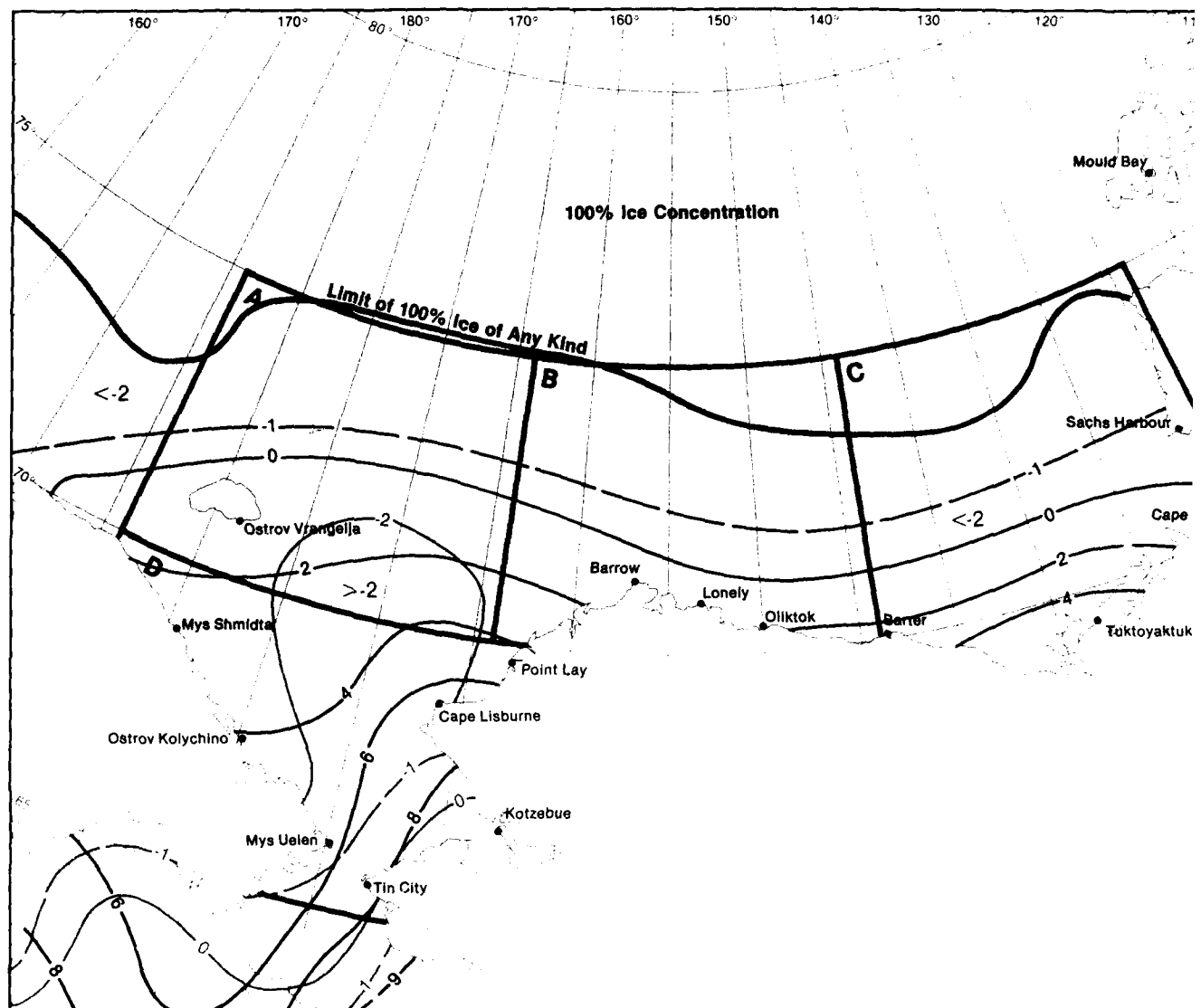
September

16 Fog and Air-Sea Temperature
Sea Surface Temperature I

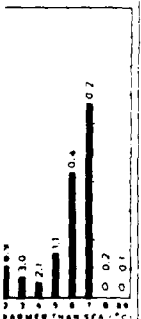
It of 100%
f Any Kind



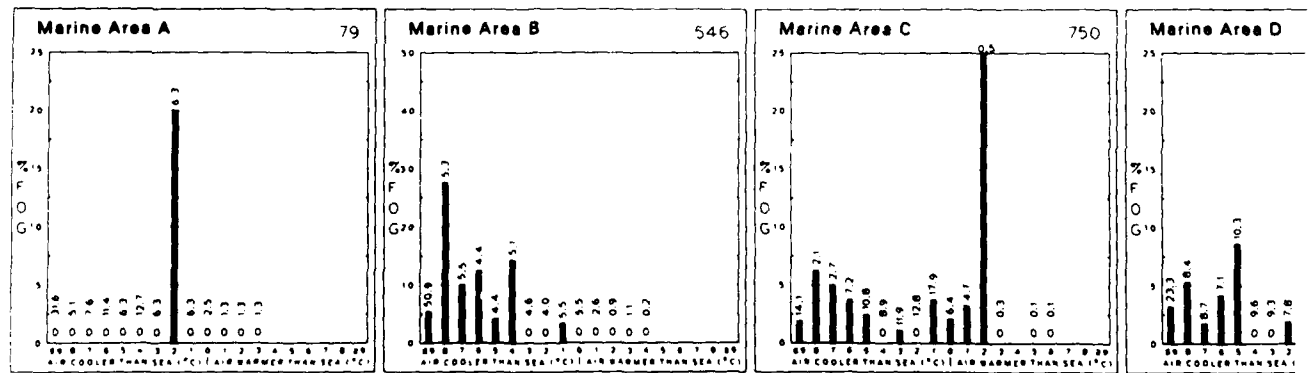
Holman
Clinton Point



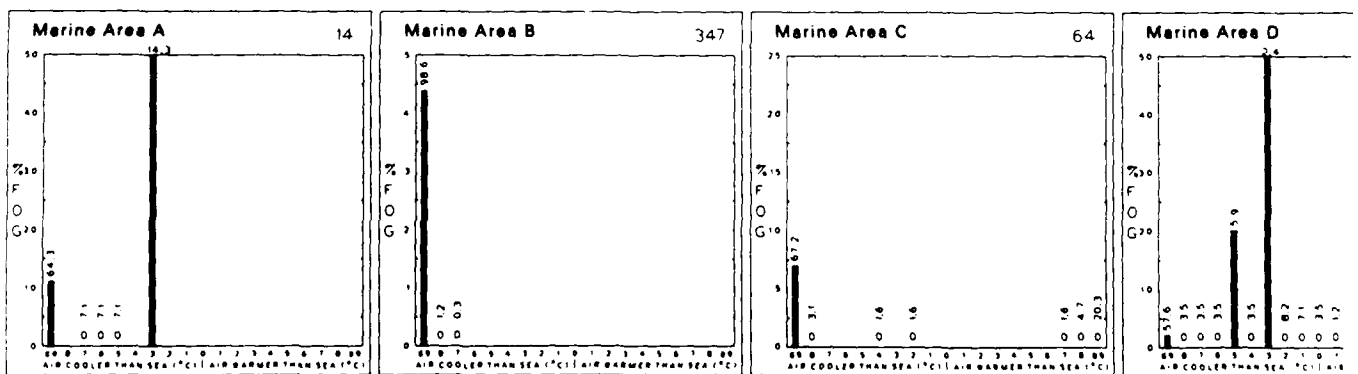
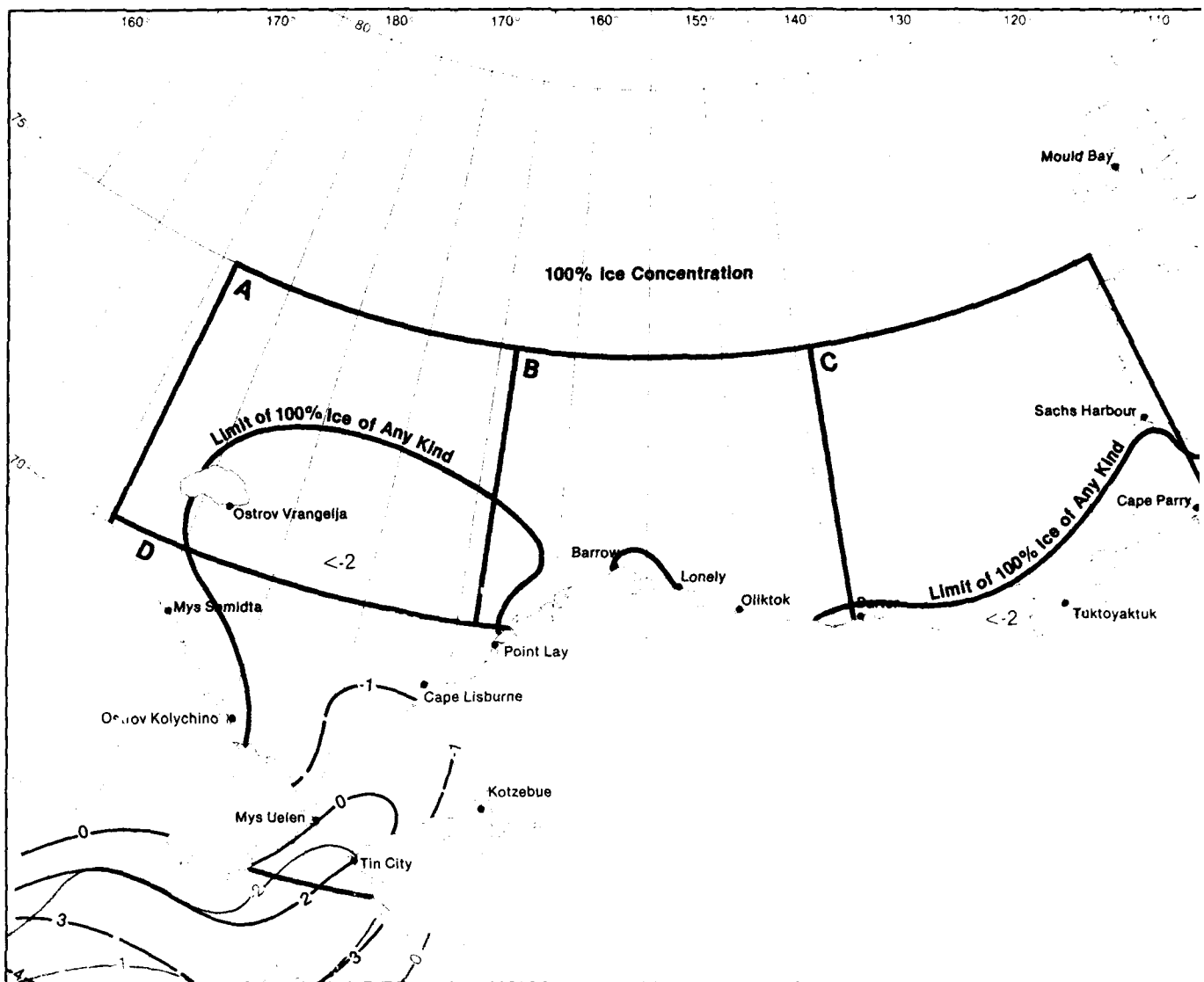
1891



Difference
between
Air and Sea

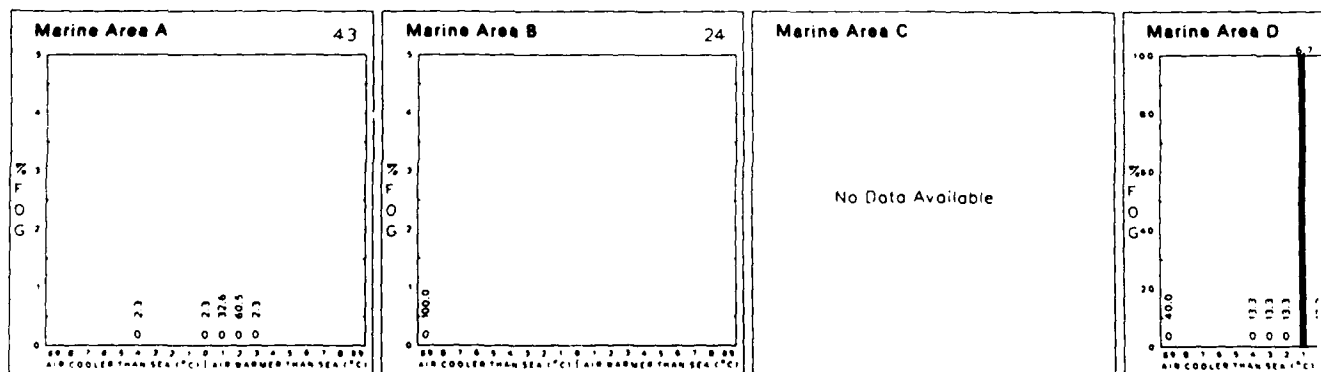
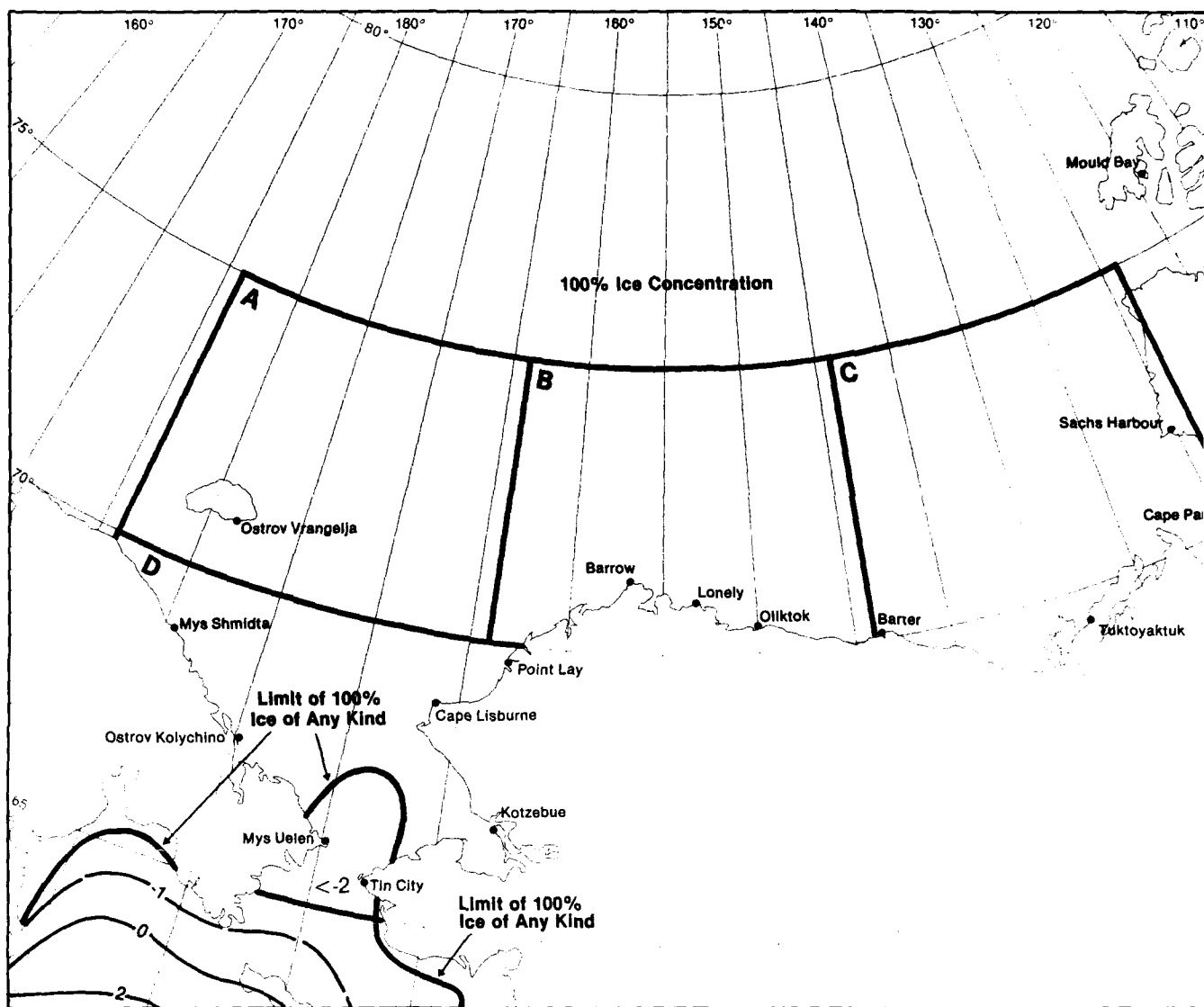


16 Fog and Air-Sea Temperature Difference
Sea Surface Temperature Extremes



November

16 Fog and Air-Sea Temperature
Sea Surface Temperature Ext



16 Fog and Air-Sea Temperature Difference
Sea Surface Temperature Extremes

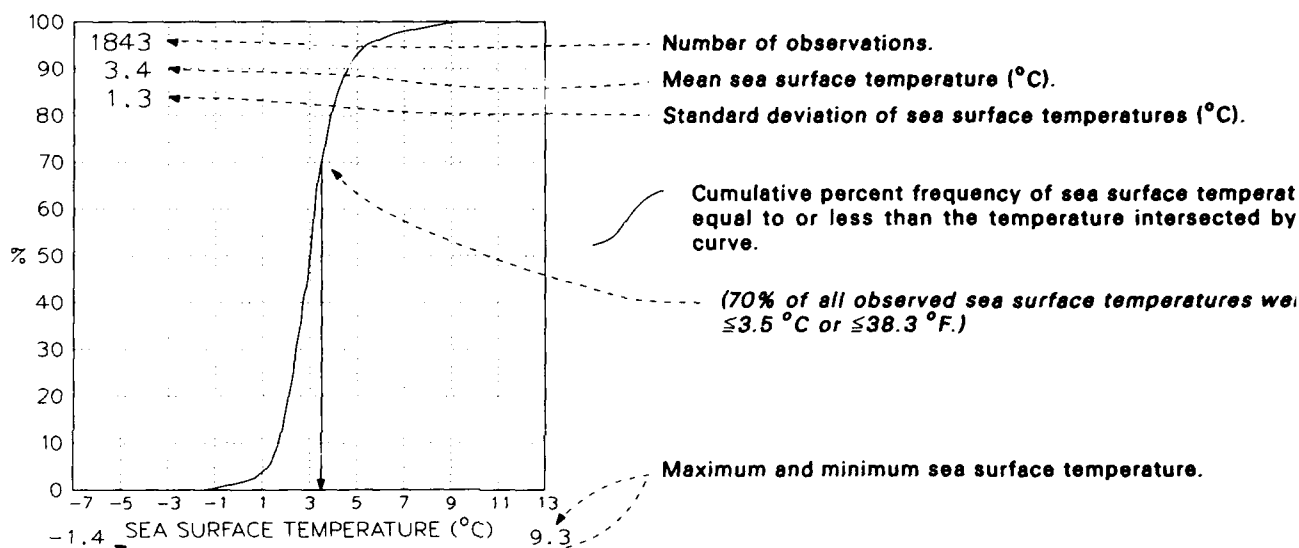
Map 17. Mean sea surface temperature and ice concentration of any kind.

BLACK LINE – Mean sea surface temperature (°C).

BLUE LINE – Percent frequency of occurrence of ice of any kind.

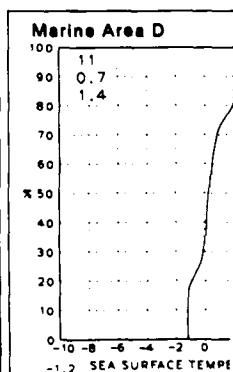
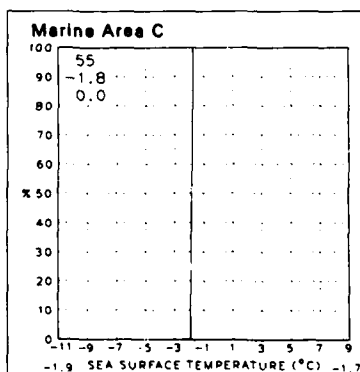
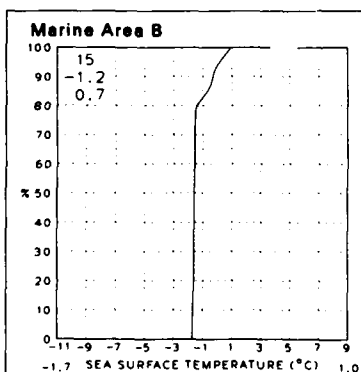
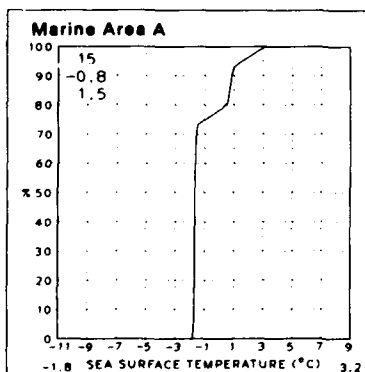
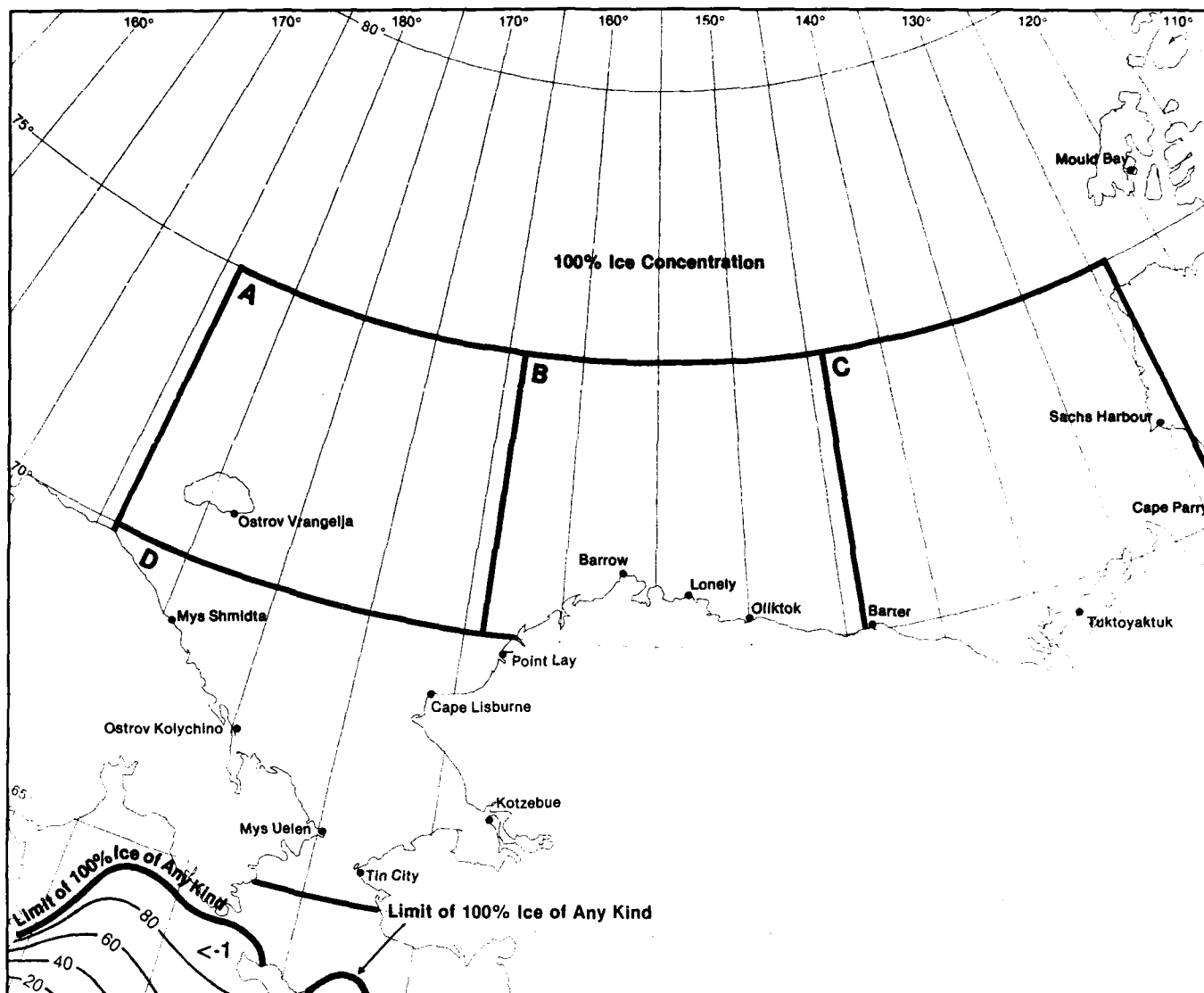
Albers Equal-Area Conic Projection

Graphs: Sea surface temperature



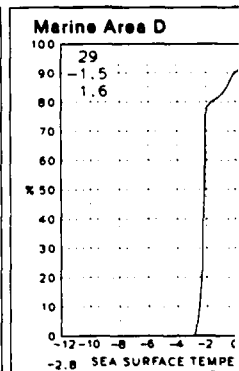
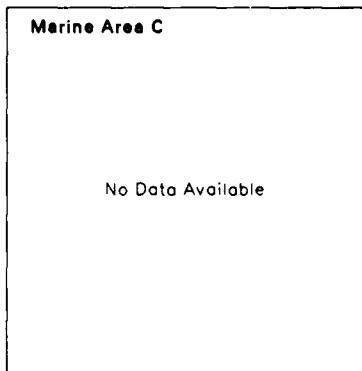
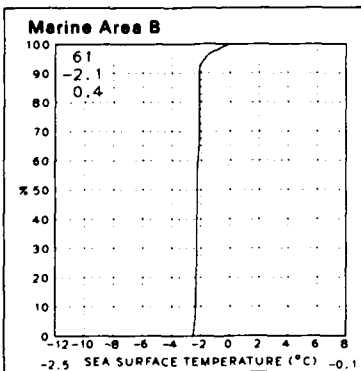
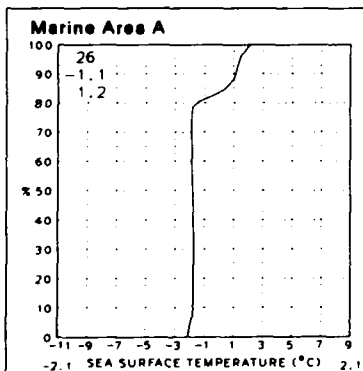
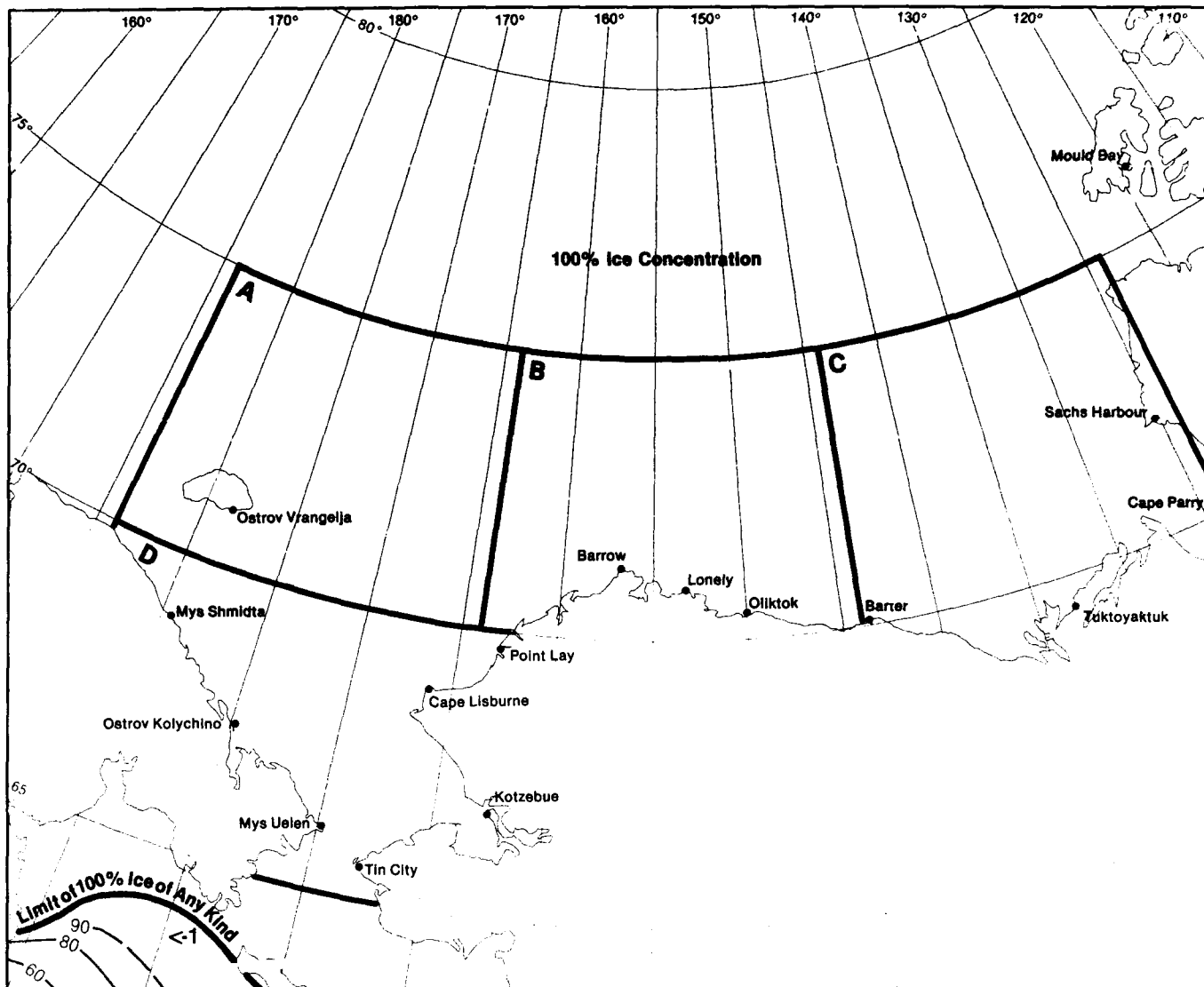
The percentage of temperatures greater than a given value can be obtained from the graph by subtracting the frequency of that value from 100%. Sea surface temperatures may be used to estimate the length of time a person in clothes and life preserver may be expected to survive if washed overboard. The approximate survival time as a function of temperature is shown in the following table (refer to the text in Section I of the atlas for information on immersion hypothermia and to the introductory text in Section II for sea ice information).

| Water Temperature | Exhaustion or Unconsciousness | Expected time of Survival |
|-------------------|-------------------------------|---------------------------|
| 0°C | 15 min | 15—45 min |
| 0°—5°C | 15—30 min | 30—90 min |
| 5°—10°C | 30—60 min | 1—3 hours |
| 10°—15°C | 1—2 hours | 1—6 hours |
| 15°—20°C | 2—7 hours | 2—40 hours |
| 20°—25°C | 3—12 hours | 3—indefinite hrs |
| 25°C | Indefinite | Indefinite |

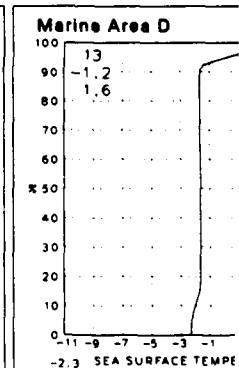
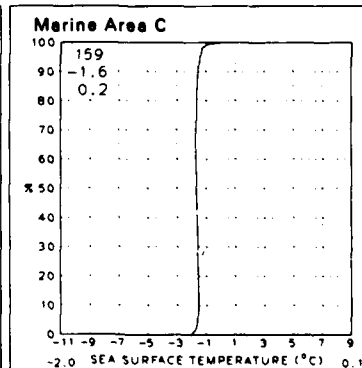
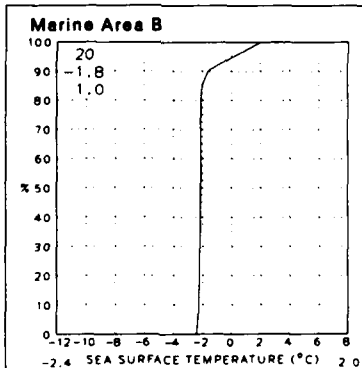
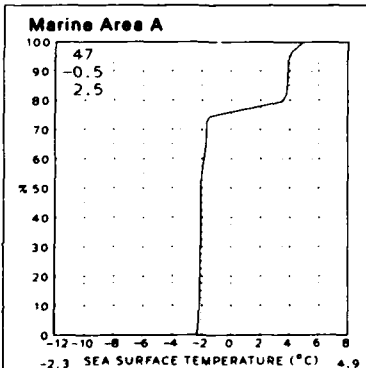
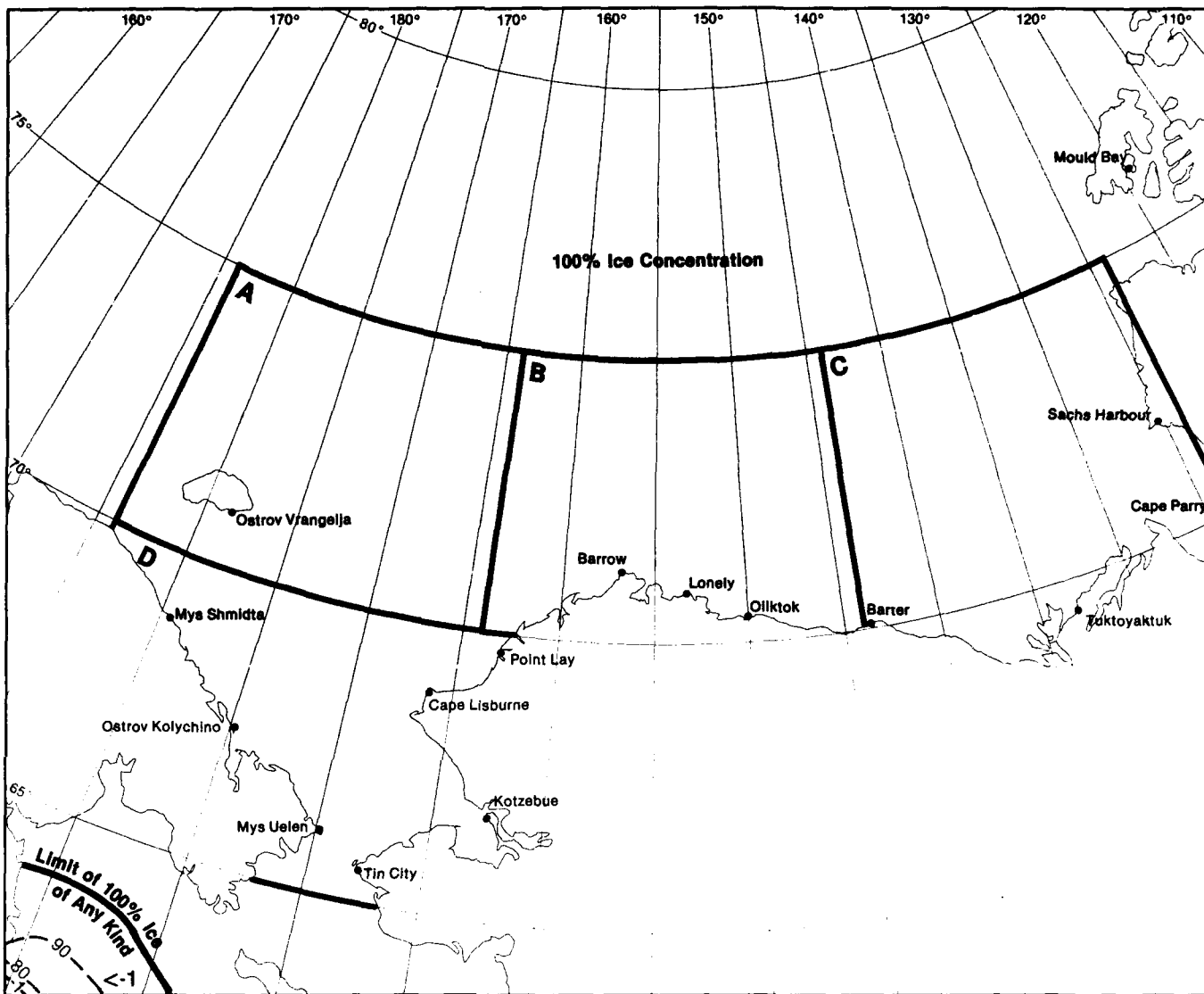


January

17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice o

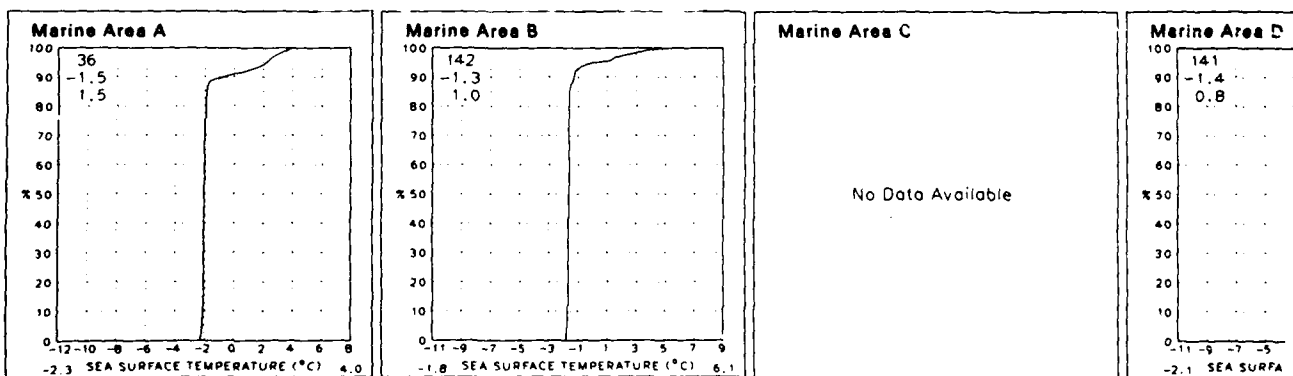
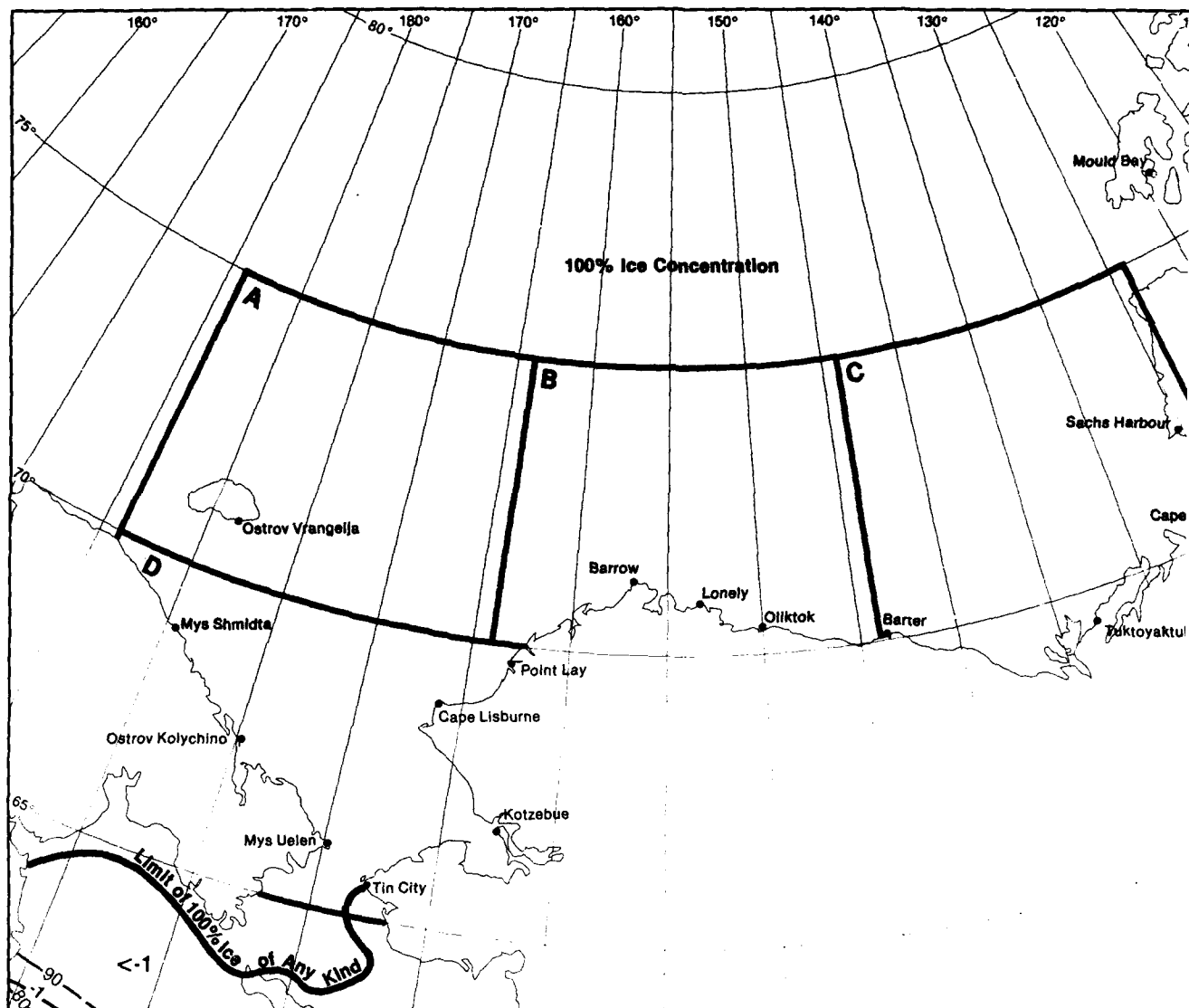


17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice of Any Kind



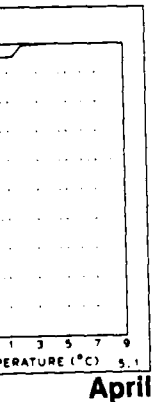
March

17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice o



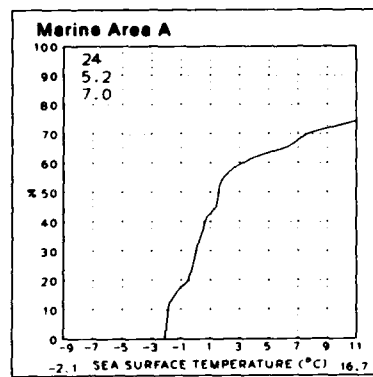
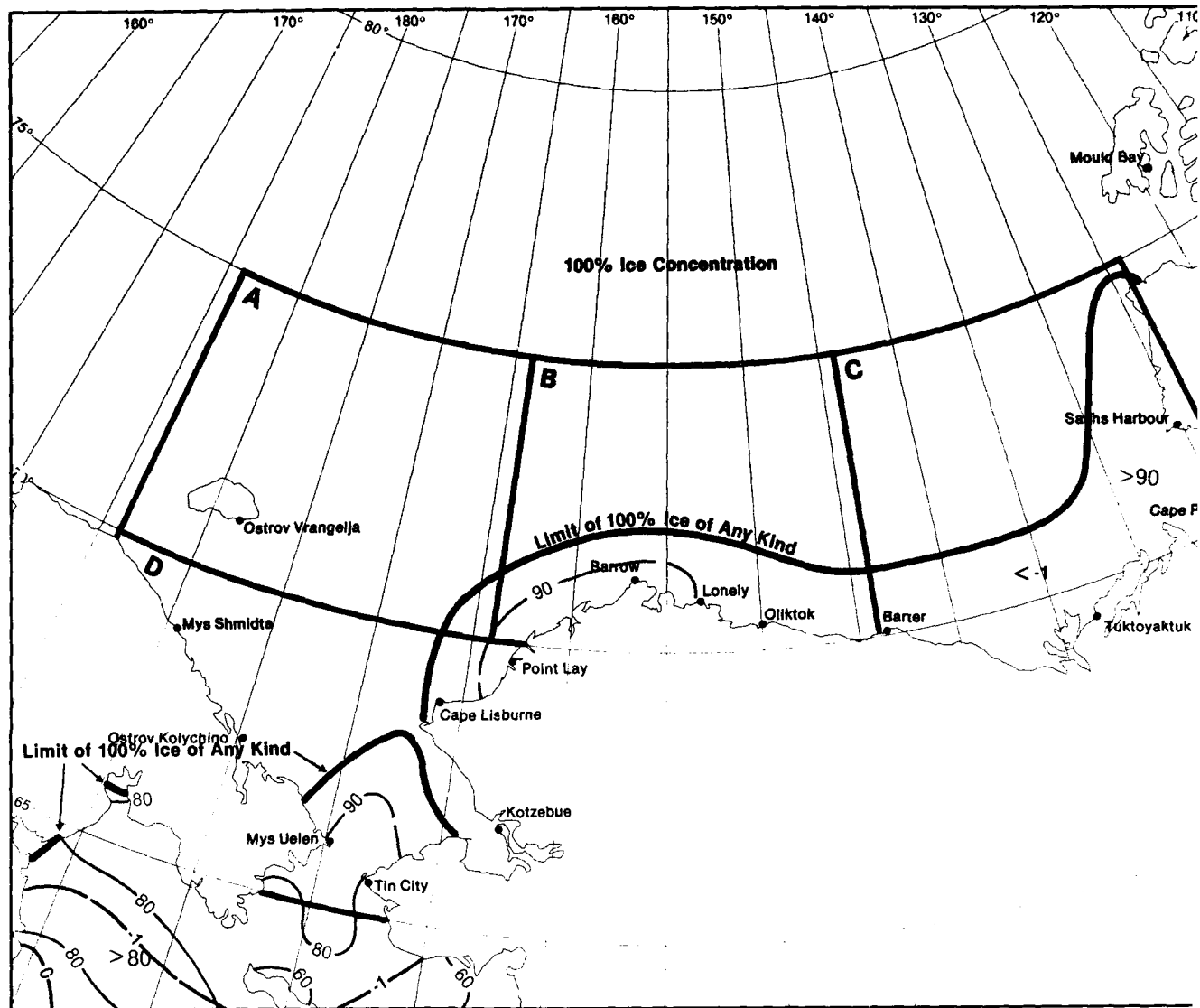
17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice of Any Kind

II-413

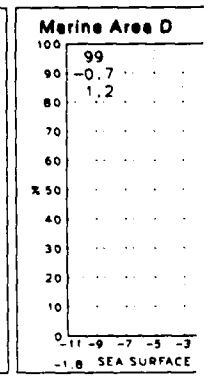
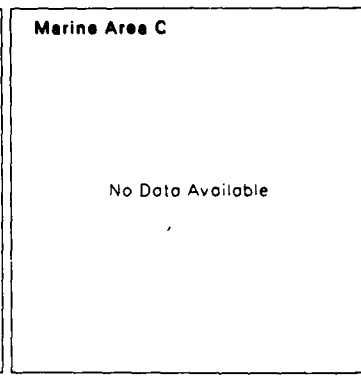
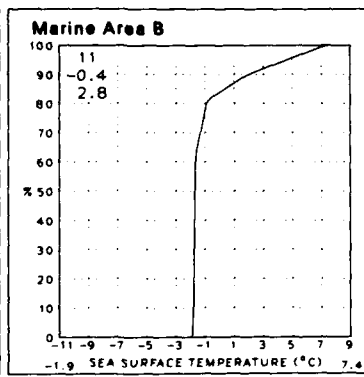


