

AD-A102 401 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KENNEDY SPACE CENTER, FLORIDA. REVISED UNIFORM SUMMARY OF SURFA--ETC(11)
MAY 81
UNCLASSIFIED UAFETAC/DS-81/062 SRIE-AD-E850 093 NL

INT 5

AS
STAND

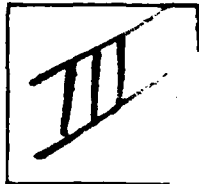
A large grid consisting of 10 columns and 10 rows. The top-left cell is empty, while all other cells are filled with solid black. The grid is bounded by thin white lines.

PHOTOGRAPH THIS SHEET

AD-E850 093

AD A102401

DTIC ACCESSION NUMBER

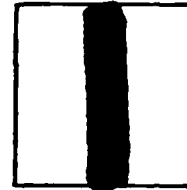


LEVEL



ATTENTION:

Camera Operator
When Filming attached document
use Bell & Howell camera ONLY:::



INVENTORY

Consult with Supervisor for
further instructions.

Rept. No. USAFETAC/DS-81/062

DOCUMENT IDENTIFICATION

21 May 81

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR	
NTIS	GRA&I <input checked="" type="checkbox"/>
DTIC	TAB <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
JUSTIFICATION	
BY	
DISTRIBUTION /	
AVAILABILITY CODES	
DIST	AVAIL AND/OR SPECIAL
A	

DISTRIBUTION STAMP

DTIC
ELECTE
S AUG 4 1981 D
D

DATE ACCESSIONED

81 7 27 067

DATE RECEIVED IN DTIC

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burghann

WALTER S. BURGHANN
AWS Scientific and technical
Information Officer (STINFO)

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

AIDE 850 093

REPORT DOCUMENTATION PAGE		
1. REPORT NUMBER USAFETAC/DS-81/062	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- KENNEDY SPACE CENTER, FLORIDA	5. TYPE OF REPORT & PERIOD COVERED Final rept.	
	6. PERFORMING ORG. REPORT NUMBER	
7. AUTHOR(S)		8. CONTRACT OR GRANT NUMBER(S)
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. OFFICE NAME AND ADDRESS USAFETAC/CDD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 21 MAY 81
13. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		14. SECURITY CLASS. OF THIS REPORT UNCLASSIFIED
15. SECURITY CLASSIFICATION OF ABSTRACT UNCLASSIFIED		
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for KENNEDY SPACE CENTER, CAPE CANAVERAL, FLORIDA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*FLORIDA

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

This product was produced by using data from Cape Canaveral (XMR) and Kennedy Space Center (X68). The period of record for XMR extends to Mar 1978 and then data is from X68. Our recent study revealed no significant statistical differences in weather parameters in this area. However there may be small variations in extreme values from one station to the next. Use the extreme values with caution. These pages are stamped:

"USE WITH CAUTION SEE FIRST PAGE"

DATA PROCESSING DIVISION
U.S. AFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA
PART B PRECIPITATION
SNOWFALL
SNOW DEPTH
PART C SURFACE WINDS
PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY
PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS:

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
12868	Cape Canaveral Florida	N 28 28	W 080 33	10	MR	74794

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARD.	
1.	Cape Canaveral Florida (Longrange Proving Ground)	AFS	Aug 50	Jan 53	N 28 28	W 080 33	14	17 ft	24
2.	Same	Same	Feb 53	Feb 54	Same	Same	Same	Same	24
3.	Same	Same	Mar 54	Oct 56	Same	Same	10	Same	9-12
4.	Cape Canaveral Florida	Same	Nov 56	Mar 64	N 28 29	Same	Same	16 ft	24
5.	Cape Kennedy AFS Florida	Same	Apr 64	Mar 70	Same	Same	Same	Same	24
6.	Same	Same	Apr 70	Feb 78	N 28 28	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Aug 50	Located on top of weather station	GMQ-1	ML-204B	40 ft	
2.	Mar 54	Located on the NE corner of the weather station	GMQ-1A	Same	49 ft	
3.	Apr 56	Located on top of weather station	Same	Same	35 ft	
4.	Apr 58	1. Located on roof of inflation shelter	Same	Same	36 ft	
		2. Same	Stewart Type Friez	Stewart Type	33 ft	
		3. Same	Same	ML 141-5	34 ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		HT ABOVE GROUND
5.	Apr 62	1. Located on roof of inflation shelter	GMQ-1A	ML-204B	36 ft	
6.	Apr 63	2. Same Located on roof of inflation shelter	Friez Same	M 141-5 Same	34 ft Same	
7.	Apr 67	Located on roof of inflation shelter which adjoins weather station on E side	Same	Same	Same	
8.	Mar 79	Same	Same	Same	Same	

STATION NO. OR SUMMARY 12886	STATION NAME KSC Shuttle Apt Florida	LATITUDE N 28 37	LONGITUDE W 080 41	FIELD ELEV (FT) 9	CALL SIGN X68	WMO NUMBER
---------------------------------	---	---------------------	-----------------------	----------------------	------------------	------------

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1.	KSC Shuttle Apt, FL	AFS	Mar 78	Aug 80	N 28 35	W 080 41	9	16 ft	24
2.	Same	Same	Aug 80	Mar 81	N 28 37	W 080 41	9	13 ft	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Mar 78	1. Located atop 10 meter towers, nearly equidistant, along, and 150 east of Shuttle Runway centerline	Climat 0125	E 1102 S Esterline Angus	10 ft	
		2. Located 140 ft SW of observing tower.	AN/GMQ11	RO-2	13 ft	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".05" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

0
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

WEATHER CONDITIONS

17 FL KENNEDY SPACE CENTER FL 69-7, 73-0 FE
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FLC	00-01		3.4				3.4	3.2	.5			3.7	846
	03-05		3.4				3.4	5.3	.4			5.3	846
	06-08		4.7				4.7	11.6	.7			12.3	846
	09-11	.2	4.5				4.5	5.8	1.4			5.3	846
	12-14	.5	3.7				3.7	.4	.5			1.2	846
	15-17	.4	4.5				4.5	1.2	.5			1.7	846
	18-20	.2	4.4				4.4	2.4	.6			3.0	846
	21-23	.4	6.0				6.0	2.0	.7			1.7	846
TOTALS		.2	4.4				4.4	4.0	.7			4.4	6709

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17890 KENNEDY SPACE CENTER FL 69-71, 73-67 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (U.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.8	1.4				1.4	.2	.6			.6	929
	03-05		.8				.8	.2	.3			.5	930
	06-08	.5	2.3				2.3	4.3	1.1			4.7	930
	09-11	1.7	3.2				3.2	.5	1.6			2.1	930
	12-14	6.1	5.5				5.5		1.2			1.2	930
	15-17	7.6	6.7				6.7	.1	1.4			1.5	930
	18-20	6.9	5.6				5.6	.4	1.5			1.8	930
	21-23	2.8	5.3				5.3	.3	.9			1.2	930
TOTALS		3.3	3.9				3.9	.8	1.1			1.7	7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

WEATHER CONDITIONS

1988 KENNEDY SPACE CENTER FL 69-70,73-8 JUL
 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-03	.8	1.3				1.3	.1	.0			.2	930
	03-05	.1	.4				.4	.3	.6			.9	930
	06-08	1.3	1.4				1.4	2.5	1.9			4.2	930
	09-11	2.6	2.7				2.7		1.0			1.7	930
	12-14	12.0	4.6				4.6		.6			.6	930
	15-17	20.2	8.7				8.7	.2	.9			1.1	930
	18-20	12.7	8.7				8.7	.0	1.5			2.2	930
	21-23	4.3	3.3				3.3		.5			.5	930
TOTALS		6.8	3.9				3.9	.5	1.0			1.4	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1976 KENNEDY SPACE CENTER FL 67-71, 73-81 807
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
807	01-02	1.3	1.3				1.3	.8	.1			.9	930
	03-05	1.3	1.8				1.3	1.6				1.6	930
	06-08	.8	1.2				1.2	3.1	.8			3.7	930
	09-11	2.8	2.8				2.8	.1	.9			1.7	930
	12-14	8.4	3.4				3.4		.3			.3	930
	15-17	14.9	9.6				9.6	.3	.5			.9	930
	18-20	8.7	6.6				6.6	.5	1.6			2.2	930
	21-23	2.6	2.4				2.4	.3	.2			.5	930
TOTALS		5.1	3.6				3.6	.8	.6			1.4	7440

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JULY 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1969 KENNEDY SPACE CENTER FL 69-70, 73-80 SEP
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	3.7	4.6				4.6	.4	.2			.7	900
	03-05	2.4	4.7				4.7	.9				.9	900
	06-08	1.8	5.9				5.9	3.0	.7			3.7	900
	09-11	1.7	4.3				4.3		.3			.3	900
	12-14	6.6	5.2				5.2						900
	15-17	8.3	7.0				7.0		.4			.4	900
	18-20	6.8	9.1				9.1		.6			.6	900
	21-23	4.1	6.7				6.7	.1	.3			.4	900
TOTALS		4.4	5.9				5.9	.6	.3			.9	7200

1
2

REGIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 1963 KENNEDY SPACE CENTER FL 69-70, 73-80 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.5	2.7				2.7	.3				.2	429
	03-05	.2	2.0				2.0	1.5				1.5	430
	06-08	.5	4.4				4.4	4.8				4.0	430
	09-11	.2	3.8				3.8	.7	.2			.4	429
	12-14	1.0	5.4				5.4	.3				.3	430
	15-17	1.4	5.5				5.5	.1				.1	430
	18-20	1.6	5.4				5.4		.4			.4	428
	21-23	.9	3.9				3.9						429
TOTALS		.8	4.1				4.1	.9	.1			1.0	7435

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1988 KENNEDY SPACE CENTER FL 69-77,73-67 NOV
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02		3.6				3.6	3.2	.4			3.7	900
	03-05	.3	3.9				3.9	5.1				3.7	900
	06-08	.1	3.2				3.2	3.6	.1			3.6	900
	09-11		3.9				3.9	2.6	.2			2.8	900
	12-14	.2	3.8				3.6		.6			.6	900
	15-17	.8	4.2				4.2	.3	1.1			1.4	900
	18-20	.8	4.1				4.1	.7	1.6			3.2	898
	21-23	.7	4.2				4.2	1.2	.7			3.0	897
TOTALS		.4	3.9				3.9	2.7	.6			3.3	7195

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17 25 KENNEDY SPACE CENTER FL 68-7 , 73-79 DEC
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		4.2				4.2	5.2				5.2	930
	03-05	.1	4.3				4.3	7.1				7.1	930
	06-08		3.9				3.9	10.1				10.1	930
	09-11	.2	4.2				4.6	4.3	.2			4.5	930
	12-14	.4	5.7				5.7	.6				.6	930
	15-17	.6	5.5				5.5	.6				.6	930
	18-20	.1	4.7				4.7	1.3				1.3	928
	21-23		5.2				5.2	2.8				2.8	927
TOTALS		.2	4.7				4.7	4.0	.2			4.1	7435

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 00 KENNEDY SPACE CENTER FL 68-70, 73-81 ALL
 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	0.2	4.3				4.3	4.7	0.1			4.1	7440
FEB		0.2	4.4				4.4	4.1	0.7			4.6	6768
MAR		0.7	3.9				3.9	2.9	0.5			3.4	7432
APR		0.7	1.7				1.7	1.5	0.3			1.7	7199
MAY		3.3	3.9				3.9	0.6	1.1			1.7	7439
JUN		4.9	4.7				4.7	0.7	0.7			1.4	7260
JUL		6.8	3.9				3.9	0.5	1.0			1.4	7440
AUG		5.1	3.6				3.6	0.8	0.6			1.4	7447
SEP		4.4	3.9				3.9	0.6	0.2			0.9	7260
OCT		0.8	4.1				4.1	0.9	0.1			1.0	7435
NOV		0.4	3.9				3.9	2.7	0.6			3.3	7195
DEC		0.2	4.7				4.7	4.0	0.0			4.1	7435
TOTALS		2.3	4.1				4.1	2.0	0.5			2.5	97623

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

XX WEATHER CONDITIONS XX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

1 1980 WINDLEY SPACE CENTER FL 10-80, 87-80 3LL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	7.9	32.5		.1		32.8	20.2	3.0			11.0	674
FEB		8.4	34.0				34.0	25.8	4.4		.1	25.0	775
MAR		9.4	33.1				33.1	21.0	4.0			25.0	806
APR		9.6	34.6				34.6	13.1	4.4		.1	14.5	751
MAY		27.1	35.7			.5	36.7	3.9	8.3			11.5	809
JUN		43.8	47.9				47.9	7.6	3.5			8.7	751
JUL		51.5	45.5				45.5	5.2	2.2			6.9	806
AUG		46.4	45.9				45.9	7.9	2.4			8.4	834
SEP		32.7	56.9				56.9	5.6	2.0			7.0	810
OCT		12.4	46.3				46.3	8.6	2.3			10.4	835
NOV		3.7	33.5				33.5	19.5	3.7			21.5	810
DEC		2.0	35.4				35.4	24.0	2.1			24.6	775
TOTALS		20.6	39.4		.1	.5	39.4	14.8	3.4		.0	15.5	6590

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 57 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

1
2

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN																		
FEB																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

I

U.S. AIR FORCE
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/MAJ

REPORT ON
 SEE FIRST PAGE

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1. STATION NAME: WINDY SPACE CENTER FL
 STATION NAME: WINDY SPACE CENTER FL
 YEARS: 1950-52-8

RA FOUNT AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
51	.81	2.12	.79	2.55	1.38	1.22	.80	.84	1.12	1.7	1.22	1.14	
52	.47	1.32	1.11	2.1	.57	.93	.75	1.75	4.3	2.57	1.54	1.4	
53	2.93	1.24	1.47	1.66	.93	1.22	2.11	1.75	1.67	.82	.55	1.17	
54	1.71	1.13	1.26	1.12	.72	.65	1.47	.61	1.71	1.02	1.39	1.17	
55	1.43	1.24	1.43	1.55	.89	1.72	2.33	2.27	1.44	1.51	1.65	.82	
56	.63	.84	1.67	.71	1.42	1.25	1.57	1.41	.10	1.72	.51	.4	
57	2.22	.86	.57	.44	.73	2.21	2.13	2.32	1.92	1.5	1.32	.8	
58	.85	1.10	1.27	.82	.94	2.66	2.23	1.51	1.64	1.31	1.72	.1	
59	.63	2.9	.3	.71	.71	.95	2.57	1.45	5.82	.72	1.89	.73	
60	1.27	.99	1.77	.71	1.27	.73	2.24	2.41	4.23	1.92	1.42	.89	
61	1.27	1.52	1.52	.13	.3	1.73	.89	1.17	.82	1.24	1.47	.73	
62	1.27	3.17	1.94	1.25	1.53	4.76	.75	2.28	1.24	1.12	1.45	.1	
63	.73	1.75	.25	.7	TRACE	1.28	2.22	.92	1.72	.23	TRACE	.1	
64	.23	1.50	1.72	.67	1.12	4.34	1.37	1.62	1.22	5.22	.73	.1	
65	1.4	.37	1.41	.16	2.65	.49	1.32	1.73	1.64	1.82	.92	1.42	
66	2.42	.74	1.22	.20	1.32	.89	1.44	1.1	.57	.77	.12	.7	
67	.1	2.42	.20	1.22	1.22	.58	.72	1.77	2.22	1.16	1.52	1.17	
68	.1	1.71	3.22	.73	1.32	2.71	1.22	1.22	.62	2.51	4.02	.82	
69	1.22	.78	1.22	.64	.75	1.68	1.12	1.21	2.51	1.93	.77	.22	
70	.23	.15	.77	.53	.71	1.32	2.22	2.02	1.12	1.64	.45	.74	
71	.23	.45	.72	.20	1.23	2.62	.51	1.49	2.61	1.7	.22	.1	
72	.43	.45	.52	.49	1.22	.70	.65	1.84	2.22	1.31	2.22	.73	
73	.15	.73	.11	.11	.55	.17	1.22	2.12	1.41	2.42	4.93	.82	
74	1.22	1.27	1.42	.13	1.45	3.29	2.42	.29	1.12	2.12	.43	1.67	
75	4.52	.52	.92	.43	1.49	2.27	1.32	1.97	3.61	1.23	1.75	.73	
76	1.27	1.52	.82	1.43	2.14	1.34	2.52	1.82	.92	.52	1.8		
MEAN	1.234	1.339	1.279	.728	1.147	1.682	1.533	1.722	2.117	1.321	1.375	.772	3.244
S.D.	1.671	.694	1.076	.649	.732	1.293	.84	1.119	1.407	1.321	1.457	.452	1.769
TOTAL OBS.	274	735	876	722	376	722	573	832	512	532	310	772	2521

NOTE: TRACE FOR LESS THAN YEAR FULL MONTHS

EXTREME VALUES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

UNITED STATES AIR FORCE
 WEATHER SERVICE

STATION: WHEELER SPACE CENTER FL STATION NAME: WHEELER YEARS: 51-2

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	0.71	2.76	0.89	4.34	3.29	4.64	0.44	2.15	4.56	2.93	1.93	1.74	31.64
52	0.54	3.34	4.06	1.44	1.88	1.95	1.64	1.34	14.23	4.40	1.15	0.00	48.89
53	4.12	3.97	4.31	3.79	3.93	3.04	7.27	7.29	4.47	2.38	1.54	2.76	48.79
54	3.57	2.23	4.40	2.15	1.42	2.75	3.97	1.63	2.78	4.05	1.65	1.47	37.84
55	2.51	4.75	4.32	4.27	1.62	4.71	5.70	4.01	5.25	5.34	7.01	2.00	50.11
56	0.82	4.57	11.27	0.89	1.81	7.11	8.27	4.77	10.62	5.75	1.74	1.74	58.89
57	1.72	1.75	2.22	0.73	2.50	4.45	4.86	4.61	4.67	3.29	2.01	0.77	38.97
58	0.14	1.40	7.34	1.79	0.74	2.75	7.71	1.46	1.38	2.75	4.32	0.61	51.97
59	1.14	3.03	2.12	0.52	1.68	2.27	12.30	7.30	11.28	0.89	2.26	2.63	63.89
60	4.52	4.17	0.17	0.23	1.71	0.95	6.84	12.05	7.30	3.20	0.19	1.05	41.53
61	3.13	3.73	5.27	0.12	0.23	2.36	2.41	1.42	2.11	6.05	2.34	1.77	37.27
62	5.14	5.40	2.28	1.23	7.12	10.63	3.12	7.70	4.74	2.22	1.42	1.43	44.40
63	1.70	3.89	0.40	0.10	TRAC	4.36	8.54	3.75	4.71	2.12	TRAC	2.50	34.83
64	0.11	2.74	2.91	1.78	4.74	19.01	3.43	3.90	4.48	14.37	1.92	0.41	62.49
65	2.25	1.27	0.34	0.11	1.41	1.51	4.24	4.70	4.71	5.30	3.23	3.10	44.17
66	0.85	1.79	2.11	1.11	2.19	4.15	5.63	4.52	2.46	3.62	0.26	0.72	33.72
67	0.11	4.07	1.40	1.77	4.55	1.56	4.87	3.53	5.05	7.54	4.45	2.79	42.53
68	1.71	2.71	2.87	0.21	3.64	9.41	3.22	5.44	1.64	2.90	1.39	2.62	47.41
69	3.24	1.71	2.57	1.82	1.92	4.72	3.22	5.05	3.41	3.55	1.11	2.54	42.21
70	0.71	0.75	0.94	0.65	2.12	7.45	7.82	0.11	5.00	4.31	0.77	2.00	41.86
71	0.19	0.33	0.75	0.64	3.88	7.47	2.86	3.29	3.74	4.91	0.91	0.02	35.17
72	0.64	0.49	0.79	0.59	5.30	4.79	1.76	5.14	2.70	2.05	4.34	1.49	37.75
73	0.31	1.55	0.42	1.10	2.26	0.37	3.57	4.42	4.52	2.61	5.64	4.06	33.25
74	0.14	5.27	0.69	0.41	3.05	8.85	12.79	1.14	3.30	4.41	0.64	3.43	47.84
75	0.54	1.25	1.35	0.74	5.71	4.56	3.46	2.59	14.71	3.13	4.55	0.87	55.64
76	1.14	2.94	1.26	2.11	4.22	2.70	6.66	3.05	3.16	2.17	4.33		
77													
78													
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
00													
MEAN	2.624	2.521	2.343	1.443	2.573	5.474	5.123	5.227	6.588	4.728	3.157	1.794	41.447
S.D.	2.032	1.623	2.331	1.243	1.875	3.589	3.145	2.792	4.657	3.370	2.488	1.174	5.618
TOTAL OBS	414	735	978	731	670	760	808	835	51	331	615	779	701

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
 JUL 64

2

1961-1962
 MONTHLY MEASUREMENTS
 STATION NO. 100000000

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 (FROM DAILY OBSERVATIONS)