April

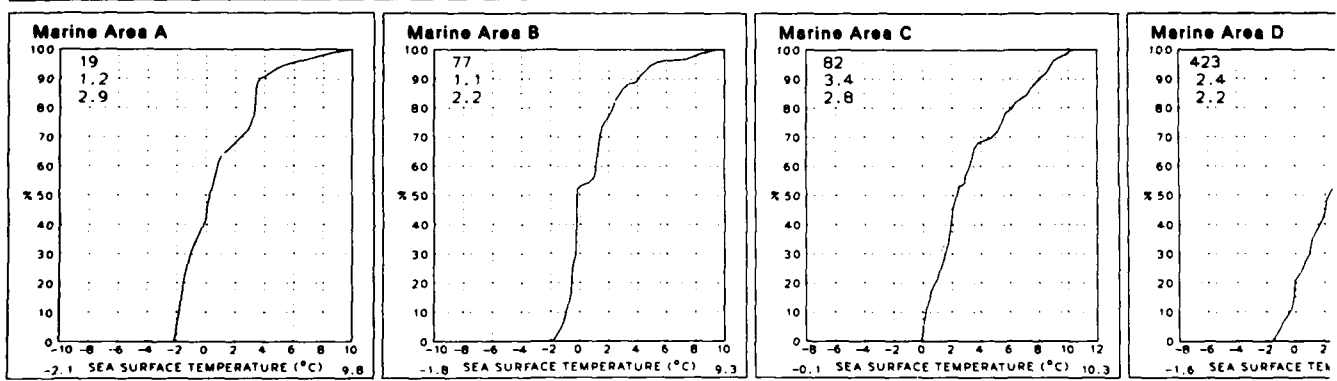
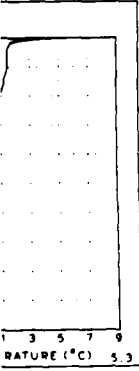
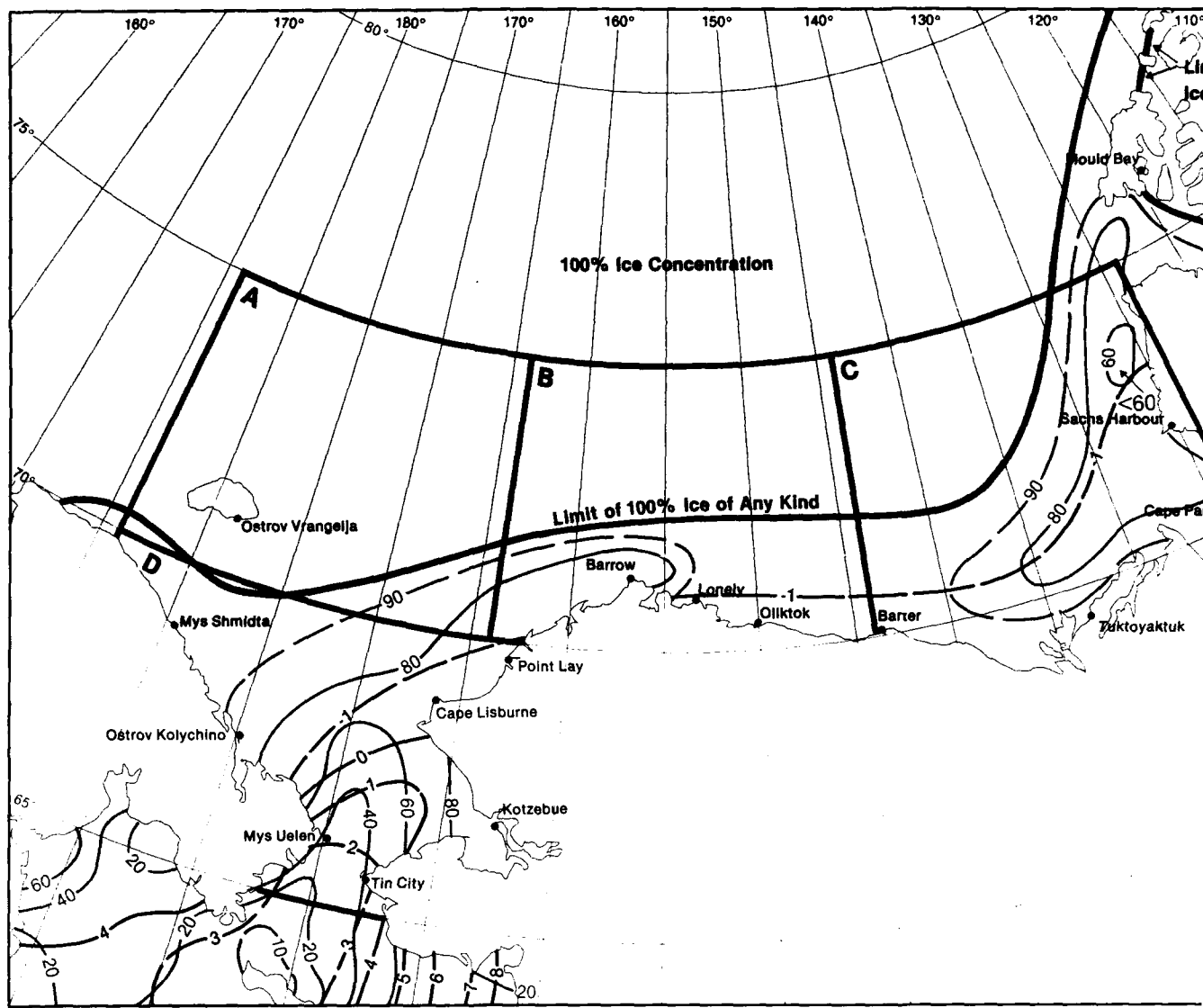
II-414



May

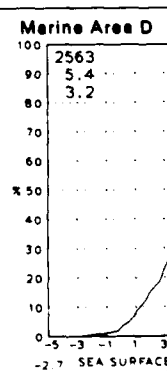
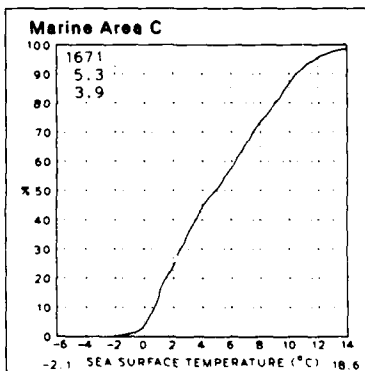
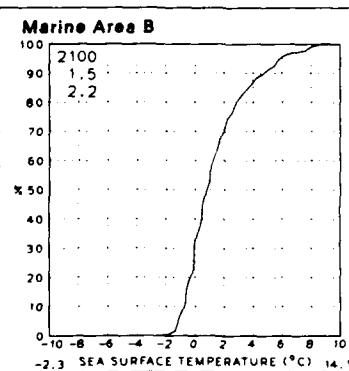
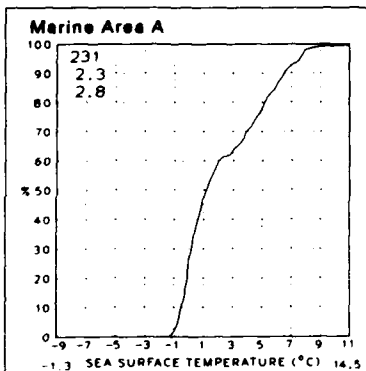
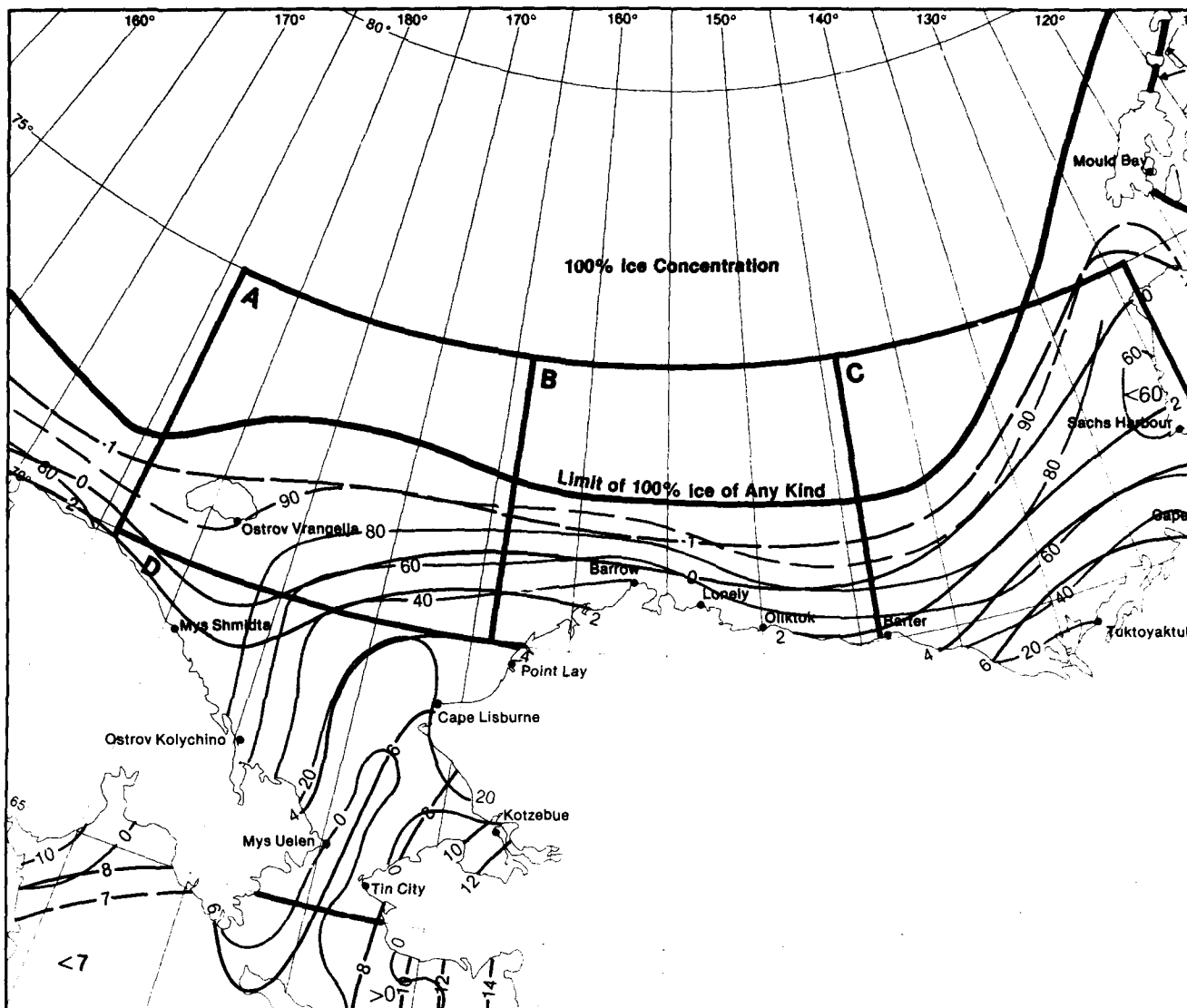


17 Sea Surface Temperature
Mean Sea Surface Temperature and Ic



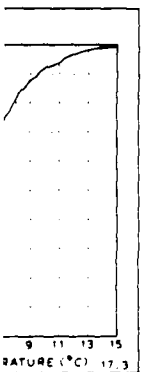
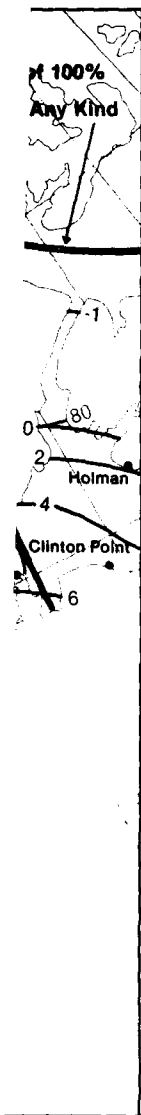
17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice of Any Kind

f Any Kind

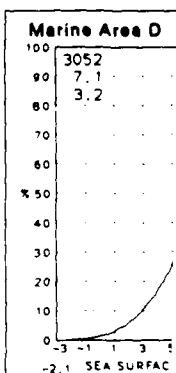
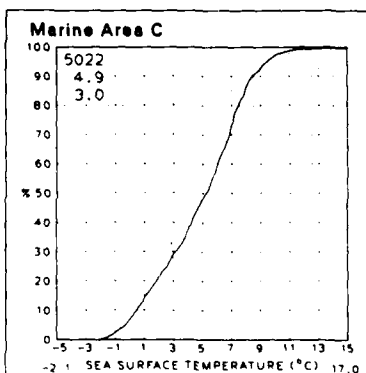
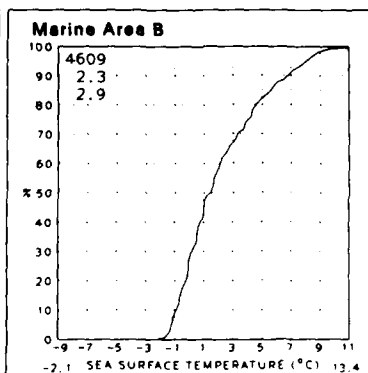
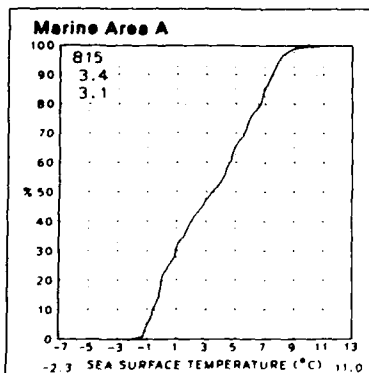
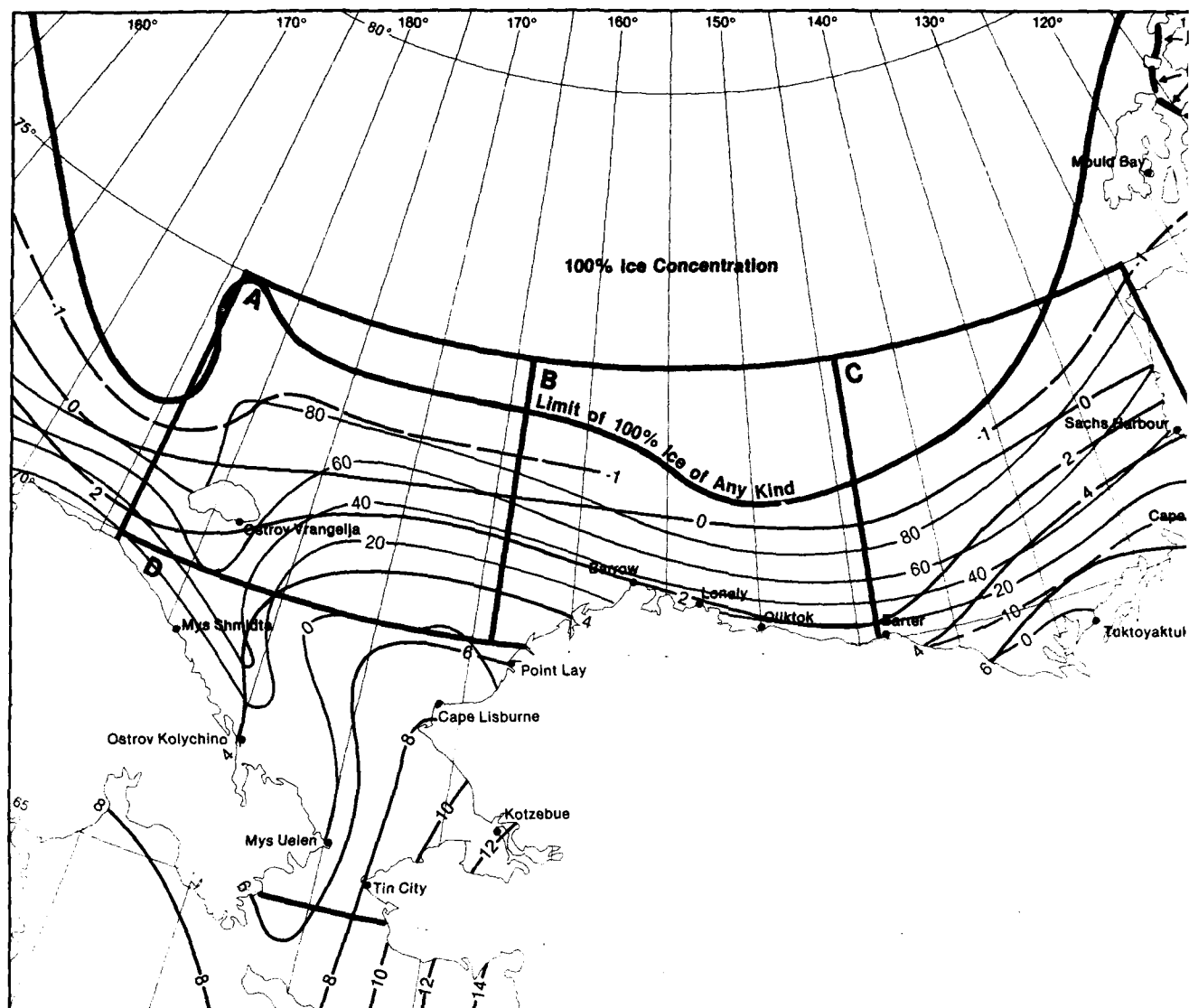


July

17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice



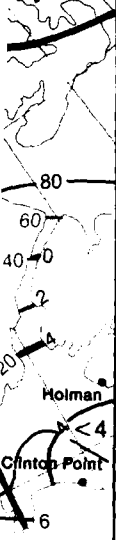
Any Kind



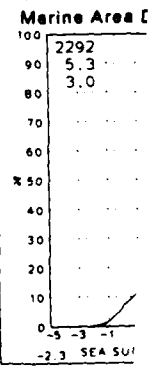
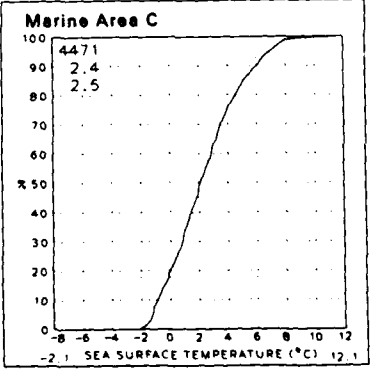
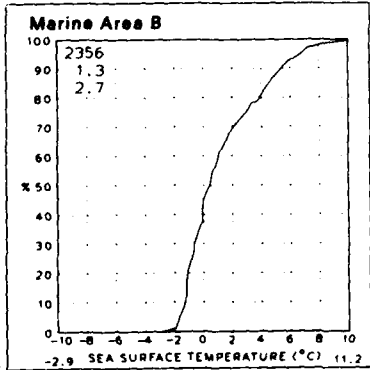
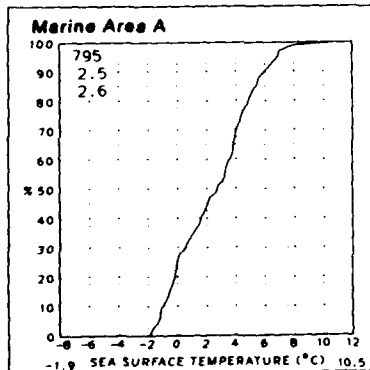
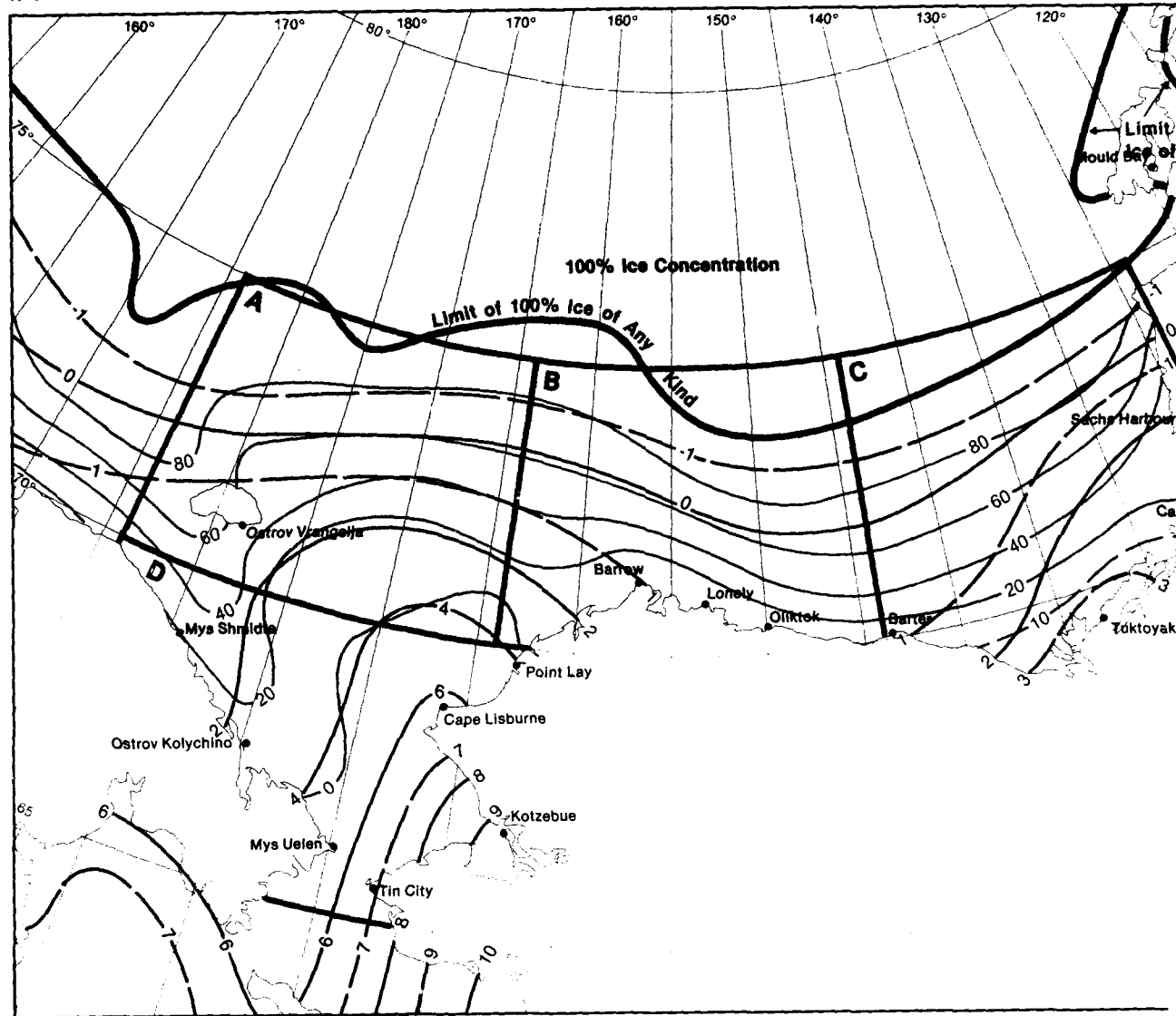
17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice of Any Kind

II-417

100%
Any Kind



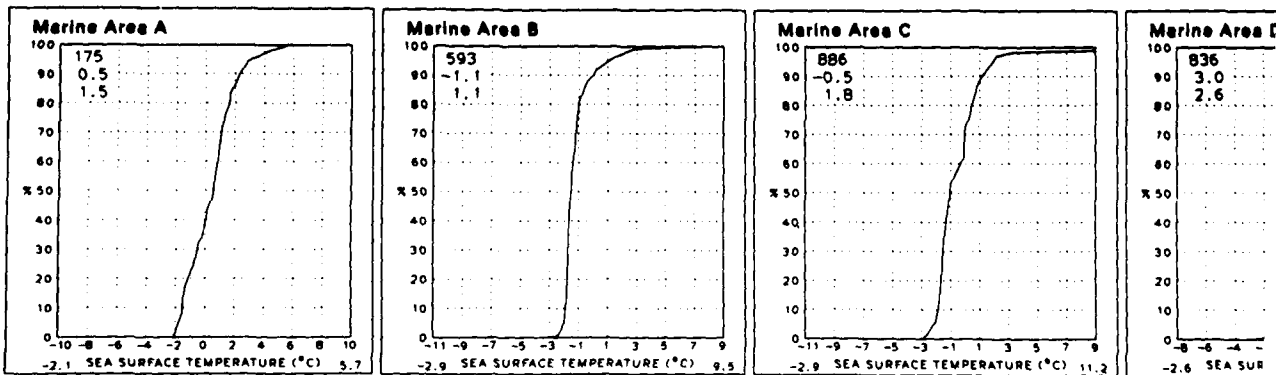
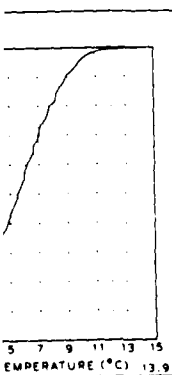
II-418



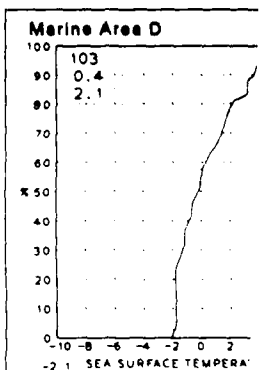
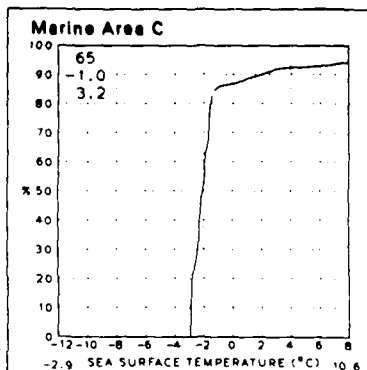
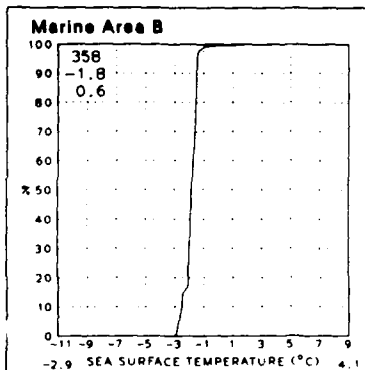
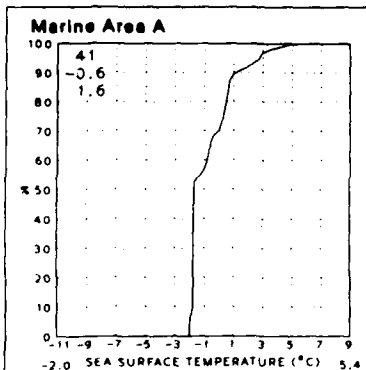
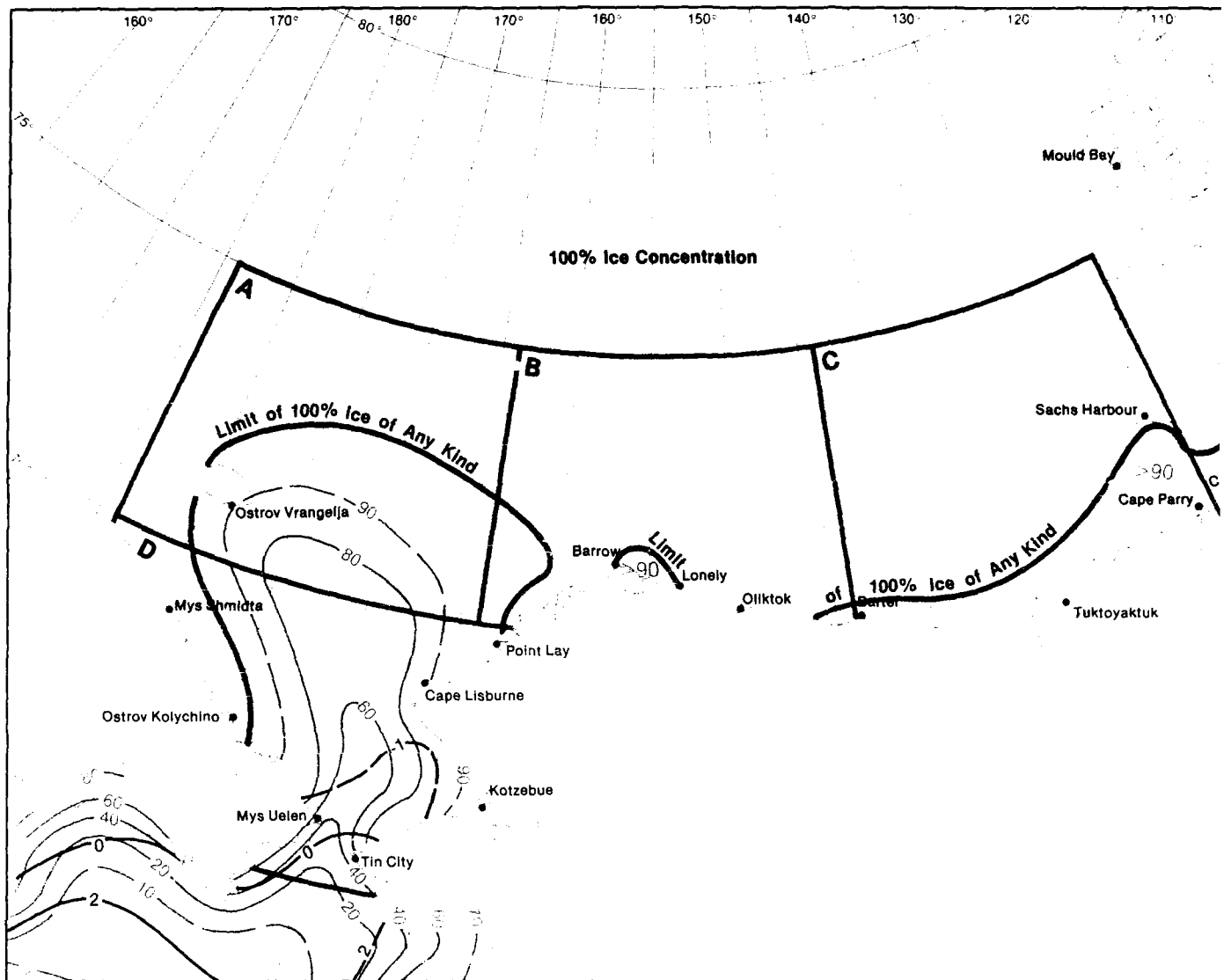
September

17 Sea Surface Temperature
Mean Sea Surface Temperature and

August

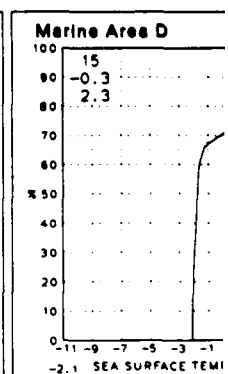
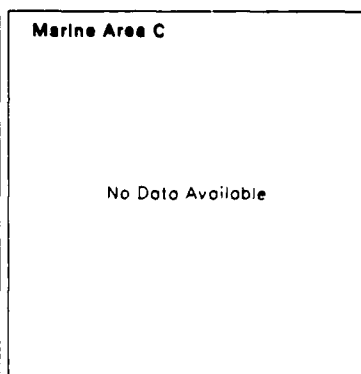
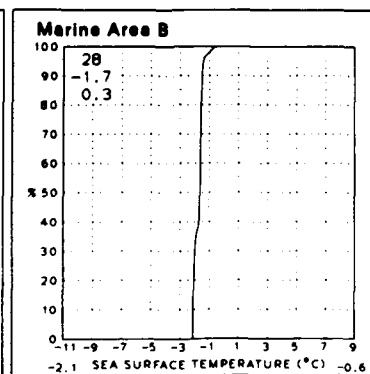
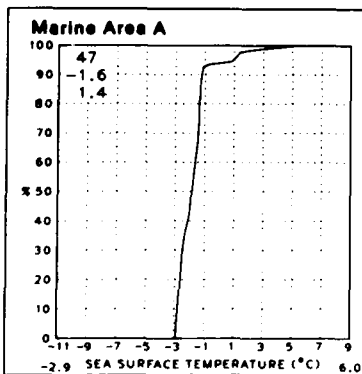
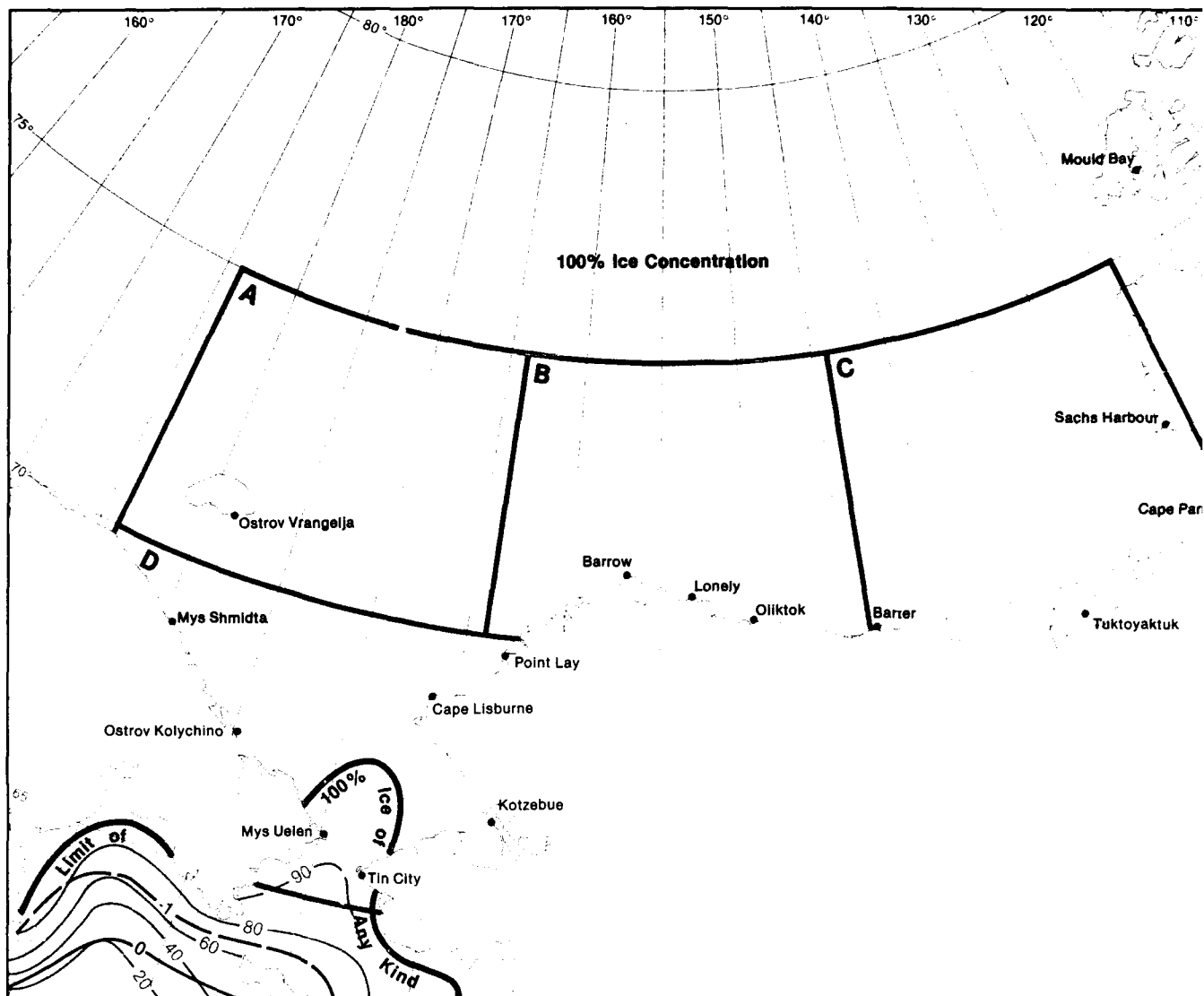


17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice of Any Kind



November

17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice of



17 Sea Surface Temperature
Mean Sea Surface Temperature and Ice of Any Kind

II-421



ember

II-422



Map 18. Wave height ≤ 3 feet and ice concentration $\geq 5/10$ ths

BLACK LINE – Percent frequency of wave height ≤ 3 feet (1 meter).

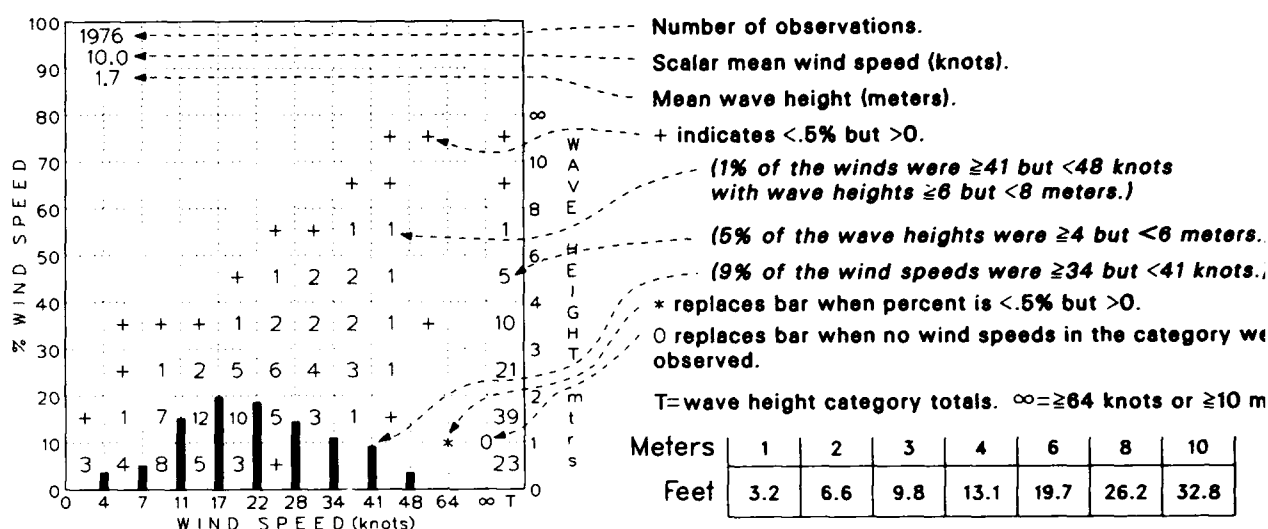
BLUE LINE – Percent frequency of ice concentration $\geq 5/10$ ths.

Albers Equal-Area Conic Projection

Graphs: Wave height/wind speed

Wind speed frequency: Bars are percentages for each wind speed category.

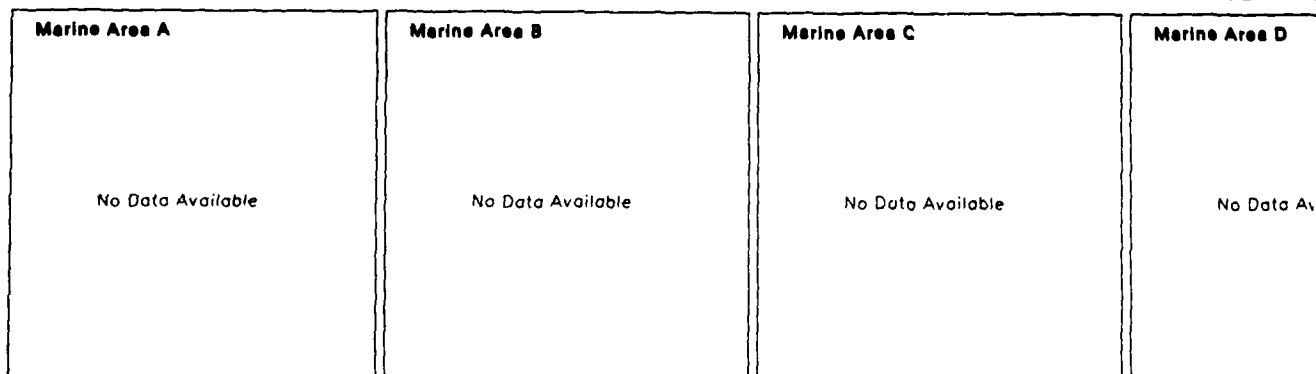
Wave height frequency: Numbers are percentages of wave height for various wind speeds.



Wave heights have been recorded in a consistent quantitative code only since the late 1940's. The reluctant observers to take wave observations in the earlier years and the difficulty in estimating waves, especially in con make wave observations one of the least commonly observed elements. The observations are also subject to bias characteristics. A correction factor of approximately 10% was suggested by Hogben and Lumb (1967) and has been preliminary work at NCDC where Quayle (1980) found that generally the heights are too low, the periods too short, and discrimination poor. The data in this study have not been adjusted for the suspected biases. The marine observation cesses through quality control procedure where an internal check was made between wind speed and sea height. swell data were then arrayed and suspicious outliers deleted. The higher of the sea wave or swell was selected for tion. If the heights were equal, the wave with the longer period was selected.

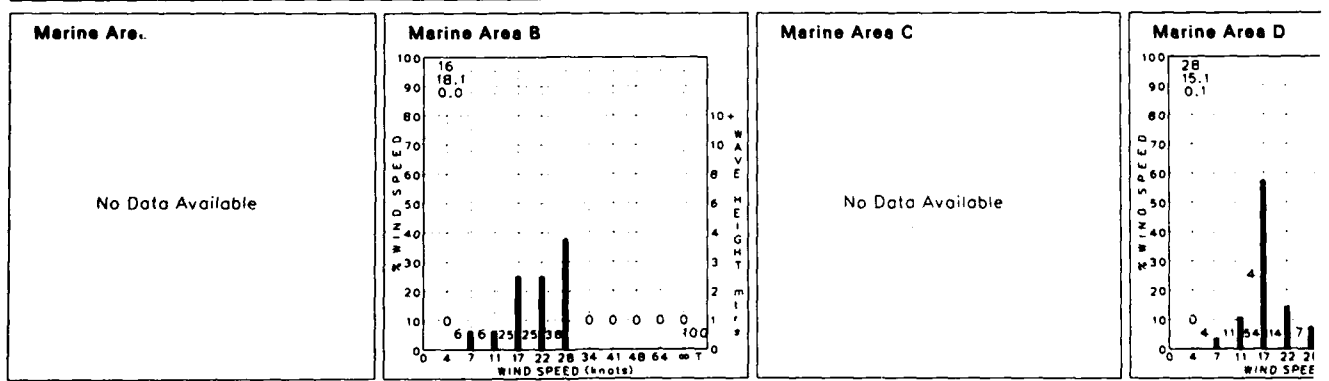
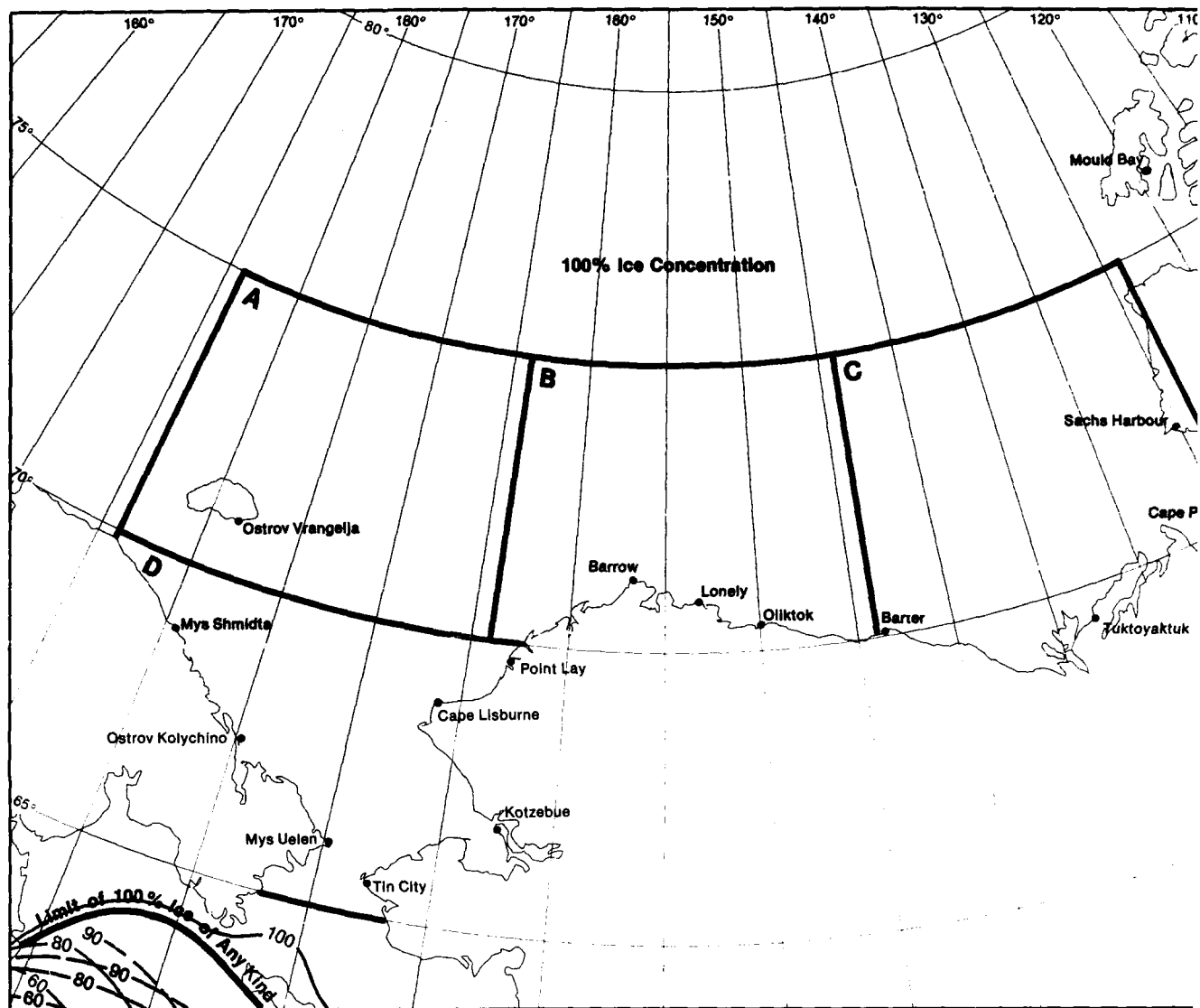
Wave height isopleth presentations in Sets 18 and 19 are for a generally nonhazardous sea condition; i.e., wave than 3 feet and 8 feet, respectively. Isopleth presentations in Set 20 define much more hazardous sea condition heights equal to or greater than 12 and 20 feet. Refer to the texts of Sets 14 and 18-21 for complete information on the introductory text of Section II for sea ice information.

18 Legend



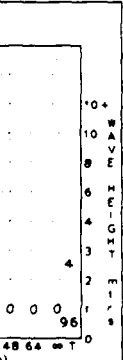
January

18 Wave Height and Wind S
Wave Height ≤ 3 Feet and



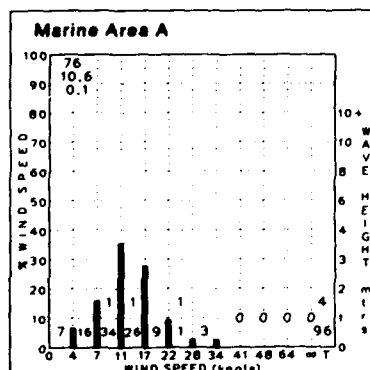
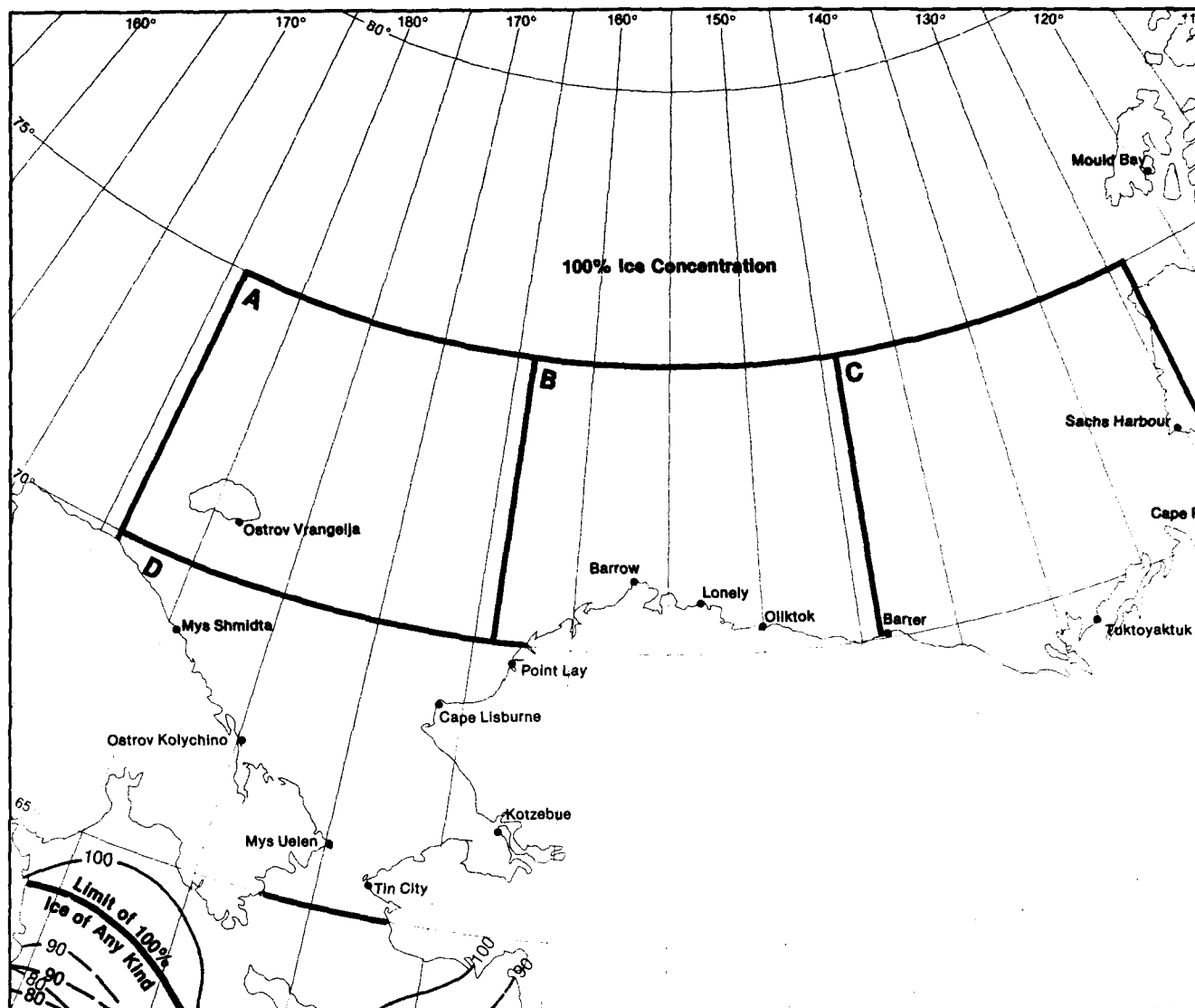
18 Wave Height and Wind Speed
Wave Height ≥ 3 Feet and Ice $\geq 5/10$ ths

II-425

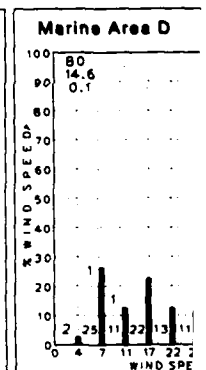
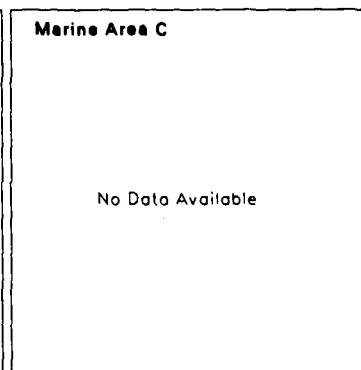
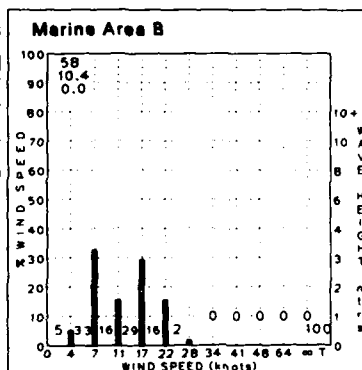


February

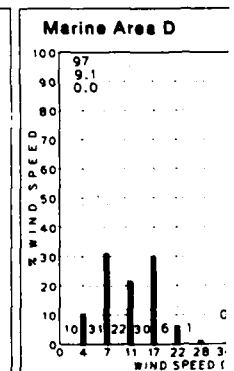
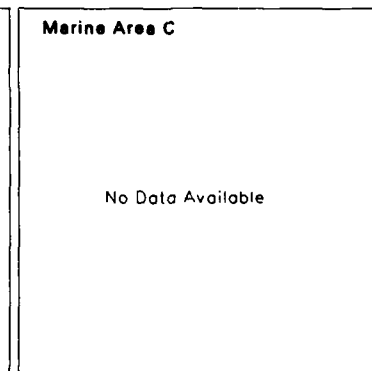
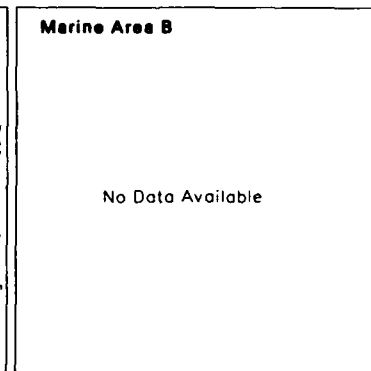
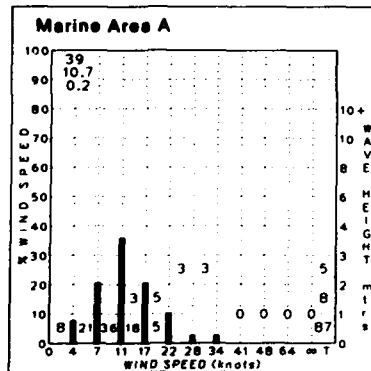
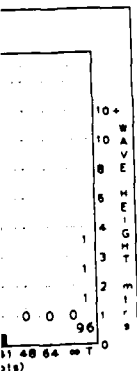
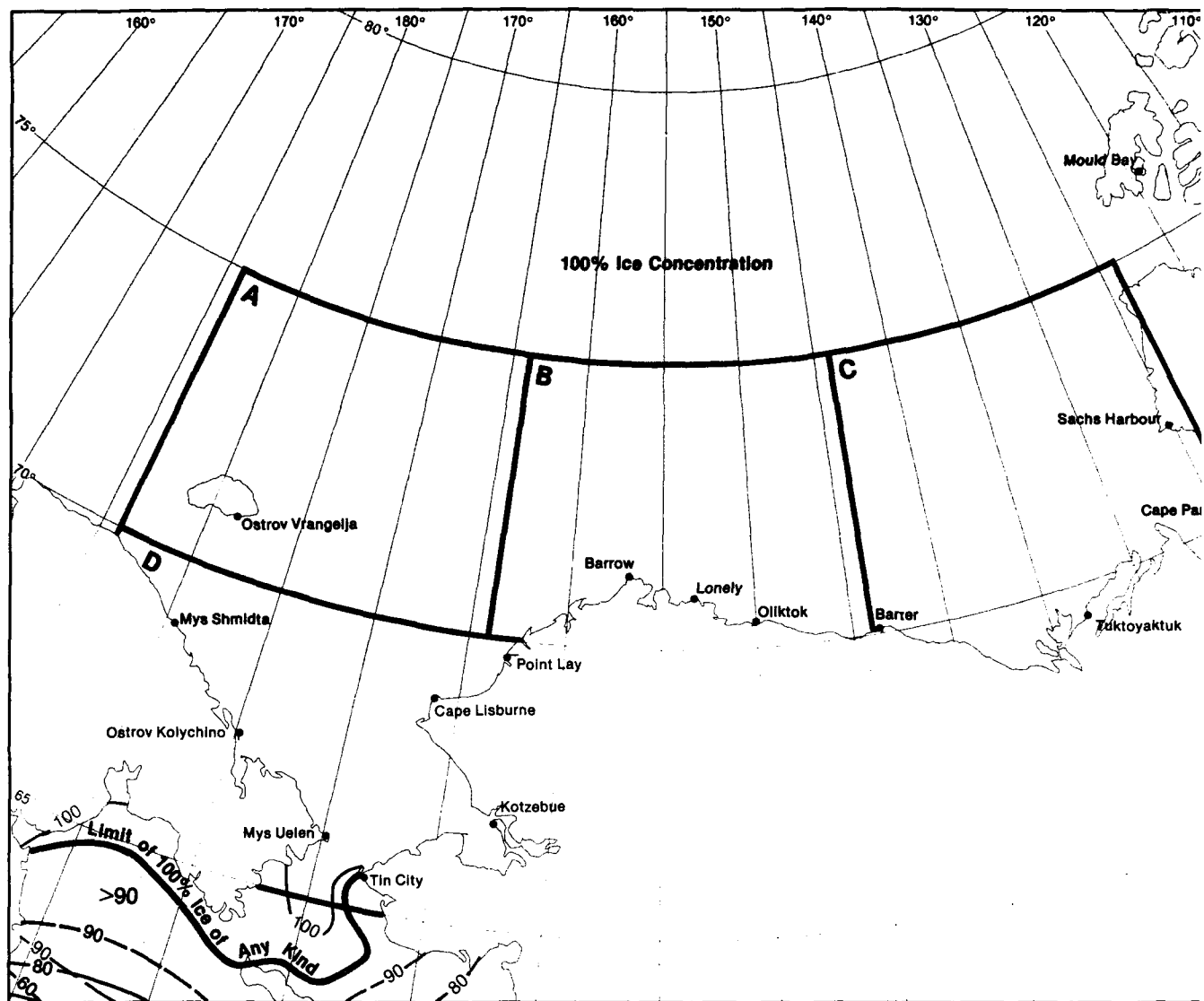
II-426



March

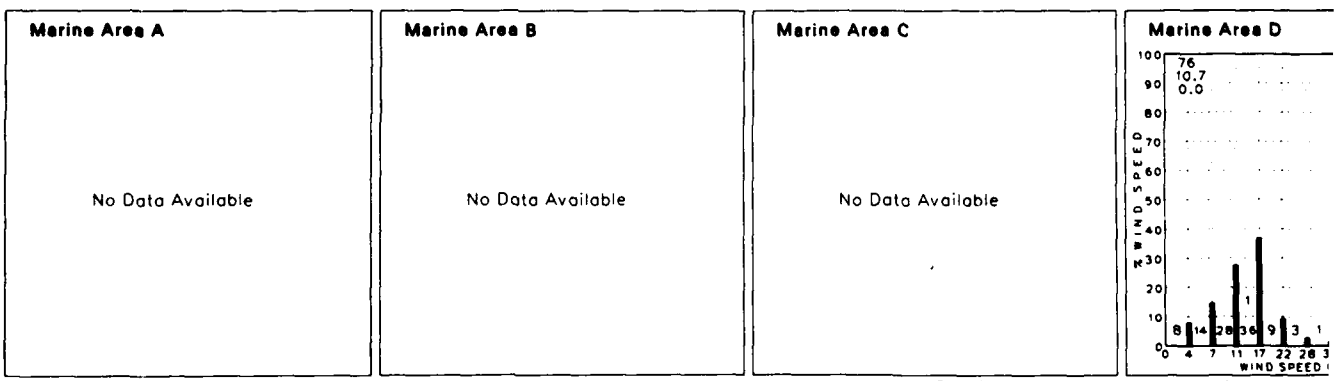
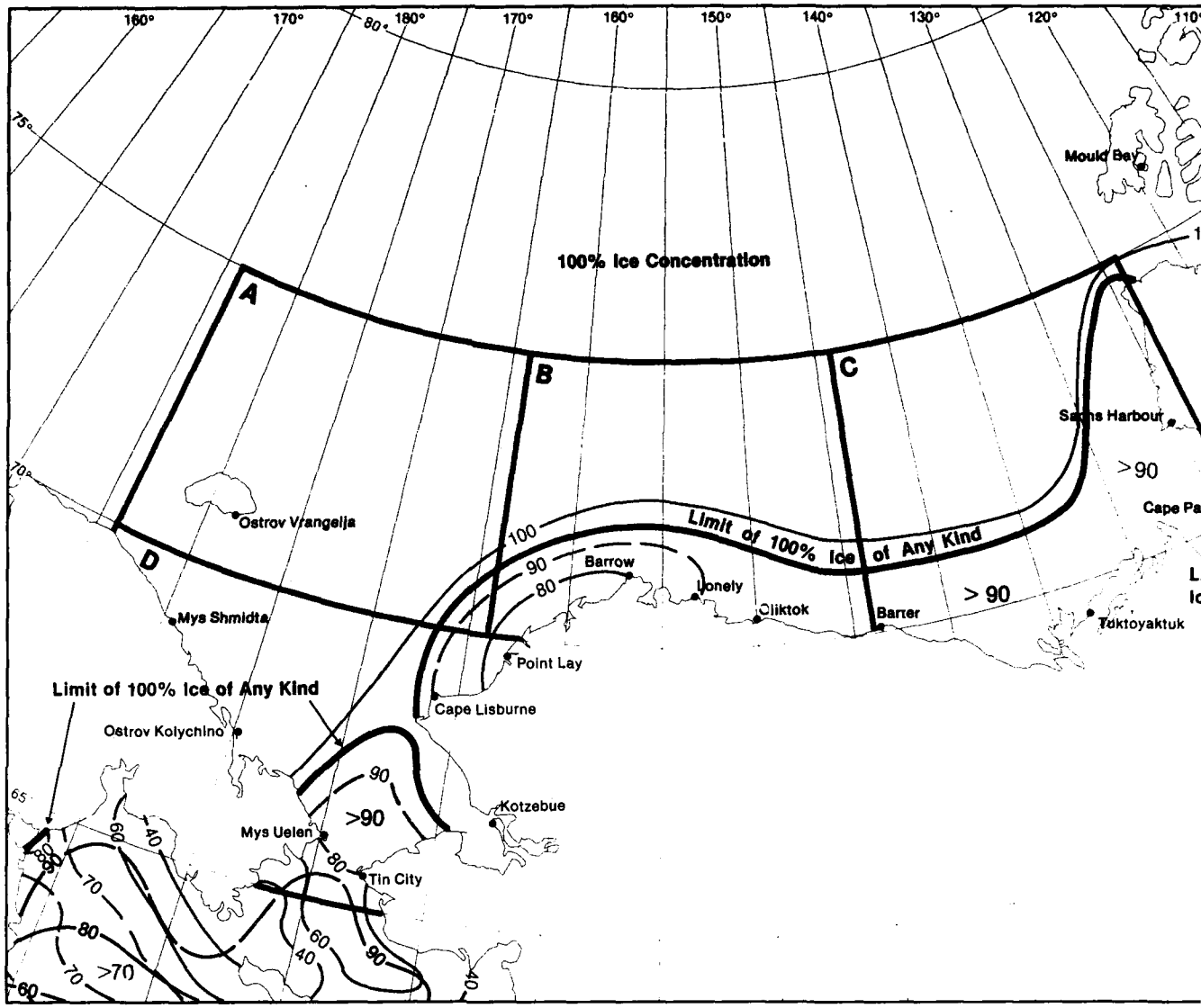


18 Wave Height and Wind S
Wave Height \leq 3 Feet and



18 Wave Height and Wind Speed
Wave Height ≤ 3 Feet and Ice $\geq 5/10$ ths

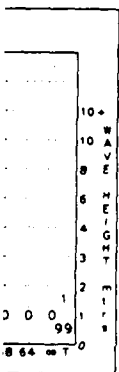
d
e $\geq 5/10$ ths



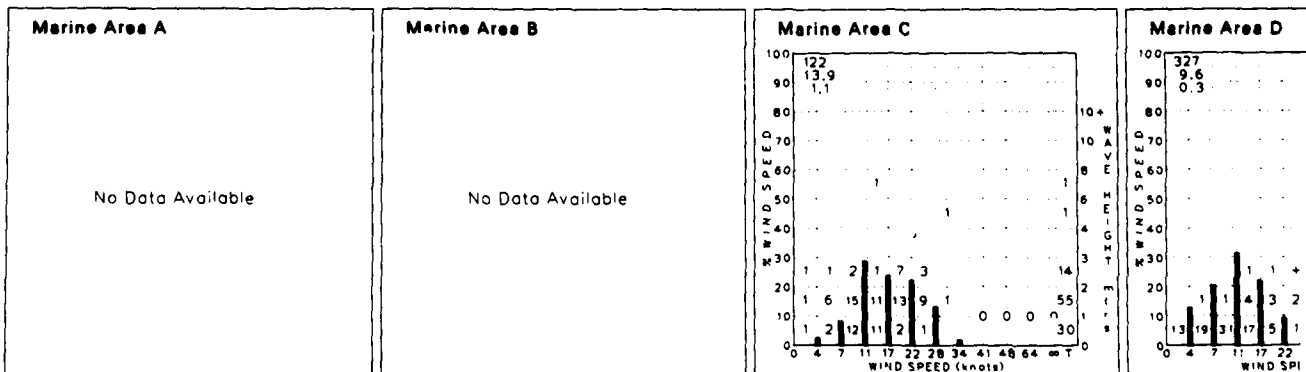
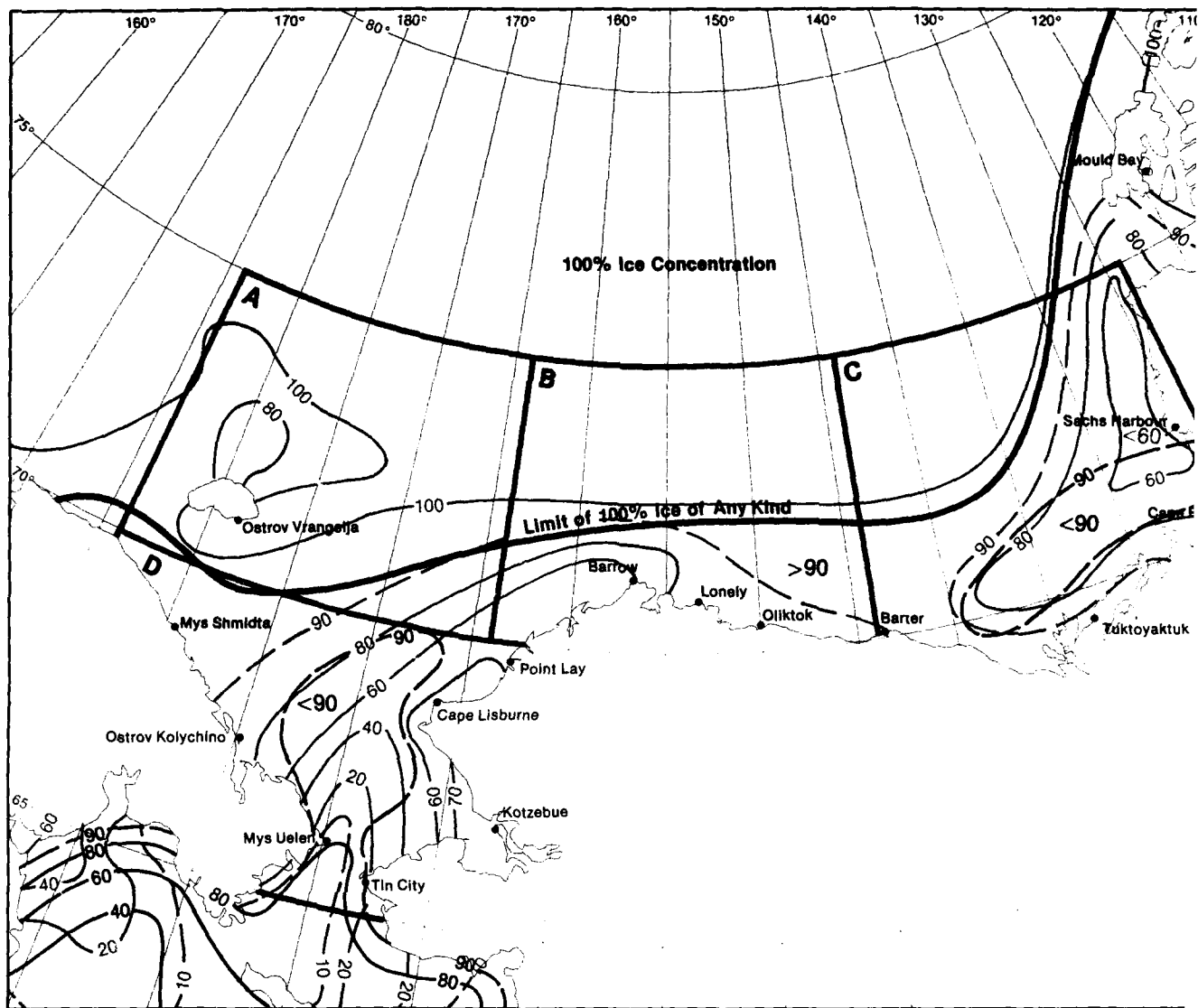
May

18 Wave Height and Wind Spe
Wave Height \leq 3 Feet and I

April

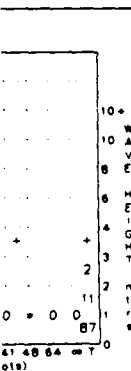
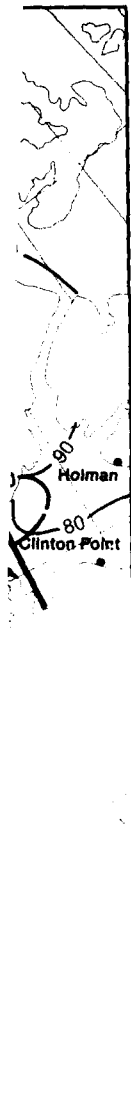


5/10ths



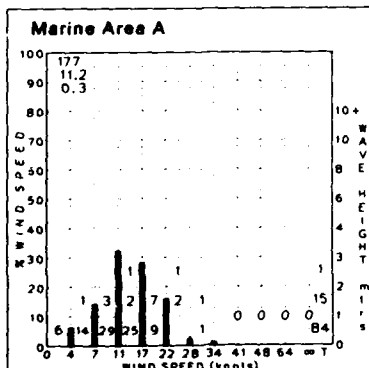
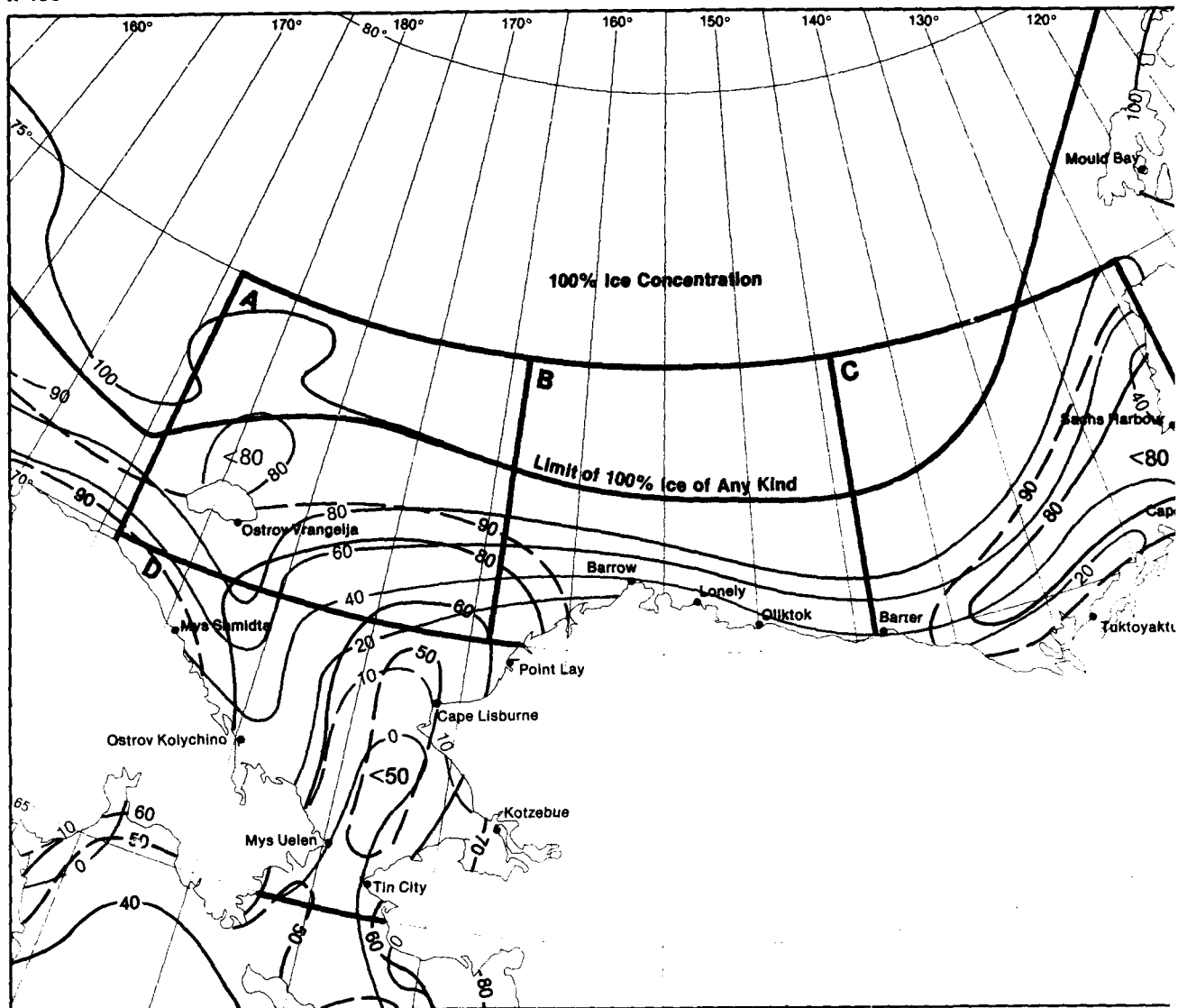
18 Wave Height and Wind Speed
Wave Height ≤ 3 Feet and Ice $\geq 5/10$ ths

II-429

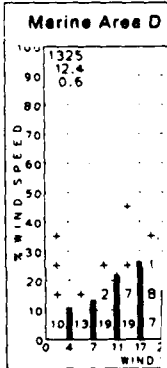
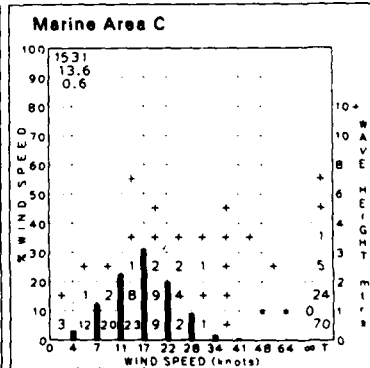
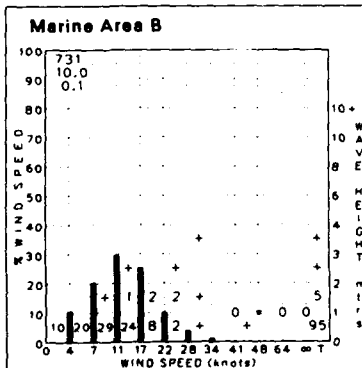


June

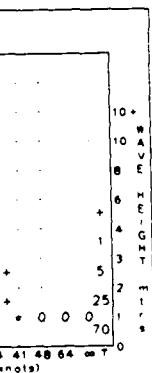
II-430



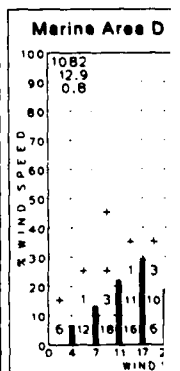
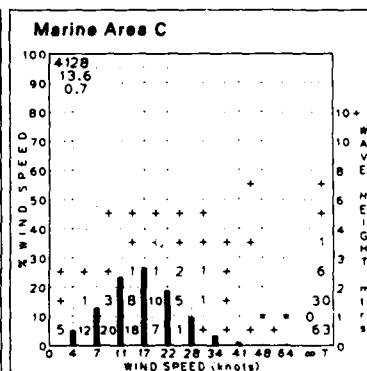
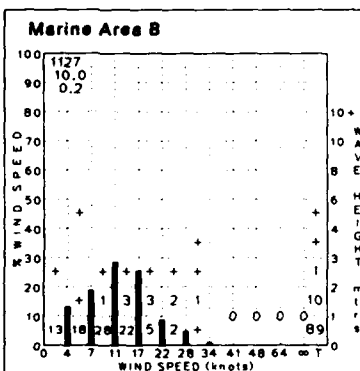
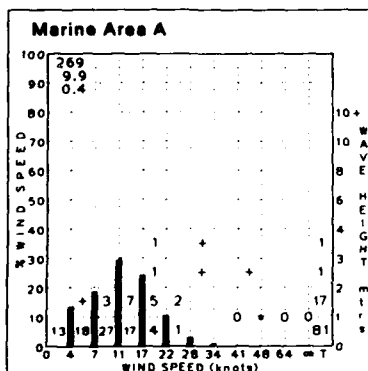
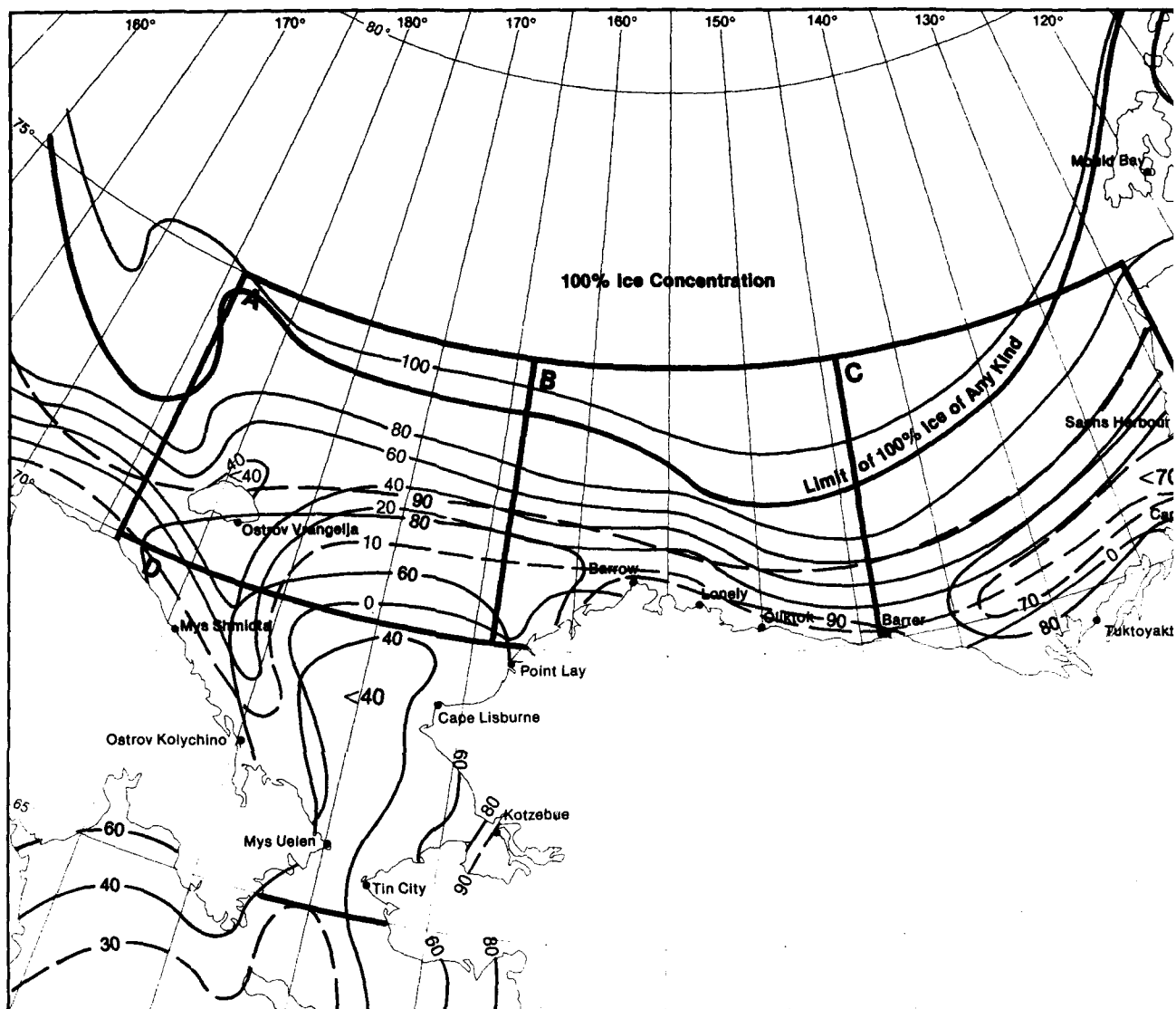
July



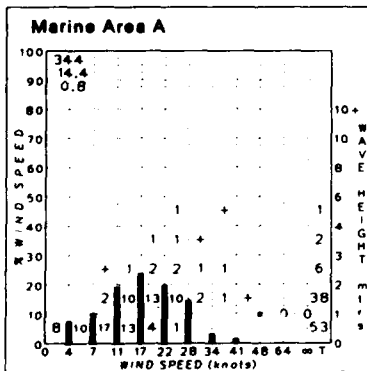
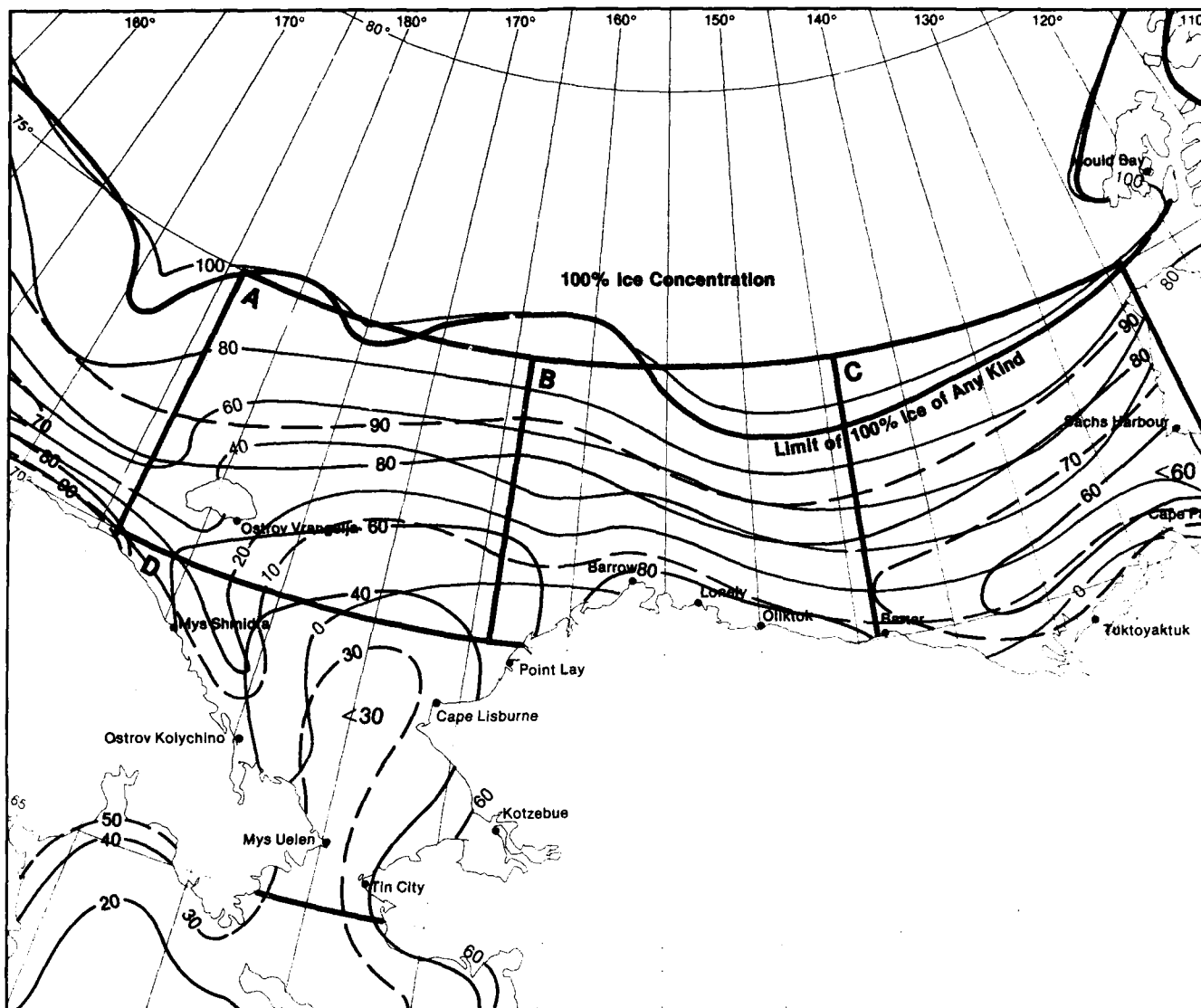
18 Wave Height and Wind
Wave Height \leq 3 Feet a

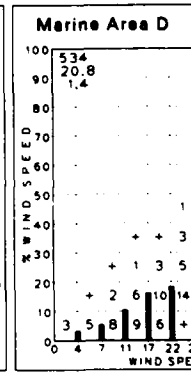
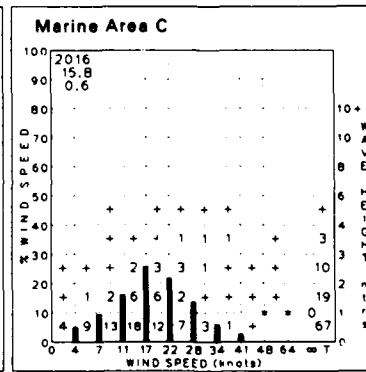
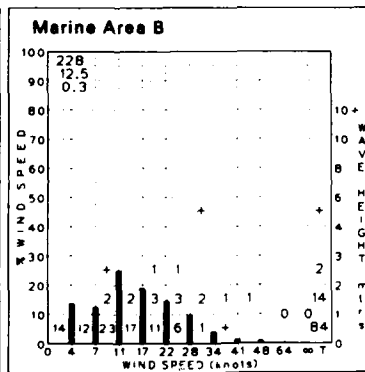
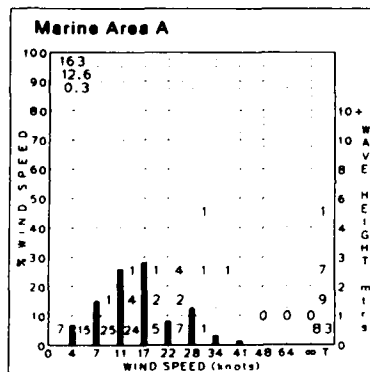
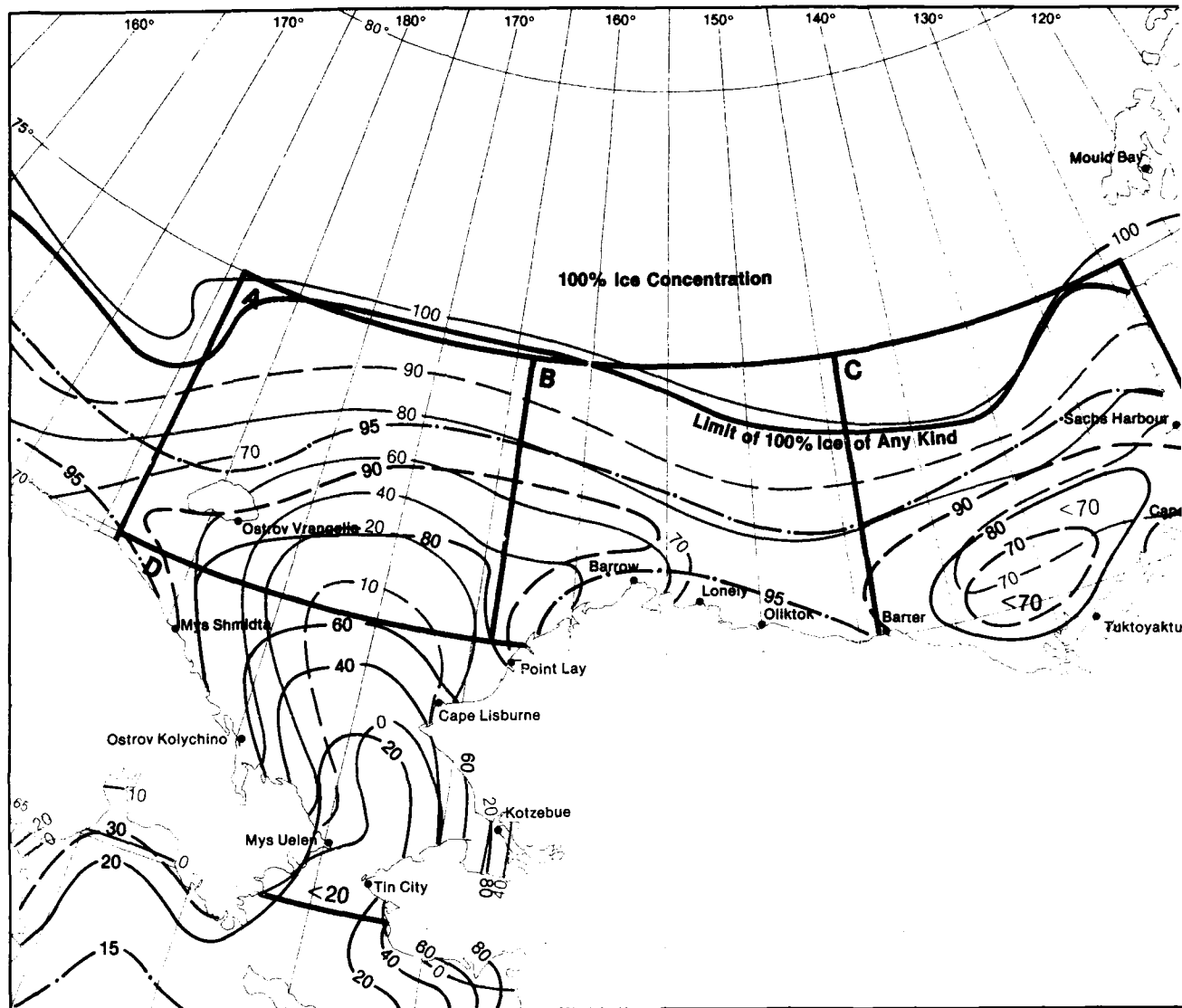
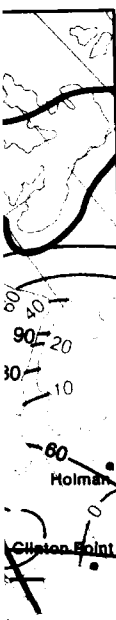


ed
ce $\geq 5/10$ ths



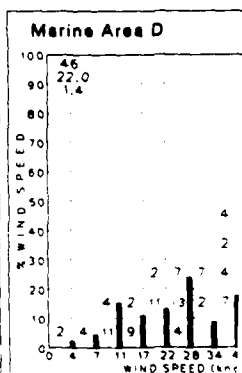
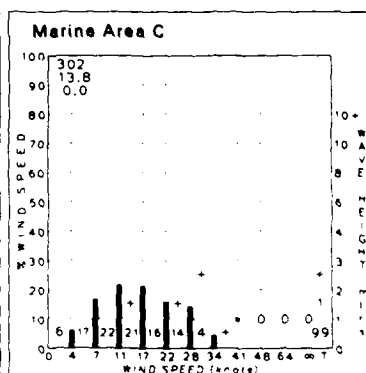
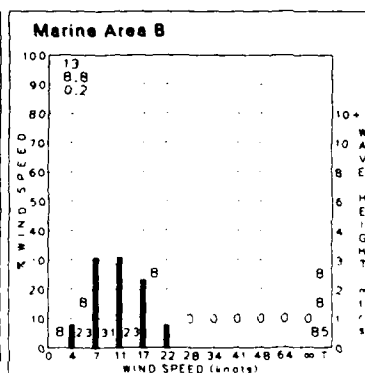
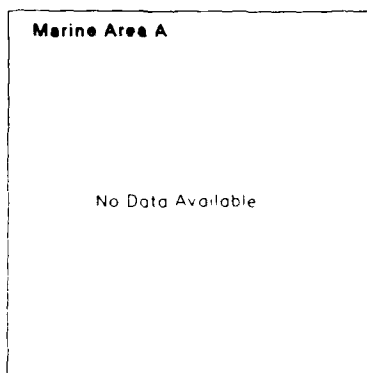
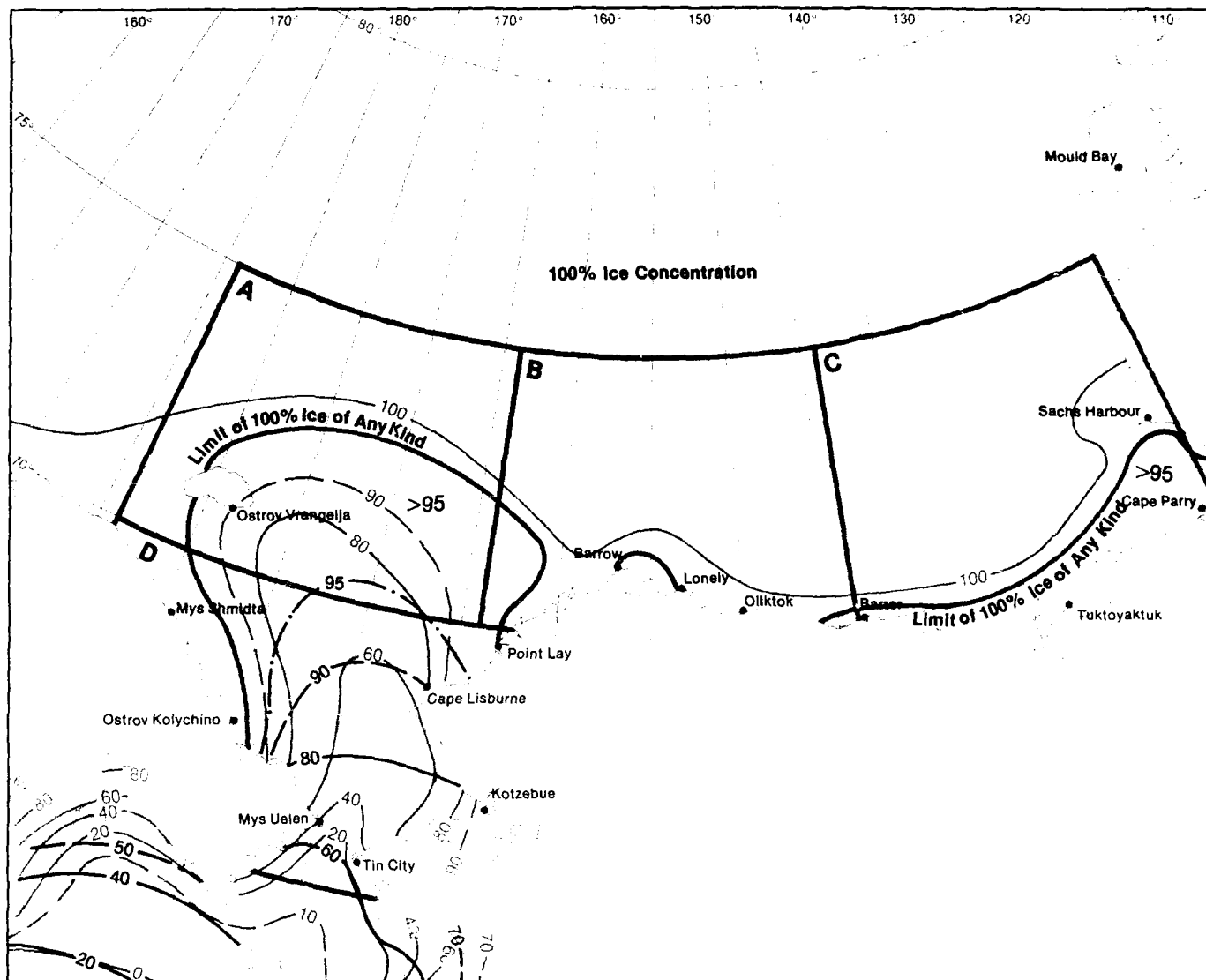
18 Wave Height and Wind Speed
Wave Height ≤ 3 Feet and Ice $\geq 5/10$ ths





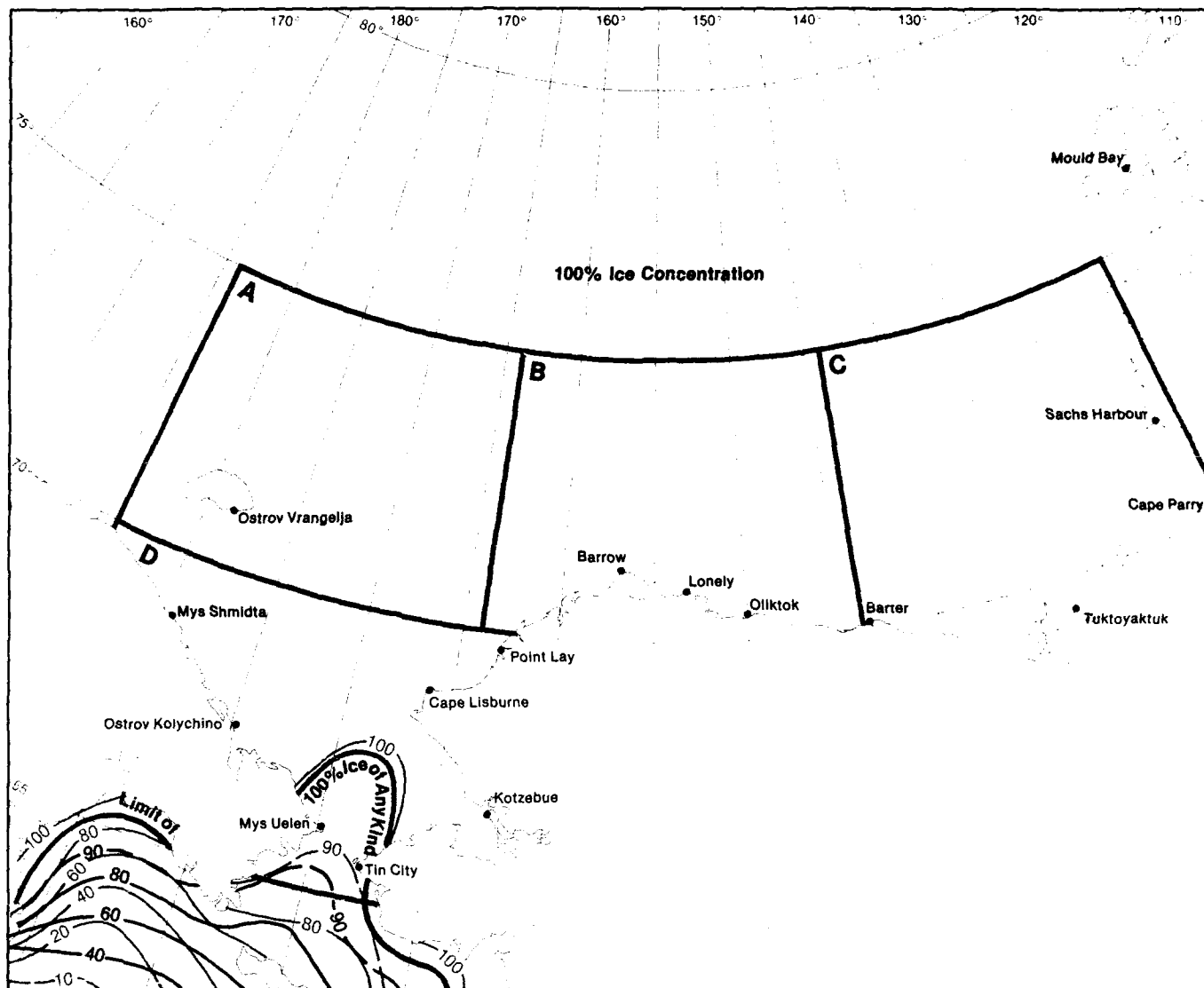
18 Wave Height and Wind Speed
 Wave Height ≤ 3 Feet and Ice $\geq 5/10$ ths

d
 $\geq 5/10$ ths



November

18 Wave Height and Wind Speed
Wave Height \leq 3 Feet and Ice



| Marine Area A | Marine Area B | Marine Area C | Marine Area D |
|-------------------|-------------------|-------------------|-------------------|
| No Data Available | No Data Available | No Data Available | No Data Available |

18 Wave Height and Wind Speed
Wave Height ≤ 3 Feet and Ice $\geq 5/10$ ths

II-435

II-436

Holman

on Point

ember

Map 19. Wave height <8 feet and ice thickness ≥ 8 feet

BLACK LINE – Percent frequency of wave height <8 feet (2.5 meters).