STATION 100000000 STATION NAME 100000000 YEARS 1961-1962

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	OVER 120				
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.	.																
FEB	.																	
MAR	.																	
APR	.														7			
MAY	.																	
JUN	.														7			
JUL	.														8			
AUG	.														8			
SEP	.														9			
OCT	.														9			
NOV	.														10			
DEC	.														7			
ANNUAL	.	.													981			

USE WITH CAUTION
SEE FIRST PAGE

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

STATION: MINNAPOLIS BEACH CENTER FL YEARS: 1950-1978

AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
52	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
53	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
54	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
55	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
56	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
57	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
58	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
59	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
60	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
61	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
62	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
63	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
64	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
65	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
66	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
67	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
68	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
69	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
70	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
71	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
72	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
73	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
74	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
75	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
76	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
77	TRAC	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	TRAC
78	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
79	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
80	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
81	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
82	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
83	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
84	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
85	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
86	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
87	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
88	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
89	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
90	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
91	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
92	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
93	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
94	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
95	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
96	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
97	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
98	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
99	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
00	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
MEAN	TRAC	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRAC
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	804	735	676	790	806	780	803	835	61	830	610	775	9501

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

UNITED STATES DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL WEATHER SERVICE

EXTREME VALUES
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATE FL YEARS 1952-1976

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77	TRAC	.	.	.	.	.	.	.	.	.	.	.	TRAC
78
79
80
MEAN	TRAC	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRAC
S D	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	504	775	826	770	306	780	375	875	810	830	11	775	9661

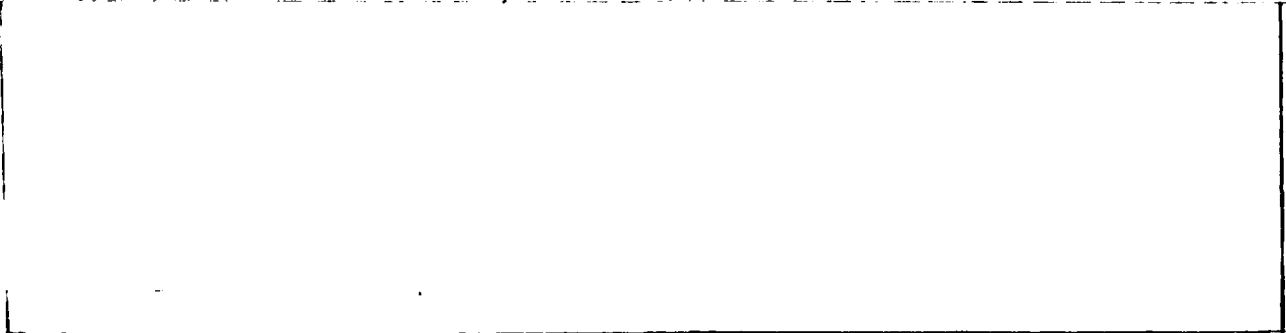
NOTE: (BASED ON 1955 YEAR FULL MONTHS)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
1941-1970
 (FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.																	
FEB	.																	
MAR	.																	
APR	.																	
MAY	.																	
JUN	.																	
JUL	.																	
AUG	.																	
SEP	.																	
OCT	.																	
NOV	.																	
DEC	.																	
ANNUAL	.																	



USAF METEOROLOGICAL BRANCH
 ETAC TAG
 AIRCRAFT SERVICE/MAC

EXTREME VALUES

(INCH DEPTH)

(FROM DAILY OBSERVATIONS)

STATION WALLENBERG AIRSPACE CENTER FL
 STATION NAME

1952-57
 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	574	735	506	790	500	751	970	818	61	571	511	77	4564

NOTE: * (BASED ON LINES THAT FILL MONTHS)

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for mean and standard deviation are not available measurements from incomplete months.

OFFICE OF THE DIRECTOR
 AIR FORCE
 AIRCRAFT SERVICE/AMC

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION NAME: KENNEDY SPACE CENTER FL
 STATION: 41-22, 57-21

YEARS

DAILY WIND SPEED IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
67													
68	437	441	44										
69	55W	20NW	44W	31W	37W	43W	34S	34NW	34W	21W	29W		
70	48W	43	34	37W	24W	28W	35W	28SW	65SE	24W	21W		
71	34W	36S	41W	42W	32W	36W	33W	35W	41W	41W	33W		
72	34W	33W	38W	38W	35W	37W	37W	37W	41W	41W	39W		
73	34W	41W	33W	37W	36W	34W	41W	41W	43W	31W	37W		
74	34W	42W	35S	34W	37SW	24W	34W	41W	43W	31W	32W		
75	31W	42W	41W	39W	37W	37W	42W	41W	41W	36W	32W		
76	34W	39W	39W	37W	34W	32W	42SW	45W	36S	31W	32W		
77	35W	37W	42W	35S	35S	34S	36W	35W	36W	35W	37W		
78	34W	35W	37W	37W	34W	33W	40W	2316	4134	2717	3710	4029	33
79	34	324	3081	3511	344	3219	3126	2719	313	3215	3532	4081	30
80	34	3411	3917	4081	3415	3130	4311	4254	3213	2511	2122	3132	31
81	31	328	497	4024	3315	3524	3230	3116	2827	344	2427	266	4
82	31	3628	4324	345	3336	3511	4672	2733	29	29	2924	3635	35
83	31	3521	3329	3721	3317	3311	2513	2618	349	2425	3319	2721	41
84	30	2519	3734	3415	2927	4616	503	311	435	31	3336	2577	21
85	27	3129	3021	3371	3321	307	3423	331	3415	297	316	2513	20
86	26	3437	3926	293	3722	4530	3633	2322	3511	262	3230	326	27
87	31	3625	2615	2423	3421	3421	3429	3411	331	3136	2932	2924	26
88	29	4156	3377	3530	3519	4130	4222	4426	2	29	2931	2722	34
89	26	4334	3420	3611	363	313	2921	3326	4	9	677	292	2826
90	10	3324	3577	4226	3731	4122	4222	5120	314	2	2122	23	
MEAN	33.0	33.0	33.0	33.7	33.7	36.9	34.3	34.7	36.1	36.4	36.3	33.0	47.4
S.D.	6.517	7.196	5.113	6.463	6.217	7.463	6.753	7.779	13.291	4.534	5.573	4.813	7.859
TOTAL OBS.	67	617	595	638	674	635	651	667	637	670	647	648	7879

NOTES: * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(BASED ON LESS THAN FULL MONTHS AND +1.0 KNOTS)

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION WINDY BRIDGE CENTER FL STATION NAME 65-70,72-76 MONTH 01
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.3	1.3	1.1								1.9	0.6
NNE	.2	.3	.1	.1								1.1	0.6
NE	.4	.7	.4	.2								1.1	0.5
ENE	.2	.2	.4	.1								1.0	0.9
E	.3	2.0	1.3	.4								4.5	1.1
ESE	1.5	1.3	1.4	.3								1.0	0.3
SE	2.7	1.3	1.3									0.6	0.4
SSE	.2	1.7	1.5									4.0	0.6
S	2.7	3.1	2.5	1.0	.3	.2						10.8	0.2
SSW	1.4	2.2	1.3	.5								2.4	0.7
SW	1.4	.8	.5	.1								2.1	0.4
WSW	.3	1.1	.3	.2								1.3	0.2
W	1.3	1.3	1.3	1.5	.1							7.0	0.1
WNW	1.3	2.7	2.2	1.3	.2							1.9	.7
NW	1.8	4.5	4.0	1.9	.3							13.2	0.9
NNW	2.5	3.2	2.9	2.4								10.2	0.5
VARBL													
CALM												7.8	
	25.4	29.5	23.5	12.6	1.0	.2						100.0	0.3

TOTAL NUMBER OF OBSERVATIONS 670

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ANNAPOLIS SPACE CENTER FL YEARS 64-72, 77-78 MONTH 07
 STATION NAME ANNAPOLIS SPACE CENTER FL CLASS ALL WEATHER HOUR (L.S.T.) 7-10
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	2.2	.0								1.4	3.0
NNE	.5	.4	.7									1.6	3.0
NE	.5	.7	.5	.4								1.7	7.7
ENE	.4	.7	.7									1.2	4.0
E	1.0	.0	1.0	.7								4.2	3.2
ESE	1.2	.4	1.1	.2								1.2	3.5
SE	1.7	1.2	.6	.2								3.7	4.7
SSE	.2	1.5	1.5	.3								4.2	4.2
S	1.6	3.1	1.5	1.2	.7	.1						1.1	3.9
SSW	1.5	1.7	1.0	.5								4.3	3.6
SW	1.7	1.2	.6	.2								3.0	4.5
WSW	.4	.4	.4	.2								1.7	5.1
W	2.6	2.2	.5	1.3	.3							7.1	6.3
WNW	1.9	2.5	1.3	1.5								7.2	6.5
NW	2.1	2.2	4.7	2.4	.2							10.2	5.7
NNW	1.2	4.9	4.7	3.5								10.2	7.2
VARBL													
CALM												7.2	
	24.2	29.7	32.9	13.1	.9	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 570

U.S. AIR FORCE
 U.S. NAVY
 U.S. AIR FORCE SERVICE CENTER

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME KENNEDY SPACE CENTER FL YEARS 65-70 MONTH JULY
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-2359
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	1.7	1.5	.1							6.1	7.1
NNE	.7	.7	.7									1.2	6.4
NE	.6	.7	.4	.7								1.0	5.6
ENE	.7	.5	.6	.7								1.0	5.5
E	1.1	1.4	.9	.7								3.0	5.3
ESE	1.1	.4	.6									1.0	4.7
SE	1.2	.7	.6	.3								1.0	5.1
SSE	1.1	1.0	1.0	.9								1.4	6.2
S	1.5	2.4	2.0	1.1								7.1	6.6
SSW	.2	2.7	1.1	.9	.1							1.1	7.0
SW	1.7	1.7	.6	.2								1.9	6.6
WSW	1.7	.4	.2	.6								1.6	6.7
W	4.1	1.0	.9	.9	.1							7.7	6.0
WNW	2.7	2.2	1.7	1.0	.2							7.7	6.0
NW	2.6	4.9	4.2	2.0	.1	.1						14.9	7.1
NNW	2.5	6.1	3.5	2.8								16.9	6.4
VARBL													
CALM												4.5	
	25.1	31.2	40.8	13.8	.6	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 230

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME KSC-71.11-1 YEARS 6 MONTH 6
 CLASS ALL WEATHER HOURS (L.S.T.) 9.7-11.7
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	4.0	1.0	.2							2.0	7.0
NNE	.2	1.1	1.0	.8								3.4	7.2
NE	.3	.4	.6	.7								1.7	7.1
ENE	.2	.4	1.0									2.0	7.0
E	.5	1.2	3.0	.8								6.3	7.7
ESE	.3	1.0	.9	.3								2.5	7.0
SE	.7	1.2	1.5									3.0	6.9
SSE	1.1	.6	2.9	2.3	.1							7.6	3.6
S	1.0	1.4	3.5	2.7	.1							4.7	9.0
SSW	.4	.9	2.6	1.4	.2							4.4	9.0
SW	.2	1.2	1.6	.5								4.0	7.9
WSW	.2	.2	1.4	.4	.2							2.0	8.9
W	1.2	2.3	1.4	1.0	.1							5.9	6.8
WNW	.2	1.8	2.6	2.2	.2							7.6	8.7
NW	1.5	2.1	4.6	3.4	.4							10.0	3.6
NNW	1.4	3.4	5.2	4.0								14.6	8.2
VARBL													
CALM												3.4	
	11.7	21.5	32.3	23.2	1.8							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10005 STATION KENNEDY SPACE CENTER FL STATION NAME 69-70, 73-76 YEARS JAN MONTH 1950-1951 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.2	3.7	6.7	.1							12.4	10.1
NNE	.3	1.6	1.6	.6	.1							4.8	7.0
NE	.2	1.3	1.2	1.5								4.4	5.0
ENE	.4	1.6	1.7	.4								4.2	5.7
E	.7	1.6	3.5	1.7								5.5	7.6
ESE	.3	1.4	3.1	.4								5.3	7.4
SE	.1	1.0	2.5	.9								4.4	5.9
SSE	.7	.5	4.2	2.9	.1							6.7	8.4
S		1.7	2.9	3.2								5.6	5.6
SSW	.2	1.0	1.6	1.6	.1							4.5	5.3
SW	.2	.5	1.8	1.4								4.1	5.3
WSW	.5	.7	1.2	.2	.1	.1						3.1	5.9
W	.5	.6	2.7	1.6	.4	.4						5.3	10.4
WNW	.1	.5	2.3	2.2	.5							5.6	10.9
NW	.1	1.0	2.5	1.7	.1							5.4	7.7
NNW	.2	1.7	2.3	5.1	.4							11.7	10.3
VARBL													
CALM												1.2	
	4.7	14.4	40.1	32.2	2.9	.5						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 571

FEDERAL CLIMATOLOGY BRANCH
 WAFS STAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ANNERY PAGE CENTER STATION NAME ANNERY PAGE CENTER YEARS 66-70 MONTH ALL
 CLASS ALL WEATHER HOURS (L.S.T.) 000-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.7	5.0	4.3	.1							1.4	1.1
NNE	.5	2.1	1.7	.6								1.4	1.4
NE	.7	2.5	1.9	.7								1.5	1.5
ENE	.3	3.4	1.5	.7								1.6	1.6
E	1.1	4.1	2.4	.9								3.4	1.4
ESE	.5	2.9	2.7	.3								1.5	1.6
SE	.2	2.8	4.7	1.0								1.3	2.4
SSE	.4	2.7	3.9	3.0	.1							1.5	2.1
S	.4	.5	1.3	1.2	.1							1.2	1.4
SSW	.1	.3	.6	1.7								1.4	1.4
SW		.7	.9	1.2	.1							1.7	1.6
WSW	.2	.5	.9	.6	.1							1.3	1.1
W	.3	1.7	2.6	2.5	.5	.1	.2					2.1	1.8
WNW	.6	.4	2.2	1.8	.7							1.4	1.5
NW	.2	.3	1.8	1.2	.1							1.4	1.1
NNW	.7	.9	3.2	4.3	.3							3.9	1.4
VARBL													
CALM												.9	
	7.2	29.7	36.2	24.8	1.8	.1	.2					10.0	1.7

TOTAL NUMBER OF OBSERVATIONS 22

U.S. AIR FORCE
 FEDERAL BUREAU OF SURVEILLANCE
 AIR FORCE SURVEILLANCE CENTER

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1. STATION KENNEDY SPACE CENTER FL STATION NAME 68-70, 77-80 YEARS JA
 CLASS ALL WEATHER MONTH 1968-1969
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.7	1.5	1.7	.1							10.4	3.6
NNE	1.2	1.7	.1									3.7	2.6
NE	.2	1.0	.1									2.1	4.0
NNE	.2	2.7	1.2	.2								3.1	4.9
E	.2	3.4	1.2	.5								3.4	4.9
ESE	.2	2.7	.2									3.2	4.2
SE	.2	3.2	1.5									7.7	4.7
SSE	1.7	2.0	3.0	1.3								1.9	6.8
S	1.4	1.7	.5	.5								4.2	3.5
SSW	.2	.2	1.2	.3								2.6	7.2
SW	.2	.2	.2	.1	.1							2.2	6.7
WSW	.2	.2	.1	.1								1.4	4.5
W	1.2	2.7	1.0	1.6	.2	.2						7.7	7.7
WNW	.2	1.7	2.2	1.6	.2							6.3	8.4
NW	.2	1.7	1.3	.6								4.1	7.0
NNW	.2	4.1	4.1	1.3	.1							12.2	7.2
VARB													
CALM												7.0	
	21.0	34.0	4.5	2.8	.2	.2						101.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION RELINCY PACO CENTER FL STATION NAME 69-75.77-00 YEARS 199-200 MONTH 199-200

CLASS ALL CLASSES HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.5	.9								7.1	6.7
NNE	.3	.9	.3	.4								1.7	6.1
NE	1.0	.3	.2									1.5	6.5
ENE	1.0	1.0	1.1	.1								3.3	6.4
E	1.0	2.2	1.9	.2								6.2	6.7
ESE	2.7	2.0	1.9	.5								7.2	6.4
SE	2.0	2.9	.6									3.2	4.2
SSE	1.2	2.3	2.8	1.0								7.7	6.6
S	1.9	2.7	2.3	1.0	.1	.0						1.2	6.6
SSW	1.2	1.1	.4	.1	.1							1.9	6.1
SW	.3	.7	.3	.2								1.4	6.2
WSW	.4	.1	.5	.1								1.0	6.6
W	1.2	2.2	1.4	1.4	.1		.1					6.2	7.4
WNW	1.2	2.5	3.3	1.9								6.0	7.0
NW	2.2	2.5	2.4	1.4	.2							6.5	7.0
NNW	.9	4.5	7.0	1.9								15.3	6.4
VARBL													
CALM												1.5	
	24.0	30.1	25.4	11.2	.5	.2	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 670

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 60-70, 73-80 YEARS JAN
 CLASS ALL WEATHER MONTH ALL
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	3.2	2.2	.1							7.0	7.9
NNE	.7	1.0	.7	.3	.7							2.9	6.1
NE	.6	.9	.9	.3								2.6	6.0
ENE	.7	1.3	1.6	.2								3.3	5.8
E	1.2	2.3	2.0	.6								6.0	6.2
ESE	1.2	1.6	1.6	.3								4.7	6.8
SE	1.4	1.9	1.7	.3								5.1	5.7
SSE	.9	1.6	2.5	1.5	.1							6.5	7.8
S	1.4	2.2	2.1	1.7	.1	.1						7.6	7.4
SSW	.8	1.2	1.1	.8	.1							4.0	7.2
SW	.7	.3	.9	.5	.0							3.0	6.9
WSW	.6	.6	.6	.4	.1	.0						2.3	7.1
W	1.6	1.9	1.6	1.5	.2	.1	.1					6.9	7.7
WNW	1.3	1.8	2.2	1.7	.2							7.2	7.9
NW	1.7	2.8	3.2	2.0	.2	.0						9.8	7.4
NNW	2.0	3.6	3.7	3.5	.1							12.9	7.9
VARBL													
CALM												0.0	
	13.2	27.8	29.5	17.6	1.3	.2	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1982 STATION MCNEEDY SPACE CENTER FL STATION NAME 69-7477-0 YEARS 1 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 24
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.3	1.3	1.4								7.7	5.7
NNE	1.5	.9	.2	.4								2.7	4.4
NE	.7	.1		.1								.9	5.1
ENE	.7	.4	.4									.9	5.3
E	1.1	1.1	.4	.6								3.1	5.7
ESE	.8	.9	.9	.4								3.1	5.9
SE	1.2	1.1	.6	.7	.1							3.2	5.9
SSE	.7	1.3	1.5	.7	.5							4.5	7.4
S	2.5	4.3	1.9	.9	.1							9.7	6.0
SSW	2.6	1.2	.8	.2								4.5	4.5
SW	1.3	2.7	.7									4.7	4.7
WSW	1.7	1.7	1.1	.5								4.7	5.7
W	2.8	5.6	2.3	1.1	.1							13.2	5.1
WNW	1.8	4.3	1.9	1.4		.1						9.5	5.3
NW	2.1	3.4	4.4	2.7	.1							14.3	7.2
NNW	1.7	3.3	1.9	1.2								7.6	6.7
VARBL													
CALM												5.9	
	23.6	36.4	21.6	11.3	.9	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 546

U.S. AIR FORCE
 U.S. AIR FORCE
 AIR WEATHER SERVICE/WHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-75,77-78 YEARS 1969-1970 MONTH 07,08-1970
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.5	1.7	.5								1.0	3.5
NNE	.2	.4	.1	.2								.9	5.9
NE	.1	.4	.2	.1								1.3	5.9
ENE	.6	.5	.5									1.5	4.8
E	1.2	1.7	.6	.2								3.7	4.9
ESE	.5	.6	.5	.2	.1							1.9	7.2
SE	.2	.9	.4	.1								2.2	4.9
SSE	.6	.6	.2	.7	.1							2.1	3.4
S	1.5	2.2	3.1	.9	.1							7.8	8.6
SSW	2.2	1.9	.7	.5								5.3	5.0
SW	1.4	2.1	.6	.1								4.3	4.9
WSW	1.2	2.6	.9	.2	.1							5.8	5.1
W	2.7	5.2	1.7	.4								5.9	5.1
WNW	3.2	4.8	1.8	1.3	.5							12.3	5.9
NW	2.3	6.7	4.3	2.5	.1							17.5	6.9
NNW	1.5	5.7	3.0	1.5								11.7	8.7
VARBL													
CALM												4.8	
	24.8	38.3	21.3	9.7	1.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 346