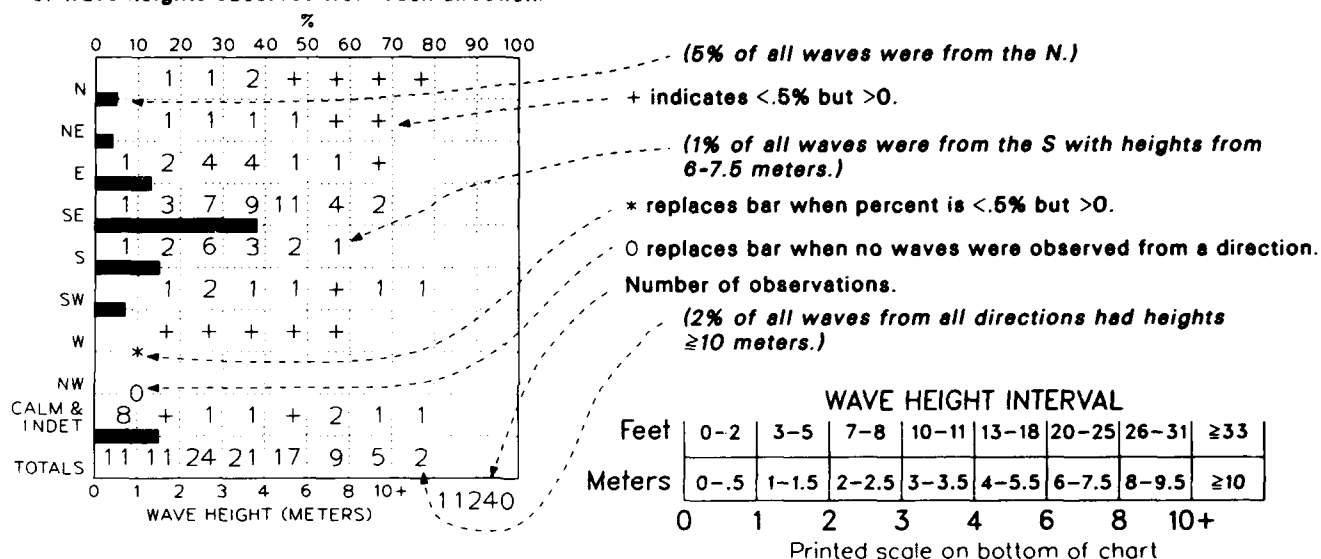
BLUE LINE – Percent frequency of ice thickness ≥ 8 feet (multi-year ice).

Albers Equal-Area Conic Projection

Graphs: Wave height/direction

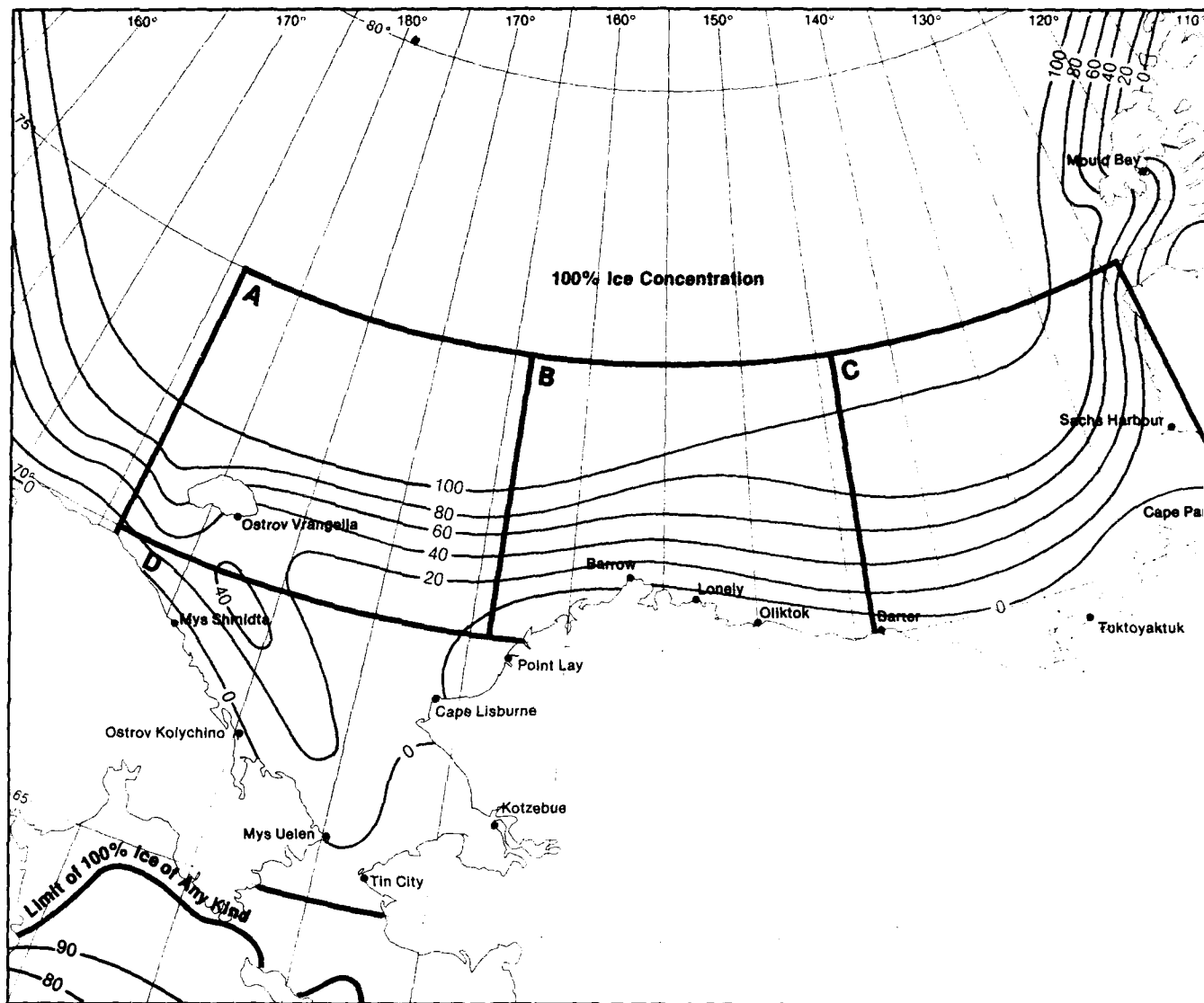
Direction frequency (top scale): Bars represent percent frequency of waves from each direction.

Height frequency (bottom scale): Printed figures represent percent frequency of wave heights observed from each direction.



The observer aboard ship determines and records the period and height of wind waves (sea); and the direction, period, and height of swell waves. Sea waves are waves raised by the local wind and are assumed to have the same direction as the wind. Swell waves are waves not raised by the local wind, but rather by distant wind systems or by winds that have since blown. Swell waves characteristically exhibit more regular and longer periods, and have flatter crests than wind waves. Sea and swell waves occur singly or in manifold combination from which they can sometimes be separated only with difficulty.

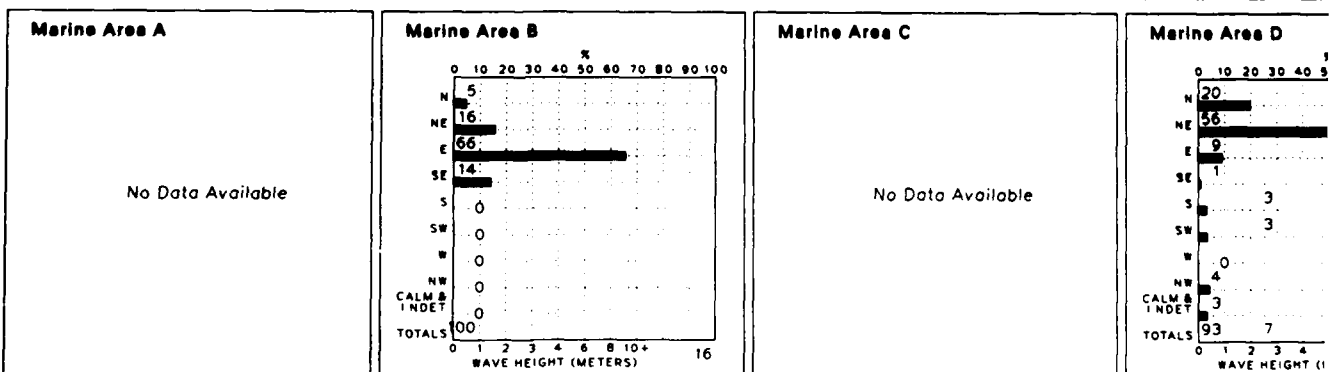
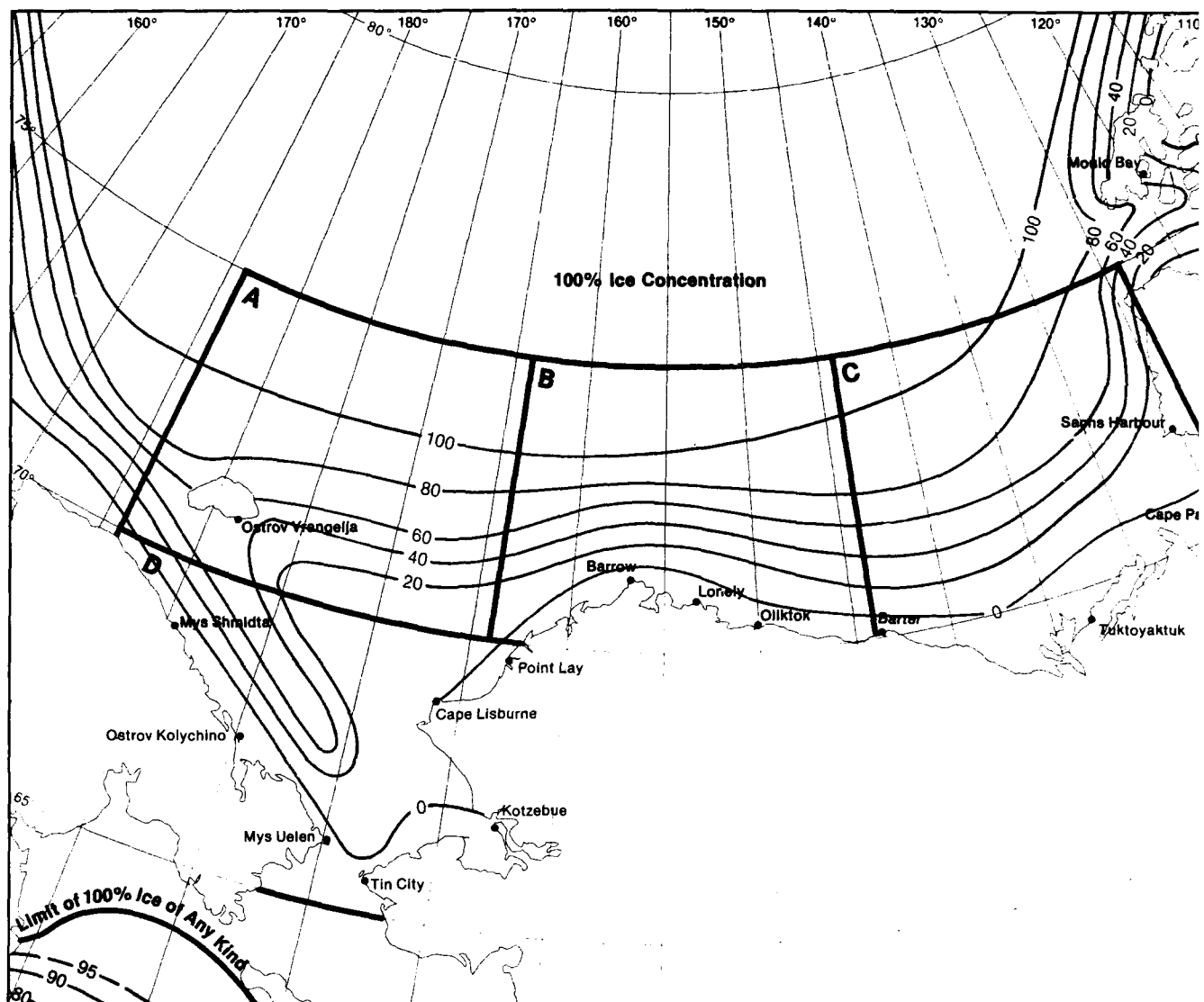
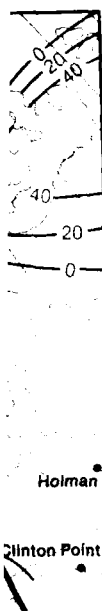
Indeterminate directions are combined with calms in the direction scale of the graph (they can be distinguished by the sea height scale). The number of observations noted on the graphs is from the higher of sea or swell when reported; if the heights were equal, then the one with the longer period was selected. If only one wave was reported (sea or swell), then that value was used. Refer to the texts of Sets 14 and 18-21 for complete information on waves, and to the introductory section of Section II for sea ice information.



| Marine Area A | Marine Area B | Marine Area C | Marine Area D |
|-------------------|-------------------|-------------------|---------------|
| No Data Available | No Data Available | No Data Available | No Data |

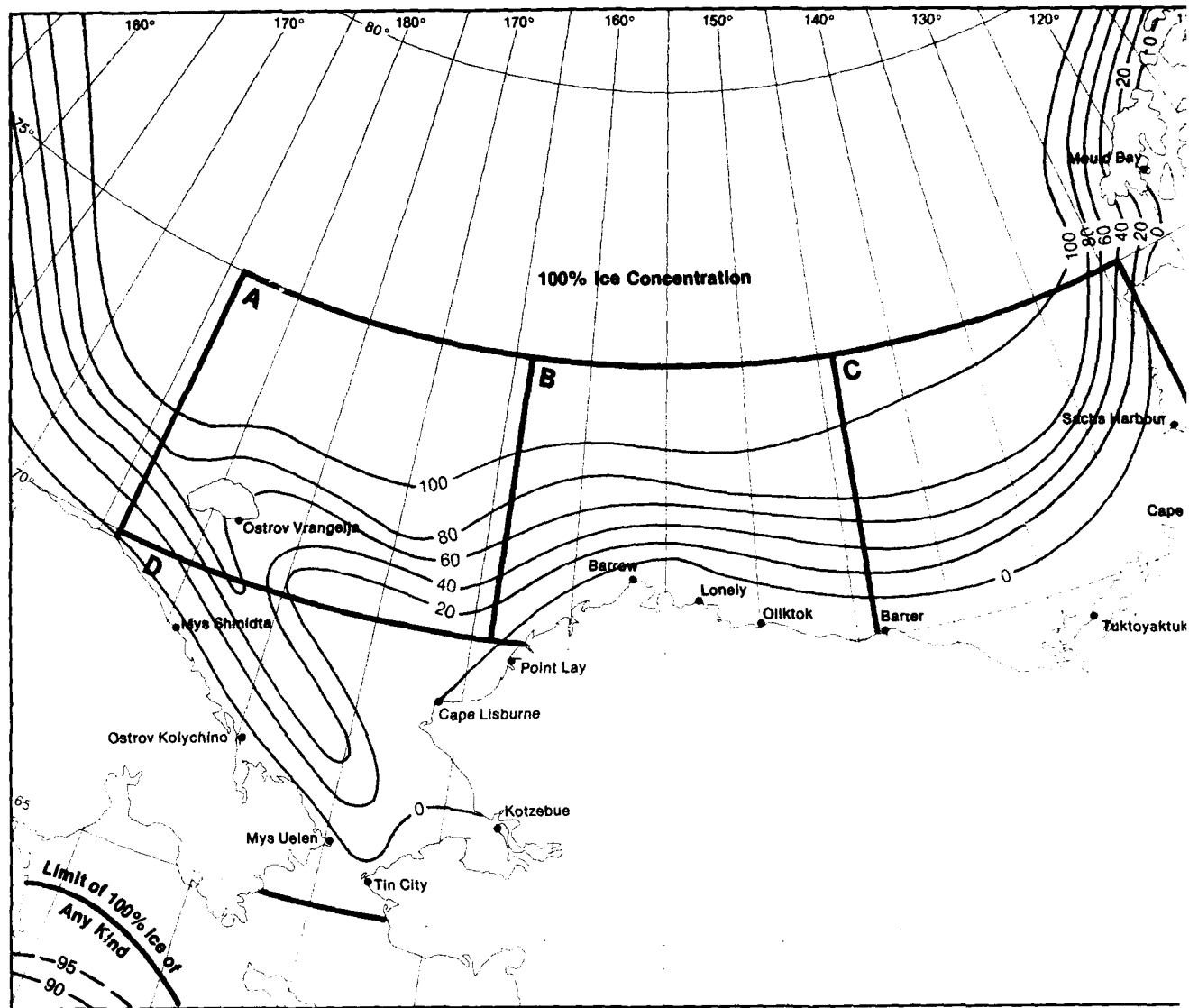
January

19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thick

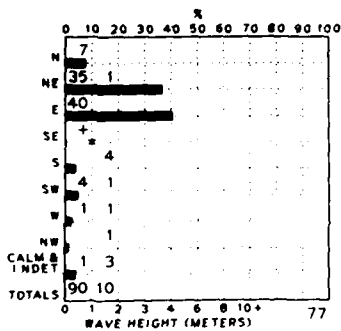


19 Wave Height and Direction

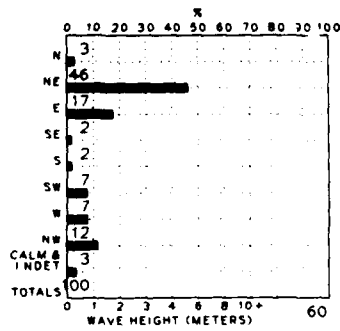
Wave Height < 8 Feet and Ice Thickness \geq 8 Feet



Marine Area A



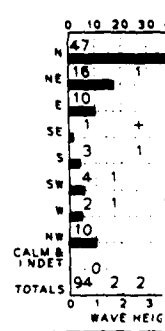
Marine Area B



Marine Area C

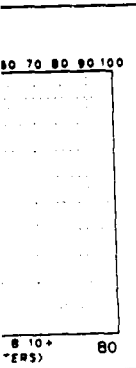
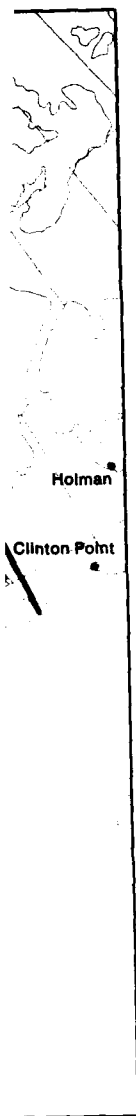
No Data Available

Marine Area D

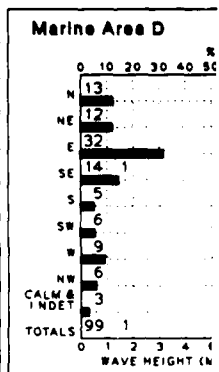
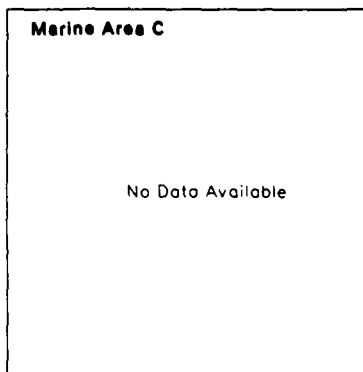
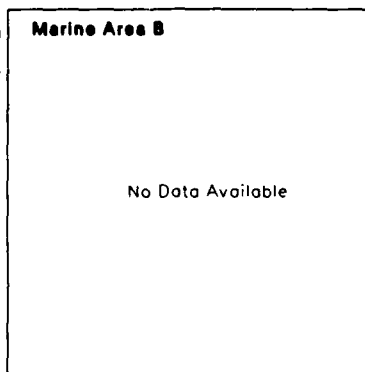
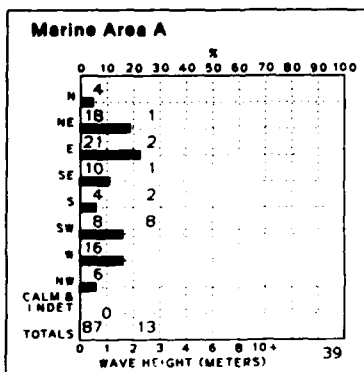
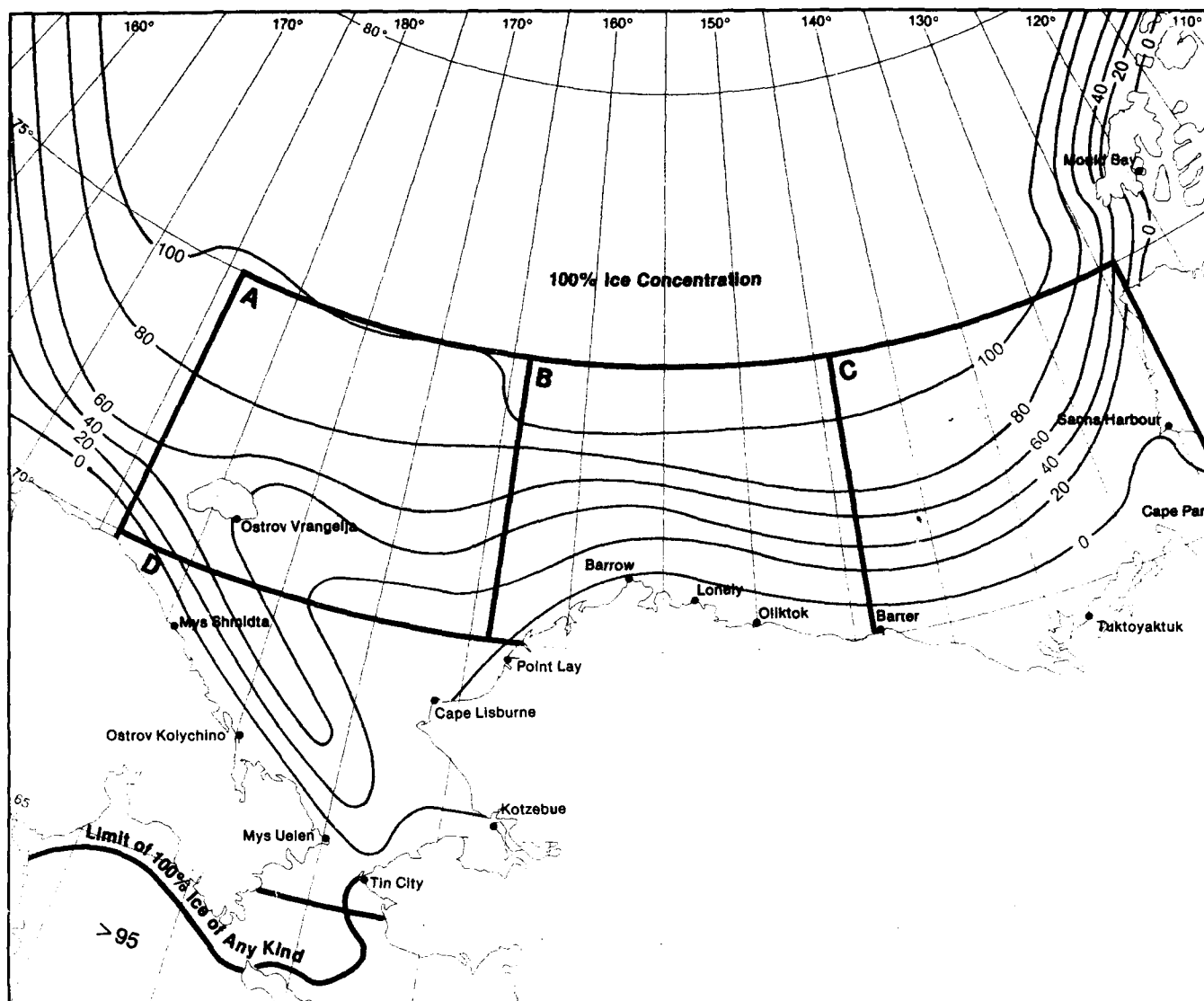


March

19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thick



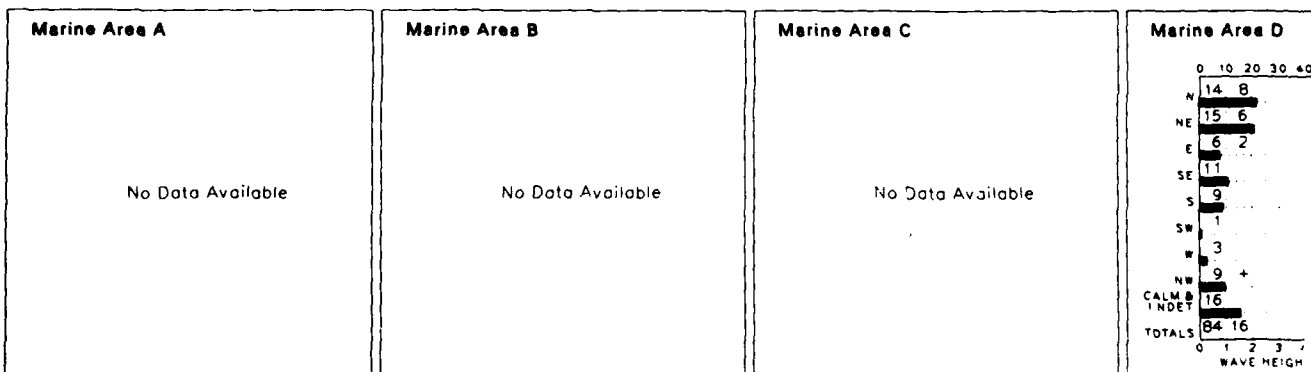
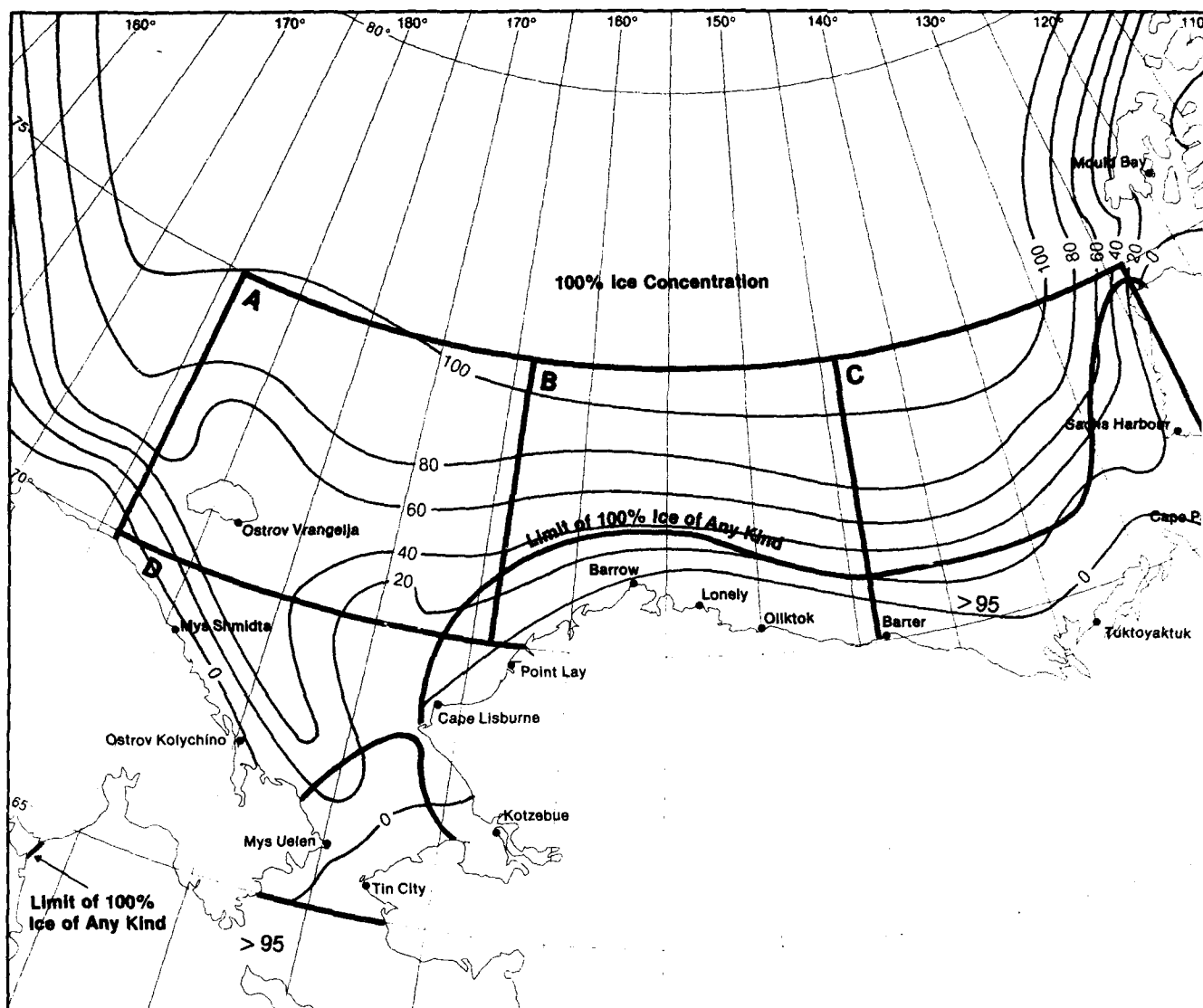
ss ≥ 8 Feet



19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thickness ≥ 8 Feet

II-441

II-442



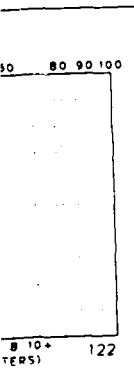
May

19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thic

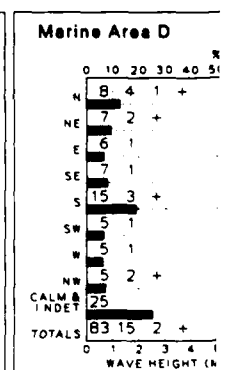
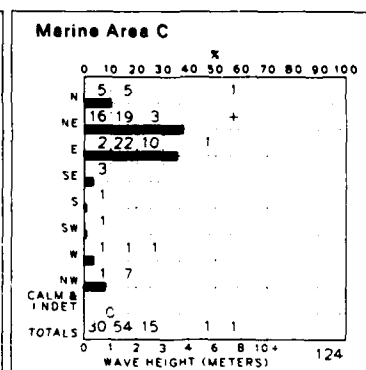
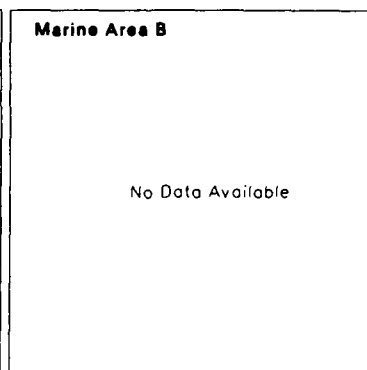
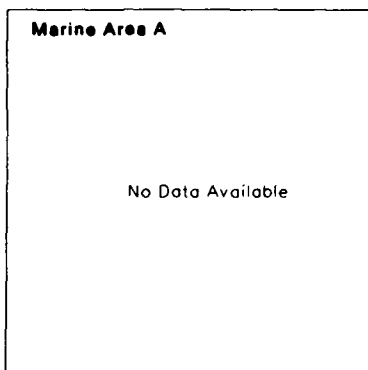
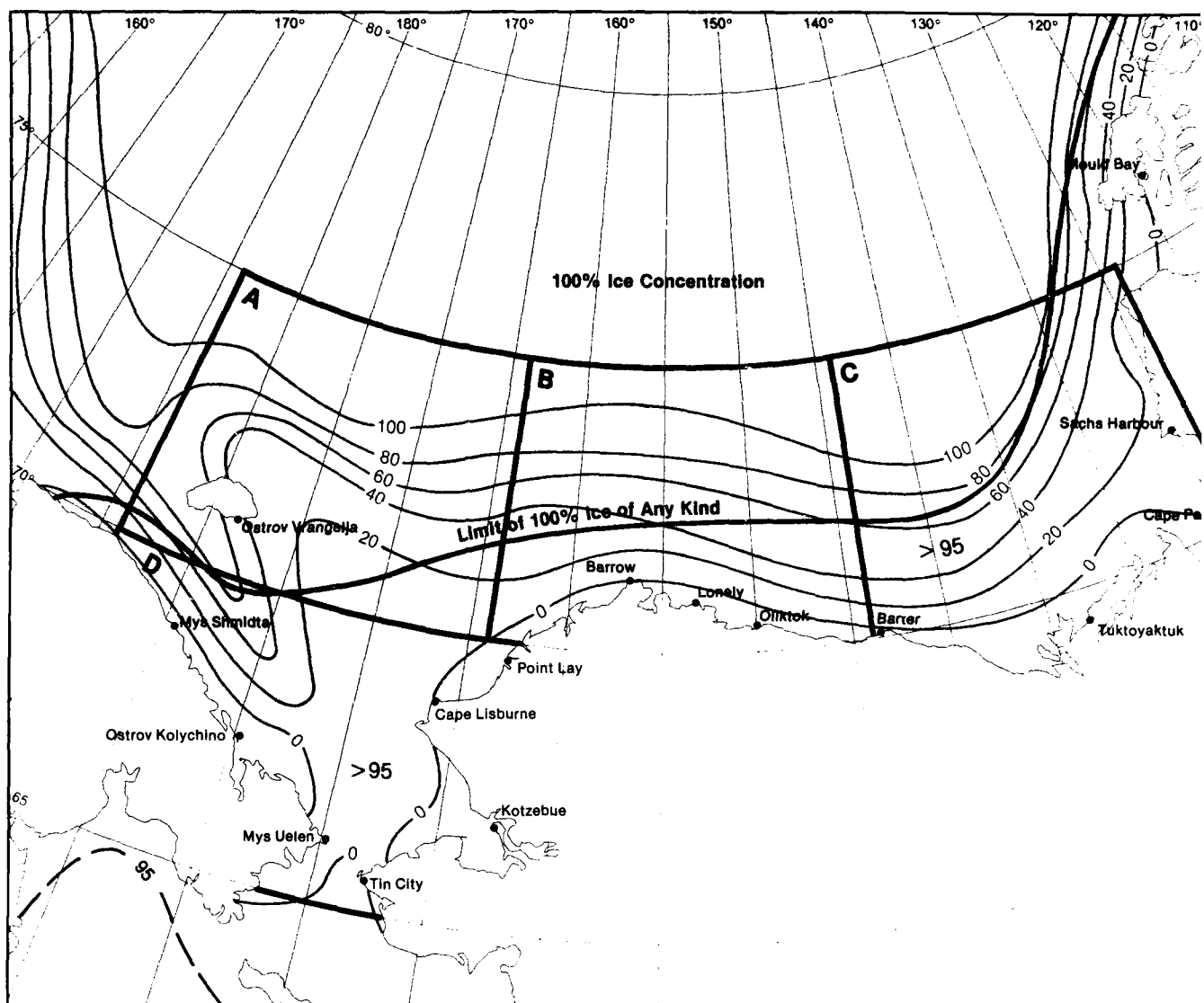
0 20 40 60 80 100

April

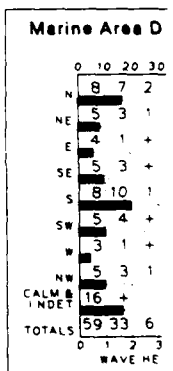
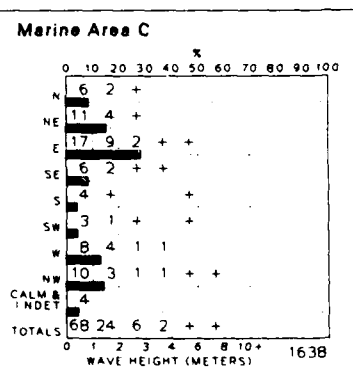
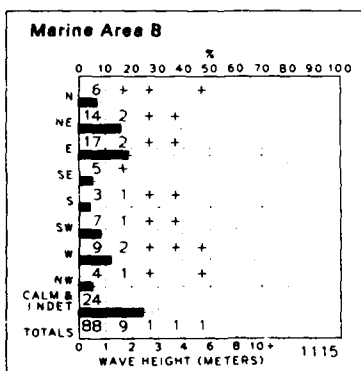
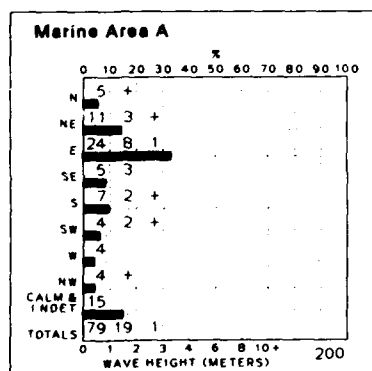
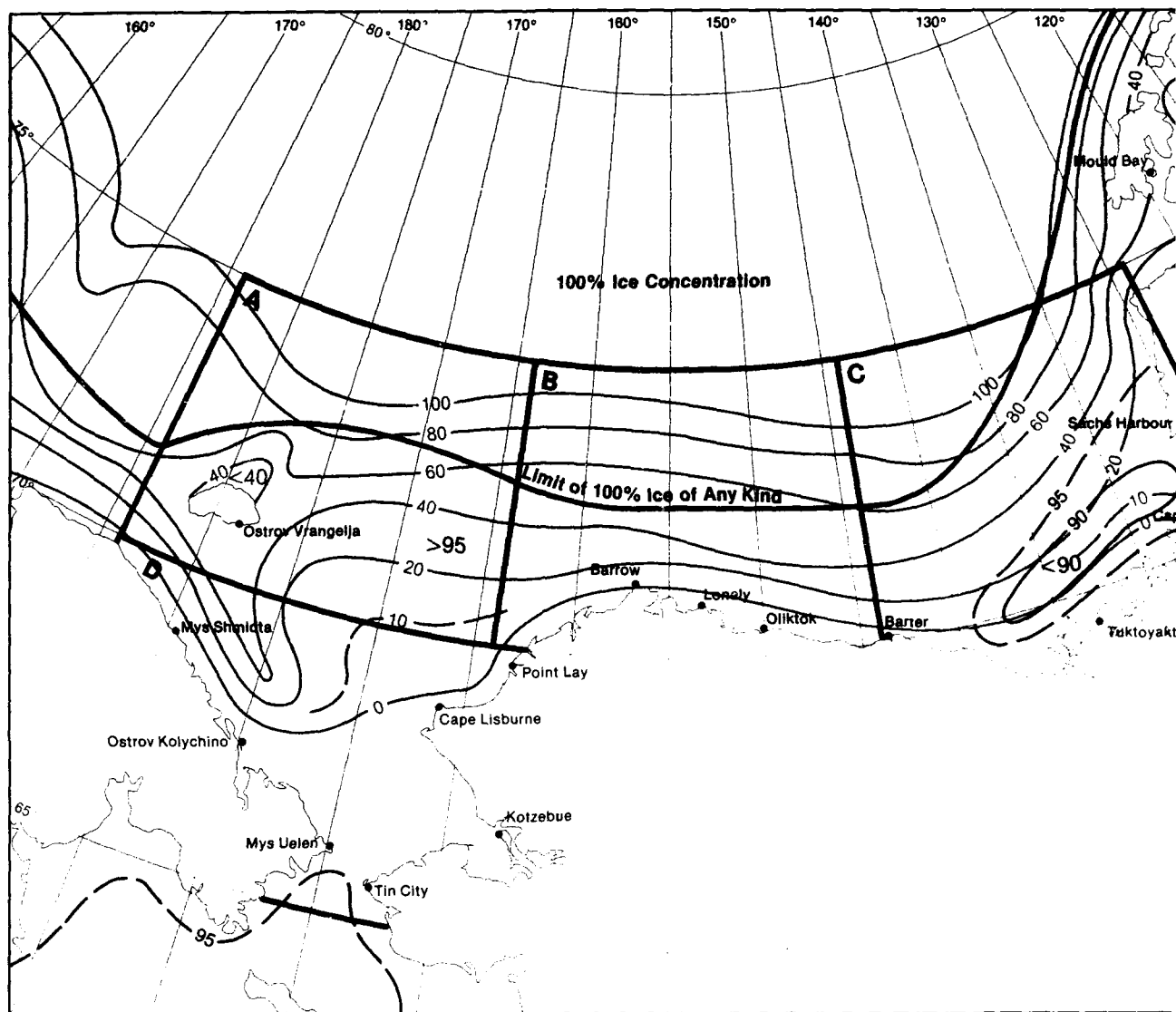
98



ss \geq 8 Feet

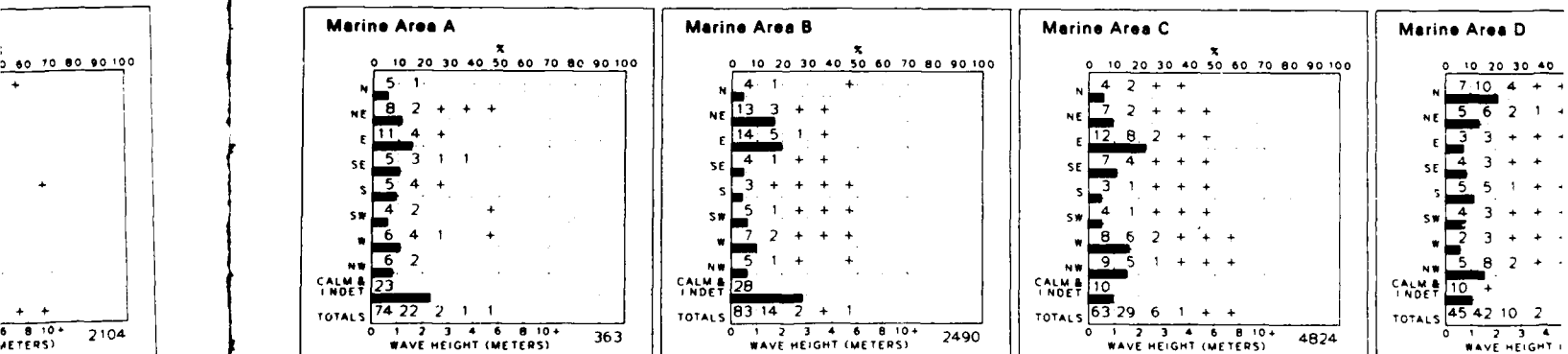


19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thickness \geq 8 Feet



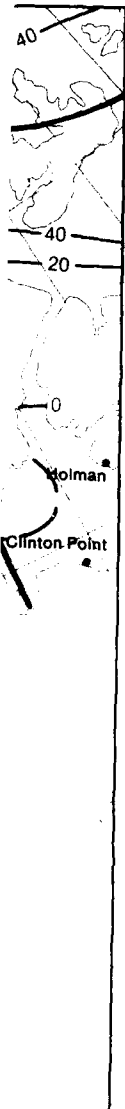
July

19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thi



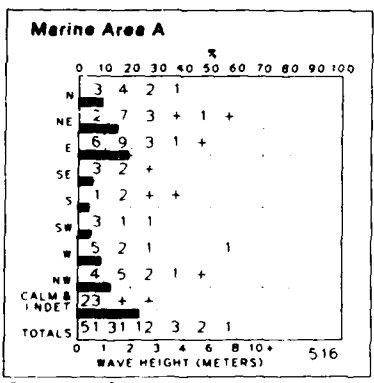
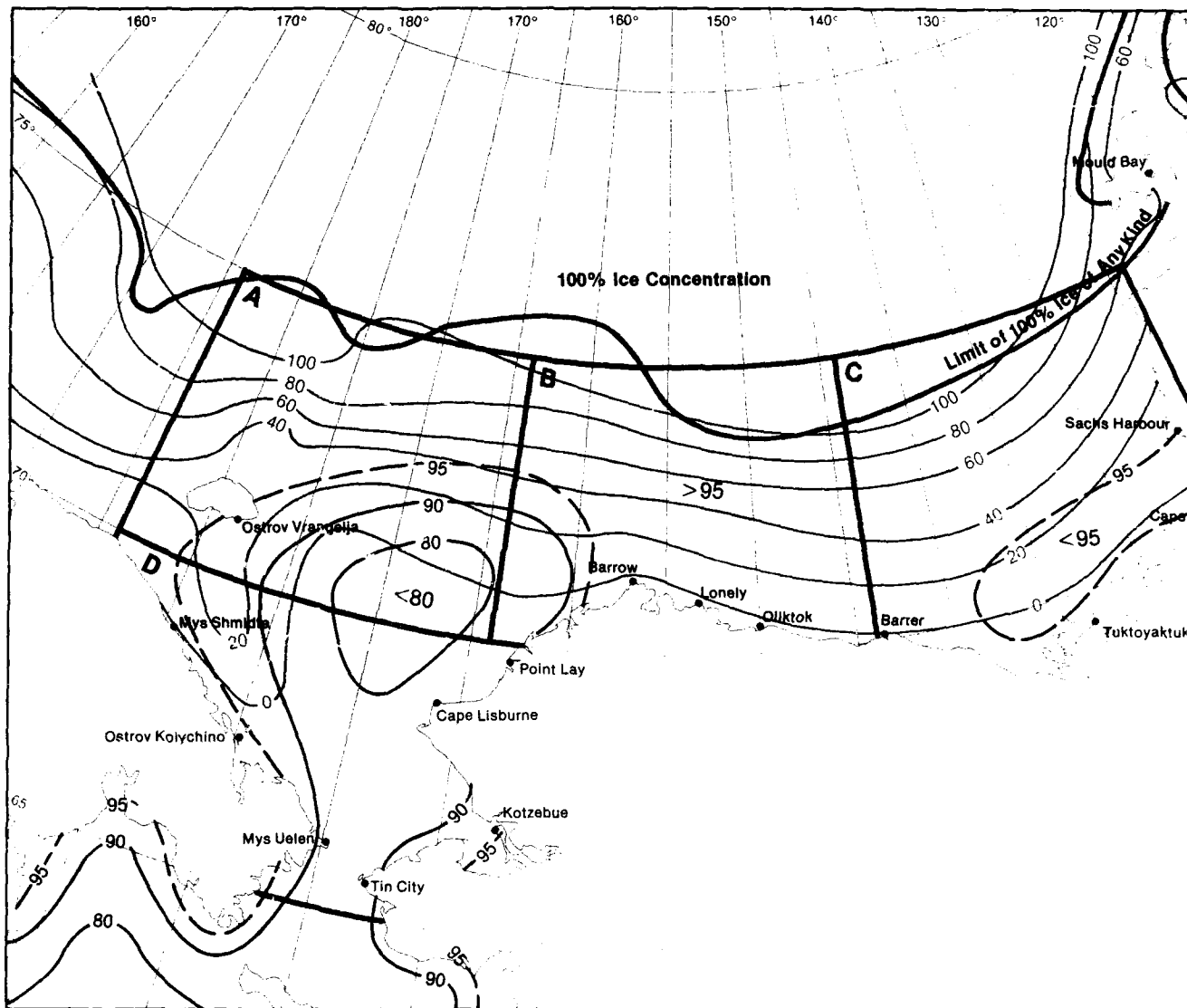
19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thickness ≥ 8 Feet