GEORGE CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 60-7071-60 YEARS 1960-60 MONTH 1960-0000
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.5	1.4	1.7	.2							0.8	3.1
NNE	.4	.5	.1	.1								1.1	3.1
NE	.5	.5		.4								1.3	6.1
ENE	.7	.7	.7									2.1	5.2
E	1.2	1.2	.6									2.9	4.2
ESE	.4	.3	.5	.5	.1							2.2	7.9
SE	.7	.5	.2	.1								2.4	5.7
SSE	.6	.5	.9									2.0	5.2
S	.2	2.7	2.5	1.9								7.3	7.9
SSW	1.7	1.5	1.4	.4								4.0	5.9
SW	1.5	1.7	1.5	.2								5.0	5.4
WSW	1.5	1.4	.8									3.3	4.6
W	3.5	2.6	1.2	.6	.2							7.7	5.2
WNW	1.1	3.9	1.9	1.3								10.2	5.6
NW	2.6	3.5	5.2	3.9								20.7	7.0
NNW	2.0	3.2	3.7	1.7	.1							11.9	6.6
VARBL													
CALM												5.7	
	24.2	33.1	24.1	12.2	.7							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 646

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 AIR WEATHER SERVICE/AFMAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL YEARS 67-70, 72-73 MONTH 1-12
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-1800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	4.5	5.7	.0							11.2	1.0
NNE	.0	.0	1.1	.5	.1							3.3	0.9
NE	.1	.0	.0	.1								1.4	0.1
ENE	1.2	.4	1.1	.0								2.7	0.7
E	.0	.0	1.2	.7								1.9	1.4
ESE	.4	.0	.0	.0								2.7	0.6
SE	.0	.0	1.4	1.2	.1							3.7	0.8
SSE	.1	.0	1.2	1.2								2.5	1.5
S	.4	.0	2.6	1.4		.1						7.5	1.1
SSW	.1	1.4	1.7	1.4	.1							4.7	0.2
SW	.1	1.2	2.4	1.5								5.2	0.8
WSW	.0	1.0	1.8	.0								3.6	7.5
W	.0	2.0	1.5	.0	.4	.1						6.1	7.6
WNW	.0	1.0	2.1	2.5	.0							7.2	0.9
NW	.0	1.1	4.7	4.8								13.2	0.9
NNW	.0	1.1	5.7	4.3	.7							14.5	0.3
VARBL													
CALM												3.1	
	3.7	21.6	33.2	29.9	2.5	.2						100.0	0.6

TOTAL NUMBER OF OBSERVATIONS 346

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-30 ROOSEVELT SPACE CENTER FL STATION NAME 67-70,73-10 YEARS 70 MONTH 70
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	2.0	1.6	1.5							1.7	10.5
NNE		1.2	2.4	1.7	.1							2.3	7.5
NE	.4	1.1	1.7									2.2	6.3
ENE	.1	2.1	1.2									1.4	6.6
E	.5	.2	2.7	.2								3.7	6.0
ESE	.1	.4	2.6	.2								4.1	5.9
SE	.1	.2	1.2	1.4	.1							2.7	10.2
SSE	.2	1.3	2.7	3.1	.6							7.3	10.2
S	.4	.9	1.2	3.0	.4							6.5	10.2
SSW		.4	1.3	1.1	.7							2.4	11.6
SW	.4	.2	2.0	2.4								2.6	7.4
WSW	.1	1.1	1.9	1.2	.4							4.6	7.4
W	.2	1.4	2.7	2.5	.1							5.3	5.4
WNW	.4	.2	3.5	1.5	.4	.1						2.7	5.5
NW	.5	.7	1.5	1.2	.2							4.1	7.4
NNW	.5	.7	2.0	5.1	1.1							6.3	11.6
VARBL													
CALM												.7	
	4.6	16.1	33.5	34.4	5.6	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 46

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 KENNEDY SPACE CENTER FL 69-70,71-
STATION STATION NAME YEARS

 ALL WEATHER
CLASS

CONDITION

MONTH HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.2	3.1	3.2	1.1							1.4	1.2
NNE	.4	2.7	3.5	1.2	.1							7.5	7.7
NE	1.2	2.4	1.2									4.7	5.7
ENE	.5	1.2	.9	.1								3.7	3.3
E	.6	3.4	3.0	.4								7.2	6.4
ESE	.1	3.3	3.3	.6								6.1	7.3
SE	.4	1.2	3.9	1.1								1.5	5.1
SSE	.4	1.4	2.1	2.5	.7							1.6	5.7
S	.4	.8	1.4	1.2	.1	.1						7.7	7.4
SSW		.7	.7	.9	.1							1.7	10.6
SW		.7	2.3	2.1	.7							5.9	7.8
WSW		.4	.8	.9	.4							3.7	10.1
W	.7	1.1	2.4	1.1	.1							6.9	10.6
WNW	.1	.7	1.5	1.7	.7							4.1	5.8
NW	.2	.5	1.1	1.3								3.1	4.4
NNW	.1	.9	1.4	4.4	.6							7.4	11.9
VARBL													
CALM												.7	
	5.6	22.9	34.3	30.3	3.2	.1						101.0	9.1

TOTAL NUMBER OF OBSERVATIONS 240

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-83a STATION WANNEN SPACE CENTER FL STATION NAME 08-70.72-81 YEARS 71 MONTH 01
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	4.2	5.4	7.3								10.2	7.1
NNE	2.4	1.5	.8	.1								4.8	4.2
NE	1.2	1.7	.5									2.2	4.0
ENE	1.7	.7	.6									2.0	4.4
E	1.4	2.2	.9									5.1	4.7
ESE	2.4	1.4	.8	.1								5.2	4.1
SE	1.5	2.0	2.4	.7								7.8	6.0
SSE	1.5	3.7	3.7	2.2								12.4	7.7
S	.0	2.2	.7	.5								4.4	5.7
SSW	.0	.7	.6	.4								2.0	6.0
SW	.7	.4	.7	.2								1.0	7.8
WSW	.1	.6	1.3	1.0	.1							4.0	7.2
W	.2	1.2	1.3	1.4	.1							4.0	7.8
WNW	.1	1.2	1.1	1.1	.1							3.8	5.8
NW	.2	1.0	1.5	.9								4.8	7.6
NNW	.4	4.1	3.4	2.4	.2							11.0	5.7
VARBL													
CALM												6.3	
	21.3	32.7	26.7	14.4	.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 540

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL YEARS 69-70, 71-72 MONTH 11-2000
 STATION NAME KENNEDY SPACE CENTER FL CLASS ALL WEATHER HOURS (L.S.T.) 24
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	3.5	2.4	1.2								10.8	3.2
NNE	1.2	.9	.5	.2								2.8	3.4
NE	.5	.5	.7	.1								1.9	3.3
ENE	.5	.1	.1	.1								1.2	4.3
E	1.3	.8	.7	.6								3.4	3.9
ESE	1.3	1.1	.9	.1								3.4	3.3
SE	1.2	1.3	.9	.5	.2							4.1	3.7
SSE	2.0	4.1	2.2	1.2								10.5	3.4
S	2.4	3.8	2.1	.9								6.2	3.9
SSW	1.1	1.2	.6	.1								3.0	4.8
SW	1.3	1.4	.5									3.7	4.9
WSW	1.1	1.7	1.2	.5								4.4	6.0
W	2.2	3.1	2.3	2.2	.2							11.1	7.0
WNW	1.1	2.0	1.7	.6								5.3	6.4
NW	1.5	4.3	2.5	1.5								9.3	6.2
NNW	2.4	3.2	1.9	1.9	.1							9.7	6.6
VARBL													
CALM												7.3	
	24.0	33.1	23.2	11.8	.6							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 240

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ANNELY SPACE CENTER FL STATION NAME ANNELY SPACE CENTER FL YEARS 67-70, 72-81 MONTH ALL

CLASS ALL WEATHER

CONDITION ALL

HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	3.9	7.9	.4							1.07	5.6
NNE	.9	1.1	1.2	.5	.7							1.7	5.7
NE	.5	1.1	.6	.1								2.3	5.6
ENE	.7	.3	.7	.1								2.3	5.3
E	1.1	1.4	1.2	.4								4.1	5.9
ESE	.7	1.1	1.3	.4	.7							3.7	6.6
SE	.5	1.1	1.5	.7	.1							4.2	7.3
SSE	.9	1.0	1.9	1.4	.2							5.9	6.1
S	1.2	2.1	2.7	1.6	.1	.7						7.0	7.6
SSW	1.7	1.1	1.0	.6	.1							3.0	5.9
SW	.9	1.4	1.5	.8	.7							4.5	7.1
WSW	.9	1.4	1.3	.7	.1							4.4	7.2
W	1.5	2.9	2.1	1.5	.7	.5						8.3	7.2
WNW	1.4	2.5	1.9	1.4	.7	.7						7.4	7.3
NW	2.3	3.0	3.2	2.3	.1							10.4	7.4
NNW	1.3	3.1	2.9	2.8	.4							10.4	5.3
VARBL													
CALM												4.3	
	17.1	29.2	28.2	19.3	1.9	.1						116.2	7.1

TOTAL NUMBER OF OBSERVATIONS 6768

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-70,77-00 YEARS 1968-70 MONTH 0000-1200
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.7	1.0	.1								3.7	5.7
NNE	1.2	.6	.4									3.3	4.4
NE	.3	.0	.1									1.2	4.5
ENE	1.0	.0	.0									3.2	4.5
E	1.6	2.3	1.7	.5								5.7	5.9
ESE	1.7	3.4	1.7	.1								7.0	5.2
SE	2.3	5.2	3.2	.2								11.4	5.9
SSE	2.4	3.6	2.4	.6								7.9	5.7
S	2.7	4.4	2.9	1.4	.1	.1						12.1	6.5
SSW	1.5	1.9	1.5	.3								5.5	5.7
SW	1.6	1.5	1.1	.1		.1						4.7	5.7
WSW	1.5	1.7	1.3	.4								4.2	5.6
W	1.5	2.4	1.6	1.3	.3							9.6	7.3
WNW	.4	1.3	1.8	.7								3.9	5.5
NW	.9	1.5	1.3	1.0								4.6	7.1
NNW	1.3	1.7	1.1	.2	.1	.1						4.5	5.4
VARBL													
CALM												5.8	
	27.4	35.7	26.4	7.4	.5	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 628

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-74.73-21 YEARS 1955-1960 MONTH 300-360
 CLASS ALL WEATHER
 CONDITION _____
 HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.1	.5								4.0	5.2
NNE	1.7	.4	.4									4.0	4.1
NE	.5	.4	.1									1.1	3.8
ENE	1.0	1.3	.6									2.9	4.7
E	1.4	2.9	1.4	.4								6.0	5.6
ESE	1.5	3.1	.9	.4								5.6	5.4
SE	1.5	3.5	2.2	.7								7.7	5.6
SSE	2.0	3.2	1.5	.5								7.7	5.5
S	2.5	3.3	1.5	1.7	.5	.5						10.0	5.4
SSW	1.3	2.2	1.2	1.3	.1							7.3	5.9
SW	1.3	2.1	1.1	.5								5.0	5.6
WSW	1.9	1.5	.9	.4	.1	.1						5.4	5.6
W	2.2	2.9	1.3	.4	.1							6.7	5.5
WNW	1.9	2.9	1.7	.7	.1							7.2	4.7
NW	2.0	2.9	1.9	1.5	.1							8.4	5.5
NNW	1.1	2.4	.6	.4	.1							4.6	5.7
VARBL													
CALM												6.8	
	27.6	37.4	18.4	8.5	.9	.3						106.2	5.3

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-7, 72-5 YEARS MA
 CLASS ALL WEATHER MONTH 1966-1966
 HOURS (L.S.T.) 100
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.2	2.2	4.2								2.7	7.6
NNE	.2	1.4	1.3	.8								2.7	7.3
NE	.4	1.1	1.3	.5								3.3	7.1
ENE	.5	1.0	.8	1.2								2.4	8.0
E	.3	1.2	3.3	1.8								7.3	8.3
ESE	.4	1.6	3.9	1.4								7.3	8.1
SE	.3	.9	2.3	1.7	.1							5.8	9.1
SSE	.4	1.5	2.6	3.7	.2	.1						7.2	10.0
S	.1	1.7	6.1	4.7	.1							12.6	9.8
SSW	.5	.6	2.7	7.1	.2							7.2	10.3
SW	.1	1.0	2.0	2.2	.5							5.0	10.1
WSW	.1	.3	1.7	1.2								3.8	8.8
W	.9	.2	1.5	1.5	.2	.1						4.9	9.7
WNW	.4	1.0	.8	1.1								3.2	8.4
NW	.3	1.1	1.3	2.4	.1							5.2	9.4
NNW	.4	1.2	3.3	1.9								8.0	8.4
VARBL													
CALM												1.3	
	5.8	18.7	39.0	33.3	1.6	.2						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

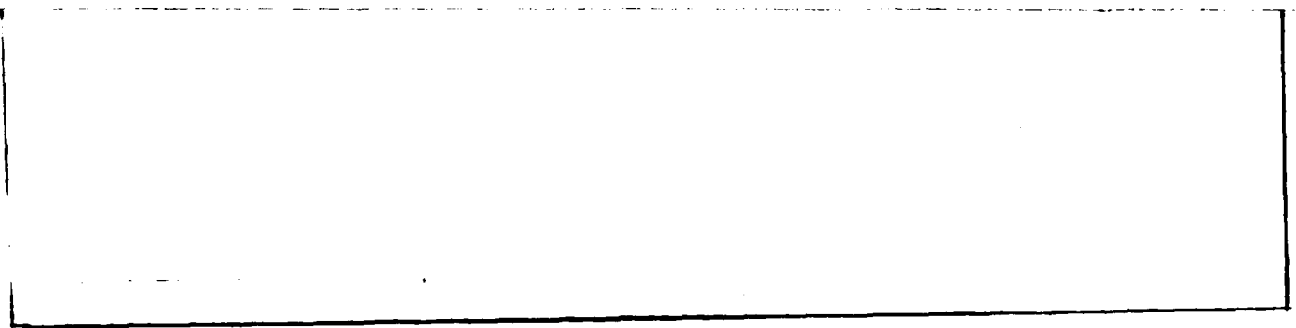
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17-59 STATION KENNEDY SPACE CENTER FL STATION NAME 60-70,73-60 YEARS 12-59 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.6	4.1	8.1								16.9	10.7
NNE	.1	1.7	4.6	1.7								8.2	8.7
NE		1.5	2.8	.2	.1							4.6	8.6
ENE	.3	.4	2.4	1.1								4.5	8.9
E	.2	2.2	3.1	2.6								8.1	8.7
ESE		1.7	3.1	1.7								5.2	9.2
SE		1.7	4.1	3.4								7.2	9.5
SSE	.1	1.2	5.7	3.9	1.1							17.2	11.3
S	.1	1.3	3.6	2.8	.1							7.3	9.6
SSW	.2	.4	.6	1.6	.4							3.3	11.6
SW	.1	.1	.8	3.4	.2							4.6	12.4
WSW		.1	1.7	2.5	.7							3.7	12.2
W	.1	.4	1.6	1.1	1.1	.2						4.3	11.8
WNW			1.4	1.2	.2		.1					6.2	11.9
NW		.4	1.1	.6								2.2	9.1
NNW	.1	.5	.8	1.2								3.6	9.7
VARBL													
CALM												.1	
	1.4	14.3	40.1	40.2	3.5	.2	.1					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 230



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11886 STATION KENNEDY SPACE CENTER FL STATION NAME 63-70.73-30 YEARS 1A
 CLASS ALL WEATHER MONTH 1958-1971
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	3.1	4.8	.3							5.9	10.7
NNE	.4	1.2	4.3	1.6	.2							7.4	9.0
NE	.4	2.4	2.3	.2								5.6	6.8
ENE	.4	1.1	1.9	1.7								5.2	6.6
E	.3	3.7	6.7	1.6								12.3	7.9
ESE	.3	2.5	6.3	2.0								11.2	8.3
SE	.1	1.6	5.1	4.2								11.0	9.7
SSE	.1	.3	5.2	9.2	1.7							16.7	11.5
S		.3	1.2	1.7								3.2	10.4
SSW			.7	.6	.3							1.3	13.4
SW	.1	.1	.8	2.2								3.1	12.2
WSW		.2	1.1	1.6	1.7							3.9	13.3
W	.2	.4	1.7	2.5	1.1	.4						5.3	12.9
WNW		.2	.6	.3		.2						1.6	11.3
NW			.2	.1								.3	9.0
NNW	.1	.4	.3	.4								1.3	5.8
VARBL													
CALM												1.0	
	2.8	15.4	41.4	34.5	4.2	.6						100.3	9.8

TOTAL NUMBER OF OBSERVATIONS 971

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11-83 KENNEDY SPACE CENTER FL STATION NAME 69-73,73-0 YEARS 1960-1961
 CLASS ALL WEATHER MONTH 1960-1961
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.1	3.5	1.5	.7							3.1	7.6
NNE	.5	2.2	1.1	.3								4.1	6.1
NE	1.8	1.2	.5									4.2	4.2
ENE	1.1	.3	.9	.8	.1							3.5	7.1
E	3.3	5.4	2.3	.1								11.1	4.5
ESE	2.4	4.3	3.8	.2								11.2	5.9
SE	1.6	4.2	4.3	1.7								11.3	6.8
SSE	1.7	2.3	8.1	4.7	.5							15.3	5.9
S	.6	2.7	2.9	1.7								6.6	7.4
SSW	.4	.4	.3	.1								1.7	6.4
SW		.4	.8	.9								1.7	9.2
WSW	.1	.4	2.7	1.5	.1							4.6	11.3
W	.1	1.1	2.3	2.8	.7							5.0	12.3
WNW	.7	.3	.2	.2	.1	.1						1.2	5.9
NW	.1		.2	.1	.1							.3	11.5
NNW	.5	1.1	.8	.1								2.2	5.7
YARBL													
CALM												3.4	
	14.3	30.6	34.3	15.2	1.5	.1						120.6	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12884 KENNEDY SPACE CENTER FL STATION NAME 69-70, 73-81 YEARS 11
 CLASS ALL WEATHER MONTH 11
 CONDITION _____ HOURS (L.S.T.) 27.0

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	1.7	1.2	.4								6.4	5.3
NNE	1.6	1.1	1.2	.1								4.0	5.1
NE	.8	1.3	.2									2.3	4.2
ENE	1.7	.7	.1	.1								2.8	4.3
E	1.9	2.8	1.7	.5								7.8	5.5
ESE	2.7	3.5	3.1	.5								10.2	5.8
SE	2.6	3.1	2.7	1.0								9.4	6.0
SSE	2.4	4.1	3.5	1.5	.1							11.0	6.7
S	1.7	3.2	5.3	1.4								11.6	7.3
SSW	.5	1.3	.9	.6								3.7	6.6
SW	.1	1.5	.9	.2								2.9	6.8
WSW	.9	1.2	1.8	1.1								5.6	7.2
W	.5	2.4	3.5	2.4								8.8	8.2
WNW	.3	1.1	1.3	.3	.1							2.9	7.7
NW	.4	1.7	.1		.7	.1						1.9	7.8
NNW	.5	2.7	.4	.1								3.4	4.5
VARBL													
CALM												6.1	
	11.0	33.4	24.5	10.3	.5	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 68-70, 77-90 YEARS 78
 CLASS ALL WEATHER MONTH ALL
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	2.5	2.3	.1							7.6	5.3
NNE	.8	1.2	1.7	.6	.0							4.3	7.0
NE	.7	1.2	1.6	.1	.0							3.1	5.9
ENE	.6	1.0	1.0	.6	.0							3.4	6.9
E	1.3	2.3	2.7	1.0								7.8	5.7
ESE	1.4	2.9	3.1	.8								7.1	5.6
SE	1.3	2.8	3.2	1.7	.0							9.1	7.3
SSE	1.2	2.4	3.2	3.7	.4	.0						11.5	5.9
S	1.4	2.6	3.3	2.5	.1	.0						9.4	7.7
SSW	.2	1.1	1.2	1.2	.1							4.6	5.0
SW	.5	1.2	1.0	1.3	.1	.0						4.1	5.4
WSW	.4	1.0	1.3	1.1	.2	.0						4.3	5.3
W	.9	1.7	2.1	1.5	.4	.1						6.7	5.7
WNW	.7	1.0	1.0	.5	.1	.0	.0					2.4	7.3
NW	.3	1.4	1.1	.9	.1	.2						4.3	7.3
NNW	.9	1.5	1.2	.6	.0	.0						4.2	5.7
VARBL													
CALM												4.3	
	15.3	27.4	31.1	20.0	1.6	.3	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7432

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-74.73-80 YEARS ALL MONTH ALL
 CLASS ALL WEATHER
 CONDITION
 HOUR (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.5	.2	.1								.1	4.3
NNE	1.3	.7	.1	.7								.7	4.5
NE	1.2	1.1	1.2	.1								.7	5.3
ENE	.9	.1	.4	.1								.1	5.2
E	1.9	2.1	4.3	1.8								12.1	7.3
ESE	1.9	3.2	2.6	1.2	.1							7.4	6.6
SE	2.0	3.2	2.7	.7								5.6	6.1
SSE	1.6	3.9	2.6	.3								5.4	5.7
S	1.7	3.6	5.4	.1								12.6	7.4
SSW	.7	1.8	2.3	.2								7.2	6.4
SW	.7	2.1	1.1	.2								4.2	5.5
WSW	1.1	1.4	1.6	.2								4.3	5.5
W	1.7	4.4	1.9	.4								8.5	6.6
WNW	.4	1.3	1.7	.1								3.4	5.7
NW	.7	1.5	1.7	.4								4.7	6.3
NNW	1.4	1.5	1.0	.2								4.0	5.1
VARBL													
CALM												6.0	
	20.7	34.3	30.2	8.7	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL BUREAU OF SURVEY
 CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1959 STATION KENNEDY SPACE CENTER FL 59-70,77--0 YEARS 4 MONTH 3-31-1959
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	1.1	.1								1.7	5.3
NNE	.7	.7	.3									1.7	4.9
NE	.6	.4	.8									1.8	5.4
ENE	1.2	1.4	1.1	.2								2.9	5.4
E	1.4	2.3	3.1	1.0								7.8	6.3
ESE	1.2	2.7	2.8	.9								4.1	6.4
SE	1.6	2.3	2.3	.1								6.3	5.6
SSE	1.4	2.3	2.1	.2								4.4	5.5
S	1.7	4.3	2.2	1.2	.2							15.1	6.5
SSW	2.0	3.7	2.7	.2								1.6	5.6
SW	1.3	2.1	.7	.4								4.6	5.2
WSW	1.1	1.4	1.1	.2								3.5	5.2
W	2.6	2.6	1.9	.3								6.7	4.2
WNW	1.1	1.7	1.9	.1								4.0	5.7
NW	2.2	2.4	1.3	1.2								7.3	5.8
NNW	2.0	2.6	1.3	.3								2.2	5.1
VARBL													
CALM												0.7	
	25.1	35.0	26.3	6.7	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-2 STATION NAME ANNAPOLIS PACIFIC CENTER FL YEARS 60-70, 71-74 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 000-0600
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.7	1.4	.4	.1							1.0	3.0
NNE	.5	.0	.4									1.0	4.0
NE	.6	.4	.7	.7								3.3	6.4
ENE	.4	1.5	.9	.3								3.4	6.3
E	1.2	2.1	2.4	1.9								3.0	7.1
ESE	1.3	2.4	2.6	1.6								3.3	6.9
SE	.7	1.7	2.7	.4								4.8	6.7
SSE	1.2	.7	2.1	.7								4.3	6.4
S	2.4	3.3	3.1	2.2	.1							11.7	6.8
SSW	1.7	2.1	1.9	1.6								6.4	7.3
SW	1.0	1.0	1.0	.1	.1							4.1	6.9
WSW	1.2	.9	1.8	.7								4.2	6.0
W	2.4	2.2	.9	.4								3.0	4.7
WNW	1.2	1.2	.9									4.0	4.5
NW	1.0	2.4	3.3	.7								4.4	6.0
NNW	1.4	3.4	1.8	1.3								3.4	6.2
VARBL													
CALM												6.7	
	23.4	29.3	28.2	12.0	.3							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 AFCE/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-50 KENNEDY SPACE CENTER FL 61-70.77-02 MONTH 12
 STATION NAME KENNEDY SPACE CENTER FL YEARS 1950-1950
 CLASS ALL WEATHER HOURS (L.S.T.) 24
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.0	2.2	3.4	.7	.1						1.9	10.7
NNE		1.0	2.4	1.6								3.0	6.7
NE	.2	1.0	1.7	.6								4.5	7.0
ENE	.1	2.0	1.7	1.4								4.6	8.2
E	.2	1.3	4.9	4.0								10.9	9.4
ESE		.5	4.2	3.4								8.7	10.0
SE		.7	1.7	2.9								5.1	10.3
SSE		1.7	2.4	5.1	.2							8.8	11.1
S	.4	1.4	4.2	4.7	.4							10.6	9.9
SSW	.1	.7	1.2	2.9	.3							5.1	10.5
SW	.2	.7	1.8	2.2	.4							6.6	8.9
WSW	.3	1.1	2.0	1.8	.1							5.7	8.6
W	.3	1.2	1.6	1.1	.1							4.3	8.4
WNW	.2	.5	1.2	.7								2.9	7.7
NW		1.2	1.7	1.1								3.4	6.5
NNW	.4	.6	2.7	1.9								5.6	10.1
VARBL													
CALM												.0	
	1.9	19.1	37.4	30.0	1.9	.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 901

FEDERAL CLIMATOLOGY BRANCH
 AFM/TETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1458 WANNERY PAUL CENTER FL STATION NAME 03-70.71-0 YEARS 1960-1960 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.3	.9	5.6	.3							7.3	12.4
NNE	.1	.3	3.7	3.9								6.9	9.8
NE	.3	.9	2.4	2.3								4.6	8.0
ENE	.1	1.7	3.9	2.3								6.0	8.9
E		1.2	7.6	4.7								13.1	9.7
ESE	.2	.6	5.3	4.7	.1							10.8	10.0
SE	.1	1.2	4.4	5.3	.3							11.1	10.5
SSE	.1	.3	3.1	6.4	1.7							11.0	11.8
S	.2	.3	2.4	3.1	1.1							6.2	11.6
SSW	.1	.2	.4	1.3	.1							1.2	11.4
SW	.1	.2	1.6	1.0	.3							3.1	10.1
WSW		.2	1.7	.8	.3							3.4	11.2
W	.1	.4	1.7	2.2	.4	.1						4.3	11.9
WNW	.1	.1	.7	.8								1.7	10.0
NW	.1	.2	.5	.2								1.1	7.6
NNW		.2	.7	1.1								1.7	11.0
VARBL													
CALM												.1	
	1.9	9.1	41.7	42.7	4.4	.1						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 1443 STATION NAME: KENNEDY SPACE CENTER FL YEARS: 61-70, 77-80 MONTH: APR
 CLASS: ALL WEATHER HOURS (L.S.T.): 1500-1700
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	2.3	4.1	.2							6.0	11.6
NNE	.1	.9	3.4	3.4		.1						5.0	10.1
NE		1.2	2.4	1.6								5.2	9.9
ENE	.1	2.0	3.4	1.6								7.1	8.1
E		3.7	9.9	2.6								15.1	8.5
ESE		1.9	9.2	3.2								14.3	9.0
SE	.2	1.5	6.9	6.8	.1							15.6	10.1
SSE		.2	3.2	7.0	.6							12.3	11.9
S		.4	.7	2.2	.2							3.6	12.0
SSW			.1	.2								.3	12.7
SW		.2	.4	1.2	.2							2.1	11.5
WSW		.1	1.2	1.4	.1							.9	11.3
W	.1	.4	1.4	2.8	.2							5.1	11.3
WNW		.1	.3	.7	.3							1.4	12.5
NW		.1	.3									.4	7.8
NNW		.1		.1								.2	9.0
VARBL													
CALM													
	.6	13.1	45.2	38.9	2.1	.1						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 926

NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100 KENNEDY SPACE CENTER F. STATION NAME 60-7077-10 YEARS 1960-1961 MONTH 1-12
 CLASS ALL WEATHER
 HOUR (L.S.T.) 0000-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	2.0	1.1								2.7	7.8
NNE	.4	2.7	3.7	.8		.2						2.7	7.8
NE	.9	1.7	1.1	.4								2.7	6.1
ENE	1.7	2.7	1.0	.4								2.1	6.4
E	2.4	4.4	5.9	.9								11.7	6.0
ESE	2.7	4.3	5.1	1.3								12.2	6.7
SE	1.9	4.7	5.5	2.7								13.3	7.1
SSE	1.4	4.1	5.0	4.3	.2							12.4	6.6
S	.4	1.6	2.3	1.0	.1							5.3	6.5
SSW		.4	.2	.1								.7	7.3
SW		.3	.7	.7								1.7	7.5
WSW	.1	.0	1.4	.7								2.1	6.1
W	.1	1.3	2.1	.0								4.4	6.3
WNW	.1	.2	.0	.4	.2							2.2	6.7
NW	.2	.3	.1									.5	4.6
NNW	.6	.5	.4									1.0	4.9
VARBL													
CALM												.9	
	12.6	30.5	37.6	15.7	.8	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 629

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME KENNEDY SPACE CENTER FL YEARS 68-70, 71-72 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 0-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	.7	.1								2.3	4.2
NNE	.2	1.2	.9	1.0	.2							4.2	7.5
NE	1.5	1.9	1.0	.1								4.6	5.0
ENE	.4	1.1	.7	.1								2.3	3.5
E	1.9	3.2	4.9	1.7								11.7	7.2
ESE	2.2	3.6	4.8	1.1								11.7	6.6
SE	1.9	3.7	2.6	.4								8.9	5.8
SSE	1.3	5.2	5.4	2.8								14.6	7.6
S	2.1	4.2	4.2	2.4	.2							13.2	7.1
SSW	.3	.2	.9	.1								2.6	5.7
SW	.2	.9	.9	.1								2.2	6.4
WSW	.3	1.8	1.2	.1								2.2	6.1
W	.4	2.8	2.3	.4								5.2	7.0
WNW	.4	.9	1.2	.3								2.9	6.2
NW	.7	.4	.3									1.4	4.4
NNW	1.4	.8	.7	.1								3.0	4.7
VARBL													
CALM												5.9	
	17.9	32.4	32.3	11.0	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: ANNAPOLIS SPACE CENTER FL YEARS: 69-70, 77-80 AC MONTH: ALL
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	1.5	1.9	.1	.1						2.3	8.8
NNE	.3	1.1	2.7	1.4	.1	.1						3.0	8.4
NE	.7	1.2	1.4	.5								3.8	6.8
ENE	.4	1.8	1.8	.8								4.5	7.1
E	1.2	2.5	5.4	2.3								11.5	7.9
ESE	1.2	2.8	4.6	2.1	.1							10.3	7.8
SE	1.0	2.3	3.6	2.3	.1							9.2	8.0
SSE	.0	2.3	3.2	2.2	.2							10.0	8.8
S	1.1	2.5	3.1	2.3	.3							9.3	8.1
SSW	.6	1.2	1.2	.8	.1							3.9	7.5
SW	.5	1.0	1.1	.8	.1							3.4	7.8
WSW	.5	1.7	1.5	.7	.1							3.8	7.7
W	1.1	1.5	1.6	1.1	.1	.1						5.8	7.0
WNW	.5	.9	1.0	.4	.1							2.9	8.9
NW	.5	1.2	1.1	.5								3.6	6.3
NNW	.8	1.3	1.1	.6								3.9	6.9
VARBL													
CALM												3.6	
	22.1	25.4	44.9	21.7	1.3	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10285 STATION NAME KENNEDY SPACE CENTER FL YEARS 69-70, 73-80 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	.7	.6	.4								2.3	4.1
NNE	1.1	.9	.2	.3								2.4	3.7
NE	1.7	1.1										3.0	3.7
ENE	1.5	1.2	.1									2.8	3.8
E	2.8	5.1	2.2	1.7								11.8	5.6
ESE	2.5	5.2	5.1	1.1								13.9	6.1
SE	2.5	3.9	1.5	.5								8.3	5.1
SSE	2.5	4.1	1.2	1.3	.1							9.1	4.1
S	4.3	4.6	2.5	.5								11.9	4.9
SSW	1.7	3.4	1.7	.2	.1							8.5	5.2
SW	1.4	1.2	.6	.3								3.6	5.4
WSW	1.5	1.7	.8									4.2	4.8
W	2.3	2.6	1.6	.3								6.8	3.7
WNW	1.7	1.4	.6	.1								3.1	4.8
NW	.4	.4	.3									1.2	4.5
NNW	.4	.6		.2								1.3	5.4
VARBL													
CALM												9.8	
	27.8	37.6	18.3	6.4	.7							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1986 STATION KENNEDY SPACE CENTER FL 50-70.73-29 YEARS 1980-1985 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 1600-1800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	.0	.4								4.7	5.1
NNE	.6	.2	.4	.3								2.0	6.2
NE	.6	.2	.7	.2								1.9	5.3
ENE	.9	1.5	1.5									3.9	5.8
E	2.5	3.7	3.7	1.0								10.6	6.2
ESE	1.4	3.7	3.5	.5								5.5	6.6
SE	2.2	1.6	1.7	.2								5.3	4.9
SSE	1.4	2.2	2.2	.0								5.5	6.4
S	2.3	2.6	1.8	1.9								6.6	7.1
SSW	1.1	2.2	1.7	.4								5.4	6.3
SW	.9	1.2	1.5	.2								3.8	6.0
WSW	1.9	2.4	2.6	.4								7.3	5.8
W	2.4	3.7	2.5	.3								8.2	5.5
WNW	1.7	1.7	1.1									1.3	4.6
NW	1.3	2.2	1.0									4.4	4.8
NNW	2.0	1.4	.8	.4								4.6	5.0
VARBL												3.9	
CALM													
	25.9	30.5	27.4	7.2								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: KENNEDY SPACE CENTER FL STATION NAME: KENNEDY SPACE CENTER FL YEARS: 69-70, 72-80 MONTH: MAY
 CLASS: ALL WEATHER HOURS (L.S.T.): 0000-2300
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.7	1.6								4.3	2.4
NNE	.0	.0	2.2	1.3	.1							1.5	2.0
NE		1.4	1.7	.6								3.8	2.7
ENE	.0	1.3	3.2	1.2								5.2	2.8
E	.4	2.2	6.3	3.1								12.0	3.7
ESE	.3	1.5	5.9	1.7								9.5	3.5
SE	.6	1.6	4.3	1.3								7.8	2.9
SSE	.3	1.5	3.3	3.7	.1							6.9	3.4
S	.5	2.4	3.0	3.8								3.7	3.9
SSW	.0	1.7	1.6	1.6	.1							5.2	3.3
SW	.2	1.5	2.5	1.6								5.9	3.4
WSW	.4	1.3	2.4	.5								5.3	2.8
W	.0	2.2	2.4	1.0	.2							5.2	2.5
WNW	.5	1.1	2.3	.5								4.4	2.0
NW	.4	1.2	1.1	.2								2.9	2.1
NNW	.2	.6	.5	.8								2.3	2.1
VARIABLE													
CALM												1.1	
	6.6	27.2	44.5	24.1	.5							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1.434 KENNEDY SPACE CENTER FL STATION NAME 64-74,77-96 YEARS
 MONTH 12.00-14.00
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	1.2	1.4	.3							2.2	10.0
NNE	.1	1.1	3.8	2.3	.5							7.7	10.0
NE		1.1	2.4	.3	.1							4.3	5.7
ENE	.1	1.6	5.6	1.8								7.1	8.5
E	.2	4.0	17.8	5.8								27.8	8.7
ESE	.2	1.5	9.5	2.4								14.6	7.1
SE	.1	1.4	4.9	3.3								9.8	7.4
SSE	.3	1.7	4.7	2.2								10.9	7.6
S	.1	.3	1.6	1.3	.1							3.8	7.7
SSW		.5	1.1	1.1								3.7	9.6
SW		.1	1.5	.0								2.5	7.6
WSW		.4	1.3	1.2								2.9	9.7
W	.1	.5	.6	1.2	.1							2.8	9.9
WNW	.1	.3	.5	.6	.1							1.7	9.7
NW		.2	.4	.1								.7	2.0
NNW		.4	.2	.6								1.3	9.8
VARBL													
CALM												.4	
	1.4	15.3	52.6	29.0	1.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 62-72,77-01 YEARS MAY
 CLASS ALL WEATHER MONTH MAY
 HOURS (L.S.T.) 1800-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.5	1.2	.3							2.4	10.9
NNE	.1	.6	1.3	2.3	.2							4.9	10.3
NE	.1	.5	3.7	.5	.1							4.7	8.2
ENE		1.3	5.1	1.9								8.3	9.0
E	.2	2.1	16.3	4.9								23.8	9.0
ESE	.2	2.1	12.4	4.5								19.1	9.0
SE	.2	1.3	2.5	2.8	.1							11.2	9.3
SSE	.3	.6	4.0	2.7								.6	9.9
S	.3	.3	1.4	1.9	.2							4.6	9.9
SSW		.5	1.7	.2								1.7	7.6
SW		.4	.7	.3								1.1	8.0
WSW	.1	.1	.4	.8								1.4	10.8
W		.7	.4	1.2	.1							2.7	12.0
WNW	.2		.4	1.0	.2							1.8	11.5
NW		.1	.5	.1								.8	8.1
NNW	.1	.1	.4	.1								.8	8.6
VARBL													
CALM												.6	
	2.2	12.4	54.6	28.9	1.3							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 970

FEDERAL CLIMATOLOGY BRANCH
 U.S. DEPT. OF COMMERCE
 AIR WEATHER SERVICE/MAR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 6-70, 73-80 YEARS 1966 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-0000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.7	1.1								4.2	2.2
NNE	.7	1.5	1.2	.9	.1							3.7	7.8
NE	.9	1.8	.6									3.1	4.7
ENE	.3	1.7	2.2	.4								1.1	6.3
E	2.2	9.7	3.7	1.2								21.3	6.4
ESE	1.5	5.4	7.2	1.7								11.1	6.6
SE	2.5	6.7	6.6	1.7								11.5	6.5
SSE	1.2	2.7	5.4	2.2	.1							11.5	6.2
S	.8	1.4	2.7	2.2								7.8	6.5
SSW	.5	1.1	1.7	.3	.1							7.5	7.3
SW	.7	.1	.2			.1						.6	7.7
WSW	.2	.3	.7	.8								1.6	6.9
W	.1	.4	1.3	.3								2.9	6.0
WNW	.7	.1	.4	.4								1.7	6.4
NW			.5	.1								.6	6.5
NNW	.2	.2	.3									.9	6.4
VARBL													
CALM												2.8	
	12.4	32.7	39.6	12.2	.3	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 731

FEDERAL BUREAU OF SURVEY
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 61-70,77-1 YEARS 1971-1972 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 17-23
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.0	.0	.1							1.0	1.0
NNE	.0	1.0	.4	.4								1.8	2.0
NE	1.0	1.0	.0	.1								2.1	4.1
ENE	1.0	1.0	1.1									3.1	4.0
E	2.0	5.0	4.7	.6								12.3	6.0
ESE	2.0	7.0	5.0	1.0								15.0	6.0
SE	1.4	5.1	2.5	.4								11.4	5.0
SSE	2.0	4.4	4.0	.4								11.2	5.0
S	1.1	4.0	4.0	1.2								10.3	6.0
SSW	.0	2.0	1.1	.2								3.3	3.0
SW	.0	.0	.0	.0								0.0	0.0
WSW	1.1	.0	.0	.0								1.1	1.0
W	.0	1.0	1.0	.3								2.3	2.1
WNW	.0	.0	.4	.1								0.5	0.6
NW	.0	.0	.1	.0								0.1	0.0
NNW	.0	.1	.0	.1								0.2	0.0
VARBL												0.0	0.0
CALM												5.3	
TOTAL	11.5	34.4	27.5	6.3	.1							80.1	4.4

TOTAL NUMBER OF OBSERVATIONS 93

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAJ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: KENNEDY SPACE CENTER FL STATION NAME: 68-70, 73-75 YEARS: MAY
 CLASS: ALL WEATHER MONTH: ALL
 CONDITION: _____ HOURS (L.S.T.): _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.7	1.1	.0	.1							3.1	7.3
NNE	.5	.2	1.7	1.2	.1							3.4	6.4
NE	.7	1.7	1.1	.3	.7							3.1	6.3
ENE	.7	1.3	2.4	.7								3.2	7.1
E	1.7	4.6	7.1	7.3								11.6	7.4
ESE	1.4	3.7	6.5	1.8								13.3	7.4
SE	1.0	3.1	3.6	1.2	.1							4.9	6.7
SSE	1.4	2.4	1.1	1.0	.1							.9	7.6
S	1.0	2.7	2.4	1.6	.1							3.6	7.0
SSW	.0	1.0	1.1	.5	.7							4.2	6.4
SW	.0	.3	1.1	.4		.1						3.2	6.5
WSW	.1	1.3	1.2	.5								3.3	6.4
W	1.2	1.0	1.7	.7	.1							3.2	6.5
WNW	.6	.4	.8	.3	.1							3.7	6.5
NW	.5	.4	.5	.1								1.9	6.3
NNW	.7	.6	.4	.3								1.9	6.0
VARBL													
CALM												3.7	
	10.4	25.2	34.9	14.8	.8	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION WINNEDY SPACE CENTER FL STATION NAME 69-73.77-84 YEARS 1960-1960 MONTH 1960-1960
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1960-1960
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.4	.1	.1								1.2	3.5
NNE	.6	.4	.5									1.5	3.6
NE	.2	.7	.2									.4	2.3
ENE	.9	.7										1.2	2.8
E	2.0	2.4	0.1									7.4	4.9
ESE	1.9	3.0	1.7	.3								7.9	5.2
SE	2.8	2.7	.8		.1							6.3	4.3
SSE	3.7	3.4	1.7	.1								9.3	4.6
S	4.2	2.2	2.7	.6								13.7	5.0
SSW	3.7	4.7	1.2	.1								11.7	4.6
SW	2.8	3.3	2.1	.1								9.8	4.0
WSW	2.6	3.7	1.1	.1								7.4	4.0
W	3.1	2.3	.4									6.2	3.9
WNW	1.4	.6	.1									2.1	3.4
NW	1.1	.7		.1								1.5	3.4
NNW	1.7	.1										1.4	2.4
VARBL													
CALM												13.2	
	33.6	35.6	15.0	1.6	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 592