II-445

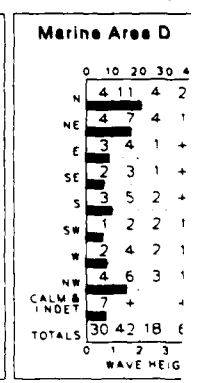
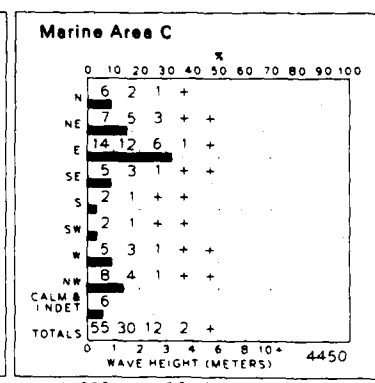
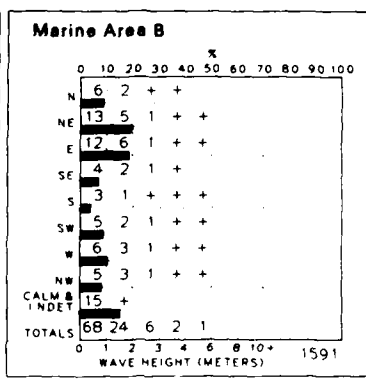


August

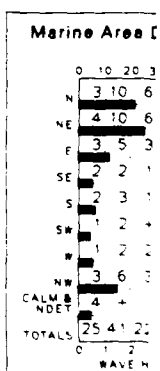
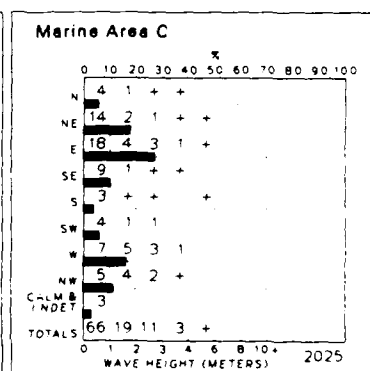
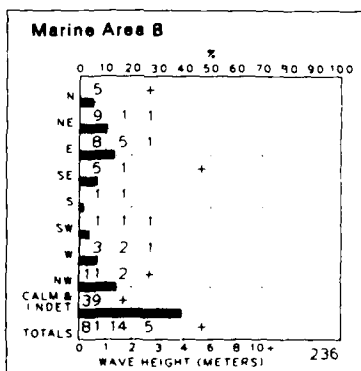
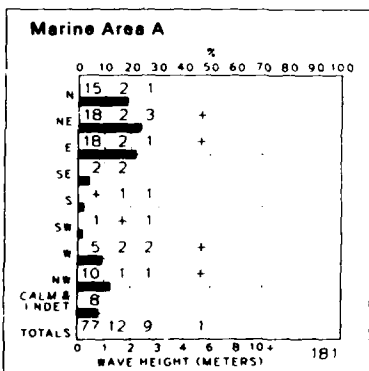
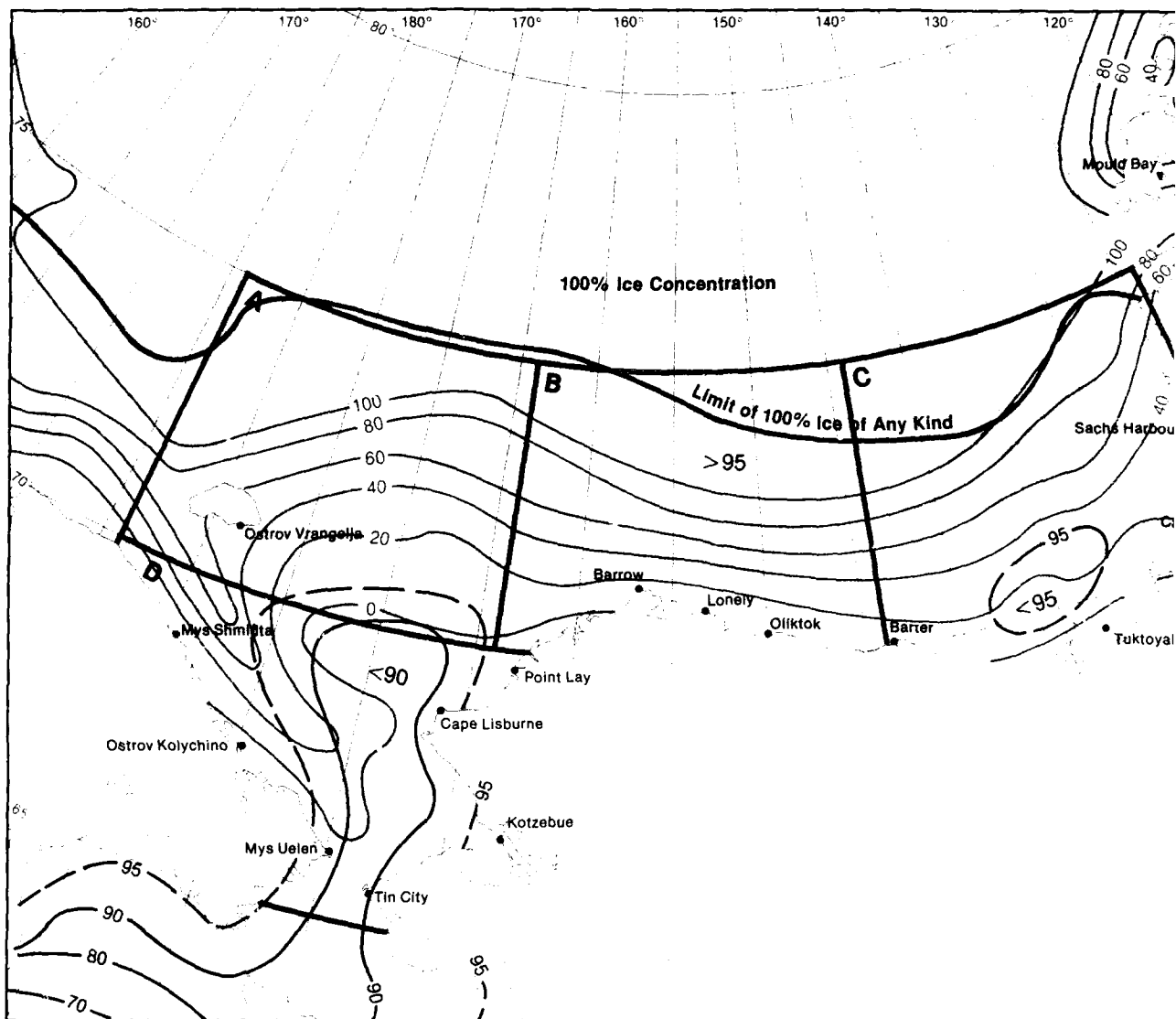
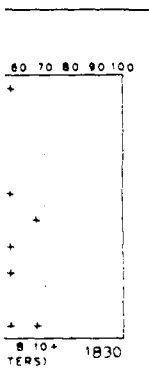
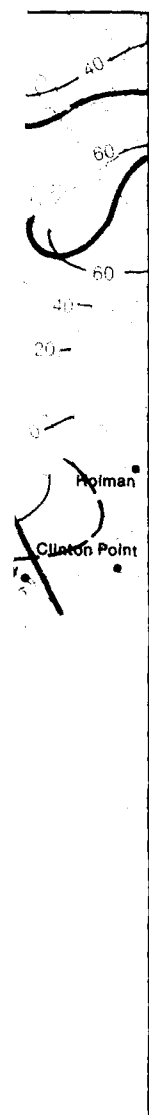
II-446



September

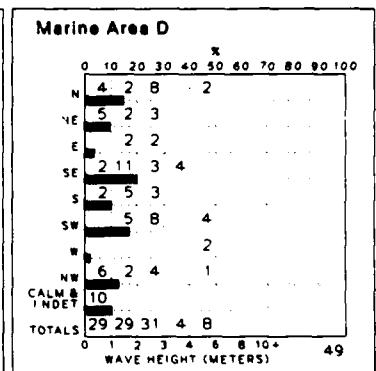
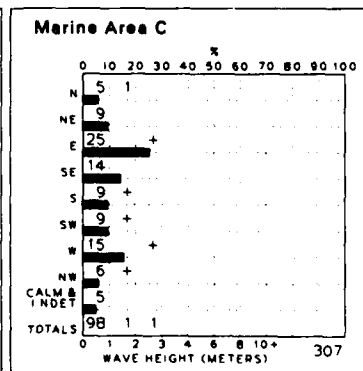
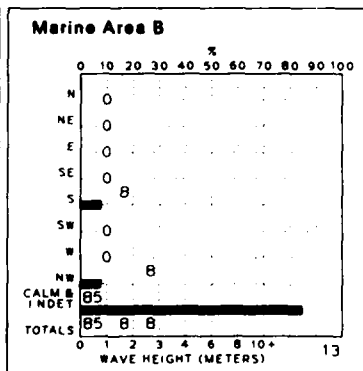
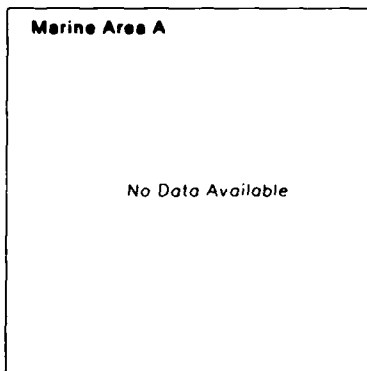
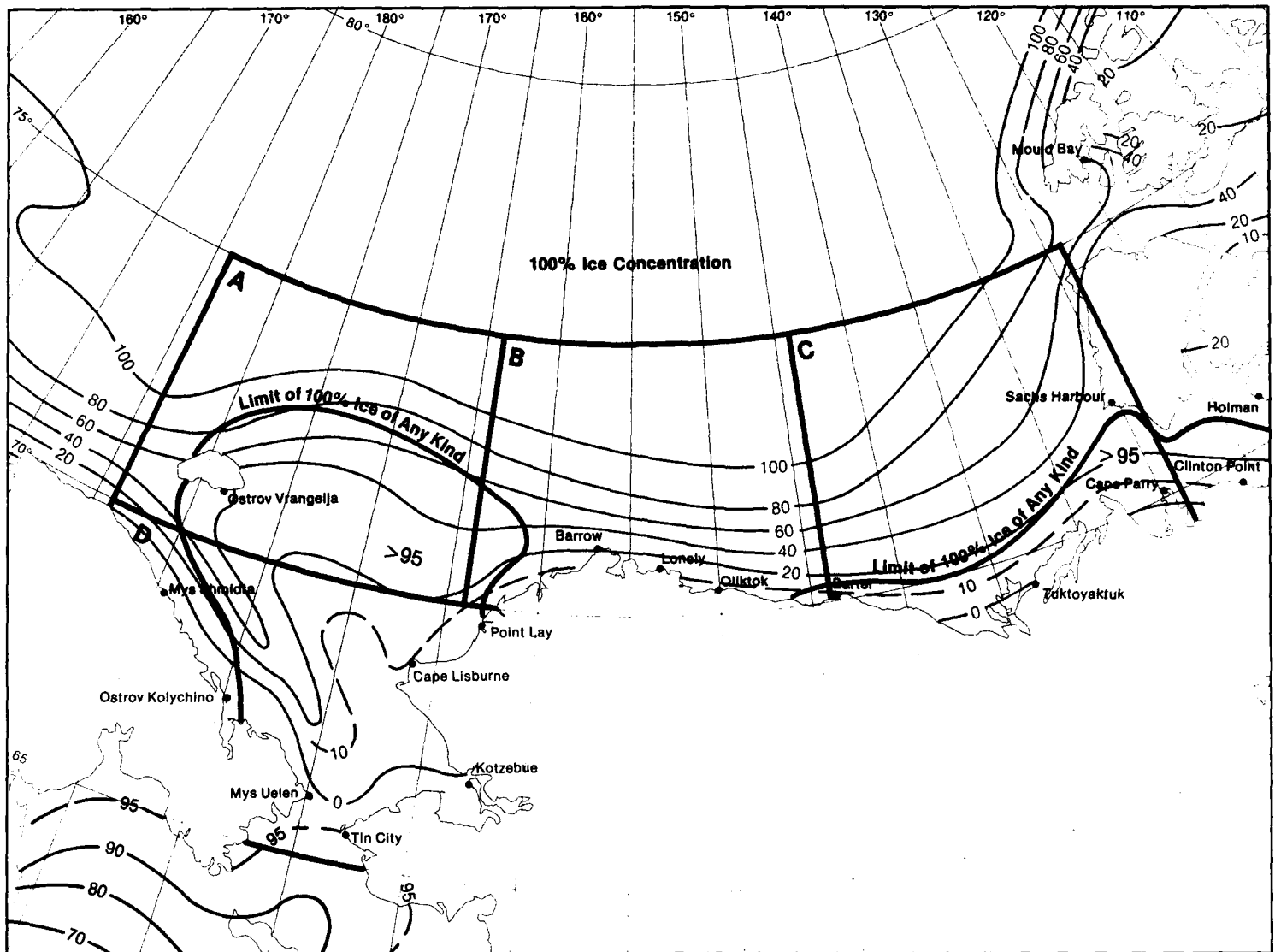


19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thic



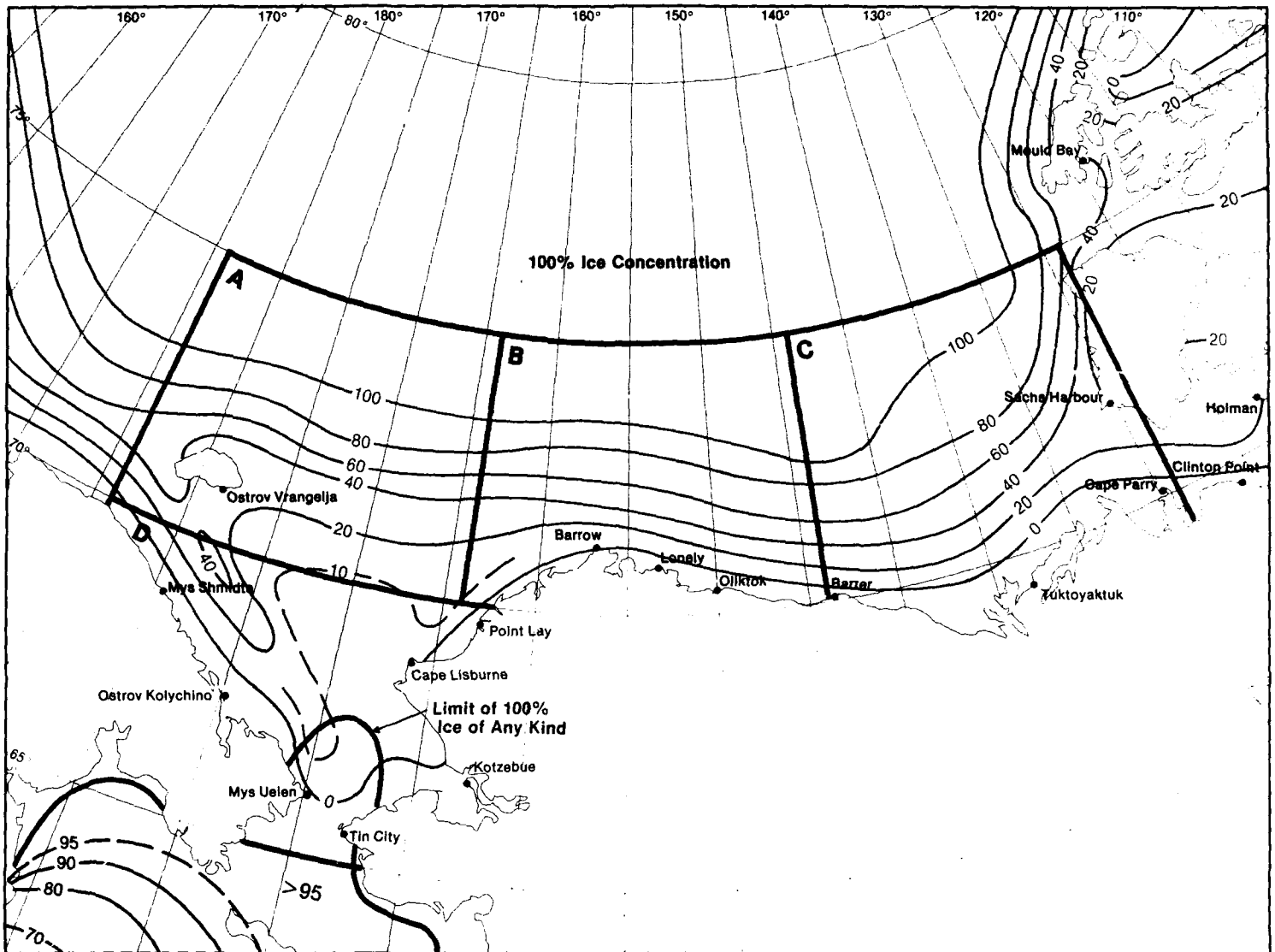
ss \geq 8 Feet

19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thickness \geq 8 Feet



November

19 Wave Height and Direction
Wave Height < 8 Feet and Ice Thickness \geq 8 Feet



| Marine Area A | Marine Area B | Marine Area C | Marine Area D |
|-------------------|-------------------|-------------------|-------------------|
| No Data Available | No Data Available | No Data Available | No Data Available |

19 Wave Height and Direction
Wave Height <8 Feet and Ice Thickness \geq 8 Feet

December

II-450

Map 20. Wave height ≥ 12 and ≥ 20 feet

BLACK LINE – Percent frequency of wave height ≥ 12 feet (≥ 3.5 meters).

BLUE LINE – Percent frequency of wave height ≥ 20 feet (≥ 6 meters).

Albers Equal-Area Conic Projection

Graphs: Wave height/period

Percent frequency of occurrence of wave period and height.

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 21 | 3 | 1 | + | + | + | 6 |
| 1-1.5 | 22 | 16 | 6 | 2 | 1 | + | + |
| 2-2.5 | 3 | 6 | 4 | 3 | 1 | + | + |
| 3-3.5 | + | 1 | 1 | 1 | 1 | + | + |
| 4-5.5 | + | + | + | + | + | + | 0 |
| 6-7.5 | 0 | + | + | 0 | 0 | + | 0 |
| 8-9.5 | 0 | 0 | 0 | + | 0 | 0 | 0 |
| ≥ 10 | 0 | 0 | 0 | 0 | 0 | + | 0 |

+ indicates $<.5\%$ but >0 .

(2% of observed waves had a height of 1-1.5 meters and a period of 10-11 seconds.)

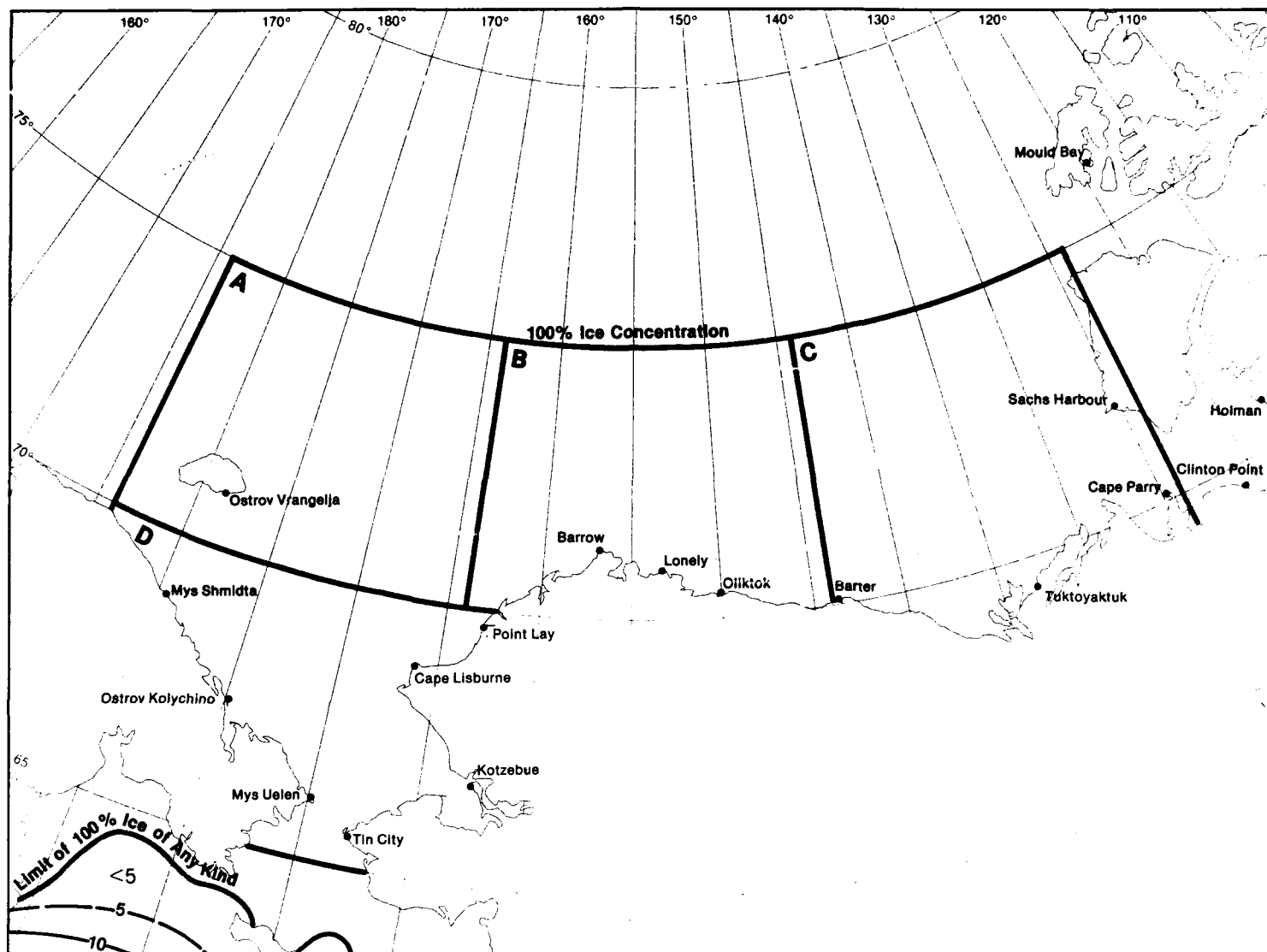
Number of observations.

Waves are selected on the basis of the higher of sea and swell when both are reported. If both heights are equal, the wave with the longer period is selected.

4010

Wave period is the interval in seconds between the passage of two successive crests or troughs of well-formed waves past a fixed point. Waves in the same system usually occur in a sequence of a few large, well-formed waves followed by an interval in which only small and poorly-formed waves occur, and another series of well-formed waves, etc. Observers aboard ship determine the values of wave height, period, and direction generally using only the well-formed waves and ignoring poorly-formed waves. To describe a similar sea state from a measured wave record, a statistical approach is used to describe the significant wave height ($\bar{H} 1/3$) which is the average of the highest one-third of the measured waves. This roughly approximates the characteristic height observed visually from aboard ship. To determine the period of wind waves or swell, the observer needs only to select a distinctive patch of foam or a small floating object at some distance from the ship. As the object falls astern, a new one is selected. The elapsed time is determined to the nearest second between the instant when the object is on the crest of the first and of the last well-formed wave in the group. Noting the number of crests that pass under the object during the interval permits computation of the average period. An experienced observer needs only to observe a few representative wave "sets" to derive the average period.

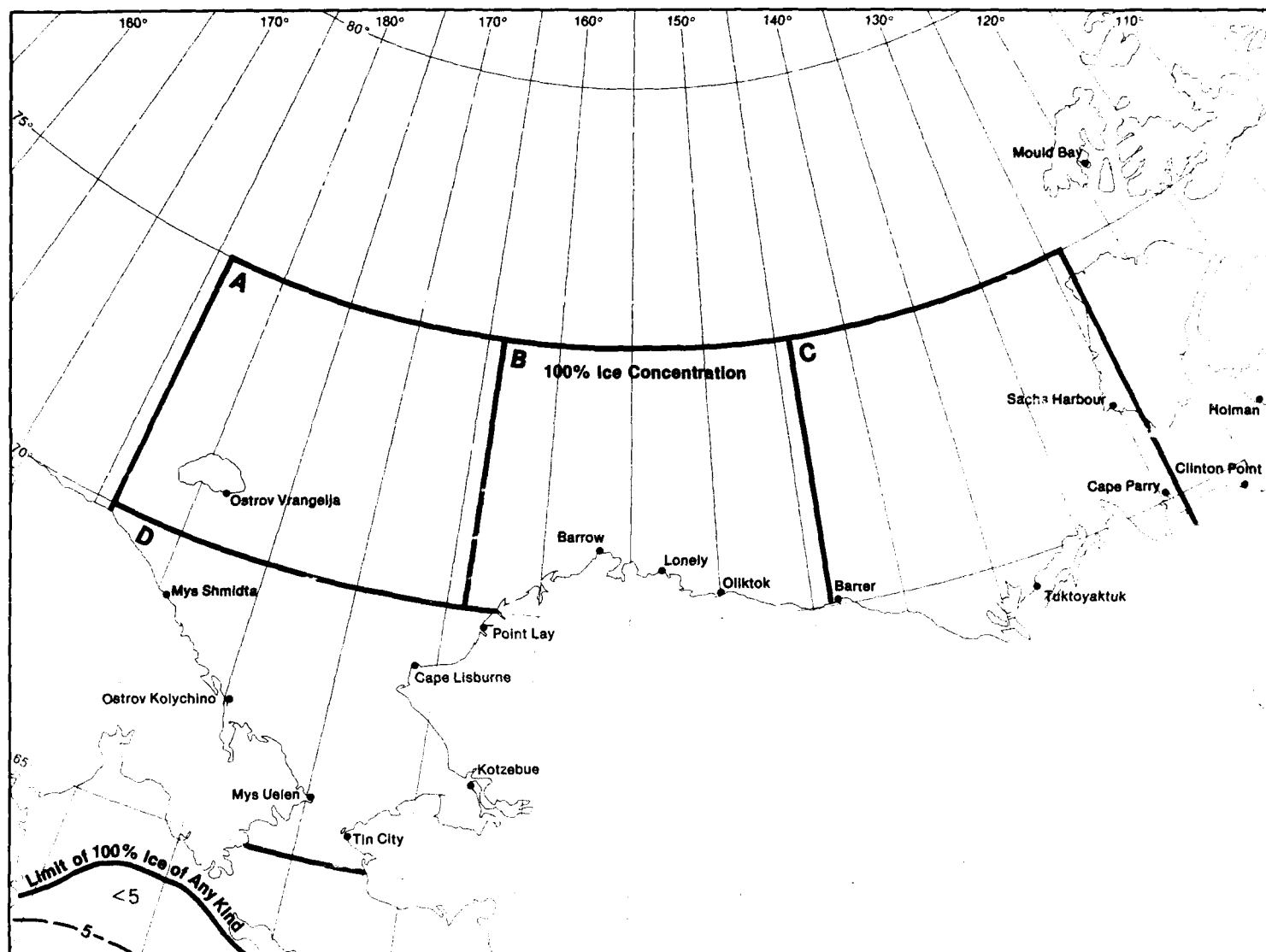
The number of observations noted on the graphs is that of those observations reporting both wave height and period. The wave height isopleth presentations are for a generally hazardous sea condition (wave heights equal to or greater than 12 feet). Refer to the texts of Sets 14 and 18-21 for complete information on waves.



| Marine Area A | Marine Area B | Marine Area C | Marine Area D |
|-------------------|-------------------|-------------------|-------------------|
| No Data Available | No Data Available | No Data Available | No Data Available |

January

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet



Marine Area A

No Data Available

Marine Area B

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 13 | | | | | | 88 |
| 1-1.5 | | | | | | | |
| 2-2.5 | | | | | | | |
| 3-3.5 | | | | | | | |
| 4-5.5 | | | | | | | |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

16

Marine Area C

No Data Available

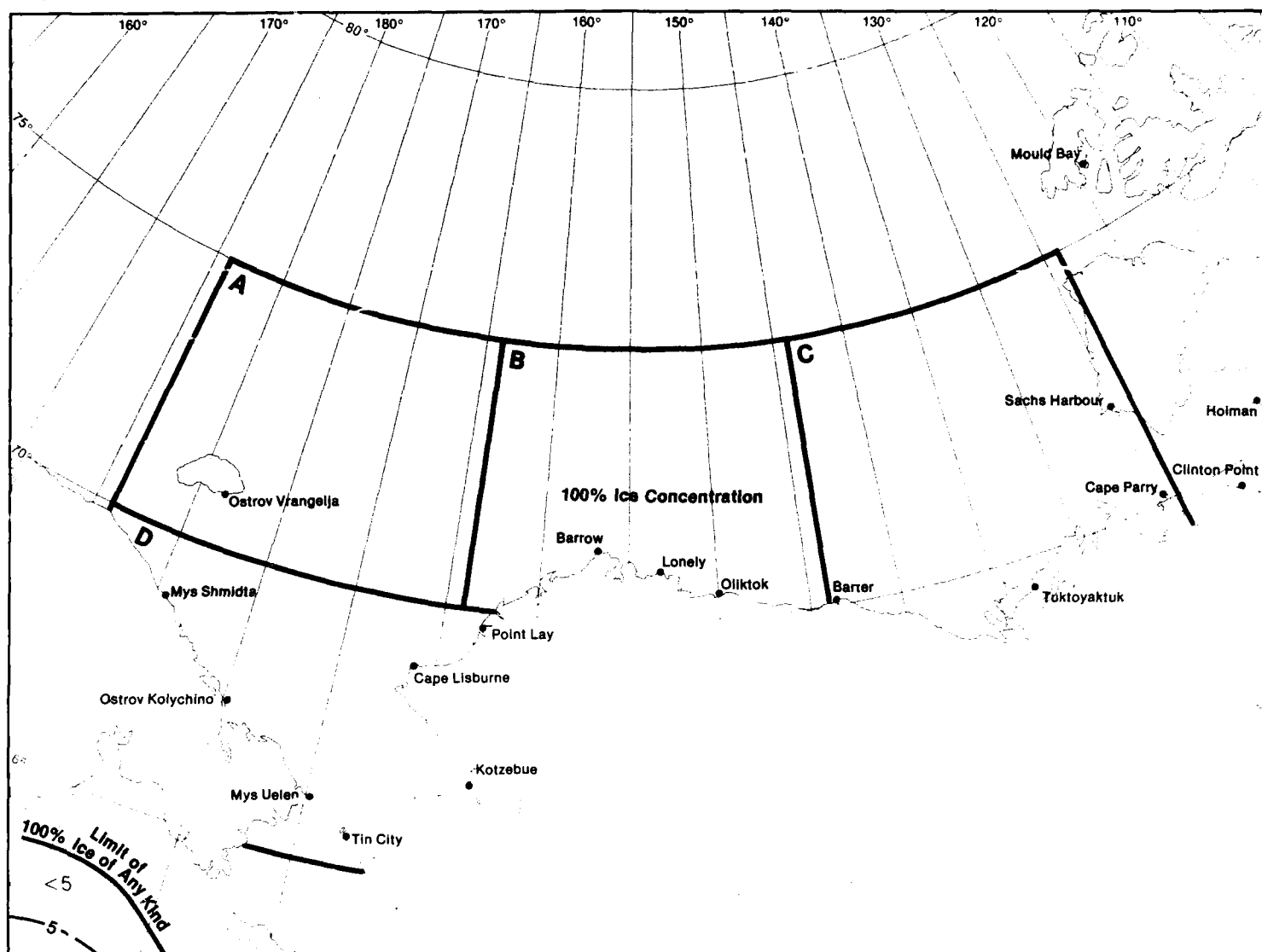
Marine Area D

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 7 | 3 | | | | | 83 |
| 1-1.5 | | | | | | | |
| 2-2.5 | | 3 | 3 | | | | |
| 3-3.5 | | | | | | | |
| 4-5.5 | | | | | | | |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

30

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet

February



Marine Area A

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 |
| 0-.5 | 9 | | | | | 81 |
| 1-1.5 | 5 | | | 1 | | 4 |
| 2-2.5 | | | | | | |
| 3-3.5 | | | | | | |
| 4-5.5 | | | | | | |
| 6-7.5 | | | | | | |
| 8-9.5 | | | | | | |
| ≥10 | | | | | | |

77

Marine Area B

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 |
| 0-.5 | 10 | | | | | 90 |
| 1-1.5 | | | | | | |
| 2-2.5 | | | | | | |
| 3-3.5 | | | | | | |
| 4-5.5 | | | | | | |
| 6-7.5 | | | | | | |
| 8-9.5 | | | | | | |
| ≥10 | | | | | | |

60

Marine Area C

No Data Available

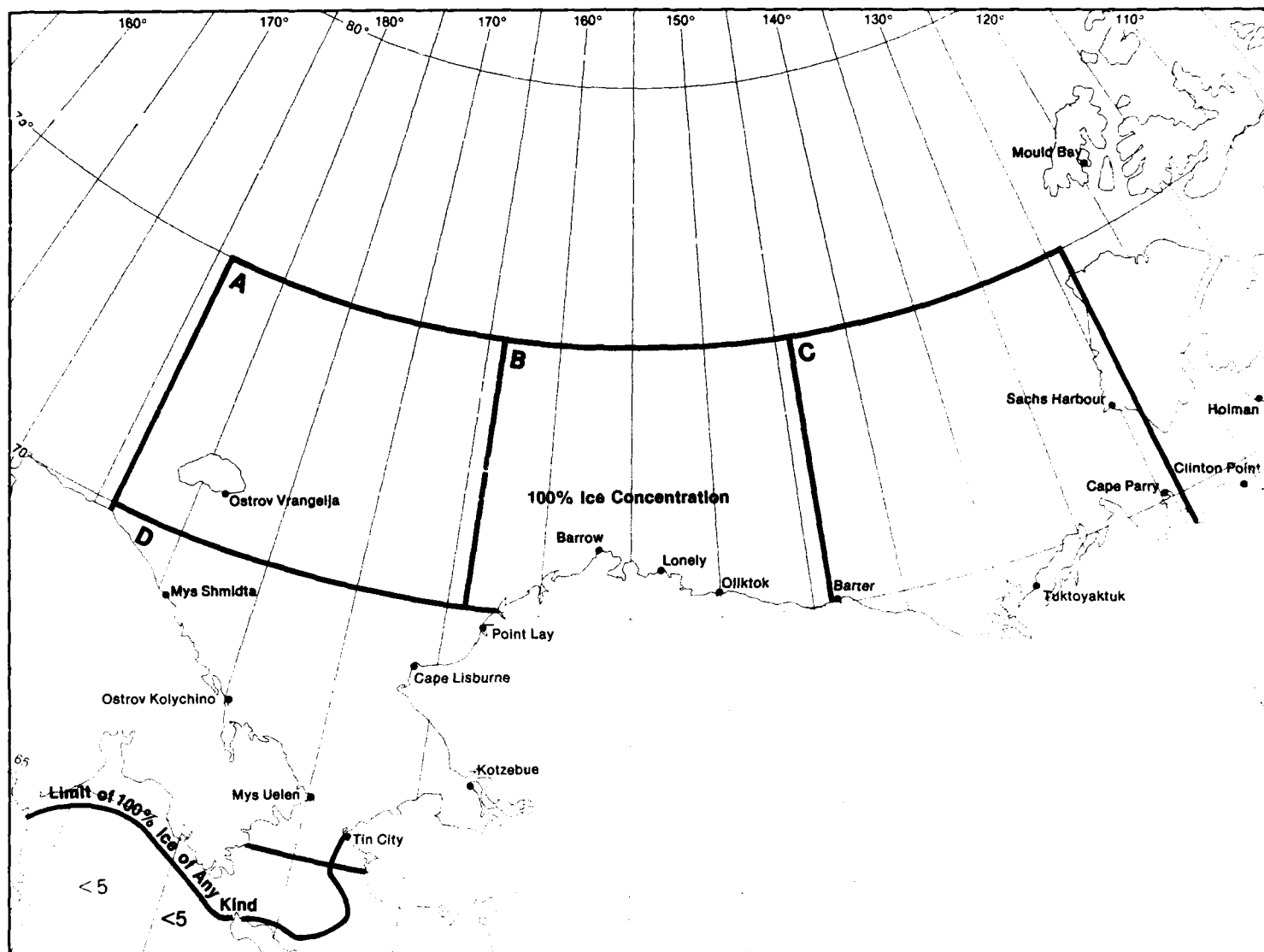
Marine Area D

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 |
| 0-.5 | | | | | | 94 |
| 1-1.5 | 1 | | | | | 1 |
| 2-2.5 | | 2 | | | | |
| 3-3.5 | | 1 | | | | |
| 4-5.5 | | | | | | |
| 6-7.5 | | | | | | |
| 8-9.5 | | | | | | |
| ≥10 | | | | | | |

80

March

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet



Marine Area A

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 26 | | | | | | 62 |
| 1-1.5 | | | | | | | |
| 2-2.5 | 5 | 5 | | 3 | | | |
| 3-3.5 | | | | | | | |
| 4-5.5 | | | | | | | |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

39

Marine Area B

No Data Available

Marine Area C

No Data Available

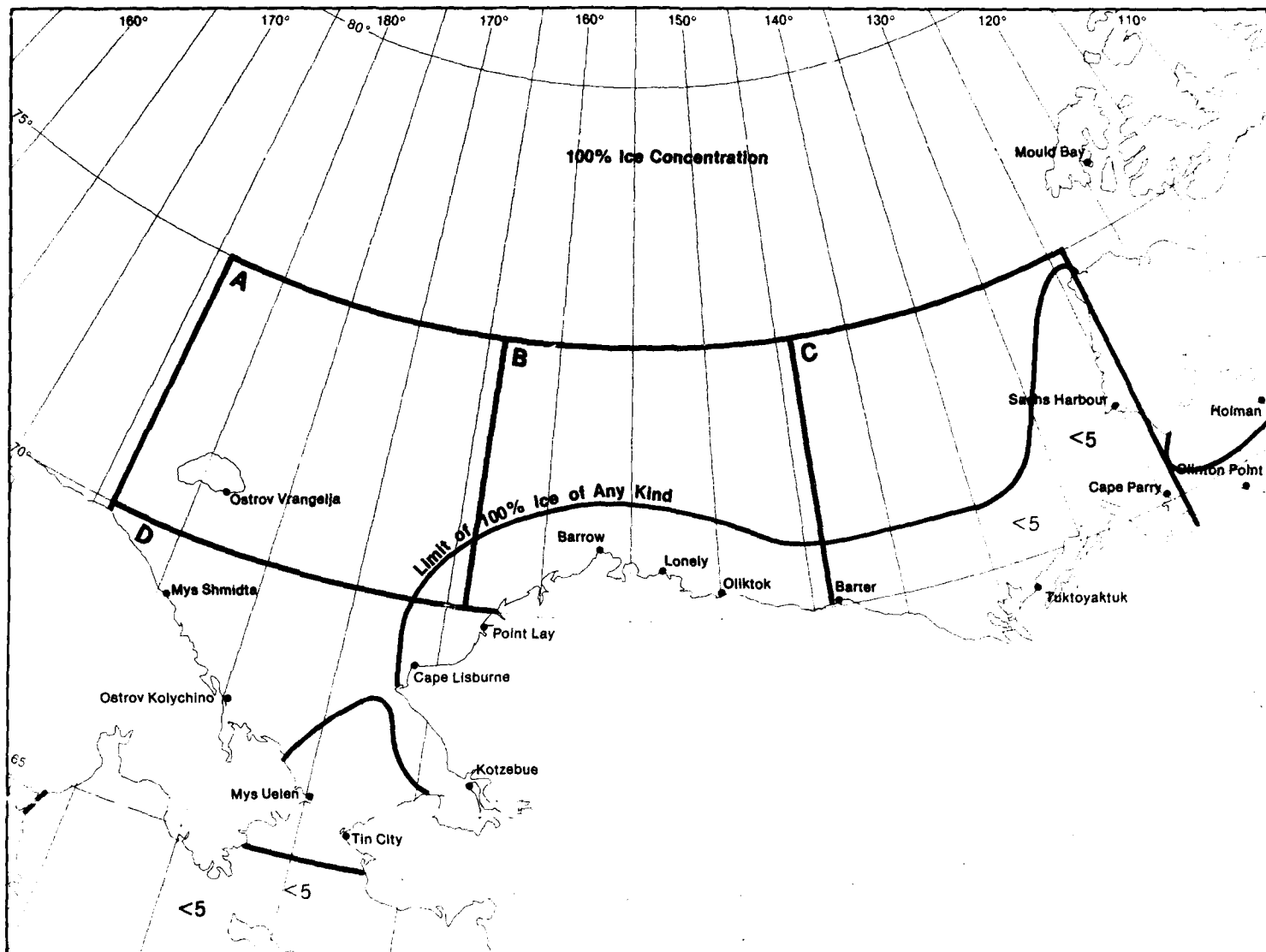
Marine Area D

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 11 | | | | | | 88 |
| 1-1.5 | | | | 1 | | | |
| 2-2.5 | | | | | | | |
| 3-3.5 | | | | | | | |
| 4-5.5 | | | | | | | |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

98

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet

April

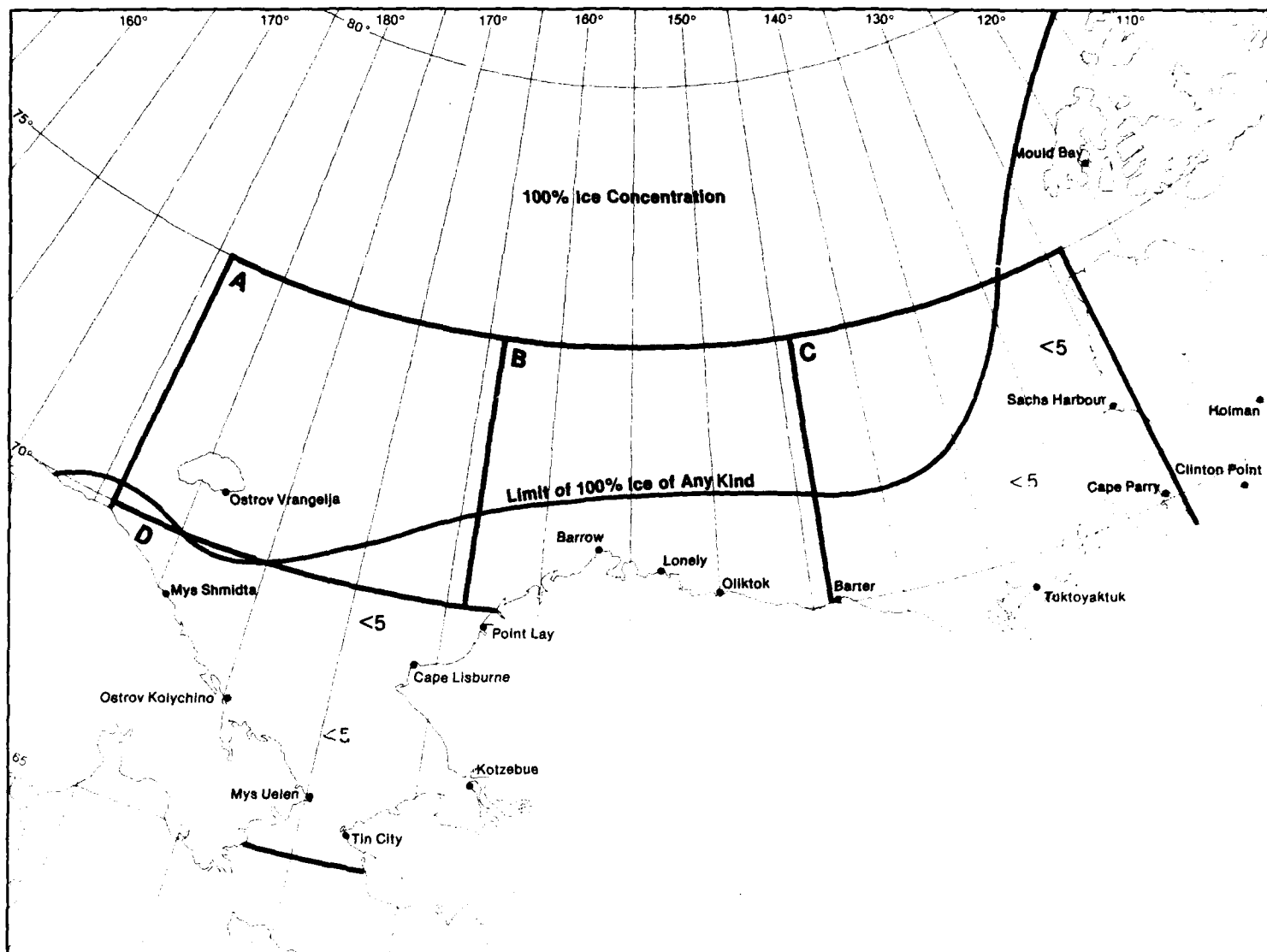


| Marine Area A | Marine Area B | Marine Area C | Marine Area D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|-------------------|-------------------|---|--------------------------|--------------|-----|-----|--|--|--|--|----|-----|-----|-------|-------|-----|-----|-------|----|--|--|--|--|--|----|-------|----|---|--|--|--|--|--|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|
| No Data Available | No Data Available | No Data Available | <table><tr><th rowspan="2">WAVE HEIGHT (MTRS)</th><th colspan="7">PERIOD (sec)</th></tr><tr><th><6</th><th>6-7</th><th>8-9</th><th>10-11</th><th>12-13</th><th>>13</th><th>IND</th></tr><tr><td>0-0.5</td><td>13</td><td></td><td></td><td></td><td></td><td></td><td>70</td></tr><tr><td>1-1.5</td><td>14</td><td>2</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2-2.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3-3.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4-5.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6-7.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8-9.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>≥10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND | 0-0.5 | 13 | | | | | | 70 | 1-1.5 | 14 | 2 | | | | | | 2-2.5 | | | | | | | | 3-3.5 | | | | | | | | 4-5.5 | | | | | | | | 6-7.5 | | | | | | | | 8-9.5 | | | | | | | | ≥10 | | | | | | | |
| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-0.5 | 13 | | | | | | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-1.5 | 14 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3-3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6-7.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-9.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

122

May

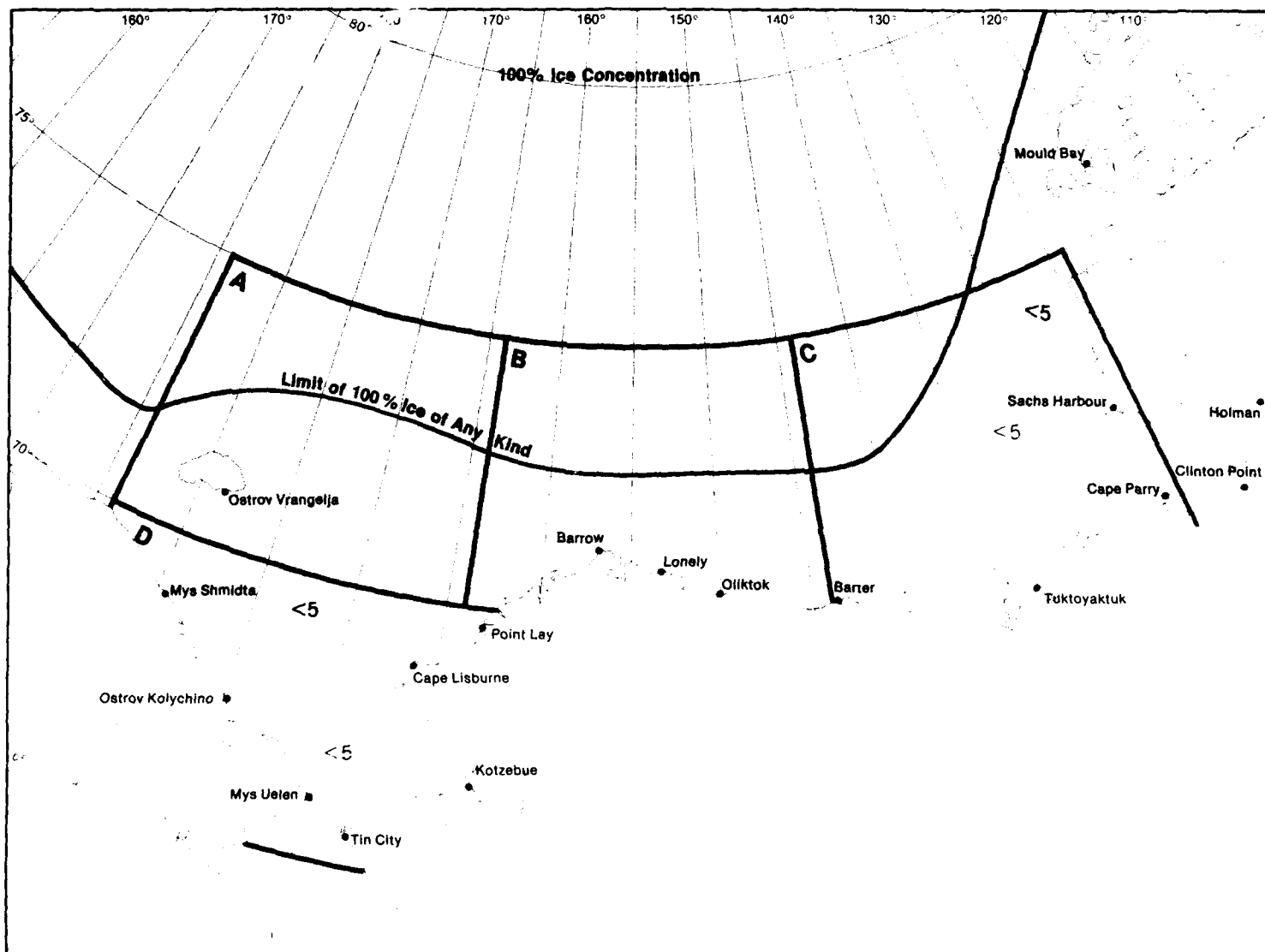
20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet



| Marine Area A | Marine Area B | Marine Area C | Marine Area D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-------------------|--|--------------------|--------------|-------|-----|-----|--|--|--|----|-----|-----|-------|-------|-----|-----|-----|----|--|--|--|--|--|---|-------|----|---|--|--|--|--|---|-------|----|---|--|--|--|--|--|-------|--|--|--|--|--|--|--|-------|---|--|--|--|--|--|--|-------|---|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|---|--------------------|--------------|--|--|--|--|--|--|----|-----|-----|-------|-------|-----|-----|-----|----|---|--|---|--|--|----|-------|----|---|--|---|--|--|---|-------|---|---|--|--|--|--|---|-------|--|--|---|--|--|--|--|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|
| No Data Available | No Data Available | <table><tr><th rowspan="2">WAVE HEIGHT (MTRS)</th><th colspan="7">PERIOD (sec)</th></tr><tr><th><6</th><th>6-7</th><th>8-9</th><th>10-11</th><th>12-13</th><th>>13</th><th>IND</th></tr><tr><td>0-5</td><td>26</td><td></td><td></td><td></td><td></td><td></td><td>4</td></tr><tr><td>1-1.5</td><td>53</td><td>1</td><td></td><td></td><td></td><td></td><td>1</td></tr><tr><td>2-2.5</td><td>14</td><td>1</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>3-3.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4-5.5</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6-7.5</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8-9.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>≥10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND | 0-5 | 26 | | | | | | 4 | 1-1.5 | 53 | 1 | | | | | 1 | 2-2.5 | 14 | 1 | | | | | | 3-3.5 | | | | | | | | 4-5.5 | 1 | | | | | | | 6-7.5 | 1 | | | | | | | 8-9.5 | | | | | | | | ≥10 | | | | | | | | <table><tr><th rowspan="2">WAVE HEIGHT (MTRS)</th><th colspan="7">PERIOD (sec)</th></tr><tr><th><6</th><th>6-7</th><th>8-9</th><th>10-11</th><th>12-13</th><th>>13</th><th>IND</th></tr><tr><td>0-5</td><td>27</td><td>1</td><td></td><td>1</td><td></td><td></td><td>55</td></tr><tr><td>1-1.5</td><td>11</td><td>1</td><td></td><td>1</td><td></td><td></td><td>2</td></tr><tr><td>2-2.5</td><td>1</td><td>+</td><td></td><td></td><td></td><td></td><td>+</td></tr><tr><td>3-3.5</td><td></td><td></td><td>+</td><td></td><td></td><td></td><td></td></tr><tr><td>4-5.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6-7.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8-9.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>≥10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND | 0-5 | 27 | 1 | | 1 | | | 55 | 1-1.5 | 11 | 1 | | 1 | | | 2 | 2-2.5 | 1 | + | | | | | + | 3-3.5 | | | + | | | | | 4-5.5 | | | | | | | | 6-7.5 | | | | | | | | 8-9.5 | | | | | | | | ≥10 | | | | | | | |
| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-5 | 26 | | | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-1.5 | 53 | 1 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-2.5 | 14 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3-3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-5.5 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6-7.5 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-9.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0-5 | 27 | 1 | | 1 | | | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-1.5 | 11 | 1 | | 1 | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-2.5 | 1 | + | | | | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3-3.5 | | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6-7.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-9.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 124 | 407 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet

June



Marine Area A

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | ND |
| 0-0.5 | 23 | + | | 1 | | | 55 |
| 1-1.5 | 13 | 2 | 1 | | | | 3 |
| 2-2.5 | + | 1 | | | | | + |
| 3-3.5 | | | | | | | + |
| 4-5.5 | | | | | | | + |
| 6-7.5 | | | | | | | + |
| 8-9.5 | | | | | | | + |
| ≥10 | | | | | | | + |

200

Marine Area B

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | ND |
| 0-0.5 | 20 | 2 | + | + | | | 66 |
| 1-1.5 | 5 | 3 | + | + | | | + |
| 2-2.5 | 1 | + | + | + | | | + |
| 3-3.5 | + | + | + | + | | | + |
| 4-5.5 | | | | + | | | + |
| 6-7.5 | | | | | | | + |
| 8-9.5 | | | | | | | + |
| ≥10 | | | | | | | + |

1115

Marine Area C

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | ND |
| 0-0.5 | 31 | 1 | + | | | | 37 |
| 1-1.5 | 21 | 2 | | + | | | + |
| 2-2.5 | 3 | 2 | + | | + | | + |
| 3-3.5 | 1 | 1 | | + | | | + |
| 4-5.5 | + | + | | + | | | + |
| 6-7.5 | | | | | | | + |
| 8-9.5 | | | | | | | + |
| ≥10 | | | | | | | + |

1638

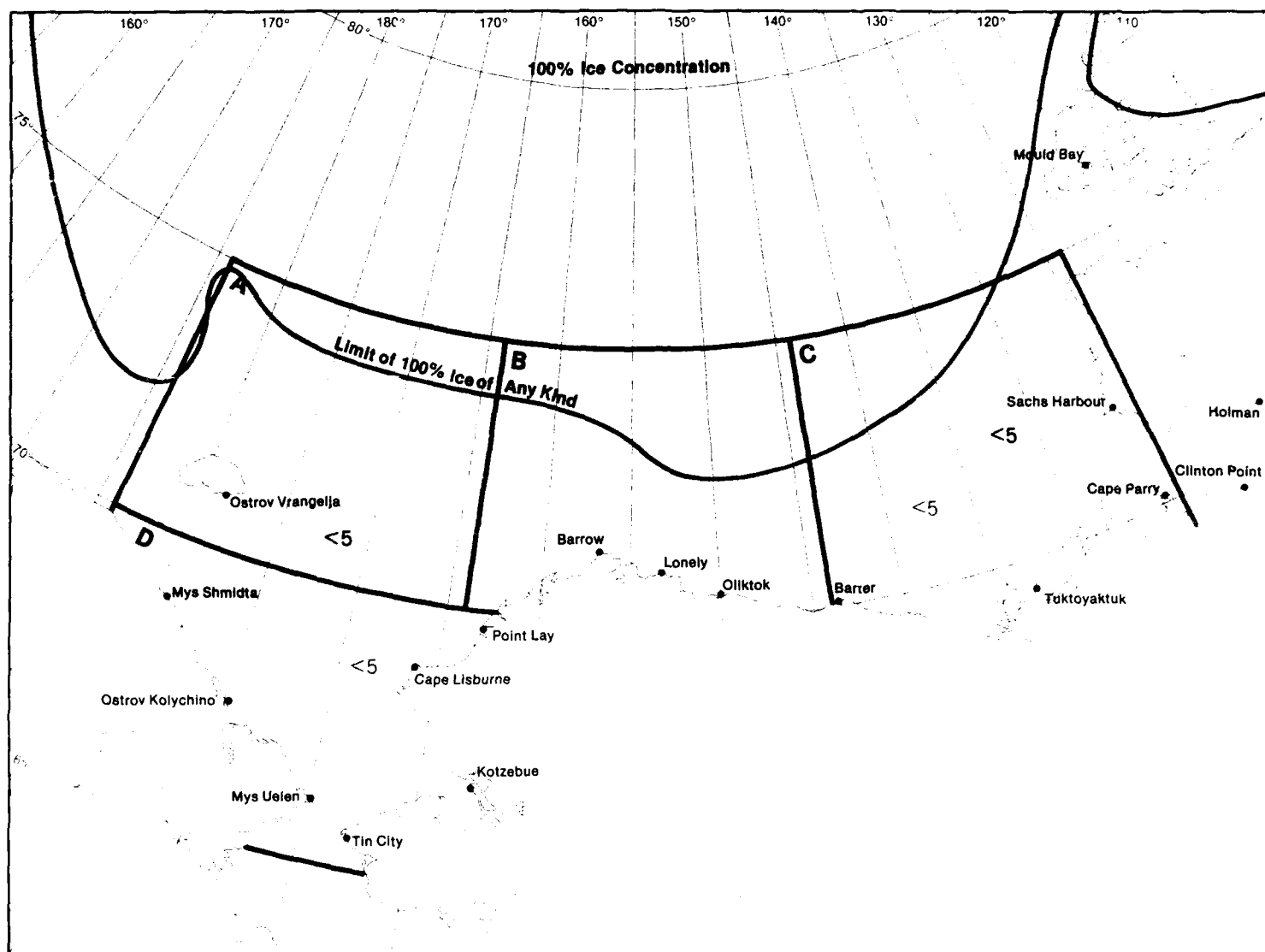
Marine Area D

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | ND |
| 0-0.5 | 30 | 2 | + | + | | | 25 |
| 1-1.5 | 22 | 6 | 1 | + | + | + | 4 |
| 2-2.5 | 2 | 2 | 1 | + | + | | 1 |
| 3-3.5 | + | 1 | + | + | | | + |
| 4-5.5 | + | + | | + | | | + |
| 6-7.5 | | | | | | | + |
| 8-9.5 | | | | + | | | + |
| ≥10 | | | | | | | + |

2104

July

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet



Marine Area A

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 29 | 1 | 2 | | | | 42 |
| 1-1.5 | 13 | 4 | 1 | | | | 4 |
| 2-2.5 | | 1 | + | | | | 1 |
| 3-3.5 | | 1 | | | | | + |
| 4-5.5 | | | | + | | | + |
| 6-7.5 | | | | | | | 1 |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

363

Marine Area B

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 27 | 1 | 1 | + | | | 54 |
| 1-1.5 | 10 | 3 | + | + | + | + | + |
| 2-2.5 | 1 | 1 | + | | | | |
| 3-3.5 | + | + | + | | | | + |
| 4-5.5 | + | | | + | + | | |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

2490

Marine Area C

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 27 | 1 | + | | | | 34 |
| 1-1.5 | 26 | 2 | + | + | + | + | 1 |
| 2-2.5 | 4 | 2 | + | | | + | + |
| 3-3.5 | + | + | + | + | | | + |
| 4-5.5 | + | + | + | | | | + |
| 6-7.5 | + | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

4824

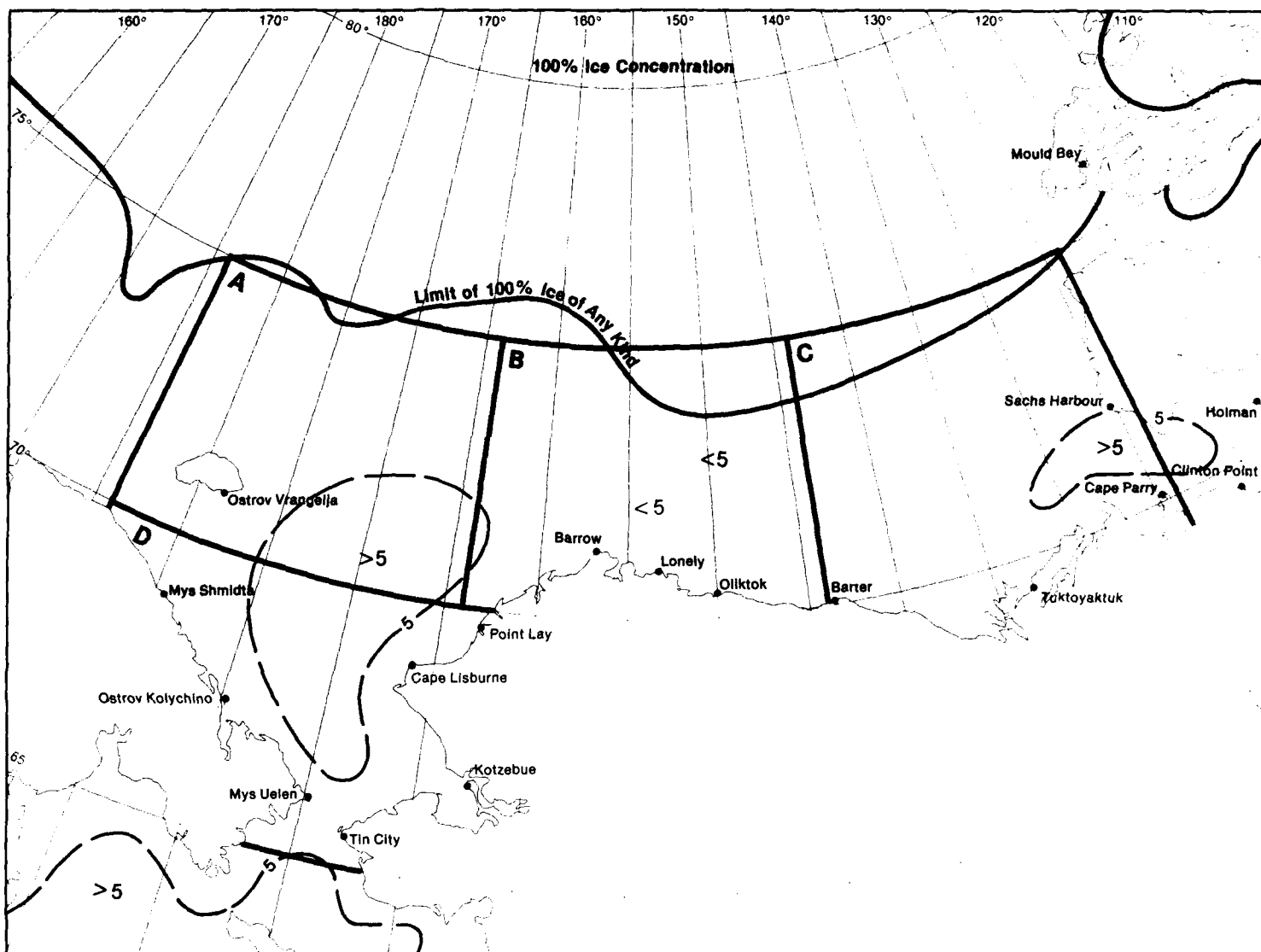
Marine Area D

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 26 | 2 | + | + | | | 17 |
| 1-1.5 | 25 | 7 | 2 | + | + | + | 7 |
| 2-2.5 | 4 | 3 | 1 | + | + | + | 1 |
| 3-3.5 | 1 | 1 | 1 | | + | + | + |
| 4-5.5 | + | + | | + | | | + |
| 6-7.5 | | + | | | | | + |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

1838

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet

August



Marine Area A

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|----|-----|-----|
| | <6 | 6-7 | 8-9 | 10-12 | 13 | >13 | IND |
| 0-.5 | 19 | 1 | 1 | 1 | | | 29 |
| 1-1.5 | 22 | 4 | 2 | | 1 | + | 3 |
| 2-2.5 | 3 | 7 | 1 | + | | + | 1 |
| 3-3.5 | 1 | 2 | + | | | | |
| 4-5.5 | | 1 | 1 | | | | |
| 6-7.5 | | + | + | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

516

Marine Area B

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|----|-----|-----|
| | <6 | 6-7 | 8-9 | 10-12 | 13 | >13 | IND |
| 0-.5 | 28 | 1 | + | 1 | | | 38 |
| 1-1.5 | 18 | 4 | 1 | + | + | 1 | + |
| 2-2.5 | 3 | 2 | + | | + | | |
| 3-3.5 | 1 | + | + | | | + | |
| 4-5.5 | | + | + | + | | + | |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

1591

Marine Area C

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|----|-----|-----|
| | <6 | 6-7 | 8-9 | 10-12 | 13 | >13 | IND |
| 0-.5 | 24 | 1 | + | | | | 31 |
| 1-1.5 | 25 | 4 | + | + | + | | + |
| 2-2.5 | 6 | 6 | 1 | | | + | |
| 3-3.5 | + | 1 | + | + | + | + | + |
| 4-5.5 | + | + | + | + | | + | |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

4450

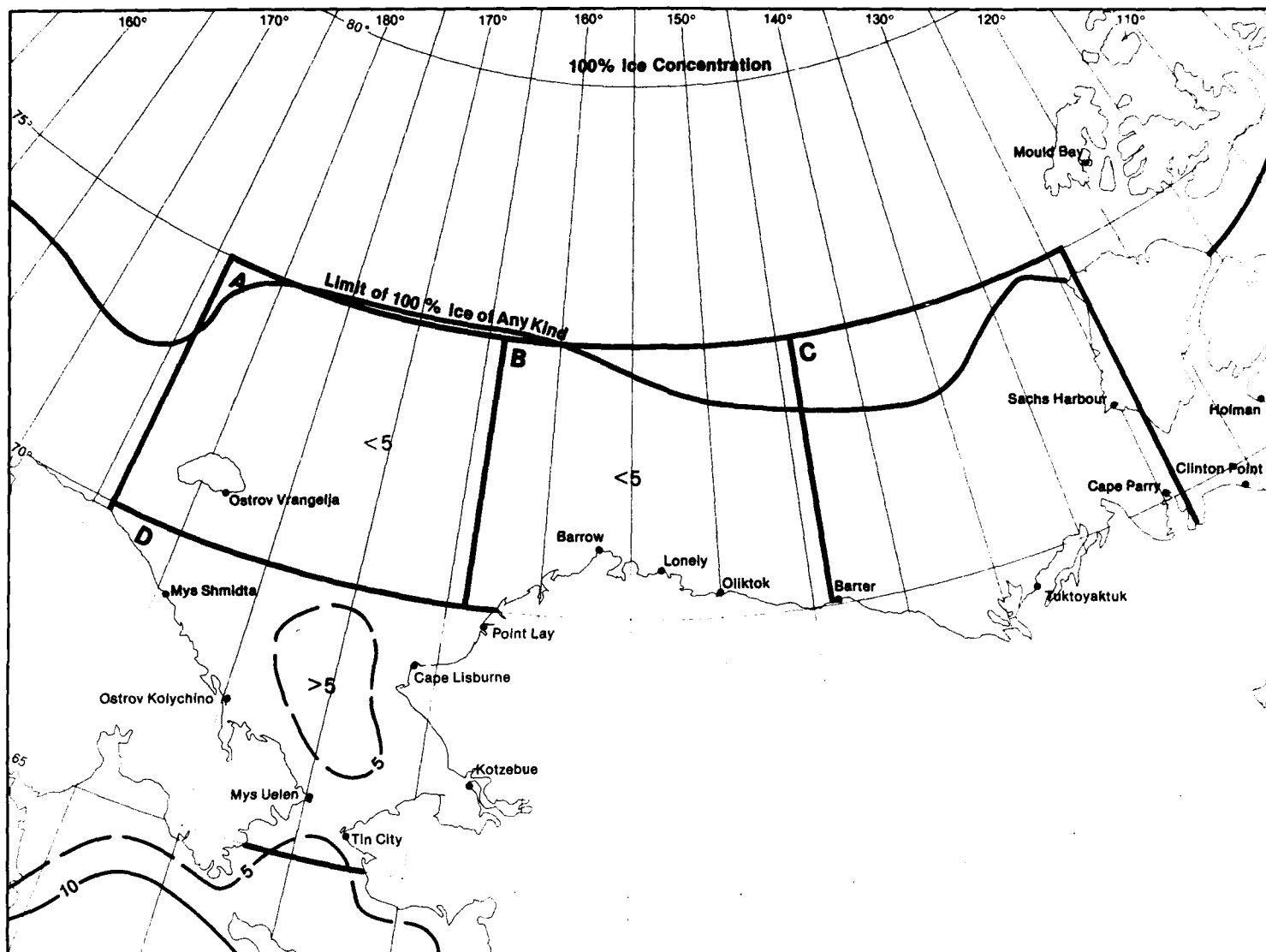
Marine Area D

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------|--------------|-----|-----|-------|----|-----|-----|
| | <6 | 6-7 | 8-9 | 10-12 | 13 | >13 | IND |
| 0-.5 | 19 | 2 | + | + | | | 10 |
| 1-1.5 | 28 | 9 | 2 | + | + | + | 4 |
| 2-2.5 | 6 | 7 | 2 | + | + | + | 2 |
| 3-3.5 | 1 | 3 | 1 | 1 | + | + | + |
| 4-5.5 | | 1 | + | + | + | + | + |
| 6-7.5 | | + | + | + | | | |
| 8-9.5 | | + | | | | | |
| ≥10 | | | | | | | |

1830

September

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet



Marine Area A

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 7 | 1 | | | | | 70 |
| 1-1.5 | 7 | 3 | 1 | | | | 2 |
| 2-2.5 | 4 | 1 | 1 | | | | 3 |
| 3-3.5 | | | | | | | |
| 4-5.5 | | 1 | | | | | |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

181

Marine Area B

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 22 | + | | | | | 58 |
| 1-1.5 | 12 | 2 | | | | | + |
| 2-2.5 | 2 | 3 | | | | | |
| 3-3.5 | | | | | | | |
| 4-5.5 | | | | | + | | |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

236

Marine Area C

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 11 | 1 | | | | | 54 |
| 1-1.5 | 16 | 4 | + | | | | |
| 2-2.5 | 5 | 5 | 1 | + | | | + |
| 3-3.5 | + | 2 | 1 | + | | | |
| 4-5.5 | | + | + | | | | + |
| 6-7.5 | | | | | | | |
| 8-9.5 | | | | | | | |
| ≥10 | | | | | | | |

2025

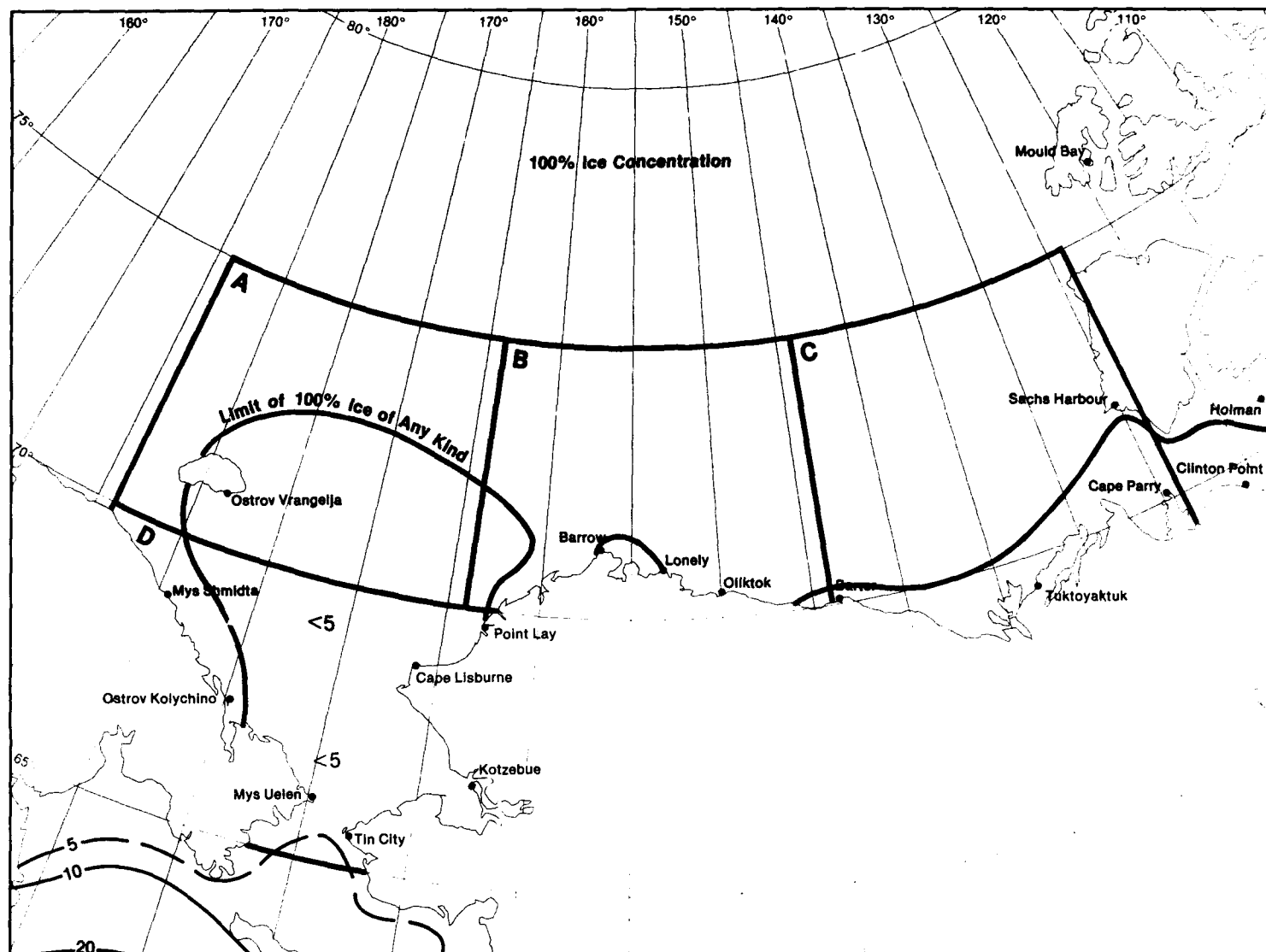
Marine Area D

| WAVE HEIGHT (MTRS) | PERIOD (sec) | | | | | | |
|--------------------------|--------------|-----|-----|-------|-------|-----|-----|
| | <6 | 6-7 | 8-9 | 10-11 | 12-13 | >13 | IND |
| 0-.5 | 16 | + | + | | | | 8 |
| 1-1.5 | 29 | 4 | 1 | + | + | + | 7 |
| 2-2.5 | 13 | 4 | 2 | | 1 | + | 2 |
| 3-3.5 | 2 | 4 | 2 | + | + | + | 1 |
| 4-5.5 | + | + | 1 | | | | + |
| 6-7.5 | | + | | + | | | + |
| 8-9.5 | | | + | + | | | |
| ≥10 | | | | | | | |

700

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet

October



| Marine Area A | |
|-------------------|--|
| No Data Available | |

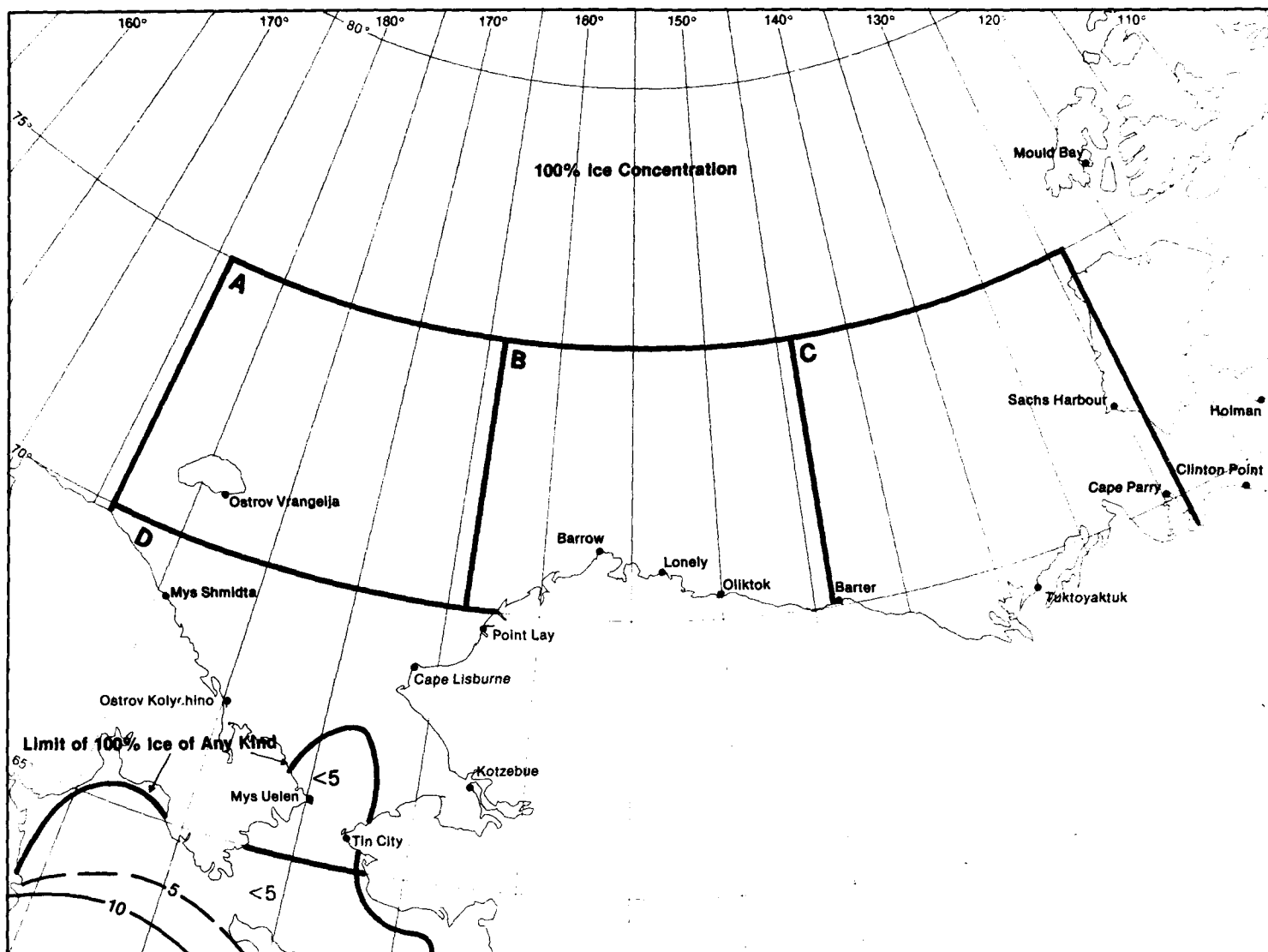
| Marine Area B | |
|--------------------|--------------------------------|
| WAVE HEIGHT (MTRS) | PERIOD (sec) |
| | <6 6-7 8-9 10-11 12-13 >13 IND |
| 0-.5 | |
| 1-1.5 | 8 |
| 2-2.5 | 8 |
| 3-3.5 | |
| 4-5.5 | |
| 6-7.5 | |
| 8-9.5 | |
| ≥10 | |
| 13 | |

| Marine Area C | |
|--------------------|--------------------------------|
| WAVE HEIGHT (MTRS) | PERIOD (sec) |
| | <6 6-7 8-9 10-11 12-13 >13 IND |
| 0-.5 | |
| 1-1.5 | + 1 |
| 2-2.5 | + 1 |
| 3-3.5 | |
| 4-5.5 | |
| 6-7.5 | |
| 8-9.5 | |
| ≥10 | |
| 307 | |

| Marine Area D | |
|--------------------|--------------------------------|
| WAVE HEIGHT (MTRS) | PERIOD (sec) |
| | <6 6-7 8-9 10-11 12-13 >13 IND |
| 0-.5 | 14 |
| 1-1.5 | 24 4 |
| 2-2.5 | 12 18 |
| 3-3.5 | 2 2 |
| 4-5.5 | 8 |
| 6-7.5 | |
| 8-9.5 | |
| ≥10 | |
| 49 | |

November

20 Wave Height and Period
Wave Height ≥12 and ≥20 Feet



| Marine Area A | Marine Area B | Marine Area C | Marine Area D |
|-------------------|-------------------|-------------------|-------------------|
| No Data Available | No Data Available | No Data Available | No Data Available |

20 Wave Height and Period
Wave Height ≥ 12 and ≥ 20 Feet

December

II-464

Map 21. Wave height thresholds

TABLE - Wave height frequencies.

Albers Equal-Area Conic Projection

Graphs: Wave height thresholds

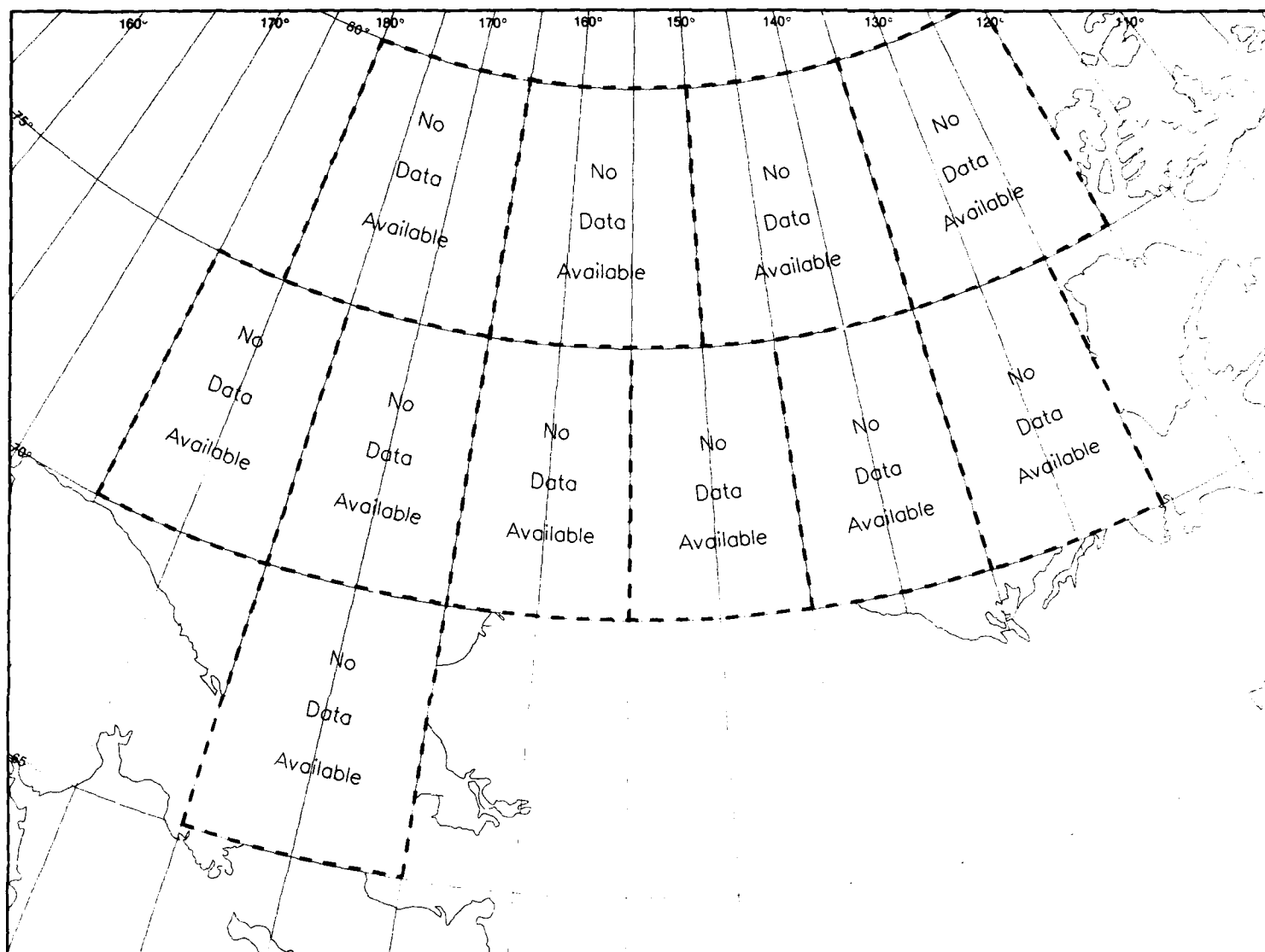
Wave height frequencies.

| WAVE HEIGHT (M) | % | |
|-----------------|------|---|
| 0-0.5 | 10.0 | Percent frequency of various ranges within the area. |
| 1-1.5 | 20.0 | |
| 2-2.5 | 30.0 | |
| 3-3.5 | 20.0 | (30.0% of all observed wave heights were in the range 2 to 2.5 meters.) |
| 4-5.5 | 10.0 | |
| ≥6.0 | 10.0 | N = Observation count. |
| N= | 1363 | |
| | | Wave data for these tables were selected from the higher of sea or swell when both were reported. |

The wave height should be estimated from the best available point on the ship that permits the height of the waves to be compared to the height of the ship. The point of observation should be chosen amidships where the pitching of the vessel is at a minimum, and the wave height should be estimated when the ship is on an even keel. In general, it has been found by comparing instrument measurements to "eyeball" estimates that small wave heights are underestimated while large wave heights are overestimated. Theoretically, the wave height cannot exceed 1/13 of the wave length, measured from trough to trough. When both sea and swell, or two systems of swell, are present at the same time, the observer first estimates the higher system of waves and then repeats the process for the lower system.

Swell direction may be determined by "eyeball" or by sighting from a compass along wave crests and adding or subtracting 90°. Ship's true heading can also be used to determine the direction from which swells are approaching. The higher the observation point, the easier it is to determine swell direction. The average of several observations, rounded to the nearest 10°, should be used as the observed swell direction. Refer to the texts for Sets 14 and 18-21 for complete information on waves.

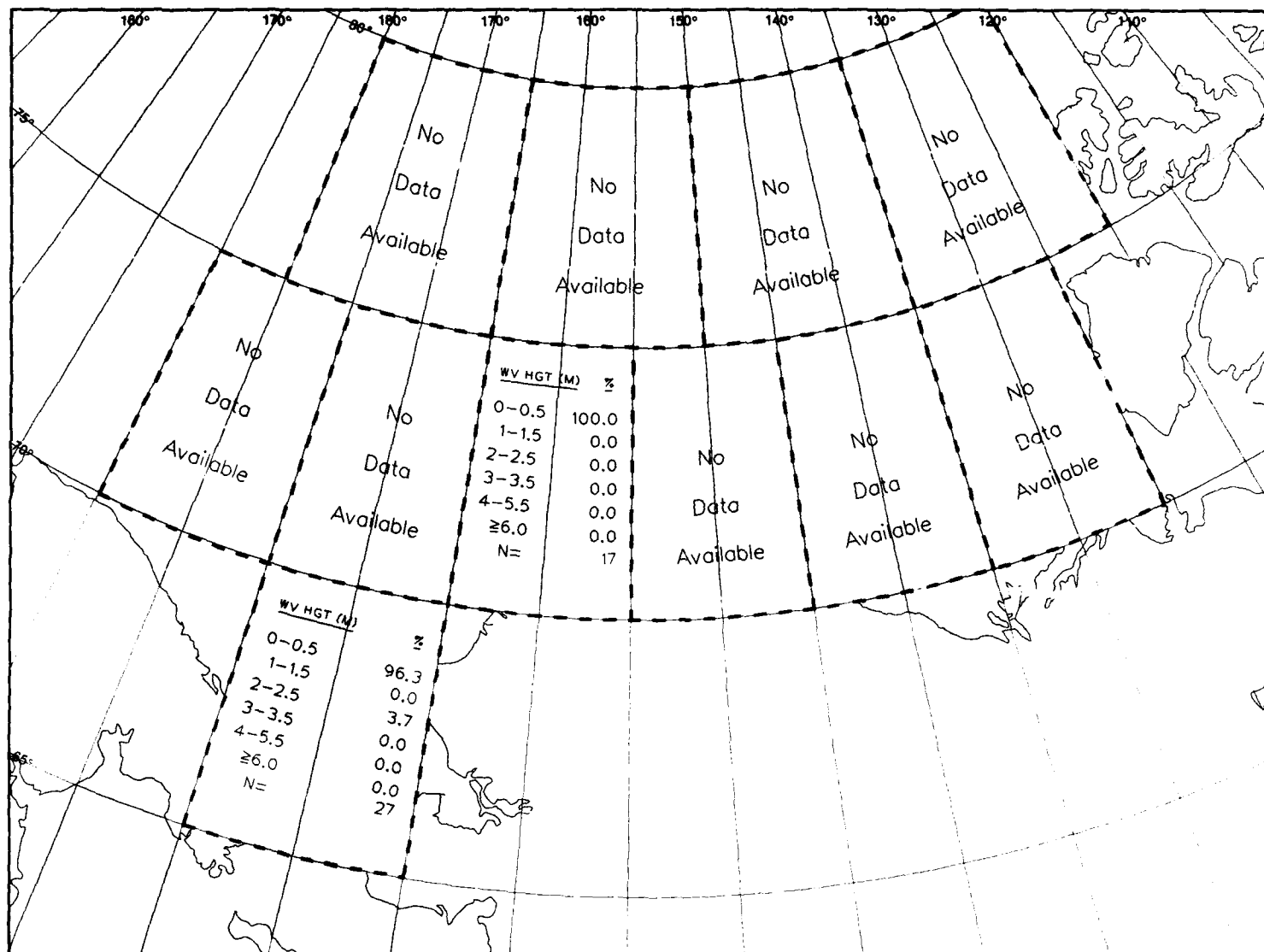
II-466



| Marine Area A | Marine Area B | Marine Area C | Marine Area D |
|-------------------|-------------------|-------------------|-------------------|
| No Data Available | No Data Available | No Data Available | No Data Available |

January

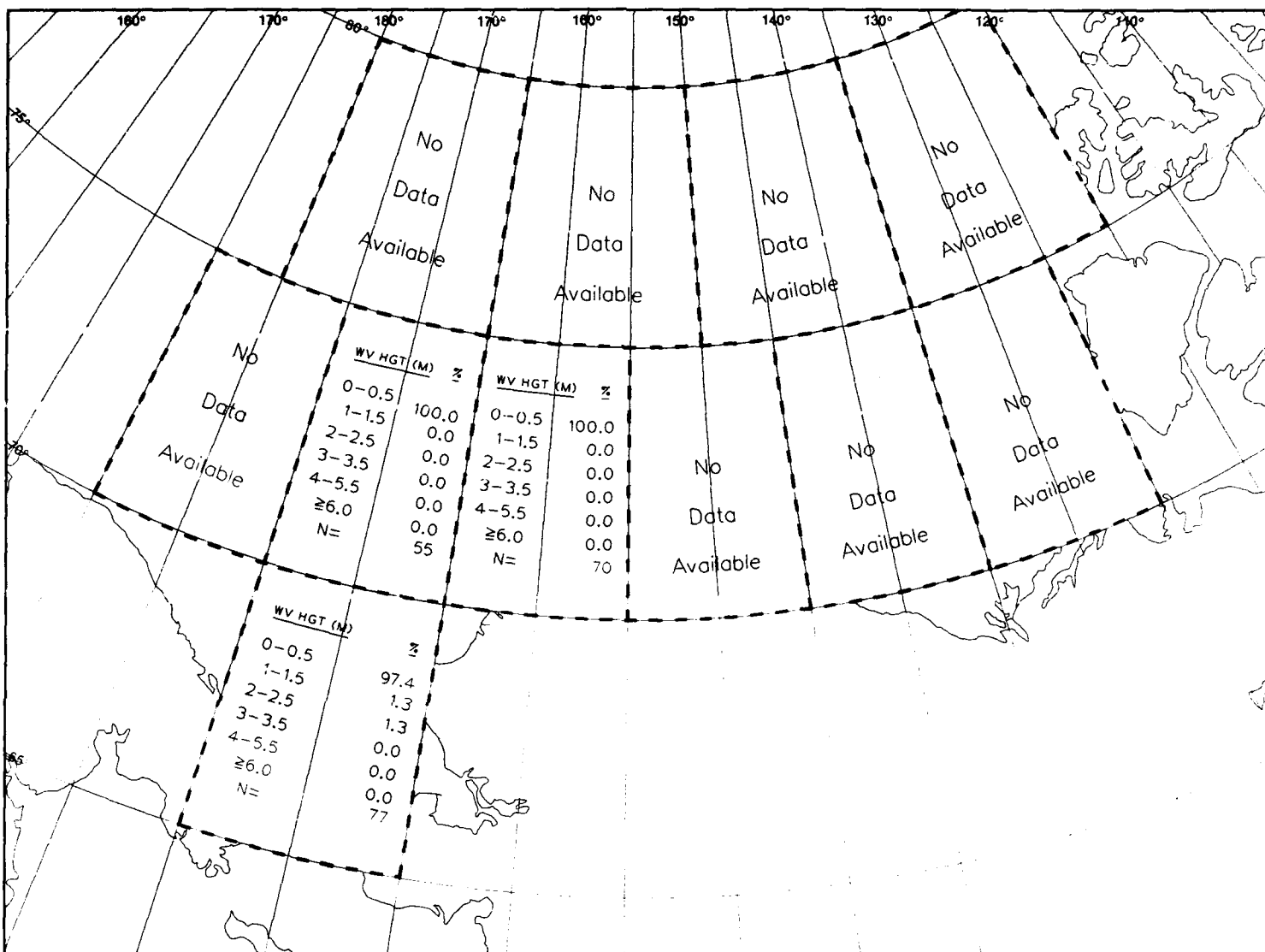
21 Wave Height Thresholds



| Marine Area A | Marine Area B | | Marine Area C | Marine Area D | |
|-------------------|-----------------|-------|-------------------|-----------------|------|
| No Data Available | WAVE HEIGHT (M) | % | No Data Available | WAVE HEIGHT (M) | % |
| | 0-0.5 | 100.0 | | 0-0.5 | 93.3 |
| | 1-1.5 | 0.0 | | 1-1.5 | 0.0 |
| | 2-2.5 | 0.0 | | 2-2.5 | 6.7 |
| | 3-3.5 | 0.0 | | 3-3.5 | 0.0 |
| | 4-5.5 | 0.0 | | 4-5.5 | 0.0 |
| | ≥6.0 | 0.0 | | ≥6.0 | 0.0 |
| | N= | 16 | | N= | 30 |