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17 FEB STATION KENNEDY SPACE CENTER FL 69-72, 73-90 YEARS 307 MONTH
 ALL WEATHER CLASS 7, 0-96 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.1										1.4	2.1
NNE	1.0	.4										1.4	3.4
NE	.4	.3	.2									1.0	4.0
ENE	.7	.2	.1									1.7	4.0
E	2.3	2.9	1.0	.3								6.6	4.8
ESE	1.6	1.2	.2	.3								4.4	5.1
SE	1.9	1.2	.3	.2								4.3	4.8
SSE	2.3	1.2	.2	.1								4.4	4.1
S	3.2	5.1	.7	.4								9.3	4.8
SSW	4.3	4.9	1.5	.6								10.2	4.4
SW	2.2	3.4	1.4	.3								8.0	4.3
WSW	3.1	4.3	1.5									8.4	4.4
W	4.5	4.6	.1									9.2	3.6
WNW	2.4	.3										3.3	2.6
NW	1.6	.9										2.7	3.7
NNW	2.2	.6										2.8	2.5
VARBL													
CALM												13.8	
	36.3	35.1	7.4	2.3								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER STATION NAME 50-70071-1 YEARS 50-51 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 1600-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	0.7									1.0	3.0
NNE	1.4	1.7	1.4									1.6	3.0
NE	1.4	2.1	1.4									2.2	3.5
ENE	1.3	2.1	1.4	0.1								2.4	3.4
E	1.3	1.7	2.0	0.1								2.3	3.9
ESE	2.4	2.0	0.7									3.4	4.8
SE	1.0	0.7	0.7	0.7								2.1	4.7
SSE	1.4	1.7	1.7	0.7								2.2	4.5
S	1.0	1.4	1.4	0.7			0.1					2.4	5.9
SSW	1.7	2.7	1.0	0.4		0.1						2.1	5.9
SW	1.4	2.0	1.7	0.4	0.1							2.8	5.9
WSW	1.2	4.2	2.7	0.2								2.4	5.7
W	1.7	4.1	1.5									3.7	4.5
WNW	1.7	2.0	0.9	0.1								2.6	4.2
NW	1.7	2.0	0.7									4.2	3.8
NNW	1.7	1.7										2.7	3.3
VARBL													
CALM												15.2	
	32.1	32.4	16.7	3.0	0.1	0.1	0.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 910

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-70.73-60 YEARS 69-70-71 MONTH 09-11
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	.3	.4								7.8	6.3
NNE	.7	1.7	2.4	.3								5.1	6.7
NE	.6	2.2	2.2	1.2								6.8	7.2
ENE	.1	2.2	2.9	.6								5.8	7.4
E	1.1	4.1	3.8	1.6								10.6	7.2
ESE	1.7	2.4	2.9	1.3								7.7	7.4
SE	.6	2.3	1.7	.3								4.2	6.9
SSE	.2	1.8	2.3	.6								3.3	7.4
S	.3	2.3	3.7	.9	.1							7.3	7.4
SSW	.3	1.4	1.9	.4	.1	.1						4.3	7.4
SW	.7	2.6	2.9	1.2								7.6	7.2
WSW	1.1	3.3	4.1	1.7								10.2	7.3
W	1.3	4.3	2.3	.6								9.5	6.1
WNW	1.2	1.9	1.9	.1								3.5	6.4
NW	.2	2.1	.9									3.7	6.6
NNW	.4	.9	.3	.1								1.3	6.3
VARBL													
CALM												8.5	
	11.7	38.0	36.7	11.3	.2	.1						101.2	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-39 KENNEDY SPACE CENTER FL STATION NAME 60-70,77-20 YEARS
 CLASS ALL WEATHER MONTH JUL
 HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.7	.7	.6								1.6	5.4
NNE	.7	1.2	3.8	1.2								6.9	6.4
NE		1.7	5.8	2.1								9.6	6.8
ENE	.1	3.3	5.1	1.1								9.7	7.7
E	.9	4.9	14.3	2.2								22.0	7.9
ESE	.3	2.7	7.9	2.7								13.6	6.5
SE	.2	1.6	4.3	1.9								8.0	6.4
SSE	.4	2.1	4.7	1.4								8.6	6.6
S	.7	1.2	1.8	.9								4.6	7.3
SSW		.5	.8	.9								3.2	6.7
SW		1.7	1.4	.7								3.1	6.1
WSW	.2	.5	2.1	1.1	.1							4.4	9.6
W	.2	.4	1.1	.8								2.9	6.1
WNW	.4	.6	.6	.1								1.7	6.1
NW	.1	.2	.2	.1								.7	7.7
NNW	.1	.1	.2	.1								.6	7.2
VARBL													
CALM												.7	
	3.8	23.4	54.1	17.9	.1							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12.85 STATION KENNEDY SPACE CENTER FL STATION NAME 69-70, 73-90 YEARS JUL MONTH
1970-1970 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.7	.4								1.3	6.5
NNE	.7	1.1	2.4	1.0	.1							1.3	7.5
NE		.3	2.4	1.0	.2							4.4	7.2
ENE	.4	2.4	4.6	1.4								3.9	7.9
E	.5	3.4	14.7	1.9								20.6	8.2
ESE	.7	2.4	13.9	2.9								19.6	8.4
SE	.7	1.3	3.4	2.9								13.3	8.7
SSE	.6	1.3	4.7	2.3								5.2	8.9
S	.7	1.2	1.4	1.8								5.1	8.3
SSW	.4	.9	.7	.4								.1	6.7
SW	.2	.7	1.7	.2								2.1	7.4
WSW	.1	.9	.9	1.7	.1							3.0	9.5
W	.7	.4	.9	.7								1.9	7.5
WNW		.3	.3	.3								1.0	6.4
NW		.2	.2	.1								.6	7.6
NNW	.7	.7	.7	.1								1.1	8.8
VARBL													
CALM												1.0	
	5.6	18.6	55.3	19.1	.4							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-0000 KENNEDY SPACE CENTER FL STATION NAME 62-76.73-80 YEARS 00 MONTH 00
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-2400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.7	.7	.2								2.5	5.7
NNE	.3	2.7	.9	.4	.1							3.7	5.7
NE	1.3	1.4	1.1	.2	.2							4.3	5.8
ENE	1.2	2.3	1.2	.3								5.1	5.6
E	2.3	3.3	5.2	.6								11.9	6.2
ESE	2.3	7.1	5.3	.2								15.3	5.8
SE	1.1	7.2	4.1	.3								13.2	6.1
SSE	1.7	5.6	5.1	1.3								13.5	5.6
S	2.4	2.4	4.1	.5								10.2	6.3
SSW	.4	1.6	1.3	.8	.1							4.2	7.5
SW	.9	.9	1.1	.4								3.3	5.4
WSW	.4	1.7	.4	.2								2.1	5.6
W	.2	.2	.9	.2								2.7	5.8
WNW	.2	.2	.1									.7	4.0
NW	.4	.1	.2	.1		.1						1.0	6.9
NNW	.1	.3	.3	.1								.9	6.9
VARBL													
CALM												5.2	
	17.4	37.8	32.6	6.4	.4	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14-36 WANNERY SPACE CENTER FL STATION NAME 68-70, 77-80 YEARS JUL MONTH
 CLASS ALL WEATHER 11 0-2370 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.9	.3									1.8	4.5
NNE	.4	.7	.3	.2								1.7	3.8
NE	.7	.8	.4	.2								2.1	3.2
ENE	1.1	1.1	.3									2.6	4.1
E	1.8	3.7	3.0	.1								8.6	6.6
ESE	2.7	5.7	2.1									10.5	4.6
SE	2.1	5.9	1.7	.1								10.7	4.9
SSE	3.3	5.1	2.6	.2								11.2	5.0
S	4.3	6.2	3.7	.1								14.7	4.8
SSW	2.1	2.4	1.7	.2								6.4	3.2
SW	1.9	1.7	1.7	.1								4.9	3.1
WSW	1.2	2.7	.4	.1								3.8	4.6
W	1.2	2.2	.3	.1								3.9	4.5
WNW	1.2	.2										1.4	3.3
NW	.4	.2	.1									.8	3.9
NNW	.6	.2	.3									1.1	4.3
VARBL													
CALM												1.3	
	28.7	39.4	13.0	1.6								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1973 STATION KENNEDY SPACE CENTER FL STATION NAME 69-70, 77-R YEARS 69-70, 77-R MONTH JUL
 CLASS ALL WEATHER MONTH ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.0	.3	.2								2.7	4.0
NNE	.5	1.7	1.4	.5	.							3.1	7.2
NE	.6	1.1	1.6	.4	.1							3.9	7.3
ENE	.7	1.7	1.0	.4								4.8	6.7
E	1.7	3.3	5.6	.0								11.7	6.9
ESE	1.7	3.4	4.4	1.0								10.5	6.7
SE	1.5	3.7	2.6	.8	.							7.9	6.3
SSE	1.7	2.2	2.6	.8								8.0	6.3
S	1.3	3.2	2.4	.7	.		.					9.1	5.8
SSW	1.6	2.4	1.2	.5	.	.						5.7	5.7
SW	1.4	2.2	1.6	.4	.							5.7	5.8
WSW	1.4	2.6	1.7	.6	.							6.2	6.1
W	1.9	2.5	1.	.2								5.7	6.0
WNW	1.2	.9	.5	.1								3.0	4.5
NW	.8	.7	.2	.1		.						1.9	4.5
NNW	.8	.3	.2	.1								1.8	4.1
VARBL													
CALM												8.6	
	21.1	32.7	29.5	7.9	.	.	.					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7,000

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11-9 KENNEDY SPACE CENTER FL STATION NAME 60-70,77-80 YEARS JUL MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.1	.1									1.4	3.5
NNE	.5											.7	2.2
NE	.5	.1										.6	2.7
ENE	.9	.2	.5									1.7	4.7
E	2.4	2.3	.9									5.6	4.1
ESE	1.5	3.1	.6									5.3	4.1
SE	1.3	2.9	1.4	.1								5.7	3.6
SSE	2.1	2.9	.4									5.5	3.8
S	5.3	9.9	2.7									17.2	4.8
SSW	3.2	6.5	1.2									12.2	4.3
SW	4.7	3.4	1.5	.1								9.0	4.5
WSW	2.8	3.1	1.7									7.6	4.6
W	2.2	3.3	1.8									6.5	4.5
WNW	1.8	.2	.1									1.3	3.4
NW	1.1	.1										1.2	2.5
NNW	1.0	.1										1.1	2.6
VARBL													
CALM												10.0	
	33.4	33.8	11.5	.2								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 57

USAF CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KEANEDY SPACE CENTER FL STATION NAME 69-70.77-01 YEARS JUL MONTH 1954
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.4
NNE	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0
NE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
ENE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
E	2.7	2.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.9	3.9
ESE	1.2	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.0
SE	2.4	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.3
SSE	1.7	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.9
S	3.6	5.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	12.4	3.8
SSW	3.1	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	3.9
SW	2.4	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	2.3
WSW	1.7	4.2	2.2	.0	.0	.0	.0	.0	.0	.0	.0	9.0	4.0
W	2.3	4.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	6.7	4.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
NNW	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.5
VARBL													
CALM												11.2	
	35.6	35.8	7.2	.2								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 177

GLOBAL CLIMATOLOGY BRANCH
 WINDMETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KEANLEY SPACE CENTER FL STATION NAME 64-76,77- YEARS 1964-1965 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 187
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.0	.1	.1								2.2	3.7
NNE	1.3	.6										2.5	4.1
NE	.8	.4	.4									1.6	3.1
ENE	.7	.6	.3	.1								1.7	3.1
E	2.4	2.3	.5	.1								3.3	4.5
ESE	1.4	2.2	1.2									4.8	4.5
SE	1.2	1.5	1.7	.1								4.2	5.1
SSE	1.7	1.1	.2	.1								3.1	4.0
S	4.5	4.5	1.7									11.2	4.3
SSW	3.8	4.7	1.6									9.7	4.3
SW	2.7	4.2	1.8	.1								8.8	4.7
WSW	2.5	3.5	2.3	.2								8.5	5.2
W	.7	5.2	2.3	.1								11.4	4.2
WNW	1.0	1.2	.5	.1								2.8	4.2
NW	.2	.3	.3									2.2	4.6
NNW	1.4	.4	.1	.1								2.0	5.6
VARBL													
CALM												17.8	
	31.4	34.2	15.4	1.2								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 93

AD-A102 401

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KENNEDY SPACE CENTER, FLORIDA. REVISED UNIFORM SUMMARY OF SURFA--ETC(1)
MAY 81

UNCLASSIFIED

UAFETAC/DS-81/062

SRIE-AD-E650 093

NL

2 of 5

Shover
■

The table consists of 10 columns and 15 rows. The top-left cell is white and contains the text '2 of 5' and 'Shover' with a small black square below it. The remaining 147 cells in the grid are solid black, indicating redacted content.

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-70.77-26 YEARS JUL
 CLASS ALL WEATHER MONTH 1968-1970
 CONDITION _____
 HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.4	.6									2.7	3.1
NNE	.5	.5	.9									3.3	5.6
NE	.7	1.4	.9	.2								3.1	6.1
ENE	.4	2.2	1.9	1.7								5.5	7.1
E	.6	3.7	3.3	.5								8.3	8.6
ESE	.5	2.3	2.6	.2								6.3	7.0
SE	.2	1.4	3.1	1.2								5.9	8.0
SSE		3.7	3.5	.4								3.7	7.2
S	1.2	4.6	5.7	1.0								12.5	6.7
SSW	.9	1.9	2.4	.2								5.4	6.3
SW	.9	3.3	4.5	1.1								9.9	7.0
WSW	1.3	4.6	3.9	.4								10.2	8.2
W	1.3	2.4	3.5	.8								8.3	6.7
WNW	.5	1.2	1.9	.2								3.9	5.7
NW	.5	1.6	1.7									3.1	5.3
NNW	.5	1.1	.4									2.0	4.9
VARBL													
CALM												7.9	
	10.4	37.8	41.1	7.7								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-82 KENNEDY SPACE CENTER FL STATION NAME 60-70, 77-80 YEARS JUL MONTH
 CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.3									1.2	6.8
NNE	.2	1.2	1.5	.1								3.0	6.8
NE		2.7	2.7									4.1	6.6
ENE	.2	1.9	3.7	.4								6.2	7.3
E	.6	6.1	11.4	1.6								15.8	7.4
ESE	.3	2.2	7.7	1.6								11.8	8.1
SE	.4	2.6	4.3	3.1	.1							14.5	8.7
SSE	.1	2.7	7.3	1.9								11.5	8.3
S	.4	1.9	3.4	.3	.1							6.2	7.4
SSW		1.4	1.5	.1								3.5	7.2
SW	.2	.3	2.3	1.5								4.3	8.9
WSW	.1	1.1	2.6	.9								4.6	8.3
W	.5	.5	1.6	.8	.1							3.7	8.1
WNW	.4	1.2	.4	.3								2.4	7.9
NW	.2	.4	.5									1.3	5.9
NNW	.1	.2	.1	.1								.6	5.0
VARBL													
CALM												.9	
	4.2	25.7	55.2	12.8	.1							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-70.77-R YEARS JUL
 CLASS ALL WEATHER MONTH 1966-1968
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.6	.1								1.8	6.7
NNE	.2	.5	.8	.3								1.8	7.2
NE	.3	.9	1.5	.2								2.9	7.0
ENE	.1	1.6	3.1	.2	.1							5.2	7.5
E	.8	4.4	11.2	1.4								17.7	7.7
ESE	.3	3.3	11.3	2.4								17.7	7.9
SE	1.2	3.8	9.9	3.4								15.1	8.3
SSE	.6	1.9	5.8	2.8	.1							11.3	7.7
S	.2	1.7	2.9	.9	.1							5.1	6.6
SSW	.2	1.6	1.0	.3	.2							2.7	6.7
SW	.1	.4	1.7	.2								1.7	7.6
WSW	.2	.3	2.5	1.0	.1							4.5	6.6
W	.5	.6	1.5	1.0	.1							3.8	6.5
WNW	.2	.5	.2	.1								1.2	6.6
NW	.1	.1	.5									.3	7.5
NNW	.3	.2	.4	.4								1.4	7.8
VARBL													
CALM												2.5	
	6.0	21.8	54.2	14.7	.8							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1980 STATION KENNEDY SPACE CENTER FL STATION NAME 69-70,73-80 YEARS JUL MONTH
1810-2000 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.1	.1	.1								1.7	4.9
NNE	.4	.5		.1								1.1	4.7
NE	1.7	.3	.2									1.9	4.1
ENE	1.2	1.2	1.7									4.0	4.9
E	1.5	4.2	2.6									6.3	3.4
ESE	2.3	5.2	3.4	.4								11.3	5.7
SE	2.2	5.7	4.2	.2								13.0	5.5
SSE	1.5	5.6	5.3	1.7								14.3	6.4
S	1.1	6.1	5.2	.9								16.2	6.2
SSW	.9	1.9	1.0	.3								3.1	6.1
SW	.7	1.2	.7	.4								2.3	6.2
WSW	.7	1.2	1.4	.8	.1							4.0	7.6
W	1.1	2.1	1.6	.2	.2							5.2	6.2
WNW	.5	.4	.7									1.6	4.4
NW	.5	.2										.9	3.3
NNW	.4	.5										1.2	3.3
VARBL													
CALM												8.4	
	18.6	39.7	28.6	4.4	.3							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 43

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17-83 STATION KENNEDY SPACE CENTER FL STATION NAME 64-70,73-50 YEARS JUL MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.7										1.7	3.6
NNE	.3	.2										.3	3.2
NE	.9	.3	.1									1.3	3.8
ENE	.5	.8	.6									2.0	4.9
E	2.3	3.9	.8									7.4	4.2
ESE	3.2	3.2	1.7									8.0	4.2
SE	2.2	4.3	1.7									7.4	4.7
SSE	1.7	5.8	1.4									8.9	5.0
S	4.4	9.7	3.4	.5								18.1	5.1
SSW	3.4	4.5	1.8	.2								10.0	4.7
SW	2.2	2.4	.5	.1								5.2	4.3
WSW	1.7	1.8	1.7	.1								4.6	5.6
W	2.6	3.5	.9									7.0	4.4
WNW	.9	.5		.1								1.5	3.6
NW	.5	.1	.1									.8	3.1
NNW	1.0	.2			.1							1.3	3.2
VARBL													
CALM												14.7	
	28.6	42.2	13.3	1.1	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-33 STATION KENNEDY SPACE CENTER FL STATION NAME 62-76.77-00 YEARS JUL MONTH
ALL CLASS ALL HOURS (L.S.T.)
ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.3	.								1.7	4.4
NNE	.6	.5	.4	.1								1.6	5.1
NE	.5	.8	.6	.1								2.0	5.6
ENE	.5	1.3	1.5	.2	.							3.6	6.4
E	1.7	3.7	3.9	.5								9.7	6.2
ESE	1.4	3.0	3.5	.6								9.6	6.4
SE	1.4	3.1	3.7	1.0	.							9.3	6.4
SSE	1.7	3.2	3.1	.8	.							8.5	6.5
S	3.1	5.5	3.3	.4	.							12.4	5.4
SSW	2.6	3.5	1.5	.1	.							7.8	4.9
SW	1.7	2.4	1.6	.4								6.1	5.5
WSW	1.3	2.5	2.3	.4	.							6.6	6.1
W	1.5	2.0	1.6	.7	.1							6.2	5.5
WNW	.7	.7	.4	.1								3.0	5.1
NW	.6	.4	.7									1.7	4.6
NNW	.8	.4	.1	.1	.							1.5	4.1
VARBL													
CALM												10.6	
	21.0	34.6	28.3	5.3	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 7445

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1936 STATION WANNEDY SPACE CENTER FL STATION NAME 69-70.73-FC YEARS AC MONTH