21 Wave Height Thresholds

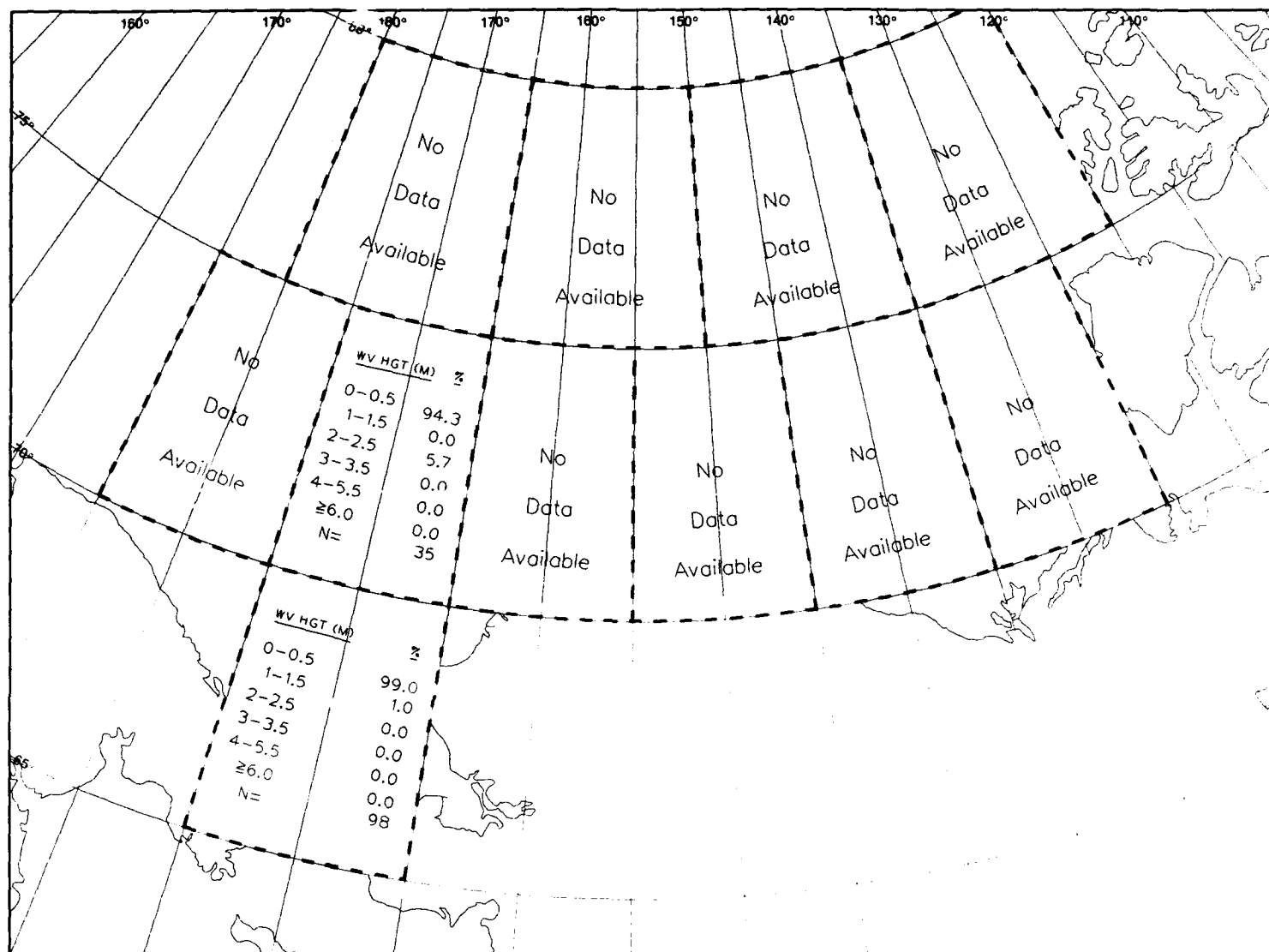
February



| Marine Area A | | Marine Area B | | Marine Area C | | Marine Area D | |
|-----------------|------|-----------------|-------|-------------------|--|-----------------|------|
| WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % | No Data Available | | WAVE HEIGHT (M) | % |
| 0-0.5 | 89.6 | 0-0.5 | 100.0 | | | 0-0.5 | 93.8 |
| 1-1.5 | 10.4 | 1-1.5 | 0.0 | | | 1-1.5 | 2.5 |
| 2-2.5 | 0.0 | 2-2.5 | 0.0 | | | 2-2.5 | 2.5 |
| 3-3.5 | 0.0 | 3-3.5 | 0.0 | | | 3-3.5 | 1.3 |
| 4-5.5 | 0.0 | 4-5.5 | 0.0 | | | 4-5.5 | 0.0 |
| ≥6.0 | 0.0 | ≥6.0 | 0.0 | | | ≥6.0 | 0.0 |
| N= | 77 | N= | 60 | | | N= | 80 |

March

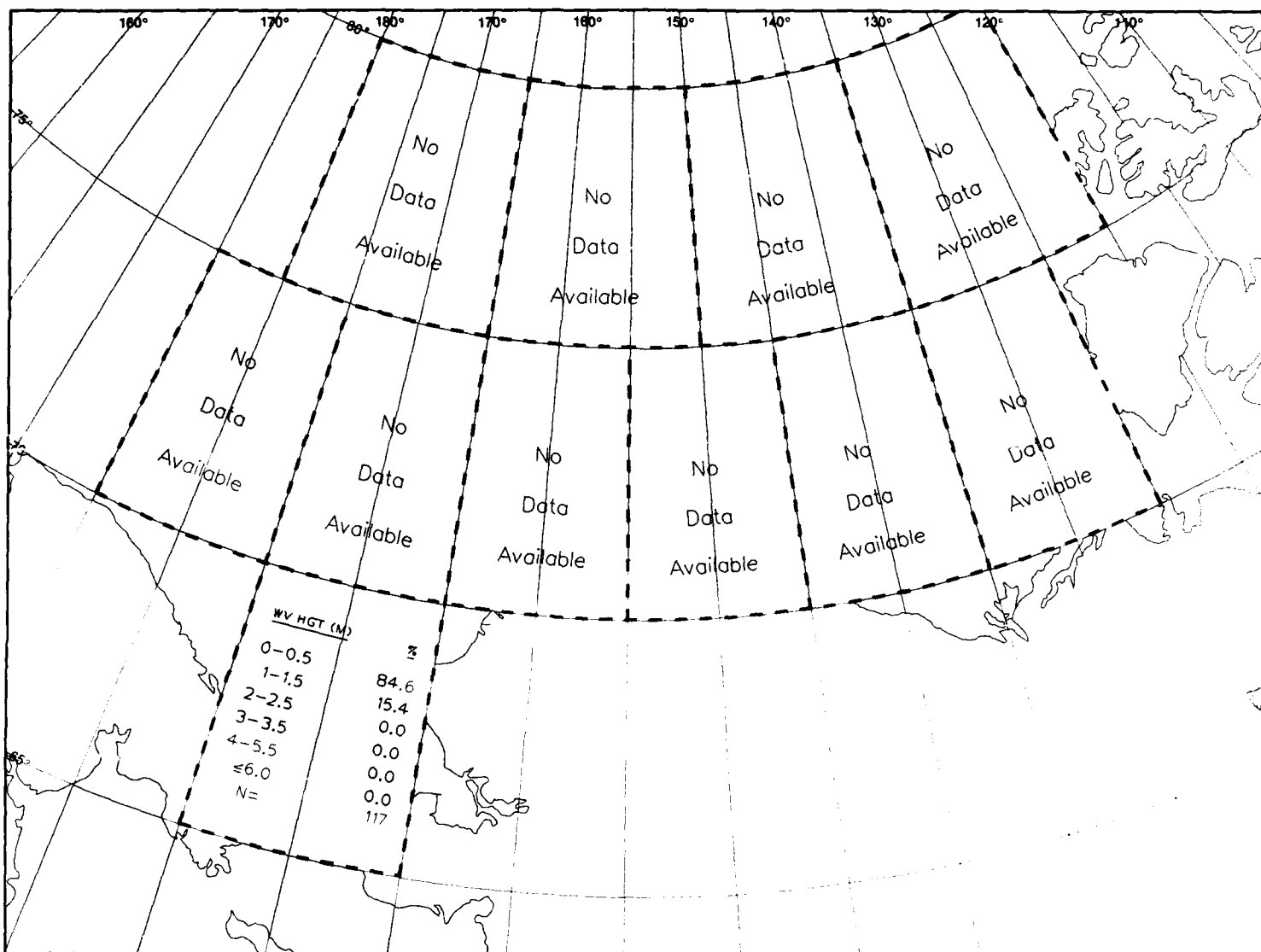
21 Wave Height Thresholds



21 Wave Height Thresholds

April

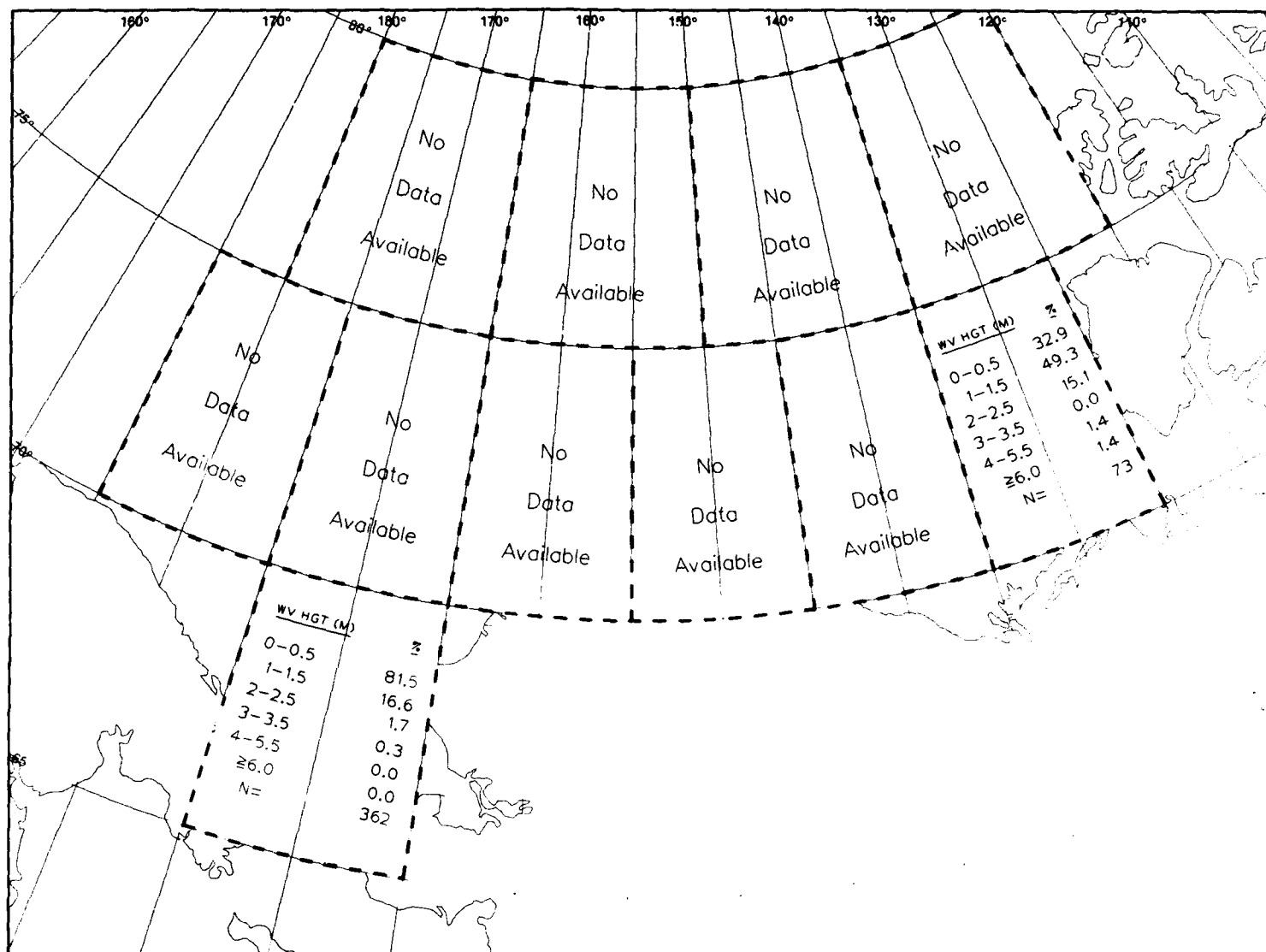
II-470



| Marine Area A | Marine Area B | Marine Area C | Marine Area D | |
|-------------------|-------------------|-------------------|-----------------|----------|
| No Data Available | No Data Available | No Data Available | WAVE HEIGHT (M) | Σ |
| | | | 0-0.5 | 83.6 |
| | | | 1-1.5 | 16.4 |
| | | | 2-2.5 | 0.0 |
| | | | 3-3.5 | 0.0 |
| | | | 4-5.5 | 0.0 |
| | | | ≥ 6.0 | 0.0 |
| | | | N= | 122 |

May

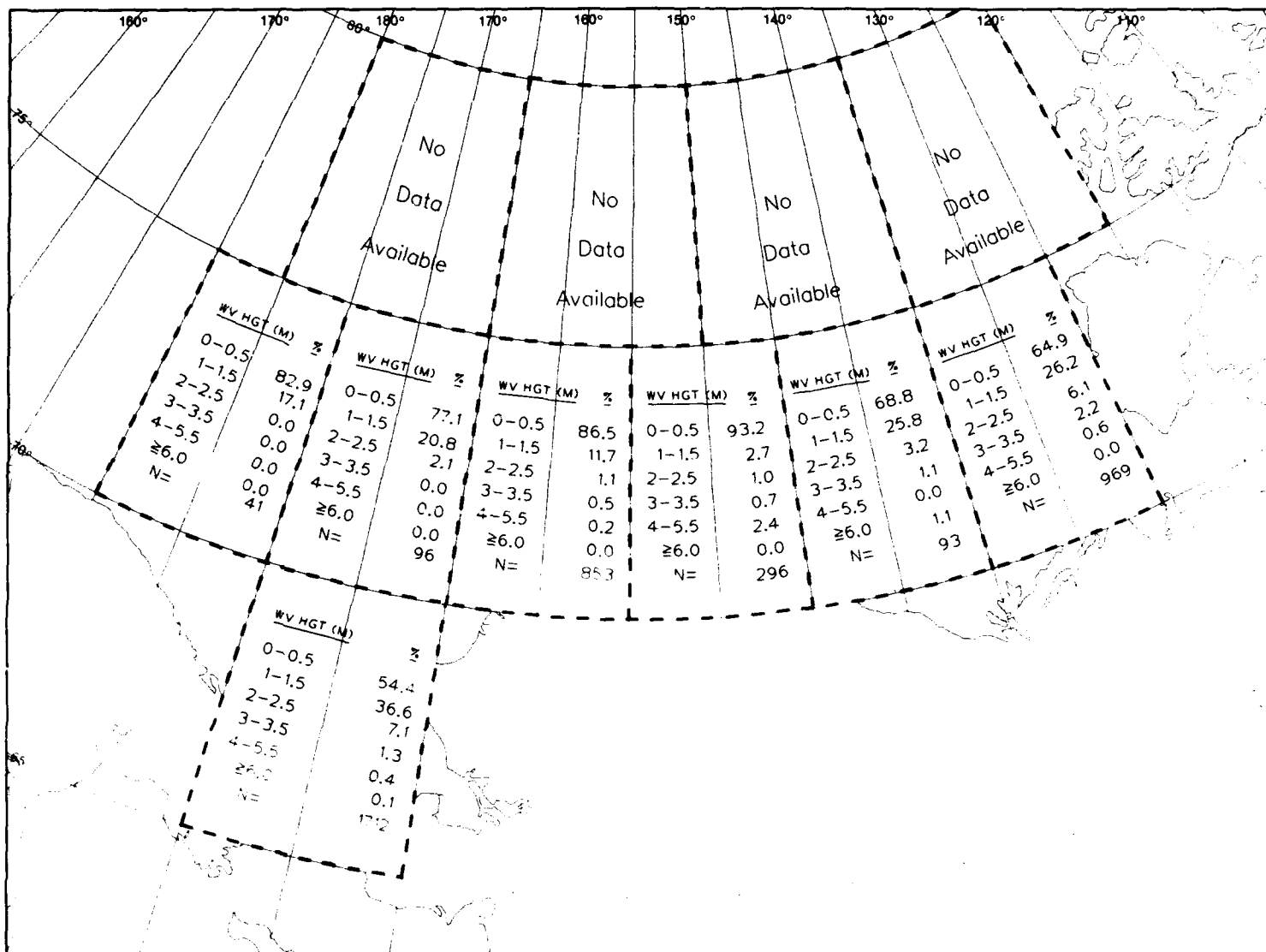
21 Wave Height Thresholds



| Marine Area A | Marine Area B | Marine Area C | | Marine Area D | |
|-------------------|-------------------|------------------------|----------|------------------------|----------|
| No Data Available | No Data Available | <u>WAVE HEIGHT (M)</u> | <u>%</u> | <u>WAVE HEIGHT (M)</u> | <u>%</u> |
| | | 0-0.5 | 29.8 | 0-0.5 | 83.0 |
| | | 1-1.5 | 54.0 | 1-1.5 | 15.0 |
| | | 2-2.5 | 14.5 | 2-2.5 | 1.7 |
| | | 3-3.5 | 0.0 | 3-3.5 | 0.2 |
| | | 4-5.5 | 0.8 | 4-5.5 | 0.0 |
| | | ≥6.0 | 0.8 | ≥6.0 | 0.0 |
| | | N= | 124 | N= | 407 |

21 Wave Height Thresholds

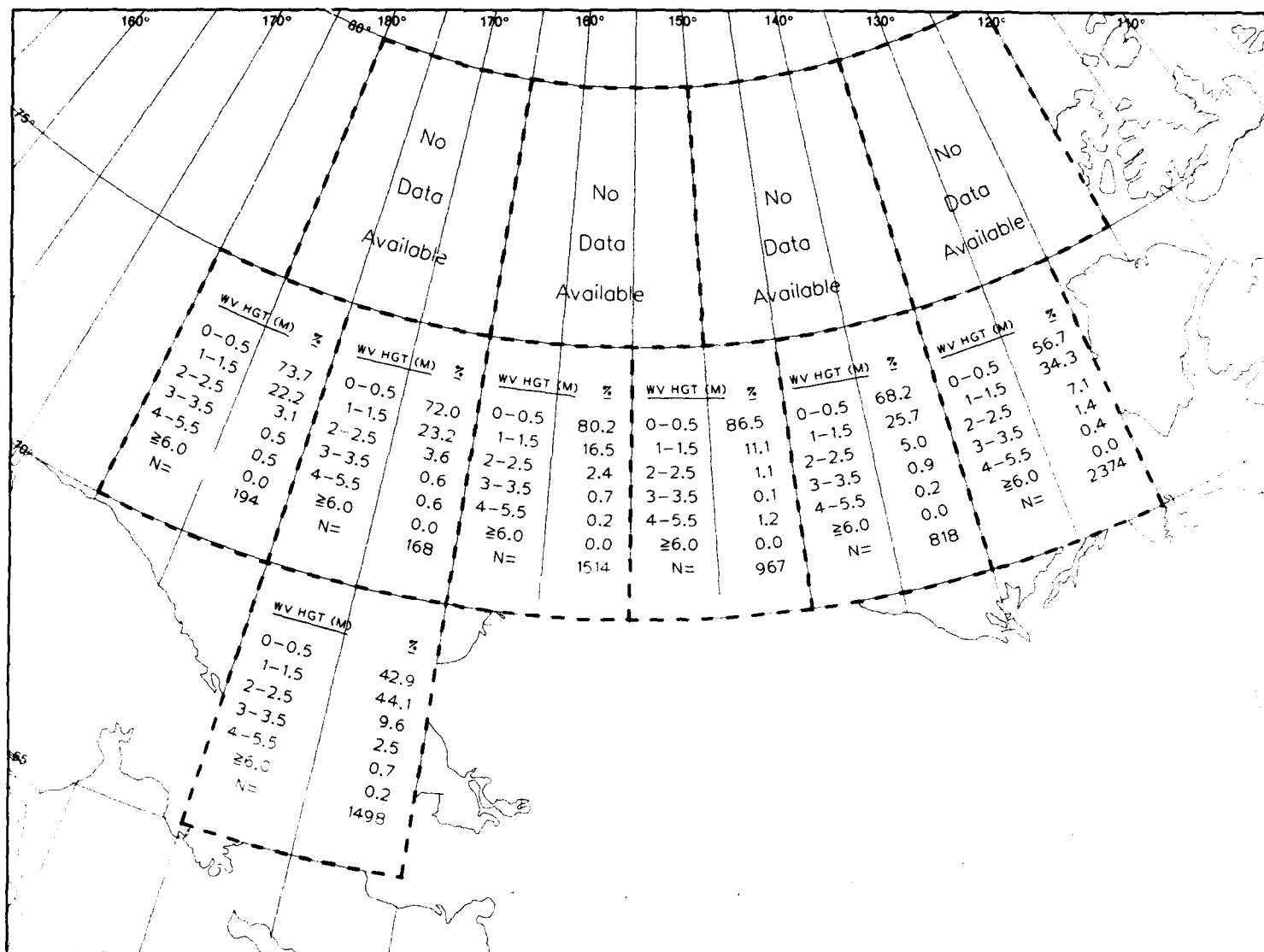
June



| Marine Area A | | Marine Area B | | Marine Area C | | Marine Area D | |
|-----------------|------|-----------------|------|-----------------|------|-----------------|------|
| WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % |
| 0-0.5 | 79.5 | 0-0.5 | 88.4 | 0-0.5 | 68.5 | 0-0.5 | 58.9 |
| 1-1.5 | 19.0 | 1-1.5 | 9.2 | 1-1.5 | 23.7 | 1-1.5 | 33.1 |
| 2-2.5 | 1.5 | 2-2.5 | 1.0 | 2-2.5 | 5.6 | 2-2.5 | 6.3 |
| 3-3.5 | 0.0 | 3-3.5 | 0.5 | 3-3.5 | 1.7 | 3-3.5 | 1.2 |
| 4-5.5 | 0.0 | 4-5.5 | 0.8 | 4-5.5 | 0.4 | 4-5.5 | 0.3 |
| ≥6.0 | 0.0 | ≥6.0 | 0.0 | ≥6.0 | 0.1 | ≥6.0 | 0.1 |
| N= | 200 | N= | 1115 | N= | 1638 | N= | 2104 |

July

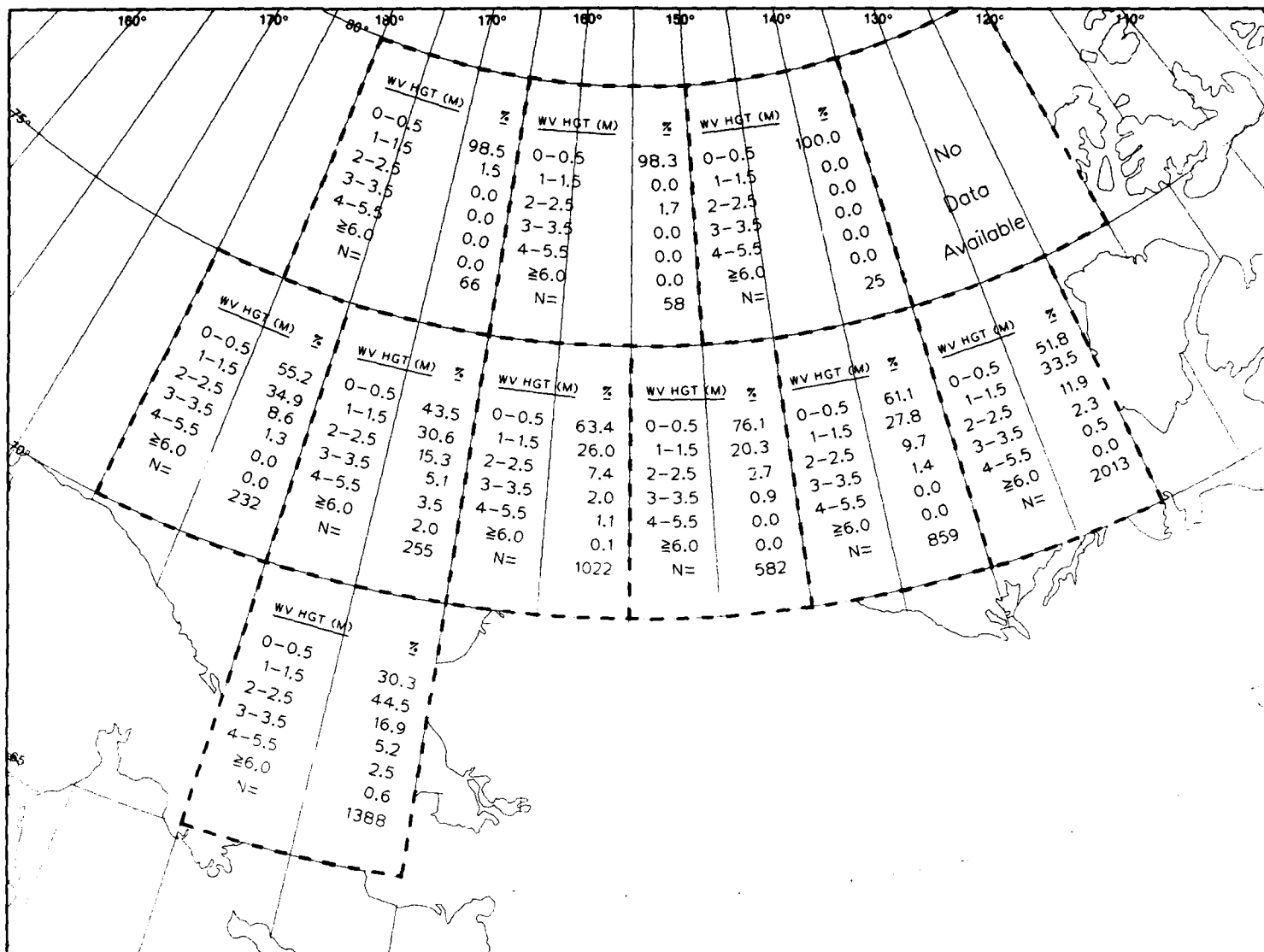
21 Wave Height Thresholds



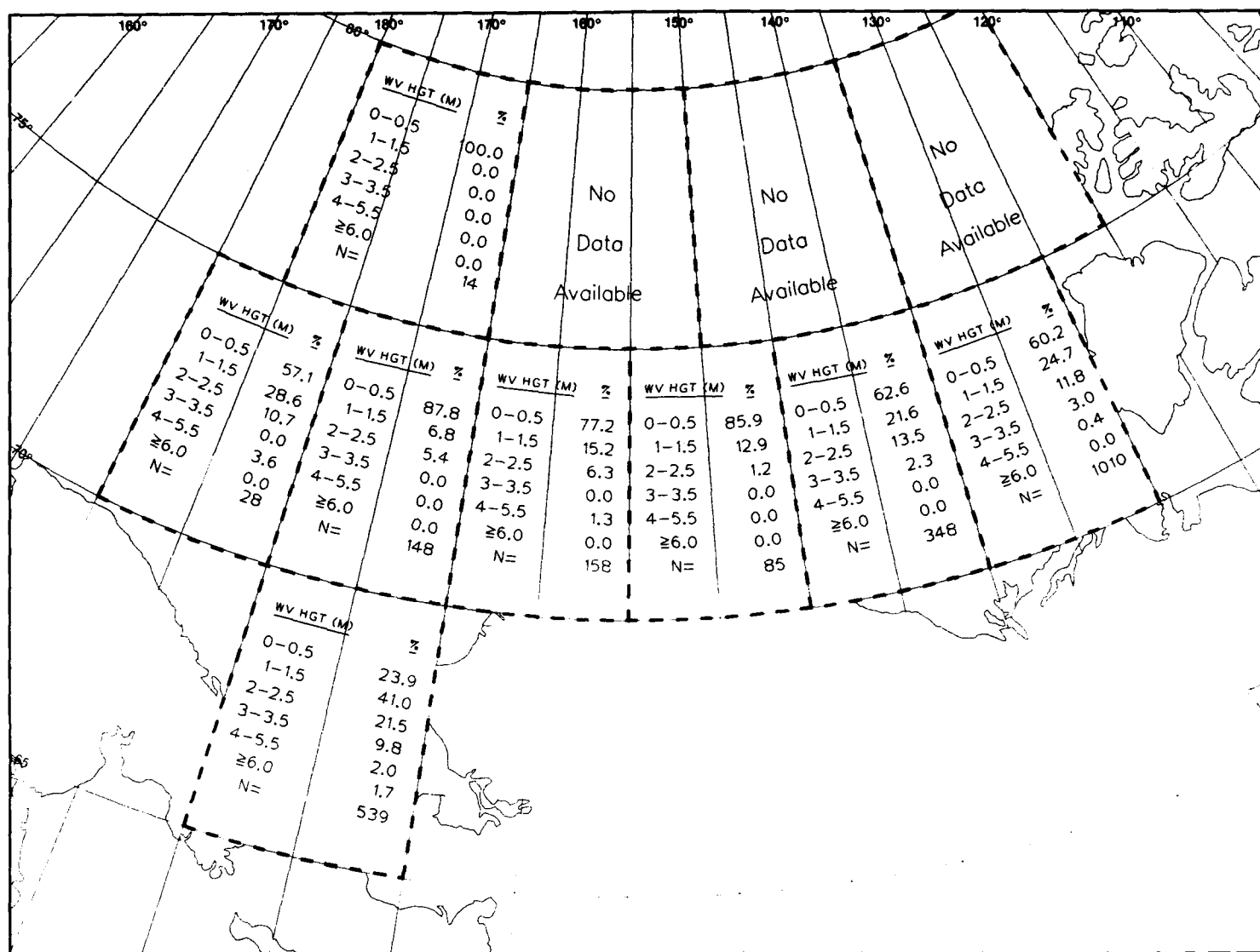
| Marine Area A | | Marine Area B | | Marine Area C | | Marine Area D | |
|-----------------|------|-----------------|------|-----------------|------|-----------------|------|
| WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % |
| 0-0.5 | 74.4 | 0-0.5 | 82.9 | 0-0.5 | 63.1 | 0-0.5 | 45.4 |
| 1-1.5 | 21.8 | 1-1.5 | 14.1 | 1-1.5 | 29.2 | 1-1.5 | 41.8 |
| 2-2.5 | 2.5 | 2-2.5 | 1.9 | 2-2.5 | 6.4 | 2-2.5 | 9.6 |
| 3-3.5 | 0.8 | 3-3.5 | 0.4 | 3-3.5 | 1.0 | 3-3.5 | 2.3 |
| 4-5.5 | 0.6 | 4-5.5 | 0.6 | 4-5.5 | 0.4 | 4-5.5 | 0.8 |
| ≥6.0 | 0.0 | ≥6.0 | 0.0 | ≥6.0 | 0.0 | ≥6.0 | 0.2 |
| N= | 363 | N= | 2490 | N= | 4824 | N= | 1838 |

21 Wave Height Thresholds

August



| Marine Area A | | Marine Area B | | Marine Area C | | Marine Area D | |
|-----------------|------|-----------------|------|-----------------|------|-----------------|------|
| WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % |
| 0-0.5 | 50.8 | 0-0.5 | 68.4 | 0-0.5 | 55.5 | 0-0.5 | 30.4 |
| 1-1.5 | 30.6 | 1-1.5 | 23.8 | 1-1.5 | 30.2 | 1-1.5 | 42.4 |
| 2-2.5 | 12.2 | 2-2.5 | 5.6 | 2-2.5 | 12.1 | 2-2.5 | 18.1 |
| 3-3.5 | 3.3 | 3-3.5 | 1.6 | 3-3.5 | 1.8 | 3-3.5 | 6.2 |
| 4-5.5 | 1.9 | 4-5.5 | 0.6 | 4-5.5 | 0.4 | 4-5.5 | 2.5 |
| ≥ 6.0 | 1.2 | ≥ 6.0 | 0.0 | ≥ 6.0 | 0.0 | ≥ 6.0 | 0.4 |
| N= | 516 | N= | 1591 | N= | 4450 | N= | 1830 |



Marine Area A

| WAVE HEIGHT (M) | % |
|-----------------|------|
| 0-0.5 | 77.3 |
| 1-1.5 | 12.2 |
| 2-2.5 | 9.4 |
| 3-3.5 | 0.0 |
| 4-5.5 | 1.1 |
| ≥6.0 | 0.0 |
| N= | 181 |

Marine Area B

| WAVE HEIGHT (M) | % |
|-----------------|------|
| 0-0.5 | 80.5 |
| 1-1.5 | 14.4 |
| 2-2.5 | 4.7 |
| 3-3.5 | 0.0 |
| 4-5.5 | 0.4 |
| ≥6.0 | 0.0 |
| N= | 236 |

Marine Area C

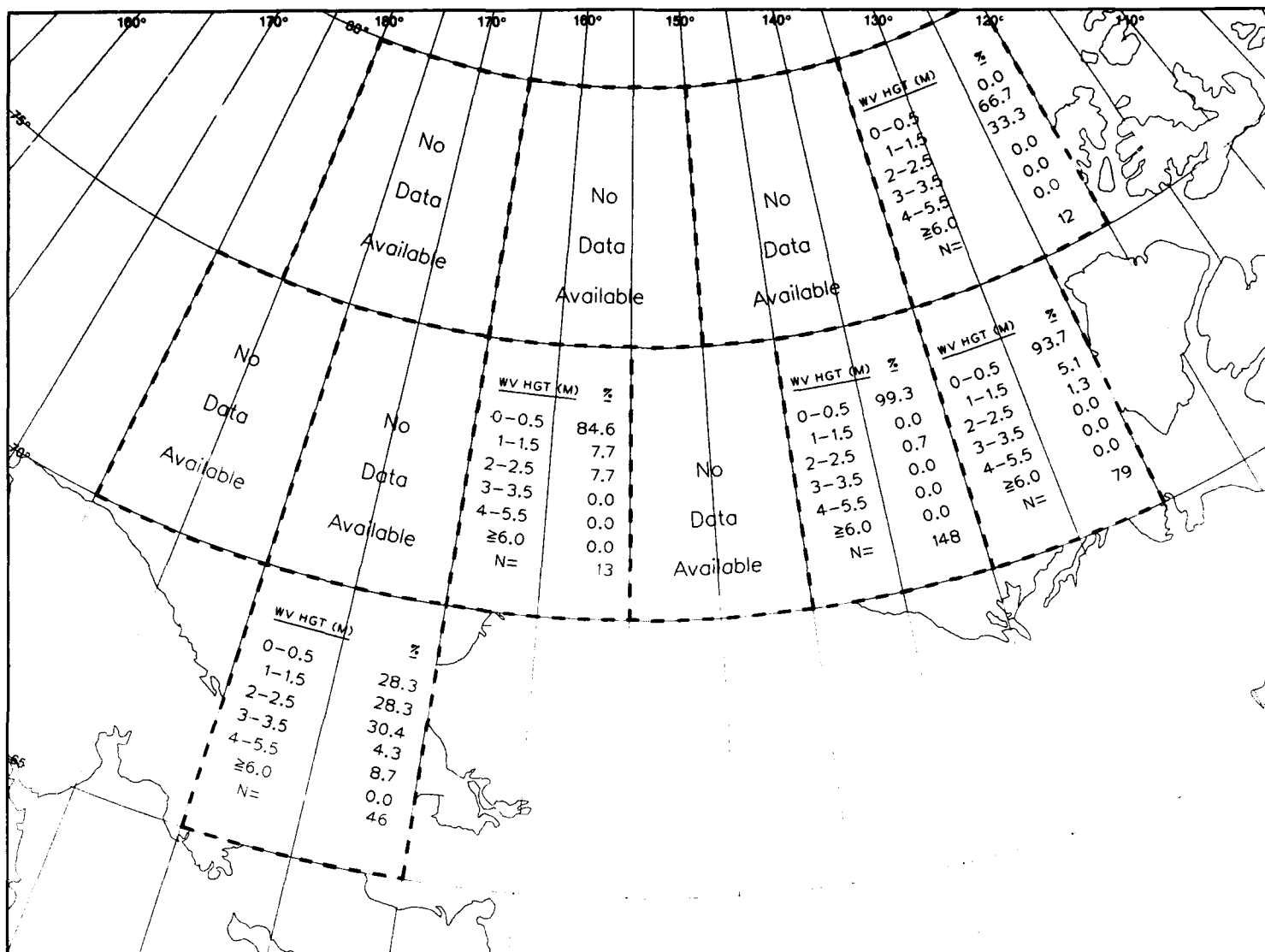
| WAVE HEIGHT (M) | % |
|-----------------|------|
| 0-0.5 | 66.1 |
| 1-1.5 | 19.5 |
| 2-2.5 | 11.0 |
| 3-3.5 | 3.2 |
| 4-5.5 | 0.3 |
| ≥6.0 | 0.0 |
| N= | 2025 |

Marine Area D

| WAVE HEIGHT (M) | % |
|-----------------|------|
| 0-0.5 | 24.7 |
| 1-1.5 | 41.0 |
| 2-2.5 | 22.0 |
| 3-3.5 | 9.0 |
| 4-5.5 | 2.0 |
| ≥6.0 | 1.3 |
| N= | 700 |

21 Wave Height Thresholds

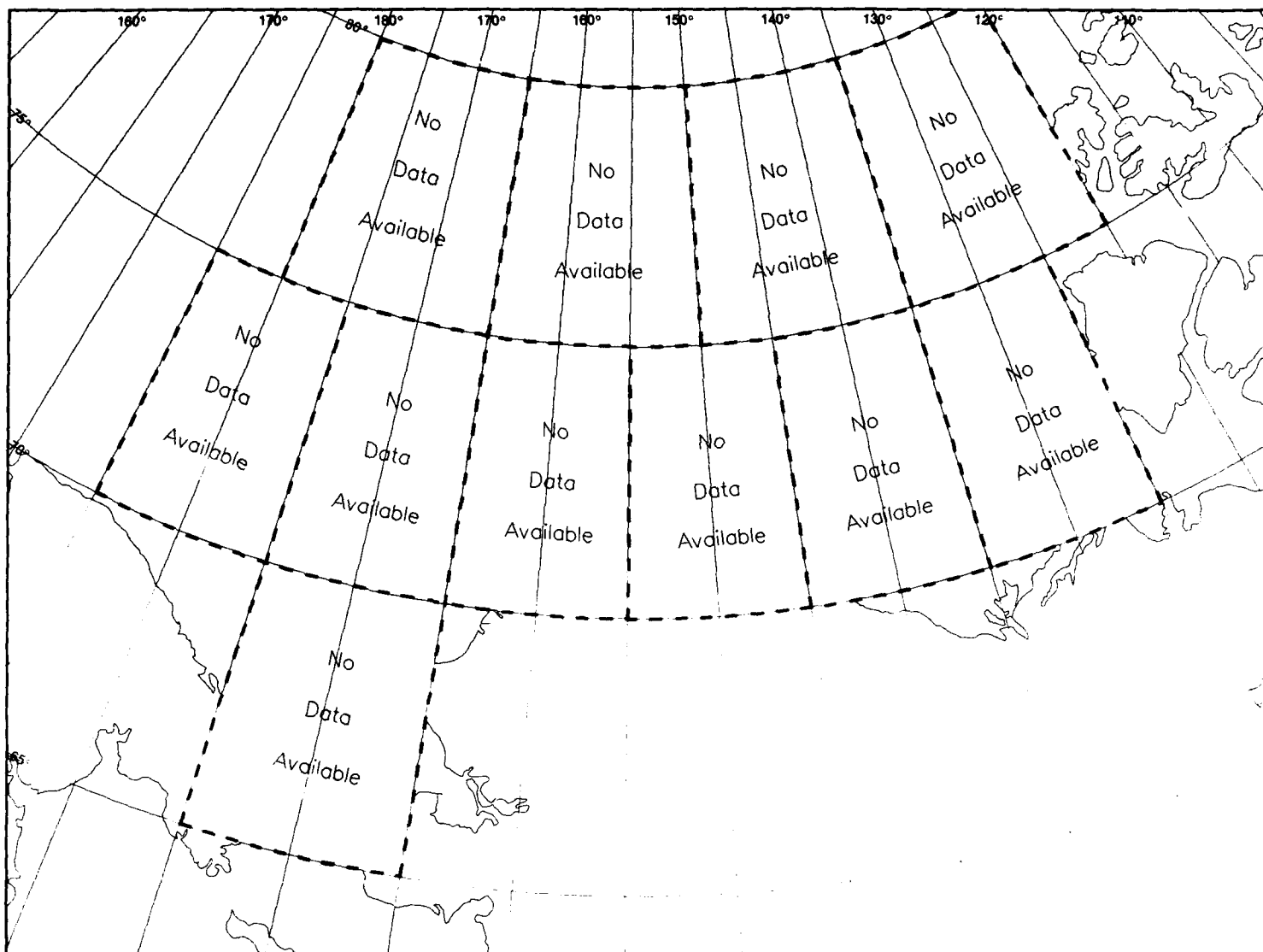
October



| Marine Area A | Marine Area B | | Marine Area C | | Marine Area D | |
|-------------------|-----------------|------|-----------------|------|-----------------|------|
| No Data Available | WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % | WAVE HEIGHT (M) | % |
| | 0-0.5 | 84.6 | 0-0.5 | 98.0 | 0-0.5 | 28.6 |
| | 1-1.5 | 7.7 | 1-1.5 | 1.3 | 1-1.5 | 28.6 |
| | 2-2.5 | 7.7 | 2-2.5 | 0.7 | 2-2.5 | 30.6 |
| | 3-3.5 | 0.0 | 3-3.5 | 0.0 | 3-3.5 | 4.1 |
| | 4-5.5 | 0.0 | 4-5.5 | 0.0 | 4-5.5 | 8.2 |
| | ≥6.0 | 0.0 | ≥6.0 | 0.0 | ≥6.0 | 0.0 |
| | N= | 13 | N= | 307 | N= | 49 |

November

21 Wave Height Thresholds



| Marine Area A | Marine Area B | Marine Area C | Marine Area D |
|-------------------|-------------------|-------------------|-------------------|
| No Data Available | No Data Available | No Data Available | No Data Available |

21 Wave Height Thresholds

December

II-478

22 Legend

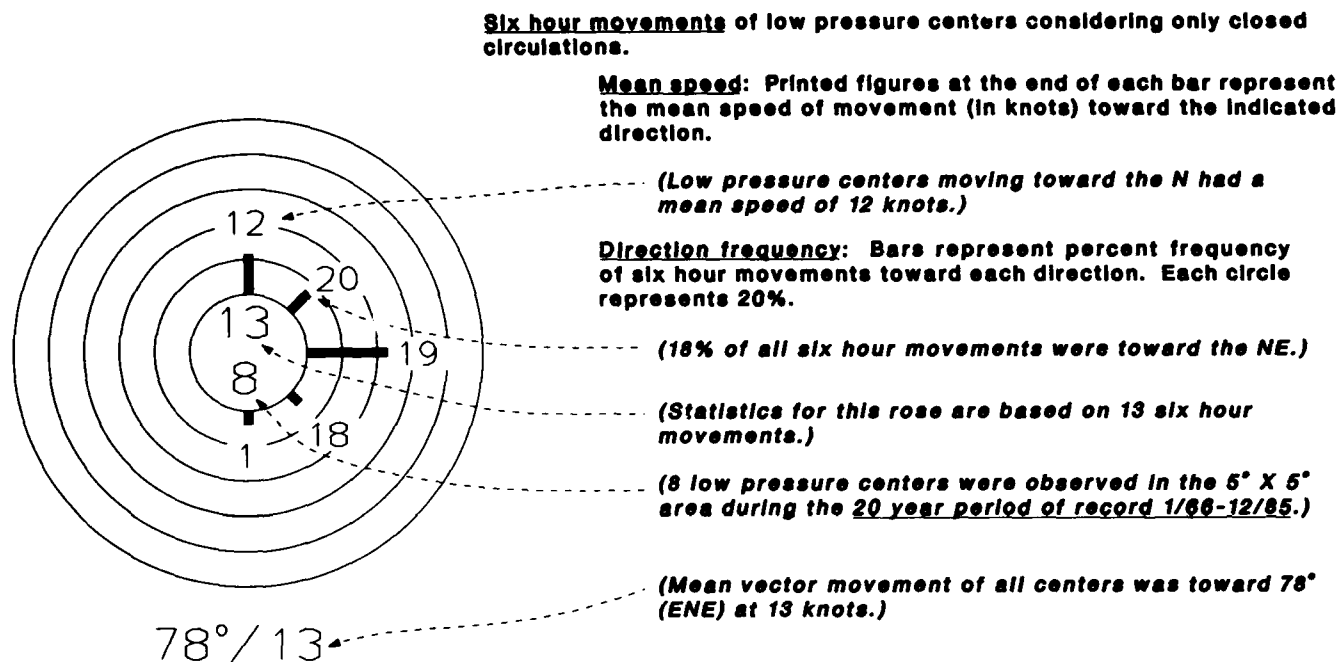
Legend 22

Map 22. Low pressure center movement

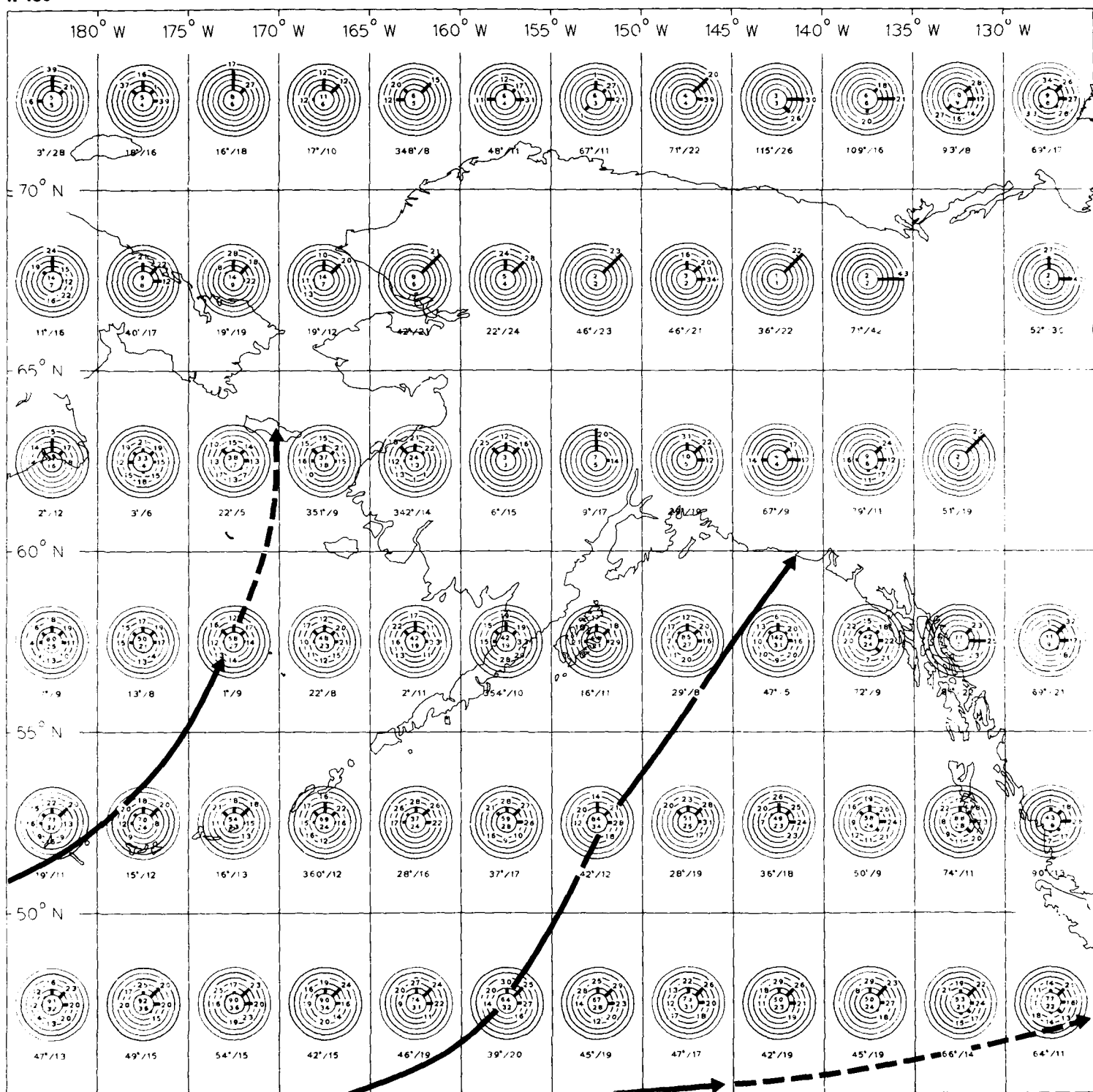
ROSE – Percent frequency of low pressure center movement.