ALL WEATHER
 CLASS

1000-1000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.4		.1								2.2	3.4
NNE	.3	.2										1.7	2.6
NE	.6	.4										1.1	3.2
ENE	1.7	1.2	.2	.1								3.2	4.0
E	4.8	3.3	1.4	.2								9.8	4.3
ESE	4.8	5.1	1.2									11.1	4.2
SE	4.1	3.7	.2	.1								8.1	3.7
SSE	2.5	4.7	.4									6.9	4.7
S	6.1	6.1	.9	.1								13.1	3.6
SSW	2.2	2.2	.6	.1								4.5	4.1
SW	1.1	1.4	.3									2.6	4.3
WSW	1.7	.8	.4									2.9	3.0
W	1.3	1.2										2.5	3.4
WNW	1.2	.1										1.3	2.6
NW	.4	.1	.1									.8	4.2
NNW	1.5	.5										2.0	2.9
VARBL													
CALM												26.6	
	36.3	37.5	5.8	.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10000 KENNEDY SPACE CENTER FL STATION NAME 69-70,72-80 YEARS 10
 CLASS ALL WEATHER MONTH 10-11
 HOURS (L.S.T.) 0000-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2										2.4	2.5
NNE	1.3	.9										3.2	3.2
NE	1.6	.5	.1									3.3	3.2
ENE	3.0	1.3		.1								3.4	3.6
E	3.3	4.0	.4	.1								7.8	4.0
ESE	4.5	4.4	.2									9.1	3.7
SE	2.5	2.6	.1	.1								5.4	3.8
SSE	2.9	1.7	1.0									5.6	4.2
S	5.7	3.2	.3									9.2	3.2
SSW	2.6	3.7	.9									6.8	4.0
SW	3.1	1.0	.5	.1								4.7	3.9
WSW	1.4	.6	.4									2.5	3.8
W	1.6	.3										1.9	2.7
WNW	1.7	.4										1.4	2.5
NW	1.7	.5										2.3	2.7
NNW	2.5	.3										2.8	2.6
VARBL													
CALM												30.3	
	40.0	25.6	3.7	.4								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1969 STATION KENNEDY SPACE CENTER FL STATION NAME 69-70,72-01 YEARS 1969-1969 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-1800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.3	1.0	0.1									3.3	3.0
NNE	1.9	0.3	0.1									2.4	2.0
NE	0.5	0.5	0.6	0.1								3.8	3.8
ENE	4.1	1.9	0.9	0.1								7.0	3.7
E	4.4	3.5	2.0	0.5								10.9	4.8
ESE	0.2	2.5	0.8	0.2								6.7	4.3
SE	1.7	1.6	1.4									4.7	3.0
SSE	0.2	2.0	0.4	0.1								4.7	4.0
S	3.2	2.5	1.4									7.1	4.3
SSW	3.1	2.7	1.0									6.7	4.1
SW	1.2	1.0	1.1	0.1								3.3	3.2
WSW	1.5	1.3	1.1									3.9	3.0
W	1.0	0.3	0.2									2.6	3.4
WNW	1.7	0.5	0.2									1.9	3.5
NW	1.1	0.3	0.1									1.5	2.9
NNW	1.9	0.9	0.1									2.9	3.3
VARBL													
CALM												26.7	
	37.2	23.4	11.5	1.2								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 571

CELESTIAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-30 KENNEDY SPACE CENTER FL STATION NAME 69-70,77-10 YEARS 40 MONTH 1960-1969
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	1.2	.2								1.3	5.0
NNE	1.2	1.5	1.5	.1								4.4	5.4
NE	.5	2.3	1.3									4.0	5.3
ENE	1.6	3.4	2.4	.6								5.2	5.8
E	1.7	6.2	7.8	1.3								17.2	6.4
ESE	.9	5.3	5.3	.6								12.0	6.7
SE	.5	2.2	3.4	.5								5.5	7.2
SSE	.6	2.8	4.4	.6								5.5	7.5
S	1.1	3.3	4.6	.5								10.1	5.6
SSW	.7	2.7	1.4	.2								4.2	5.9
SW	.8	2.7	2.7	.9								5.6	6.6
WSW	.4	2.4	1.5	.2								4.5	5.2
W	.4	1.7	.6	.1								2.5	3.2
WNW	.9	.5	.2									1.5	4.2
NW	.3	1.2	.2									2.3	4.1
NNW	.3	.5	.6									1.5	3.0
VARBL													
CALM												2.5	
	13.1	32.9	38.6	5.9								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 570

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1988 STATION KENNEDY SPACE CENTER FL STATION NAME 60-70, 77-80 YEARS 30 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N			1.3	1.1								2.4	5.0
NNE	.7	1.4	2.8	.2								4.7	6.2
NE	.6	2.7	3.8	.1								3.9	6.6
ENE	.5	3.3	5.9	1.4								11.3	7.5
E	.4	6.6	17.8	1.6								28.5	7.7
ESE	.5	2.8	3.7	1.4								13.4	6.0
SE	.7	2.3	7.4	.6	.1							13.8	7.5
SSE	.4	1.5	5.1	2.6	.1							8.7	6.9
S	.1	1.6	2.2	.7	.1							4.3	7.5
SSW	.1	.4	.6	.2								1.6	7.2
SW	.3	.4	1.2	.5								2.6	7.9
WSW	.1	.1	1.4	.9								2.5	7.7
W	.2	.5	.2	.1								1.1	6.6
WNW	.1	.2	.1	.1								.8	7.6
NW	.1	.2	.1									.4	5.5
NNW	.1											.1	2.0
VARBL													
CALM												.8	
	4.5	24.7	58.5	11.2	.3							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-24 ANNVRY SPACE CENTER FL STATION NAME 57-70-73-10 YEARS ALL MONTH ALL
 CLASS ALL WEATHER HOURS (L.S.T.) 00-1700
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	1.1	.4								2.4	7.5
NNE	.1	1.2	1.2	.3								2.3	6.6
NE	.5	1.7	1.4	.2								2.5	6.2
ENE	.1	3.3	5.6	.4								3.4	7.3
E	1.7	6.4	17.2	1.7								27.4	7.5
ESE	.4	2.5	1.5	1.3								21.3	6.2
SE	1.4	2.4	10.4	2.2								17.7	6.0
SSE	.2	1.4	2.2	1.4								1.5	6.7
S	1.2	.4	.4	.5	.1							2.2	4.5
SSW	.2	.1	.5	.2								1.4	7.1
SW		.7	.8	.2								1.3	4.2
WSW	.1	.5	.4	.6								1.5	6.2
W	.5	.2	1.1	.5	.1	.1						2.7	6.9
WNW		.2	.3	.2								.8	6.9
NW	.1	.4	.1									.5	6.0
NNW	.2	.1	.3	.2								1.0	6.2
VARBL													
CALM													
	2.2	22.4	56.7	17.8	.2	.1						111.2	7.5

TOTAL NUMBER OF OBSERVATIONS 37

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 130 KENNEDY SPACE CENTER FL STATION NAME 60-70.70-01 YEARS
 CLASS ALL WEATHER MONTH 1960-1961
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.2	1.3									.2	2.6
NNE	.2	1.2	.4									1.6	4.5
NE	.0	.0	.2									1.7	4.4
ENE	1.7	1.3	1.4									4.2	3.6
E	5.0	17.3	4.5	.3								21.1	4.9
ESE	4.0	5.2	2.7	.3								10.2	5.0
SE	3.3	3.1	2.7	.3								13.8	5.0
SSE	1.2	4.4	2.4	.1								8.9	3.5
S	1.6	2.7	1.6	.1	.1							5.1	3.6
SSW	.0	2.7	.7									3.9	4.4
SW	.0	.7	.5	.3								1.7	3.4
WSW	.3	.4	.2	.1								1.7	3.0
W	.0	.0	.5	.1	.0							1.9	7.0
WNW	.2	.1	.2									.1	4.5
NW	.5	.1				.1						1.0	3.4
NNW	.0	.2	.1	.1								.6	3.5
VARBL													
CALM												11.2	
	23.5	42.4	20.6	1.5	.3	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11089 KENNEDY SPACE CENTER FL STATION NAME 69-72.77-00 YEARS 70 MONTH 11
 CLASS ALL WEATHER HOURS (L.S.T.) 00-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	.0	.2		.3							2.4	4.0
NNE	1.2	1.1			.1							3.4	4.0
NE	.2	.0										.2	3.6
ENE	1.3	1.1	.9									3.1	4.4
E	5.9	5.8	1.5	.2								13.4	4.3
ESE	7.2	6.7	1.4	.2								15.6	4.1
SE	7.3	5.4	1.0									12.7	4.0
SSE	3.1	5.7	.5									9.4	4.1
S	2.4	3.4	1.8	.3								8.0	4.0
SSW	2.5	1.2	.4									3.1	3.8
SW	1.7	1.2	.2	.1								3.5	4.0
WSW	1.1	.0	.4	.1								2.2	4.0
W	.0	.4										1.2	3.3
WNW	.4	.3										.7	3.1
NW	.2	.4										.6	3.4
NNW	.5	.6	.2									1.4	4.3
VARBL													
CALM												21.0	
	32.8	35.9	8.5	1.1	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 920

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-70, 73-01 YEARS AS
 CLASS ALL WEATHER MONTH ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.6	.2	.1							1.7	3.2
NNE	.8	1.0	.8	.1	.1							1.8	3.1
NE	.9	1.2	.9	.1								2.2	3.2
ENE	1.4	2.2	2.2	.3								5.4	5.9
E	3.5	5.3	6.6	.8								15.8	6.1
ESE	2.2	4.7	3.9	.5								12.3	5.7
SE	2.1	3.5	3.3	.5	.1							9.3	5.9
SSE	1.7	2.6	2.3	.6	.1							7.5	5.5
S	2.7	3.1	1.7	.2	.1							7.6	5.5
SSW	1.5	1.2	.8	.1								4.3	4.6
SW	1.0	.9	.8	.3								3.1	5.6
WSW	.2	.8	.9	.2								2.8	5.9
W	.2	.6	.3	.1	.1							2.1	5.1
WNW	.6	.2	.1	.1								1.2	4.2
NW	.6	.4	.1			.1						1.2	3.8
NNW	.9	.4	.2	.1								1.5	3.9
VARBL													
CALM												15.2	
	24.5	30.6	25.4	4.1	.1	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 36 KENNEDY SPACE CENTER FL STATION NAME 63-70,73-80 YEARS
 CLASS ALL WEATHER MONTH 000-000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.5	.3									1.1	3.7
NNE	.8	.2	.2									1.2	3.7
NE	1.1	.6	.6	.6								2.0	5.9
ENE	2.1	1.0	.2	.7								4.0	5.2
E	4.2	5.3	2.2	.9								13.2	5.1
ESE	4.1	7.7	1.7	.4								13.9	4.7
SE	4.0	3.6	.2									9.1	3.8
SSE	2.4	2.7	.4	.3								5.2	4.5
S	2.7	2.2	2.0	.1								7.0	5.1
SSW	1.0	1.4	.9									4.2	4.6
SW	1.2	1.1	.1	.1			.1					3.3	4.7
WSW	1.3	1.6						.2				3.1	5.9
W	1.0	1.0		.3								3.5	4.2
WNW	1.2	.1	.1									1.4	3.2
NW	.9	.2	.2									2.0	4.1
NNW	.6	.4										1.0	3.2
VARBL													
CALM												22.6	
	33.7	30.2	9.8	3.4			.1	.2				100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 970

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 NATIONAL WEATHER SERVICE/MAD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 60-1077-0 YEARS 1960-1961 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.0	1.1	0.0									4.1	2.4
NNE	0.7	0.6	0.2									1.5	4.1
NE	1.0	1.2	0.6									2.8	4.7
ENE	0.9	1.9	0.0	0.7								4.0	5.8
E	5.0	3.9	1.7	0.6								11.1	4.5
ESE	1.0	5.1	1.9	0.0								11.1	4.7
SE	2.4	2.1	0.7	0.2								5.4	4.4
SSE	1.6	1.4	0.4	0.3								4.1	4.2
S	2.4	1.4	0.2	0.1								4.5	4.2
SSW	3.7	2.7	0.7	0.0								7.6	4.5
SW	1.5	0.9	0.1	0.1			0.7					3.0	6.5
WSW	1.2	1.3										3.1	5.4
W	1.7	1.2	0.2	0.2								3.3	4.3
WNW	1.4	0.6	0.2									2.2	3.5
NW	1.2	1.0	0.2									2.4	4.5
NNW	0.1	1.0										3.1	3.1
VARBL													
CALM												27.8	
	32.9	27.9	8.8	2.3			0.3					100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 924

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20541
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION WANNEDY SPACE CENTER FL STATION NAME 50-70.73-70 YEARS 50
 CLASS ALL WEATHER MONTH DEC
 HOURS (L.S.T.) 1600-1500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.7	.2	.1								4.0	4.0
NNE	1.1	.5										1.6	3.5
NE	1.1	1.7	.6	.2	.1							3.8	5.9
ENE	2.7	1.7	1.6	.1								6.0	4.9
E	4.3	5.2	2.4	.3								12.8	4.8
ESE	3.9	4.2	2.8	.1								9.8	5.2
SE	1.6	1.4	.6	.1								3.7	4.6
SSE	.3	.8	.4	.5								2.0	4.9
S	1.3	1.2	.5	.1								3.6	4.9
SSW	1.9	1.9	.4	.2		.1						4.4	5.0
SW	1.2	1.1	.7			.2						3.2	5.8
WSW	1.7	1.0	.3	.1								3.1	4.1
W	2.3	1.6	.7	.1								5.7	3.6
WNW	1.7	1.3										3.0	3.4
NW	2.1	1.4	.2									3.3	3.6
NNW	1.6	1.3	.2									3.1	4.2
VARBL													
CALM												24.9	
	31.8	29.4	12.2	2.3	.2	.3						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-22 KENNEDY SPACE CENTER FL STATION NAME 60-76.73-24 YEARS 1988 MONTH 1988-1100
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	1.2	.7								4.2	6.0
NNE	.9	3.1	1.2	.1								1.7	5.2
NE	.7	2.4	2.7	.3								5.4	6.3
ENE	.7	2.3	3.3	.9	.2	.3						4.4	7.5
E	1.6	6.3	3.3	2.1								13.8	7.2
ESE	.9	3.0	6.9	1.5								12.6	7.2
SE	.2	1.9	2.9	.3								5.8	6.5
SSE	.3	2.2	1.9	1.7								3.4	7.2
S	.3	1.2	1.7	.3	.1							4.2	7.0
SSW	.1	1.2	1.0	.8								5.1	7.7
SW	.3	1.7	1.6	.4	.1	.2						4.3	5.1
WSW	.7	2.6	.6	.1								4.1	5.3
W	1.2	2.0	1.2	.2								3.2	5.4
WNW	.3	1.0	.7									2.4	4.6
NW	.3	1.0	.4									1.8	5.1
NNW	1.1	2.7	.6	.1								3.8	5.2
VARBL													
CALM												5.0	
	11.8	32.4	35.9	8.1	.4	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 920

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1002 KENNEDY SPACE CENTER FL STATION NAME 67-70.73-30 YEARS 90 MONTH 1200-1400
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	2.4	.2								3.6	7.9
NNE	.3	1.7	2.2	.2								4.4	6.6
NE	.3	3.2	4.7	1.5								9.6	7.2
ENE	.7	5.4	6.7	1.3			.1	.1				14.4	6.6
E	.4	7.8	14.9	4.2								27.3	7.9
ESE	.7	3.4	6.7	.9								11.7	7.3
SE	.7	2.3	4.3	1.4								6.4	6.6
SSE	.2	1.6	2.4	1.3								6.5	6.3
S	.1	.6	1.7	.6								2.2	7.9
SSW	.3	.7	.7	.3								1.7	7.1
SW		.7	.3	.3	.3							2.1	6.5
WSW	.3	.9	.6	.2								1.9	6.4
W	.2	1.3	1.2		.1							2.9	6.7
WNW	.3	.4	.6	.2								1.6	6.3
NW		.2	.1									.3	5.3
NNW	.2	.1		.1								.4	5.5
VARIABLE													
CALM												.7	
	4.9	31.0	59.2	12.4	.4		.2	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 11-83 STATION NAME: KENNEDY SPACE CENTER FL YEARS: 69-70, 73-80 MONTH: SEP
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-1700
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.2	1.2	.4								2.3	3.6
NNE	.2	1.7	1.9	.4	.1							4.4	7.2
NE	.4	2.9	3.3	.7			.1					7.4	7.4
ENE	.3	4.3	6.3	.9		.1	.1					12.6	7.4
E	1.6	1.9	15.2	3.3								21.2	7.3
ESE	1.6	4.4	3.7	2.1								16.1	7.4
SE	.4	2.3	3.4	1.2								3.0	7.7
SSE	.1	1.2	2.4	1.3								3.0	3.5
S	.1	1.1	1.1	.7								3.0	7.7
SSW	.4	.4	.2	.1								1.2	3.0
SW	.1	.6	.2		.2							1.2	9.1
WSW	.1	.7	.2	.2								1.2	7.0
W	.3	.7	.4	.1	.1							1.7	6.5
WNW	.1	.4	.4									1.0	3.9
NW	.1	.2										.4	4.3
NNW	.2	.4	.3	.3								1.3	7.9
VARBL													
CALM												1.6	
	7.3	33.4	44.9	11.9	.6	.1	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17-96 STATION KENNEDY SPACE CENTER FL 69-70, 73-80 YEARS SEP MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	.7	.1								.1	5.6
NNE	1.0	.9	.9		.1							.7	5.7
NE	1.4	2.9	.9	.4								5.6	5.5
ENE	1.9	3.1	1.3	.7								7.2	5.5
E	5.1	12.7	4.9	1.0		.7	.1					25.0	5.4
ESE	3.3	7.6	3.6	.6								17.2	5.0
SE	2.6	5.0	1.2	.1								8.9	4.5
SSE	2.3	3.1	2.2	.7								7.9	5.3
S	1.1	2.3	.6	.3								4.3	5.1
SSW	.6	1.1	.3	.2								3.2	5.4
SW	.7	.4	.4	.1	.1							1.4	6.9
WSW	.8	.4	.1	.1								1.4	4.5
W	1.6	.4	.2	.2								2.4	4.0
WNW			.4									.7	7.8
NW	.3	.4										.6	3.6
NNW	.1	.1	.7									1.1	6.6
VARBL													
CALM												6.8	
	26.1	42.0	18.4	4.1	.2	.2	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 60-70,73-81 YEARS _____
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.1	.1	.2								1.7	5.0
NNE	.6	.7	.3	.1								1.7	5.9
NE	1.2	1.7	.6	.7								3.8	5.3
ENE	1.4	1.2	1.4	.4								4.6	6.0
E	5.7	9.2	2.8	1.3			.1					13.4	5.3
ESE	6.2	7.7	2.6	.4	.1							17.0	4.8
SE	4.7	3.2	.4	.1								7.8	4.7
SSE	2.6	4.1	.8	.1								7.6	4.6
S	3.7	2.7	1.1	.2								7.7	4.4
SSW	1.2	2.5	.6	.3								4.7	4.6
SW	.6	.9	.1									1.6	4.3
WSW	.3	.6	.1	.1								1.0	4.4
W	1.7	1.6		.2								3.7	3.7
WNW	.7	.3		.1								1.1	4.0
NW	.3	.1	.1									.6	4.0
NNW	.3	.5	.2									1.4	4.6
VARBL													
CALM												15.3	
	32.1	36.9	11.2	4.2	.1		.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

NATIONAL CLIMATOLOGY BRANCH
AFSLTAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 64-70,77-00 YEARS 70 MONTH ALL
 CLASS ALL WEATHER
 CONDITION _____
 HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.9	.2	.2								3.1	5.4
NNE	.7	1.2	.9	.1	.0							1.7	5.7
NE	.4	2.1	1.6	.4	.0							5.2	6.3
ENE	1.4	2.7	2.8	.7	.0	.0	.0	.0				7.7	6.7
E	3.7	7.7	6.6	1.7		.0	.0					19.7	5.3
ESE	2.2	5.5	4.2	.7	.0							13.7	5.8
SE	2.1	2.9	1.9	.4								7.1	5.5
SSE	1.3	2.1	1.5	.7								.6	6.2
S	1.5	1.7	1.1	.3	.0							4.8	5.4
SSW	1.2	1.7	.6	.3		.0						3.4	5.3
SW	.7	.9	.5	.1	.1	.1	.1					2.5	6.8
WSW	.9	1.1	.2	.1				.0				2.4	5.6
W	1.5	1.4	.5	.2	.0							3.7	4.7
WNW	.8	.5	.2	.0								1.7	4.4
NW	.7	.7	.2									1.5	4.1
NNW	.9	.2	.2	.1								1.9	4.7
VARBL													
CALM												13.3	
	22.6	33.5	23.9	6.1	.2	.1	.1	.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7200

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-120 KENNEDY SPACE CENTER FL STATION NAME 68-70, 77-80 YEARS 1968 MONTH 01
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-2400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	.2	.3								4.2	3.5
NNE	1.5	1.2	1.4	1.6	.1							4.1	7.8
NE	1.4	1.3	1.6	2.9	.2							3.1	3.4
ENE	1.4	3.2	2.8	2.9	.7	.1						14.8	6.4
E	1.2	5.2	5.5	3.6	.1							17.5	7.3
ESE	2.2	1.7	1.4									5.3	4.7
SE	1.5	1.7	.9	.3	.1							4.4	5.6
SSE	1.1	1.3	.4									2.3	4.6
S	1.4	1.3	.5									3.5	4.3
SSW	.9	.1	.1	.7								1.3	4.6
SW	.8	1.1	.2									2.0	4.5
WSW	.6	.2	.3	.2								1.9	4.9
W	.4	2.5	.5	.1								5.2	4.3
WNW	1.1	2.2	.7									3.4	3.9
NW	1.7	1.5	.8	.3								4.4	4.9
NNW	1.6	1.3	.6	.6								4.2	3.3
VARBL													
CALM												12.9	
	23.7	30.8	18.3	12.3	.9	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 729

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11831 STATION ARMY AIRCRAFT CENTER FL STATION NAME 03-7, 73-6 YEARS 1964-1966 MONTH 1964-1966
 CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.1	1.1	.5								6.8	1.3
NNE	1.7	1.3	.5	1.3	.7							5.5	7.1
NE	1.1	2.9	2.7	2.2	.1							10.9	7.6
ENE	1.7	2.6	2.7	3.1	.4							9.5	3.8
E	3.1	7.4	3.7	2.9								16.9	6.6
ESE	1.1	1.1	1.7	.5	.1							3.7	6.7
SE	.8	.9	.4	.2								2.3	5.5
SSE	1.1	1.7	.3	.1								2.8	4.4
S	.7	.2	1.3									2.3	3.3
SSW	.5	.4	.9									1.8	3.6
SW	1.2	.9	.1									2.2	3.8
WSW	1.6	1.2	.7									3.5	3.8
W	1.9	2.5	.4									4.7	7.1
WNW	2.1	2.4										4.4	3.7
NW	2.2	2.7	.9									5.7	4.4
NNW	2.9	1.2	.9	.3								5.7	4.5
VARBL													
CALM												14.3	
	24.3	32.6	16.8	11.2	.9							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 57

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 69-70.73-11 YEARS 1960-1966 MONTH ALL WEATHER
 CLASS ALL WEATHER HOURS (L.S.T.) 24
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.1	1.0	.4								.1	.1
NNE	1.2	1.7	1.1	1.9	.6							.7	0.6
NE	.0	3.2	3.1	1.3	.1							3.4	7.4
ENE	1.1	3.1	2.6	3.0	.1							11.1	4.0
E	3.3	3.8	4.4	2.8	.1							15.4	7.4
ESE	1.1	1.7	.9	.3								4.0	4.8
SE	.4	.2	.2			.1						1.2	1.2
SSE	.4	.5	.4	.2								1.6	0.7
S	.2	.1	.6	.1								1.7	0.3
SSW	.5	1.1	.4	.1								2.2	0.1
WSW	1.1	.3	.2									2.2	0.2
W	2.2	1.9	.5									7.3	3.5
WNW	1.3	2.5	.2									4.0	3.7
NW	3.7	3.1	1.7	.4								8.2	4.9
NNW	1.4	3.2	1.4	.3								6.3	0.4
VARBL													
CALM												13.3	
	2.2	31.6	19.6	11.8	1.4	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 93

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1969 STATION KENNEDY SPACE CENTER FL STATION NAME 69-70,73-20 YEARS 1967
 MONTH 9-11
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	3.9	2.0								6.3	5.1
NNE	1.7	1.2	4.0	2.3	.4							5.9	4.7
NE	.4	1.7	5.6	4.2	.1							11.7	7.9
ENE	.4	1.2	3.1	4.7	.5							7.9	10.0
E	.9	2.2	5.6	5.7	.4							17.2	9.0
ESE	.6	1.5	2.5	1.2								6.0	7.7
SE	.4	.8	1.6	.8								3.5	7.7
SSE	.2	.3	.6	.2								1.5	5.0
S	.4	.5	.7	.6								2.5	6.0
SSW	.4	1.1	.9	.3								2.7	6.5
SW	.2	.2	1.1	.4								2.4	7.3
WSW	.2	.6	1.2	.2								2.5	6.9
W	.4	1.2	1.5	.2								4.1	6.5
WNW	.2	2.4	1.4	.1								4.7	5.6
NW	.6	2.7	1.6	.5								5.5	6.4
NNW	.5	1.2	2.5	1.4								6.1	5.1
VARBL													
CALM												1.3	
	3.7	23.4	39.6	25.5	1.5							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 929

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 1-33 STATION NAME: ARMEDRY COACH CENTER FL YEARS: 60-70, 77-81 MONTH: 06
 CLASS: ALL WEATHER HOURS (L.S.T.): 120-140
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.2	4.3	7.7	.2							1.9	6.3
NNE	.7	2.5	6.7	4.5	.6							13.4	7.5
NE		7.2	4.8	4.5	.1							11.7	9.6
ENE	.5	2.3	5.3	5.3	.4							13.8	7.7
E	.5	2.4	6.7	5.2	.3							15.1	7.4
ESE	.2	1.9	4.1	1.7								2.0	6.4
SE		.9	1.0	.9	.1							2.5	7.3
SSE		.5	1.2	.9								2.7	8.4
S	.2	.9	1.4	.9								3.3	8.4
SSW	.1	.3	.3	.1								.9	6.6
SW	.7	.5	.9	.1								1.8	6.5
WSW	.5	.9	1.7	.4								3.4	6.4
W		1.1	1.3	.5								2.9	7.9
WNW		.6	1.7	.5								2.9	6.3
NW	.1	.5	1.0	.1								1.7	7.1
NNW	.2	.9	1.5	1.6								4.2	9.5
VARBL													
CALM												1.1	
	7.2	19.9	43.5	30.4	1.8							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20540
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-896 KEANNOY SPACE CENTER FL STATION NAME 69-70, 77-80 YEARS 1967
 CLASS ALL WEATHER MONTH 1-7-1971
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.2	4.7	4.2	.7							11.2	7.7
NNE	.5	2.7	5.7	4.2	.1							14.2	6.6
NE	.4	3.1	5.2	4.5	.4							15.7	6.3
ENE	.6	3.2	5.8	4.4	.7							14.2	6.5
E	1.0	5.7	6.6	5.9	.7							17.4	7.7
ESE	1.0	3.3	2.6	.8								7.8	6.5
SE	.6	1.6	.2	.2								3.3	6.9
SSE	.7	1.5	1.5	.1								3.4	6.6
S	.4	.2	.2	.4								1.2	7.6
SSW	.7	.4	.1	.1								.9	6.5
SW	.1	.7										.8	6.3
WSW	.2	.7	.5	.1								1.2	6.7
W	.1	1.1	1.6	.3								3.1	7.4
WNW	.4	.2	1.2	.2								2.4	7.5
NW	.5	.7	.5									1.2	6.6
NNW	.1	.2	.3	1.2	.7							2.4	6.6
VARBL													
CALM												1.2	
	7.1	23.8	37.2	23.5	1.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 771

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ANNEDY SPACE CENTER FL STATION NAME ANNEDY SPACE CENTER FL YEARS 69-70, 73-80 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-0000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.0	2.7	2.5								12.2	7.2
NNE	1.9	3.4	2.9	1.9								10.2	7.1
NE	1.7	3.7	3.2	2.7								11.3	7.7
ENE	2.2	3.4	4.2	3.6	.4							13.5	6.2
E	4.4	5.6	3.9	1.7	.3							15.9	6.2
ESE	1.9	3.3	1.4	.6								7.3	5.5
SE	1.4	2.5	.4									4.3	4.3
SSE	.3	1.3	.5	.2								2.8	5.4
S	.2	1.4	.2									2.5	2.4
SSW	.6	.4										1.1	4.1
SW	.2	.3	.1									1.2	2.9
WSW	.5	1.1										1.5	3.7
W	.6	.3	.3									1.7	4.5
WNW	.1	.3										.9	4.4
NW	.2	.4	.2									1.4	4.3
NNW	1.1	1.6	.8	.2								3.7	5.2
VARBL													
CALM												10.3	
	32.0	32.0	21.4	13.5	.9							101.0	5.8

TOTAL NUMBER OF OBSERVATIONS 328

CENTRAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION WANNEDY SPACE CENTER FL STATION NAME 69-70, 73-2 YEARS 1957
 CLASS ALL WEATHER MONTH 11-1957
 HOURS (L.S.T.) 10-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	1.7	1.5	.1							2.3	6.6
NNE	1.2	1.6	2.6	1.9								7.3	7.7
NE	1.5	2.6	2.2	2.1	.1							3.5	7.6
ENE	.9	3.3	5.0	3.4	1.1							13.6	9.2
E	3.7	5.5	4.4	3.9	.7							17.8	7.3
ESE	2.0	2.2	2.1	.6								6.9	3.8
SE	1.7	2.3	1.1									5.1	4.7
SSE	.5	1.5	.1									2.5	4.3
S	1.2	.8	1.2	.3								3.2	5.4
SSW	1.1	.4	.2									1.7	3.8
SW	.8	.4	.1	.1								1.4	4.4
WSW	.8	1.1	.3	.1								2.3	4.7
W	.9	2.2	.2									2.1	4.5
WNW	.6	.8	.1									1.5	4.2
NW	1.3	.8	.6	.2								2.9	3.5
NNW	1.3	1.5	.3	.3								3.4	4.7
VARBL													
CALM												11.4	
	21.4	29.4	22.2	14.5	1.5							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 229

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1981 KENNEDY SPACE CENTER FL 68-7,73-21 OCT
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.1	2.5	1.9	.1							1.7	7.6
NNE	1.2	2.1	3.1	2.6	.3							4.2	5.5
NE	.4	2.6	3.6	3.1	.1							16.3	5.6
ENE	1.1	2.3	3.9	3.7	.5	.1						15.1	5.9
E	2.4	5.1	5.2	3.5	.7							16.4	7.6
ESE	1.4	2.1	2.1	.7	.1							6.2	6.4
SE	.9	1.4	.5	.4	.1	.1						3.4	6.1
SSE	.5	1.2	.7	.2		.1						2.6	5.9
S	.1	.1	.4	.3								2.6	6.5
SSW	.5	.1	.4	.1								1.6	5.3
SW	.1	.5	.4	.1								1.7	5.5
WSW	.7	.1	.6	.1								2.3	5.2
W	1.1	1.7	.6	.1								3.8	5.2
WNW	.9	1.1	.6	.1								3.1	5.5
NW	1.2	1.5	.7	.2								3.9	5.2
NNW	1.2	1.6	1.1	.7	.1							4.6	6.4
VARBL													
CALM												6.2	
	16.6	28.6	27.3	17.9	1.3	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12-85 KENNEDY SPACE CENTER FL STATION NAME 69-70, 73-81 YEARS NO.
 CLASS ALL WEATHER MONTH 0000-0000
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	1.0	1.2	.1							5.3	1.3
NNE	.7	1.2	1.2	.7								3.8	5.8
NE	.4	1.2	1.0	.3								3.0	6.7
ENE	1.2	1.6	1.9	1.7								5.7	6.7
E	2.1	3.7	3.0	.7								9.4	6.0
ESE	2.3	2.7	1.1	.3								6.6	4.9
SE	.7	2.7	.7									1.2	4.6
SSE	1.7	2.7	.7	.1								4.2	4.4
S	1.5	2.0	.6	.1								4.2	4.6
SSW	1.4	.9	.7	.3								3.2	5.5
SW	1.2	.6	.3	.1								2.2	4.4
WSW	1.2	1.7										2.2	3.4
W	2.1	3.7	.8	.1								6.7	4.6
WNW	1.8	2.7	1.4	.3								5.6	3.3
NW	2.3	5.1	2.7	1.9								12.4	6.1
NNW	2.9	3.4	1.2	.8								3.3	5.3
VARBL													
CALM												12.6	
	25.4	35.4	18.4	8.0	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12181 KEENEY SPACE CENTER FL STATION NAME 69-70.77-80 YEARS 407
 CLASS ALL WEATHER MONTH 300-0500
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	1.7	1.2	.1							7.6	7.1
NNE	.5	1.5	.9	.6								3.8	6.4
NE	.5	1.6	1.7	.6								4.0	6.5
ENE	1.4	2.7	.6	.6								4.8	5.6
E	2.6	3.1	1.9	.9								3.3	5.5
ESE	2.1	1.0	1.4	.1								4.7	4.9
SE	1.6	1.4	.3									3.3	4.1
SSE	.4	1.3	.2									2.0	4.6
S	.7	1.2	.8	.2								4.2	4.5
SSW	.3	1.2	.4	.1								2.6	5.0
SW	1.1	1.7	.6									2.7	4.2
WSW	1.5	1.2	.2	.1								2.1	4.2
W	2.4	3.2	.8									7.0	4.3
WNW	2.5	3.7	1.7	.2								6.8	4.5
NW	2.9	4.4	4.4	1.8	.1							14.7	6.3
NNW	2.7	4.4	2.4	1.2								10.3	6.0
VARBL													
CALM												11.8	
	7.3	34.9	13.2	7.6	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11-26 KENNEDY SPACE CENTER FL STATION NAME 66-76,77-80 YEARS
 CLASS ALL WEATHER MONTH NOV
 HOURS (L.S.T.) 1500-1800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.6	1.3	1.7								1.9	5.2
NNE	1.1	1.7	.8	.6								2.4	6.1
NE	.7	1.6	1.3	.2								3.8	6.3
ENE	1.7	1.9	1.7	.9								6.3	6.3
E	2.1	2.7	1.2	.4								6.3	5.2
ESE	1.4	2.2	.4	.3								4.4	4.5
SE	.2	1.8	.1									2.1	4.5
SSE	1.0	1.1	.4	.1								2.7	4.2
S	1.4	1.3	.7	.1								3.6	4.7
SSW	1.4	.5	.8									3.1	4.4
SW	.0	.4	.4									1.3	4.2
WSW	1.4	.2	.2									1.9	3.5
W	2.1	1.2	.6									4.4	4.3
WNW	2.8	3.7	1.0	.2								7.7	4.7
NW	3.3	5.1	3.7	1.8	.1							13.2	6.0
NNW	3.0	4.0	2.4	2.6								12.0	6.5
VARBL													
CALM												12.0	
	22.3	32.3	19.4	8.2	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 910

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11.8 KENNEDY SPACE CENTER FL STATION NAME 62-70.73-50 YEARS Nov MONTH 900-1100 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	5.0	7.1	.7	.1						10.1	7.2
NNE	.7	1.9	2.2	1.6								6.2	7.9
NE	.4	1.4	1.8	1.4								3.1	8.0
ENE	.3	1.7	2.2	2.1								6.9	3.5
E	.2	2.7	4.3	1.1								9.0	7.4
ESE	.4	2.1	2.1	.3								5.0	6.8
SE	.2	1.2	2.0	.6								4.0	7.7
SSE	.1	.6	1.4	.3								2.4	7.6
S	.6	1.7	1.6	.7								4.4	7.2
SSW	1.2	.3	1.1	1.0								4.1	7.2
SW	.7	.9	1.2									2.8	6.2
WSW	.7	1.2	.6	.2								2.8	5.5
W	1.1	1.8	1.3	.6	.1							4.8	6.5
WNW	.7	1.7	1.4	.1								3.9	5.8
NW	1.4	3.1	3.2	2.9								10.7	7.9
NNW	1.2	3.7	5.0	2.7	.3							12.9	8.0
VARBL													
CALM												2.9	
	11.6	28.6	37.1	18.7	1.1	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL BUREAU OF SURVEY
 FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1080 KENNEDY SPACE CENTER FL STATION NAME 69-70, 77-80 YEARS NOV MONTH 12:0-14:00 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	5.1	3.1	.4	.1						17.2	10.2
NNE	1.7	1.3	5.1	2.4	.1							10.4	5.6
NE	.4	2.4	3.1	1.7								7.7	6.0
ENE	.4	.9	3.0	1.4								5.7	6.5
E	.4	2.4	4.3	2.1								3.3	5.1
ESE	.2	2.3	3.6	.4								5.6	7.2
SE	.1	.7	2.1	1.4	.1							4.7	5.9
SSE	.1	1.1	2.3	1.7								5.7	5.7
S	.2	1.3	1.5	.9	.1							4.2	5.6
SSW	.1	.4	.6	.2								1.3	5.1
SW	.2	.6	1.4	.4								2.7	7.8
WSW	.2	.3	1.6	.4								3.6	5.1
W	.7	1.3	1.2	.3								4.0	6.7
WNW	.1	1.3	1.2	1.2								3.7	5.5
NW	.2	1.3	2.3	1.7								4.5	5.2
NNW	.1	1.5	2.4	3.0	.3							7.3	4.5
VARBL													
CALM												1.0	
	4.5	22.8	43.3	26.5	1.0	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 80 STATION NAME WINDY PASS CENTER FL YEARS 67-70, 72-74 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	5.4	7.6	2.6	.7							21.3	2.4
NNE	.6	3.7	4.7	1.7	.1							10.1	7.6
NE	1.6	2.4	2.5	.7								7.8	6.4
ENE	1.7	2.7	3.7	.4								7.8	5.6
E	1.3	5.1	4.1	1.0								11.4	6.3
ESE	1.4	3.1	2.7	.4								7.0	5.7
SE	1.4	1.7	1.4	.4								5.0	3.8
SSE	.7	1.4	2.4	.9								5.4	7.4
S	.5	.4	2.8	.7								3.1	7.8
SSW	.2	.7	.2	.7								.1	.1
SW		.1	.4	.1								.7	5.2
WSW	.2	.5	.4									1.6	5.7
W	.7	1.2	1.6	.6								3.7	7.3
WNW	.4	1.3	1.0	.6								4.1	7.4
NW	.2	.3	1.1	.3	.1							.7	5.2
NNW	.2	.7	2.3	1.1	.7							5.4	5.3
VARBL													
CALM												2.3	
	12.7	32.1	35.0	14.1	.8							106.1	7.6

TOTAL NUMBER OF OBSERVATIONS 400

U.S. NAVAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AT THE WEATHER SERVICE HEADQUARTERS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LEASLEY ISLAND, GUATEMALA STATION NAME LEASLEY ISLAND, GUATEMALA YEARS 60-71, 73-74 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 22 00-05 00
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.7	4.8	2.5	1.6								13.3	3.3
NNE	1.0	2.2	2.2	1.1								6.5	3.7
NE	1.1	1.2	1.8	.6								5.7	3.2
ENE	1.9	2.1	1.5	.7								6.2	3.4
E	4.6	4.2	1.8	.7								11.3	4.0
ESE	2.4	1.7	.9	.2								5.2	4.4
SE	2.3	1.6	.2									4.1	3.7
SSE	1.4	2.2	1.2	.3								5.7	3.8
S	1.1	2.2	.7	.1								4.3	4.2
SSW	.2	.2	.7									1.2	3.2
SW	.2	.7	.1									.7	4.2
WSW	.1	.3	.2									1.6	4.2
W	.7	2.2	.7	.2	.1							3.6	4.2
WNW	.6	1.2	.8	.3								2.9	3.1
NW	1.1	.9	1.7	.4		.1						2.6	3.7
NNW	1.6	2.4	1.4	.2	.1							5.0	3.6
VARBL													
CALM												13.4	
	23.5	32.2	13.8	5.6	.2	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 99

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY PACI CE 111 FL STATION NAME 19-10, 77-0 YEARS 1977 MONTH 1-12
 CLASS ALL WEATHER
 HOURS (L.S.T.) 24
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.7	2.3	1.2								1.0	3.4
NNE	1.4	2.1	1.7	1.0								1.0	3.5
NE	1.0	1.7	1.1	.9								4.0	4.7
ENE	1.0	1.6	3.1	.6								3.7	5.0
E	2.2	3.7	3.1	1.0								11.0	5.8
ESE	2.6	3.2	.7	.0								3.7	4.3
SE	2.2	1.8	.5	.2								4.7	4.3
SSE	1.3	2.1	1.1	.2								5.2	3.5
S	1.2	1.7	.5	.2								4.0	3.1
SSW	.4	.0	.4	.1								1.0	1.2
SW	.7	.4	.2									1.3	4.0
WSW	.6	.8										1.1	4.0
W	1.1	2.9	1.3	.7								6.4	3.4
WNW	1.2	2.1	1.3	.0								5.5	3.5
NW	1.2	2.3	3.2	.9								7.7	5.2
NNW	1.7	2.1	1.1	.4								5.2	3.5
VARBL													
CALM												13.0	
	27.6	31.2	19.6	8.5								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 897