BLACK ARROWS – Preferred storm tracks (solid for primary tracks, dashed for secondary tracks).

Exact Cylindrical Equidistant Projection

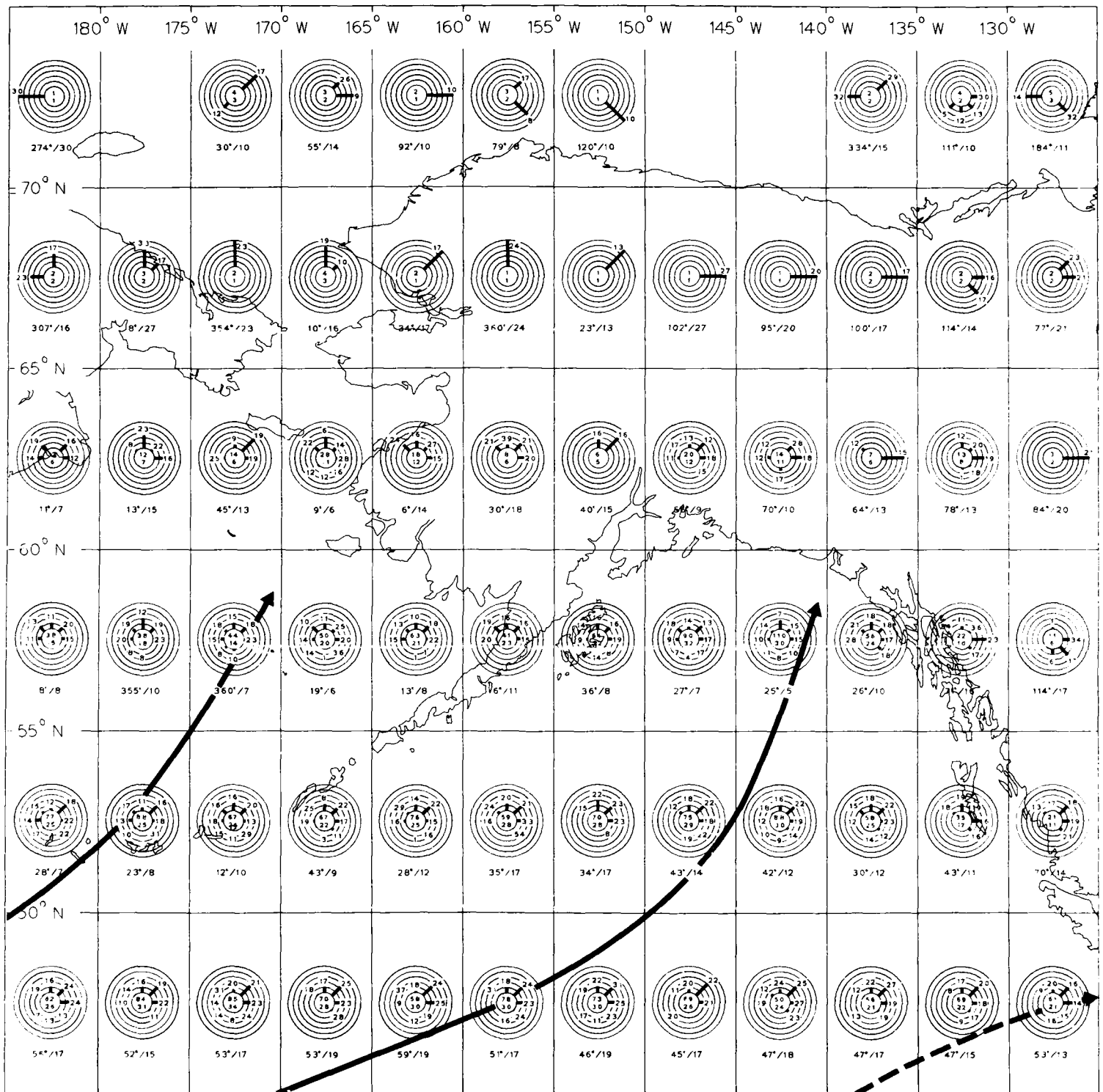


Refer to the introductory text for Section II for more information on low pressure center movement and preferred storm tracks.



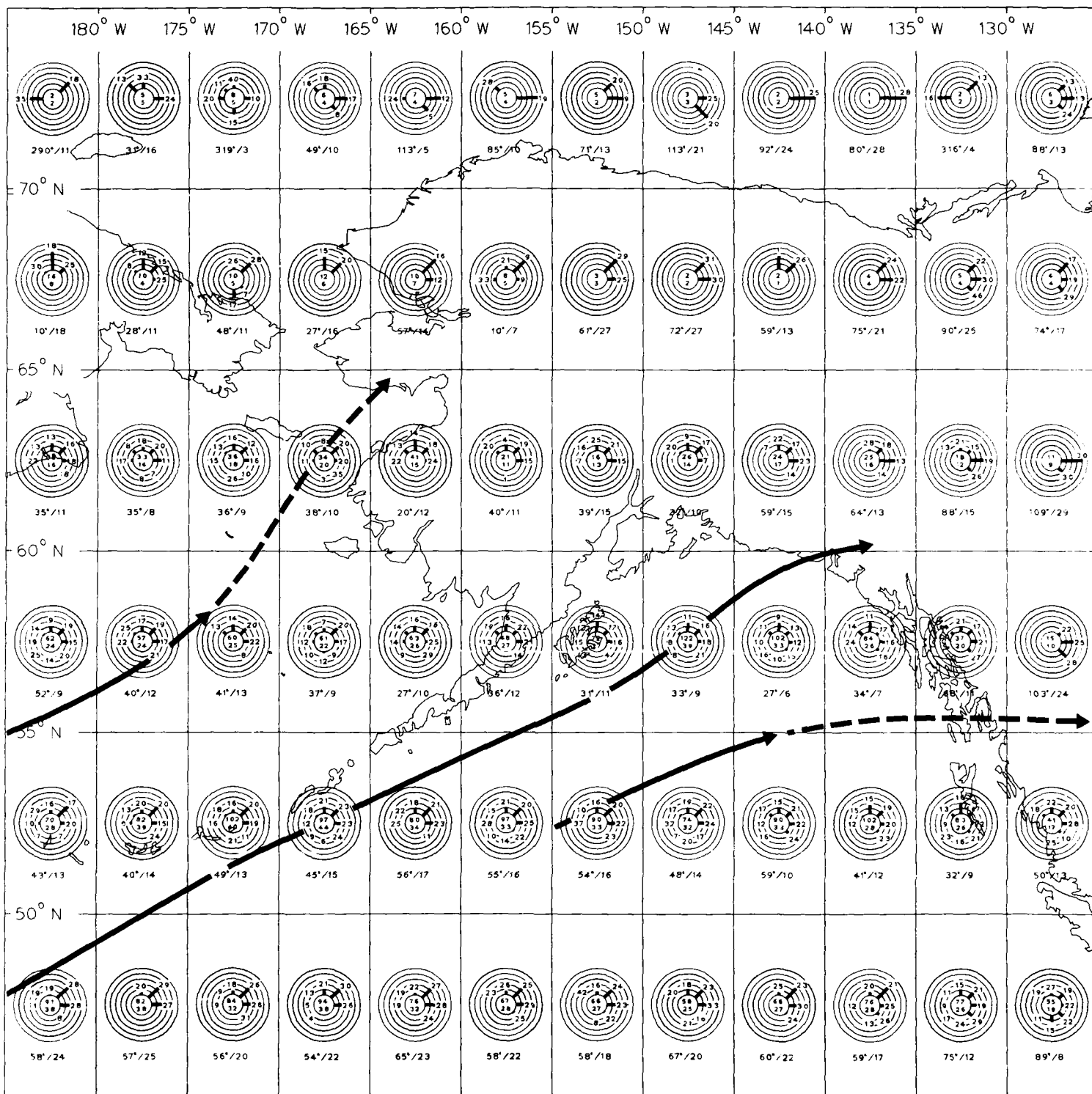
January

22 Low pressure center movement



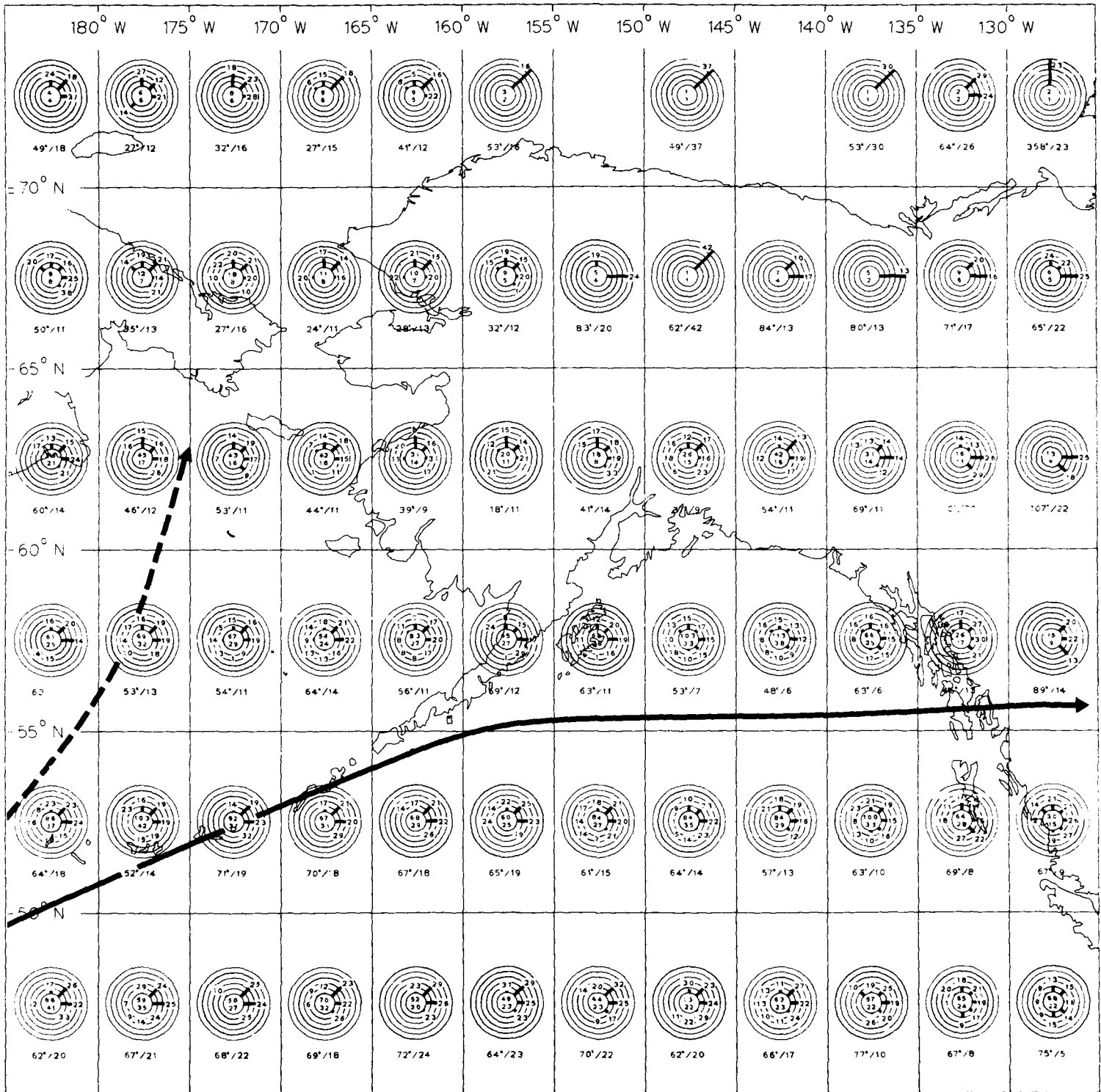
22 Low pressure center movement

February



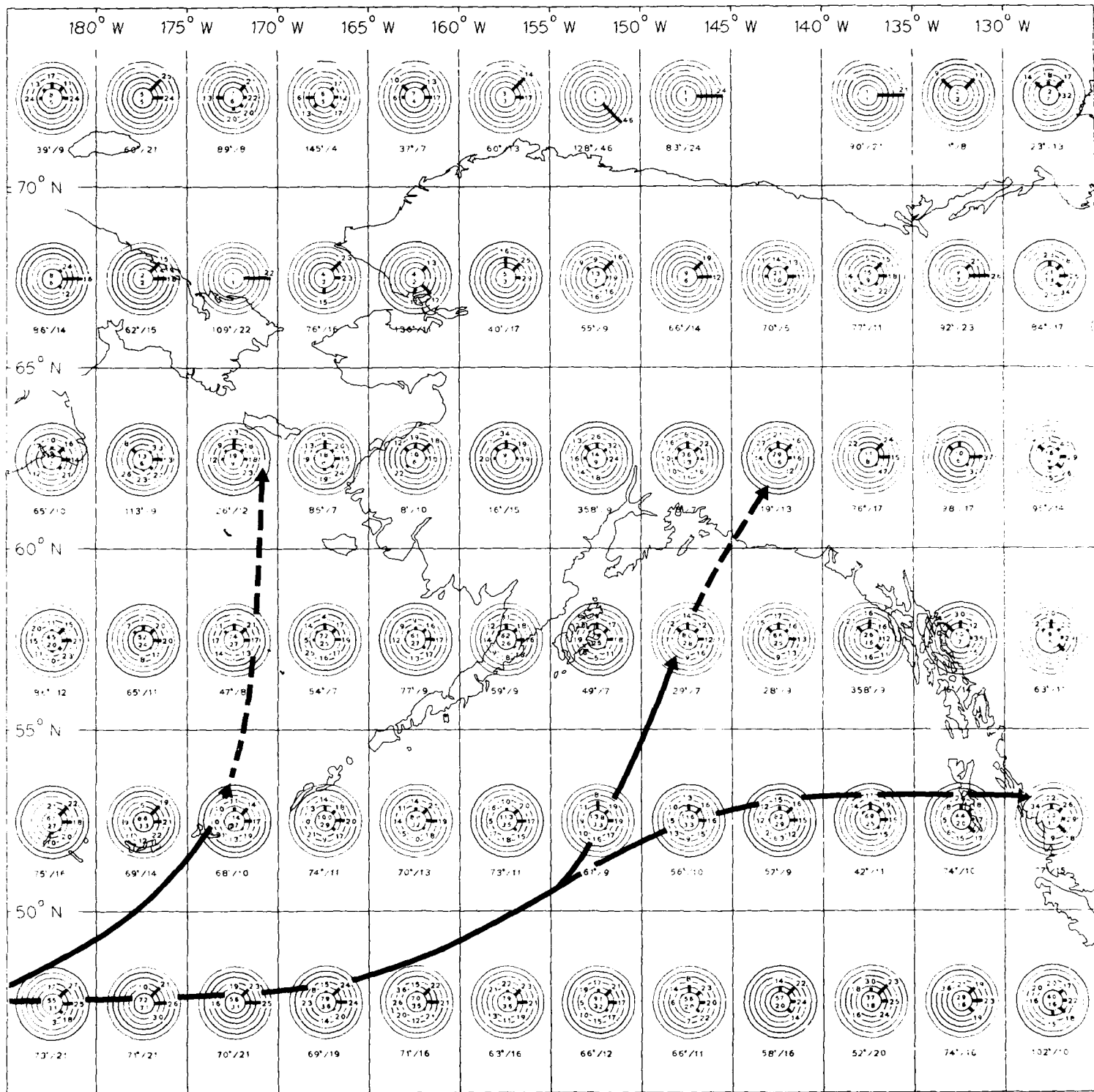
March

22 Low pressure center movement



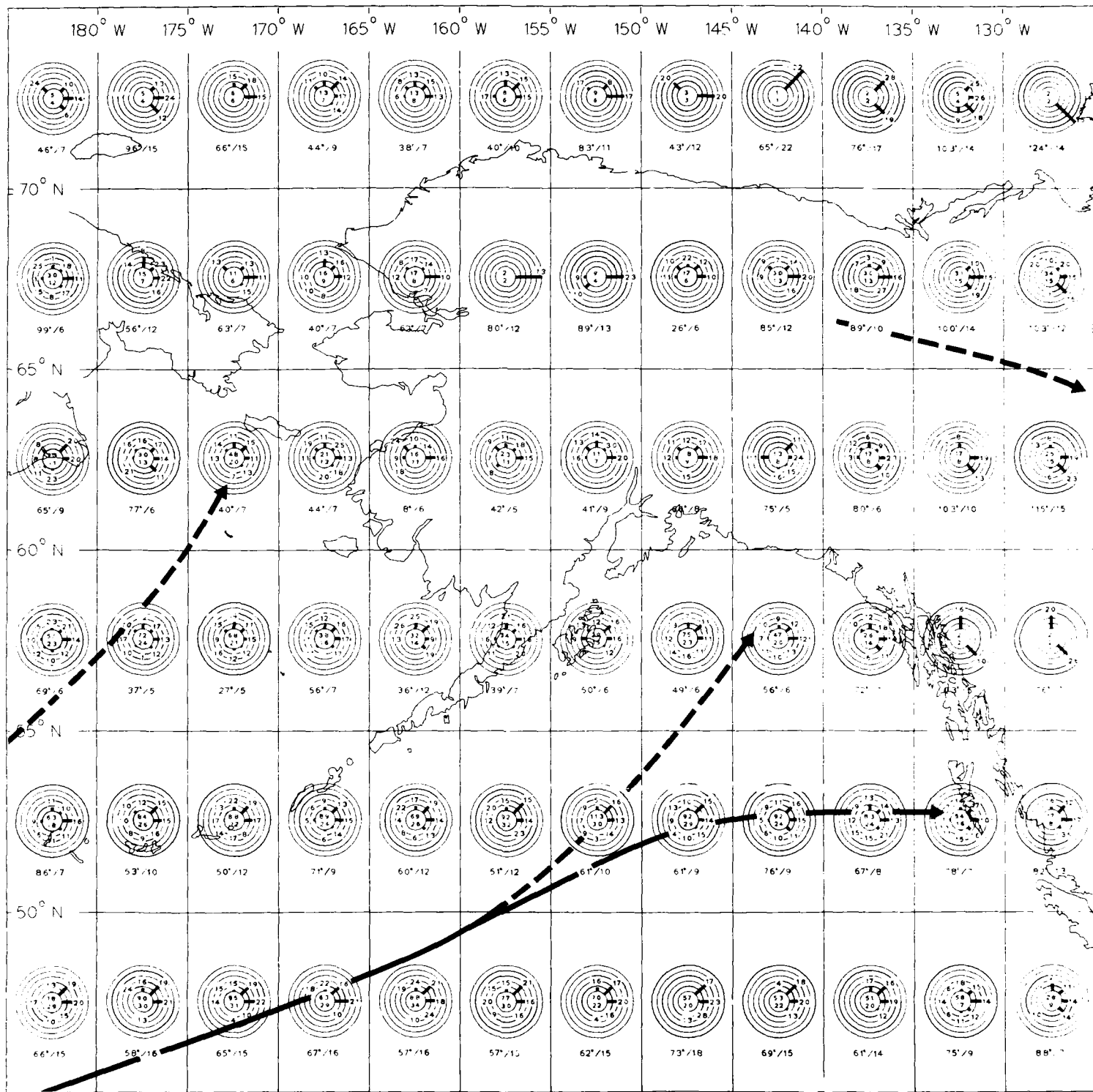
22 Low pressure center movement

April



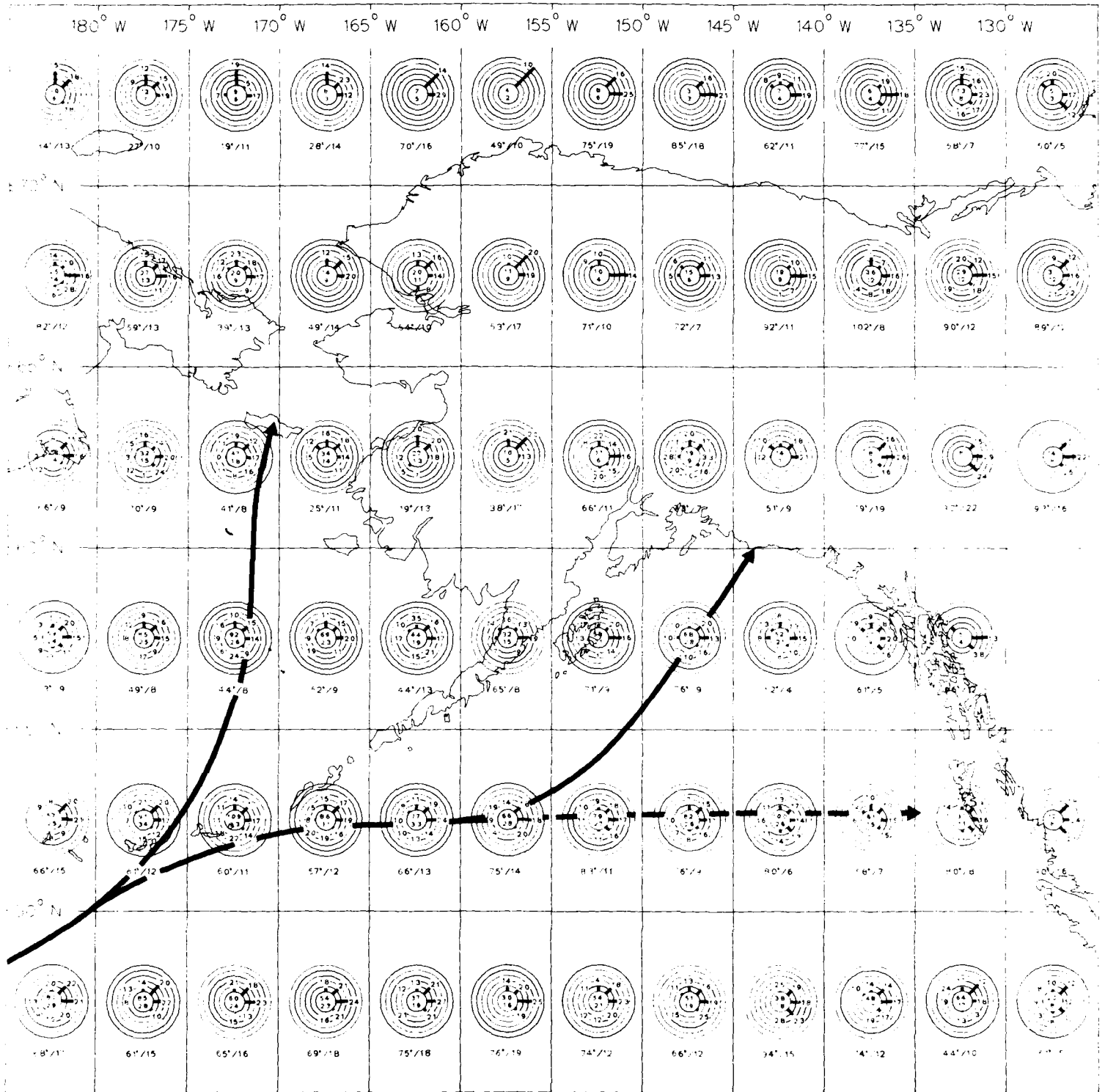
May

22 Low pressure center movement



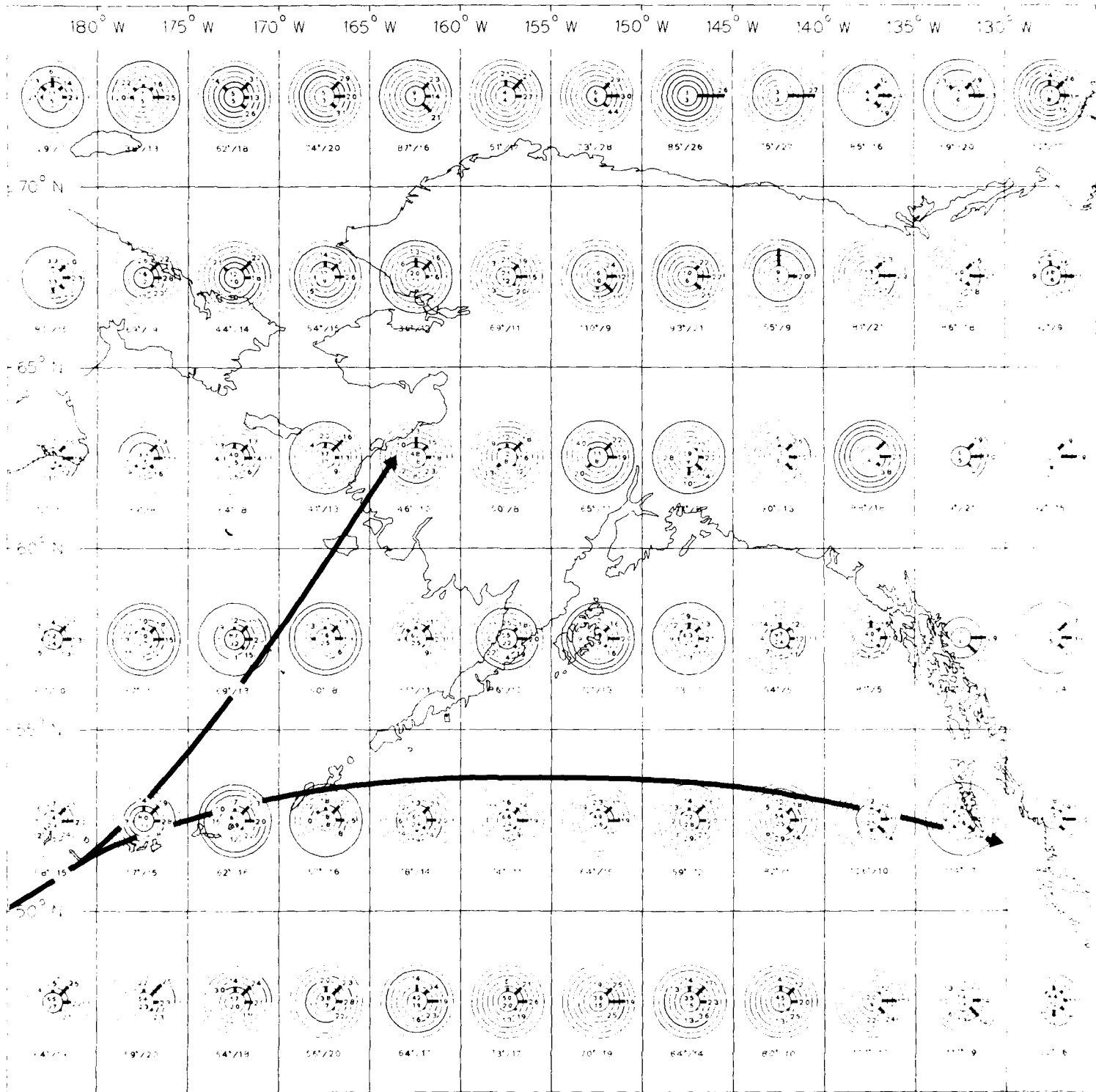
22 Low pressure center movement

June



July

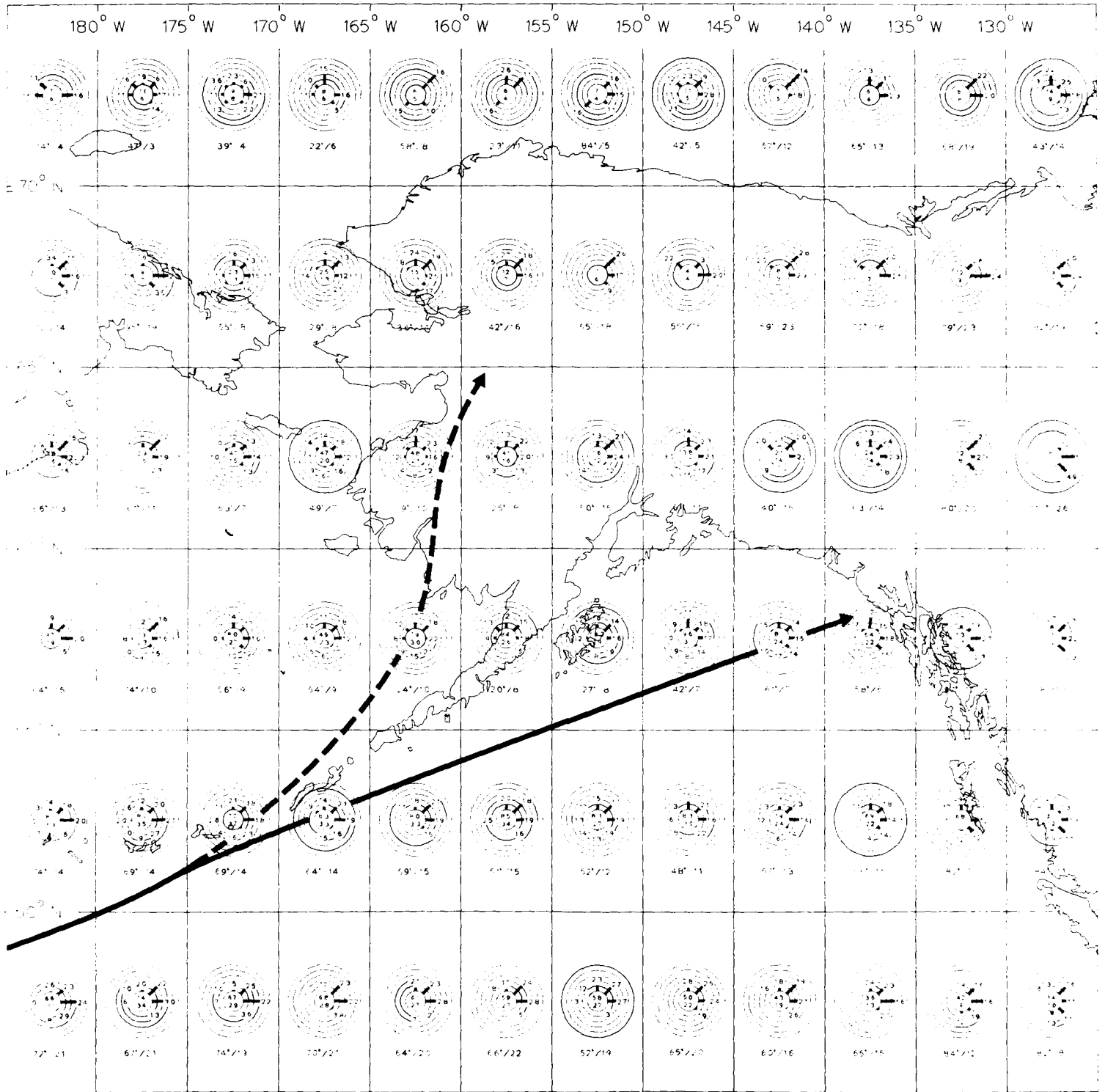
22 Low pressure center movement



22 Low pressure center movement

August

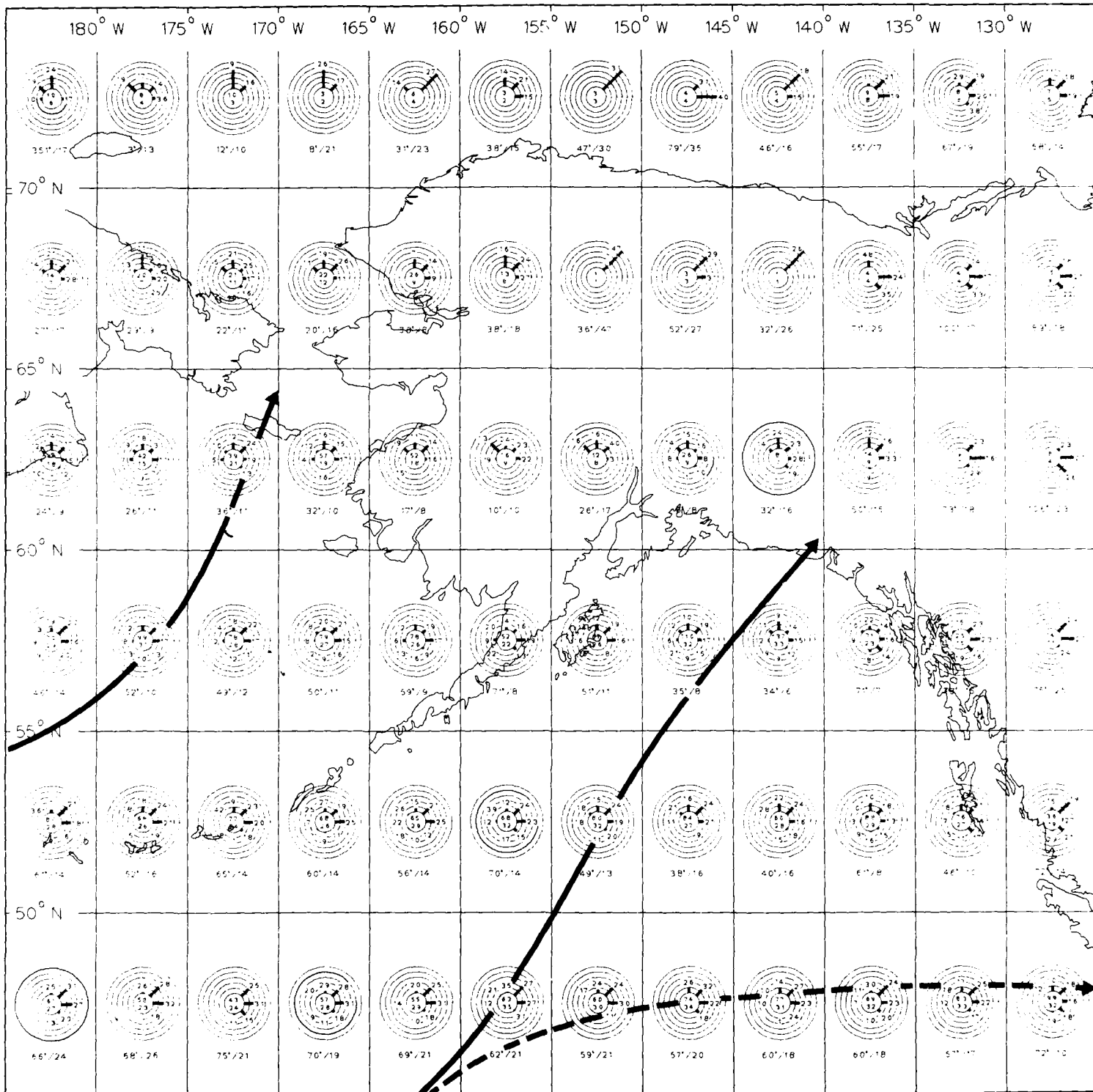
11-488



September

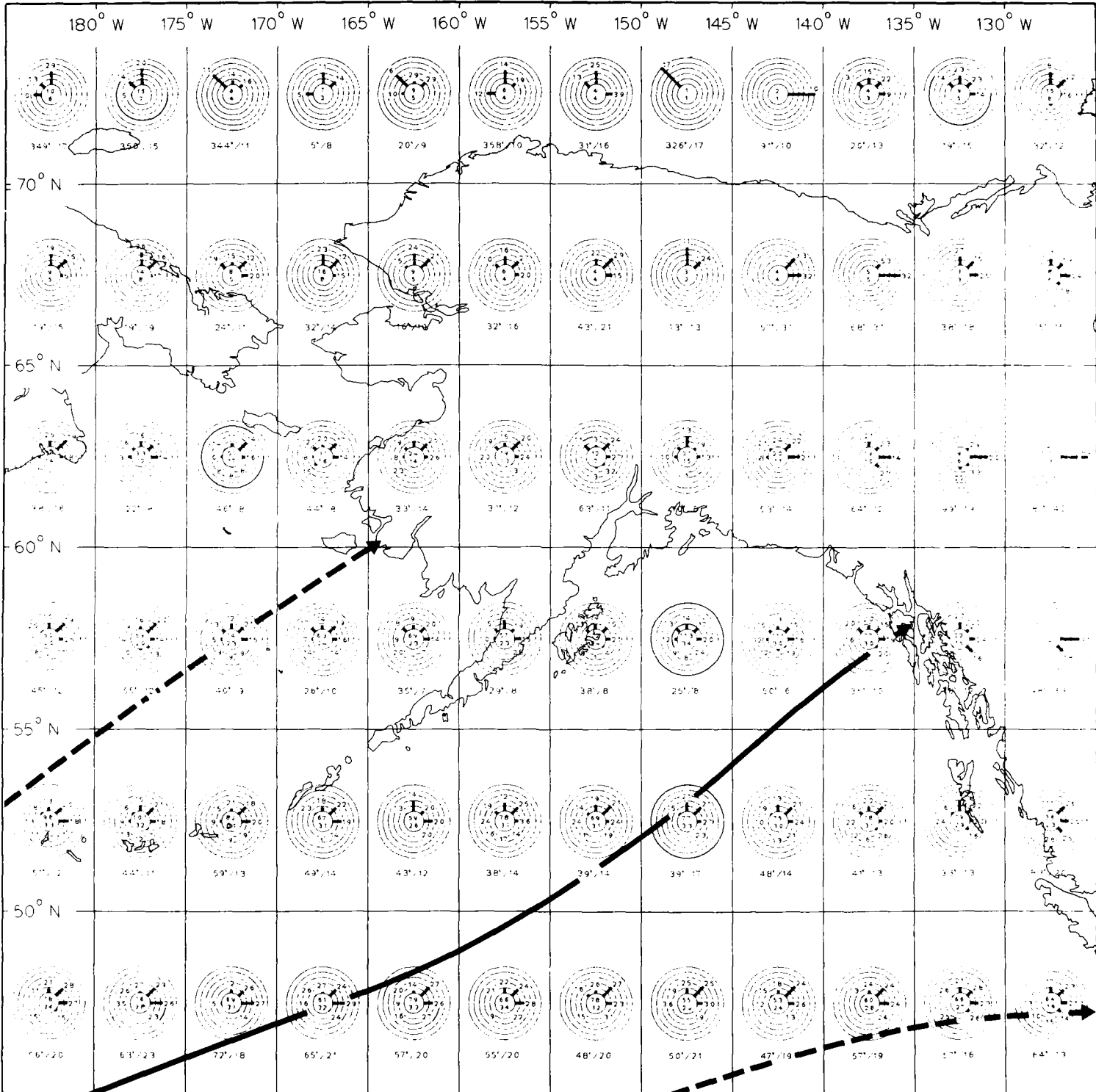
22 Low pressure center movement

October



November

22 Low pressure center movement



22 Low pressure center movement

December

Set 23. Annual maximum wind for selected return periods (Refer to introductory text of Section II for additional information.)

Annual Maximum Winds for Selected Return Periods

Values of the annual maximum sustained wind speeds for selected return periods are presented in the table below for selected coastal stations. These tabular values may be used to construct a graphical analysis of the data similar to the one in Figure 1. The procedure is as follows:

1. Use Fisher-Tippett, Type 1 extreme value probability paper with a natural logarithmic ordinate scale and a probability scaled abscissa. A linear reduced variate scale is also useful in locating intermediate probabilities.
2. Select and plot the annual maximum wind speeds at their corresponding probability values from Table.
3. Draw a straight line connecting those points. This is the line of best fit from which wind speed estimates for intermediate probabilities can be obtained.
4. A one standard error confidence band may be drawn by computing the upper and lower bound according to Gumbel (1958). The computational procedure is as follows:

- a. $S9 = \sqrt{[1/(P-1)] / (1 - \ln(P))}$
- b. $TP = S9 \times A1 / N$, $A1 = 1/\beta$
- c. Upper Bound (P) = $\text{Exp}(\ln(x(P))) + TP$
- d. Lower Bound (P) = $\text{Exp}(\ln(x(P))) - TP$

where S9 = a probability term, TP = standard error at probability P, A1 = scale term $1/\beta$, $x(P)$ is the wind speed at probability [P] in knots, and [N] = sample size. This will give an envelope of the 68-percent confidence band for the estimates.

Graphs similar to Figure 1 have been drawn for each station's annual and monthly values and are available on microfiche from the National Climatic Data Center, Federal Building, Asheville, NC, 28801. Any questions regarding the application of the extreme value model should be addressed to Larry Nicodemus, telephone number (704) 259-0366.

ANNUAL MAXIMUM SUSTAINED WINDS (KNOTS) FOR SELECTED RETURN PERIODS

| STATION NAME | RETURN PERIOD (YEARS) | | | | | | PARAMETERS | | |
|----------------------|-----------------------|------|------|------|------|-------|------------|-------|----|
| | 2 | 5 | 10 | 25 | 50 | 100 | MODE | BETA | N |
| OSTROV VRANGELJA, RA | 51.7 | 59.8 | 65.9 | 72.4 | 81.6 | 89.3 | 49.3 | .1291 | 24 |
| MYS SHMIDTA, RA | 49.5 | 60.7 | 69.4 | 78.9 | 93.2 | 105.6 | 46.4 | .1788 | 25 |
| OSTROV KOLYCHINO, RA | 45.0 | 56.3 | 65.3 | 75.3 | 90.5 | 103.9 | 41.9 | .1975 | 19 |
| MYS ULEN, RA | 57.5 | 66.0 | 72.2 | 78.8 | 88.2 | 96.0 | 55.0 | .1211 | 25 |
| TIN CITY, AK | 49.0 | 55.7 | 60.7 | 65.8 | 73.1 | 79.1 | 47.0 | .1130 | 32 |
| KOTZEBUE, AK | 43.0 | 49.3 | 53.9 | 58.7 | 65.7 | 71.4 | 41.2 | .1195 | 41 |
| CAPE LIZBURNE, AK | 48.7 | 55.3 | 60.2 | 65.2 | 72.4 | 78.3 | 46.8 | .1120 | 33 |
| POINT LAY, AK | 39.7 | 43.5 | 46.3 | 49.0 | 52.9 | 56.0 | 38.6 | .0810 | 29 |
| BARROW, AK | 35.2 | 42.3 | 47.9 | 53.9 | 62.7 | 70.3 | 33.1 | .1637 | 38 |
| LONELY, AK | 36.5 | 41.9 | 45.9 | 50.0 | 55.9 | 60.8 | 35.0 | .1204 | 28 |
| OLIKTOK, AK | 39.1 | 46.9 | 52.8 | 59.2 | 68.7 | 76.8 | 36.9 | .1592 | 28 |
| BARTER, AK | 52.1 | 61.7 | 69.0 | 76.8 | 88.2 | 97.9 | 49.3 | .1490 | 37 |
| TUKTOYAKTUK, CN | 32.9 | 36.3 | 38.8 | 41.3 | 44.8 | 47.6 | 31.8 | .0876 | 26 |
| CAPE PARRY, CN | 37.5 | 43.4 | 47.9 | 52.5 | 59.3 | 64.9 | 35.8 | .1293 | 28 |
| CLINTON POINT, CN | 40.1 | 46.7 | 51.7 | 56.9 | 64.5 | 70.9 | 38.2 | .1345 | 10 |
| HOLMAN, CN | 48.8 | 55.9 | 61.2 | 66.7 | 74.6 | 81.1 | 46.7 | .1203 | 26 |
| SACHS HARBOUR, CN | 39.7 | 44.4 | 47.9 | 51.5 | 56.5 | 60.6 | 38.2 | .1003 | 29 |
| MOULD BAY, CN | 37.9 | 48.5 | 57.2 | 66.9 | 81.9 | 95.4 | 35.0 | .2179 | 32 |

NOTE : SOME OF THE HIGHER RETURN PERIOD VALUES MAY BE UNREALISTIC BECAUSE OF THE SMALL SAMPLE SIZE. THE CONFIDENCE BANDS AT THESE VALUES MAY BE UNUSUALLY WIDE, WHICH INDICATES A HIGH LEVEL OF UNCERTAINTY.

Annual

23 Return period winds

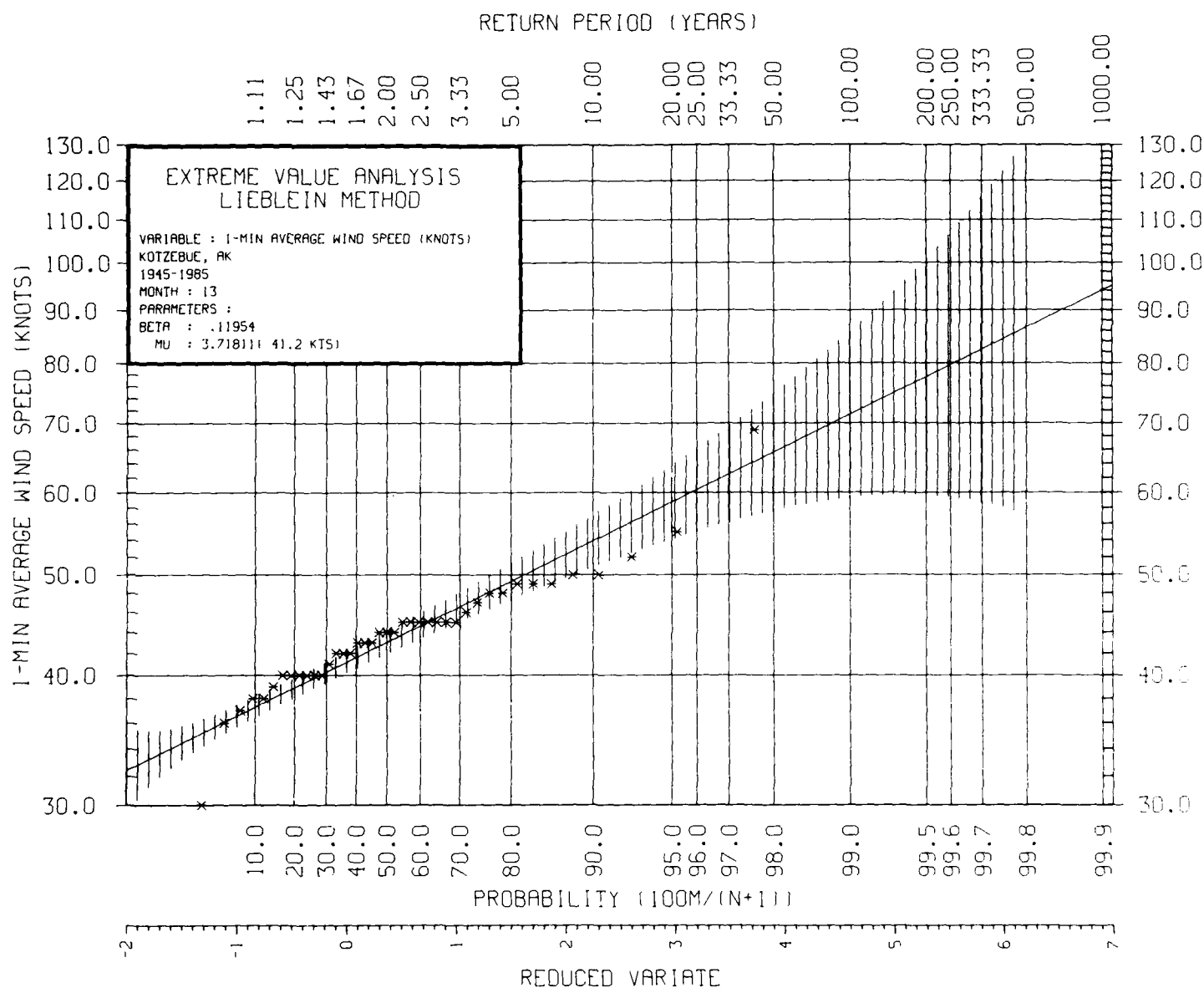


Figure 1. Graphical analysis of annual extreme sustained wind speeds for Kotzebue, AK

23 Return period winds

Annual

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