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL DATA
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION KENNEDY SPACE CENTER FL STATION NAME 64-70.77-1 YEARS 1964-70 MONTH ALL
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	3.0	2.9	.1	.1						11.2	6.1
NNE	1.1	3.1	2.8	1.2	.1							6.5	7.2
NE	.3	1.7	1.9	.3								5.1	6.9
ENE	1.2	1.8	2.3	1.7								7.6	6.8
E	1.2	3.5	3.1	1.7								6.8	6.1
ESE	1.3	2.7	1.9	.3								5.8	6.4
SE	1.1	1.5	.3	.7	.7							7.8	6.6
SSE	.9	1.3	1.3	.5								4.2	6.2
S	1.1	1.4	1.1	.7	.1							2.9	5.9
SSW	.2	.7	.6	.2								2.3	5.2
SW	.7	.5	.5	.1								1.2	4.4
WSW	.5	.5	.4	.1								2.1	4.9
W	1.7	2.4	1.7	.3	.1							2.4	5.2
WNW	1.4	2.1	1.2	.5								2.2	5.7
NW	1.2	3.1	2.9	1.4	.1							9.3	6.6
NNW	1.1	2.2	2.7	1.5	.1							7.5	6.9
VARBL													
CALM												6.7	
	31.2	29.5	12.3	.4	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7105

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME KENNEDY SPACE CENTER FL YEARS 68-70, 72-79 MONTH ALL

CLASS ALL WEATHER HOURS (L.S.T.) 0000-2400

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.7	2.2	1.0								2.7	7.4
NNE	.7	1.7	.9	.2								2.4	5.5
NE	.6	.4	.4	.1								1.6	2.1
ENE	.6	1.1	1.3	.1								1.7	3.2
E	.4	2.5	2.7	1.1								2.9	7.4
ESE	.8	1.7	1.3									1.8	3.7
SE	.6	.8	1.1	.3								1.3	3.5
SSE	.5	2.3	.5	.2								1.4	3.4
S	.3	2.2	1.9	.7								2.3	3.4
SSW	1.1	3.1	1.7	1.1								2.7	3.4
SW	1.4	1.7	1.7									1.7	4.9
WSW	1.2	1.7	.4									1.3	4.4
W	2.3	4.3	1.2	.3								3.1	3.6
WNW	.7	4.1	2.5	.3	.1							3.5	3.1
NW	2.7	4.2	4.6	2.2								4.8	6.8
NNW	2.5	3.4	2.5	.6								3.6	5.9
VARBL													
CALM												6.7	
	19.7	38.9	26.3	8.3	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: KENNEDY SPACE CENTER FL STATION NAME: 58-70,77-79 YEARS: 1958-1960
 CLASS: ALL WEATHER MONTH: 12
 HOURS (L.S.T.): 0000-2359
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	1.0	1.3								0.0	5.7
NNE	.0	.3										0.0	7.0
NE	.2	.9	.4	.2								1.0	5.4
ENE	.5	1.6	.5	.1								1.0	5.4
E	.5	2.3	2.3	1.2								3.2	7.4
ESE	1.2	1.2	1.5	.2								4.1	5.4
SE	.8	.5	.9									3.7	5.3
SSE	.3	1.3	1.0	.4								2.4	6.4
S	1.9	3.2	1.9	.6								7.7	5.7
SSW	1.7	1.6	1.3	1.2								5.0	6.6
SW	1.7	1.1	.6	.2								3.7	4.6
WSW	1.7	1.2										2.9	3.5
W	4.2	3.7	1.1	.4								4.4	4.6
WNW	1.9	3.7	3.0	1.1								5.7	6.2
NW	3.3	7.5	4.6	2.1	.1							12.7	6.6
NNW	1.4	4.3	2.5	.8								5.9	6.1
VARBL													
CALM												7.0	
	22.5	36.2	23.3	10.9	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 530

FEDERAL CLIMATOLOGY BRANCH
 U.S. AFETAC
 U.S. WEATHER SERVICE/AMC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL YEAR 64-70, 77-79 MONTH DEC
 STATION NAME KENNEDY SPACE CENTER FL CLASS ALL WEATHER HOURS (L.S.T.) 0800-1800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.2	1.2	1.0								4.5	6.8
NNE	.6	.4	.7	.1								1.8	3.7
NE	.5	.6	.2	.2								1.5	3.5
ENE	.4	1.2	.5	.7								6.9	6.5
E	.2	1.3	1.5	.8								4.4	7.3
ESE	1.7	1.1	1.4	.2								3.7	6.1
SE	.3	.9	.4	.2								1.2	6.4
SSE	.5	.5	1.1	.3	.1							3.6	7.5
S	1.7	2.1	2.4	1.2								7.3	6.6
SSW	1.3	1.5	1.3	.6								4.7	6.6
SW	2.4	1.3	.9	.1								4.5	4.3
WSW	2.1	1.2	.2	.1								3.5	3.7
W	3.7	2.6	1.2	.2	.1							7.1	4.3
WNW	1.7	4.1	2.5	.6	.2							11.3	5.5
NW	3.5	7.4	6.7	2.4								21.6	5.6
NNW	2.2	4.5	1.7	1.2								11.1	5.5
VARBL													
CALM												3.1	
	25.1	33.7	23.2	5.6	.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 U.S. DEPARTMENT OF COMMERCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 68-72,73-79 YEARS 68-79 MONTH 01
 CLASS ALL WEATHER HOURS (L.S.T.) 000-2359
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.2	.4	2.9	.1							1.6	2.0
NNE	.1	1.1	1.5	.5								3.7	7.0
NE	.1	.3	.5	.6								1.7	3.9
ENE	.1	.2	.5	.5								3.3	6.6
E	.2	.3	2.1	1.2	.2							5.7	3.9
ESE	.1	.5	2.7	.6								3.4	3.3
SE	.5	.4	.9	.5								2.9	7.3
SSE	.2	.5	1.6	.2								3.4	5.6
S	1.3	1.4	3.4	2.5	.1							5.7	5.6
SSW	.3	1.1	1.4	1.1	.1							4.7	3.6
SW	.5	2.7	2.7	.3								5.1	3.9
WSW	.5	2.6	.6	.4								4.3	3.9
W	1.4	2.2	1.9	1.5	.2							7.2	7.6
WNW	.3	1.3	1.8	2.3	.1	.1						5.3	3.9
NW	1.3	3.1	6.9	3.1								14.4	5.1
NNW	1.4	3.2	5.5	2.8	.3							13.2	5.1
VARBL													
CALM												3.3	
	10.2	23.4	39.6	22.2	1.2	.1						110.0	7.8

TOTAL NUMBER OF OBSERVATIONS 931

DISTRICT CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 13 BLANEY SPACE CENTER FL STATION NAME 64-70,73-79 YEARS
 MONTH DEC
 CLASS ALL WEATHER
 HOURS (L.S.T.) 120-140
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	3.1	5.6	7.1	.4							11.7	11.0
NNE	.7	2.4	2.2	.9								5.5	7.2
NE	.5	.9	1.1	.8								3.2	7.4
ENE	.7	1.3	2.4	.6								4.6	7.4
E	.5	1.5	2.8	1.1	.3							5.3	8.4
ESE		1.1	1.3	.9								3.5	8.6
SE	.7	.3	1.9	1.4								3.9	9.2
SSE	.2	.5	3.4	1.1								7.3	5.5
S	.5	1.5	3.1	2.3								7.8	8.4
SSW	.4	.5	2.3	1.1	.2							4.6	9.0
SW		.9	2.0	1.5	.1							4.5	9.3
WSW	.1	1.5	1.3	.5	.1							3.5	7.8
W	.7	1.4	1.5	2.5	.5							6.1	10.5
WNW	.4	1.4	2.3	2.2								5.2	8.8
NW		1.3	2.6	1.3								5.2	8.6
NNW	.2	1.2	3.3	4.1	.2							9.1	10.1
VARBL													
CALM												.9	
	4.7	21.3	40.1	31.1	1.9							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1786 KENNEDY SPACE CENTER FL STATION NAME 64-70, 73-79 YEARS
 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	7.8	5.3	.2							17.4	9.0
NNE	1.1	4.	2.2	.2								7.4	5.6
NE	1.0	2.3	1.0	.1								4.3	5.4
ENE	.9	1.6	1.2		.3							4.0	6.4
E	1.4	2.9	2.3	1.0	.1							7.6	6.8
ESE	.2	1.7	2.9	.3								5.2	7.1
SE	1.2	2.4	3.2	.4								7.2	6.7
SSE	.1	2.6	4.2	1.8								8.7	8.3
S	.2	1.5	1.4	1.3								4.5	8.0
SSW	.2	.4	1.1	.2								1.9	7.5
SW	.3	.8	1.0	.3	.2							2.6	8.3
WSW	.2	.9	1.4	.2								2.7	7.2
W	1.2	1.6	2.8	1.8	.4	.1						8.0	8.6
WNW	.4	1.6	2.7	1.2								5.3	8.2
NW	.2	1.2	1.1	.6								3.1	7.7
NNW	1.1	2.8	2.6	1.6	.1							8.2	7.6
VARBL													
CALM												1.9	
	11.1	31.0	38.1	16.5	1.4	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 13880 KENNEDY SPACE CENTER FL STATION NAME 68-70, 73-79 YEARS 01 MONTH 15
 CLASS ALL WEATHER HOURS (L.S.T.) 00-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	4.1	4.3	1.5								13.2	6.2
NNE	1.6	1.8	.9	.5								4.8	5.3
NE	1.3	1.3	.4	.2								3.2	4.9
ENE	1.8	1.4	1.1	.2								4.5	5.1
E	2.4	1.3	2.5	.8								6.9	6.3
ESE	1.1	3.1	1.2	.1								5.5	5.1
SE	1.2	1.9	1.4	.2								4.7	5.4
SSE	1.1	3.4	3.6	.9								8.9	6.6
S	1.1	1.5	2.3	.2								5.1	5.9
SSW	.4	1.6	1.3	.3								3.7	6.5
SW		.9	1.2	.2								1.9	7.6
WSW	.3	.6	.8	.2								1.9	6.7
W	.8	2.3	1.6	1.1								6.2	6.8
WNW	2.1	2.2	1.4	.4								6.7	5.7
NW	1.6	2.5	2.5									6.6	5.6
NNW	1.5	4.2	1.3	.1								7.1	4.9
VARBL													
CALM												9.6	
	31.8	34.6	27.0	7.0								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 928

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION KENNEDY SPACE CENTER FL STATION NAME 60-70, 77-79 YEARS 11/17-2000
 CLASS ALL WEATHER MONTH 11/17-2000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	3.7	3.5	1.7								5.9	6.3
NNE	.0	1.3	.9	.4								3.2	5.1
NE	.9	1.1	.6	.4								2.0	6.0
ENE	.4	1.3	.4	.9								3.0	7.3
E	.4	1.4	3.5	.5								5.9	7.2
ESE	1.2	2.5	1.4	.1								5.2	5.4
SE	.4	1.3	.5	.5								3.6	6.4
SSE	1.2	2.4	1.9	.2								5.7	5.6
S	1.7	4.1	2.5	.8								5.1	6.0
SSW	.6	1.1	1.9	.3								4.0	6.9
SW	1.2	1.9	.2	.8								4.6	6.1
WSW	.9	1.4	.2	.1								3.3	5.3
W	2.1	2.4	1.7	.8								7.3	5.6
WNW	1.9	2.2	2.5	1.1	.1							5.3	6.6
NW	2.0	4.2	2.0	1.2								5.5	9.5
NNW	1.1	2.4	2.2									5.6	5.7
VARBL													
CALM												8.5	
	19.1	36.6	26.2	9.5	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1255 RANDOLPH AFB CELEST FL STATION NAME 68-70, 73-79 YEARS DEC MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.7	3.7	2.6	.1							1.5	
NNE	.7	1.6	1.1	.4								2.2	6.1
NE	.6	.3	.6	.2								2.5	6.1
ENE	.6	1.3	1.2	.3								3.5	6.6
E	.3	1.9	2.6	1.5	.1							4.3	7.4
ESE	.7	1.6	1.7	.3								4.3	6.4
SE	.7	1.2	1.3	.5								3.6	6.7
SSE	.6	1.7	2.2	1.5	.7							5.5	7.4
S	1.4	2.3	2.4	1.1	.7							7.2	6.7
SSW	.3	1.4	1.5	.7	.7							4.5	7.2
SW	.9	1.3	1.2	.4	.7							3.4	6.4
WSW	.9	1.4	.7	.2	.7							3.2	6.5
W	1.8	2.7	1.6	1.1	.2	.7						7.3	6.6
WNW	1.7	2.6	2.2	1.2	.1	.7						7.8	6.7
NW	1.3	4.0	3.9	1.7	.7							11.4	6.9
NNW	1.4	3.3	2.7	1.4	.1							6.9	6.9
VARBL													
CALM												5.7	
	16.4	32.6	30.5	14.4	.7	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1788 KENNEDY SPACE CENTER FL STATION NAME 67-70.77-80 YEARS ALL
 CLASS ALL WEATHER MONTH ALL
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	2.1	1.6	.1	.1						1.5	7.7
NNE	.5	1.2	1.4	.7	.1	.1						4.3	7.4
NE	.7	1.7	1.7	.6	.1	.1						3.9	6.5
ENE	.9	1.7	1.9	.9	.1	.1	.1	.1				5.3	7.2
E	1.9	3.7	4.3	1.3	.1	.1	.1	.1				11.3	6.5
ESE	1.5	2.9	3.2	.2	.1	.1	.1	.1				8.7	6.5
SE	1.4	2.3	2.3	.9	.1	.1	.1	.1				6.9	6.5
SSE	1.1	2.2	2.4	1.4	.1	.1	.1	.1				7.1	7.4
S	1.5	2.5	2.1	1.1	.1	.1	.1	.1				7.4	6.6
SSW	1.1	1.5	1.7	.5	.1	.1	.1	.1				4.2	6.2
SW	.9	1.2	1.7	.5	.1	.1	.1	.1				3.6	6.5
WSW	.7	1.3	1.7	.4	.1	.1	.1	.1	.1			3.7	6.4
W	1.4	2.7	1.3	.7	.1	.1	.1	.1	.1			5.6	6.4
WNW	1.7	1.7	1.7	.5	.1	.1	.1	.1	.1			3.9	6.5
NW	1.1	1.7	1.4	.7	.1	.1	.1	.1	.1			5.0	6.6
NNW	1.1	1.7	1.3	1.0	.1	.1	.1	.1	.1			5.1	6.6
VARBL													
CALM												7.8	
	15.6	30.1	29.1	13.4	.8	.1	.1	.1	.1			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 67824

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ANNEX PAC CENTER FI STATION NAME 04-7073-30 YEARS ALL
 MONTH ALL
 HOURS (L.S.T.) ALL
 INSTRUMENT CIG LOG TO 1400 FT W/ VSBY 1/2 MI OR MORE
 CLASS AN/CG VSBY 1/2 TO 1-1/2 MI W/CIG 100 FT OR MORE
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.1	2.2	1.7	.7							1.2	6.3
NNE	.4	.5	.8	.5		.1						.8	6.1
NE	.4	.7	.5	.7			.1					1.2	7.4
ENE	.1	.3	.7	.2		.1	.1	.1				1.2	12.0
E	.5	.4	.8	.6		.7	.1					1.3	8.4
ESE	.3	.4	.4	.4	.7							1.3	7.3
SE	.4	.4	.5	.2	.7							1.5	7.2
SSE	.4	.5	.3	.2	.7							1.4	6.9
S	1.8	.8	1.4	1.4	.7	.7						4.7	6.4
SSW	.6	1.1	1.4	1.6	.7	.7						4.3	6.8
SW	.7	1.4	1.9	.2	.1	.7	.7					3.3	9.7
WSW	1.2	2.3	1.9	.6	.7			.1				3.6	8.6
W	2.2	2.7	1.5	1.7	.7	.3						7.9	6.3
WNW	3.1	2.7	1.2	1.3	.7	.7	.7					7.2	7.1
NW	3.1	2.5	2.3	2.7	.1	.1						10.1	7.3
NNW	2.4	4.3	5.5	5.6	.4	.7						10.3	6.8
VARBL													
CALM												4.8	
	15.1	23.9	26.9	21.1	1.5	1.1	.5	.1				10.2	7.7

TOTAL NUMBER OF OBSERVATIONS 2249

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100					95.4		96.9			98.3						
0																100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
 Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

FEDERAL BUREAU OF SURVEILLANCE
 METEOROLOGICAL SERVICE

CEILING VERSUS VISIBILITY

STATION: WANNEDY SPACE CENTER FL YEARS: 69-70, 73-80

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	≥0
NO CEILING	54.1	57.9	54.4	55.8	54.5	59.5	59.5	59.5	59.5	60.1	60.1	61.1	61.1	61.4	61.4	61.4
IV 20000	59.3	63.9	64.1	64.8	65.3	65.3	65.3	65.3	65.3	65.9	65.9	66.9	66.9	67.2	67.2	67.2
IV 18000	61.8	64.8	65.4	65.9	65.6	66.6	66.6	66.6	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 16000	61.8	66.7	66.7	67.2	67.8	67.8	67.8	67.8	67.8	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 14000	62.7	67.3	67.3	68.2	68.8	68.8	68.8	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 12000	65.3	71.2	71.2	71.4	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 10000	66.3	71.8	72.3	72.8	73.4	73.4	73.4	73.4	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 8000	69.1	74.1	74.7	75.3	75.9	75.9	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 7000	70.1	75.1	75.7	76.2	76.9	76.9	76.9	76.9	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 6000	72.6	75.9	76.1	77.1	77.7	77.7	77.7	77.7	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 5000	72.7	76.3	73.7	74.2	75.0	75.0	75.0	75.0	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 4500	74.3	81.3	82.1	82.6	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 4000	75.7	82.6	83.7	83.9	84.7	84.7	84.7	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3500	75.3	85.6	86.3	86.9	87.8	87.8	87.8	87.8	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	81.1	87.8	88.5	89.4	91.5	90.5	90.5	90.5	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	81.1	89.2	91.2	91.8	91.9	91.9	91.9	91.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	82.4	91.1	92.1	92.6	93.8	93.8	93.8	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1800	82.7	91.6	92.1	93.1	94.3	94.3	94.3	94.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1500	82.9	91.4	92.3	93.4	94.7	94.7	94.7	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1200	82.4	92.5	93.4	94.1	95.3	95.3	95.3	95.3	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1000	83.3	92.8	93.7	94.2	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 900	83.3	92.8	93.9	94.4	95.7	95.7	95.7	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 800	83.5	92.8	93.9	94.4	95.7	95.7	95.7	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 700	83.5	93.1	94.1	94.6	95.9	95.9	95.9	95.9	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 600	83.7	93.5	94.7	95.3	96.6	96.6	96.6	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 500	83.7	94.2	95.5	96.0	97.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	83.7	94.3	95.7	96.2	97.5	97.5	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	83.7	94.3	95.8	96.3	97.6	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	83.7	94.3	95.8	96.3	97.6	97.6	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 100	83.7	94.3	95.8	96.3	97.6	97.6	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 0	83.7	94.3	95.8	96.3	97.6	97.6	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 WETZEL
 METEOROLOGICAL SERVICE/440

CEILING VERSUS VISIBILITY

STATION NAME: W. W. WOODS SPACE CENTER FL

YEARS: 69-70, 73-77

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	49.5	55.5	57.1	57.7	51.2	58.2	58.3	53.6	51.6	57.1	59.5	59.8	49.2	50.7	50.5	50.0
≥ 20000	55.7	63.5	64.3	65.2	65.8	65.6	65.9	66.2	65.7	67.0	67.5	67.6	65.1	68.1	69.4	68.4
IVM 18000	55.7	63.5	64.3	65.2	65.8	65.5	65.9	66.2	66.2	67.0	67.6	67.6	65.1	68.1	69.4	68.4
IVM 16000	56.5	64.3	65.1	65.9	66.6	66.6	66.7	67.1	67.1	68.4	68.4	68.4	65.3	68.4	69.1	69.1
IVM 14000	57.1	64.9	65.7	66.6	67.2	67.2	67.3	67.6	67.6	69.1	69.1	69.1	65.3	69.5	69.8	69.8
IVM 12000	58.7	66.6	67.3	68.3	68.8	68.8	68.9	69.2	69.2	70.8	70.8	70.8	71.1	71.1	71.4	71.4
IVM 10000	61.4	69.6	71.2	71.2	71.9	71.8	71.9	72.3	72.3	73.7	73.7	73.7	74.4	74.4	74.7	74.7
IVM 9000	62.3	70.4	71.2	72.0	72.7	72.7	72.8	73.1	73.1	74.5	74.5	74.5	75.3	75.3	75.6	75.6
IVM 8000	62.7	70.6	71.4	72.3	72.9	72.9	73.3	73.3	73.3	74.7	74.7	74.7	75.5	75.5	75.8	75.8
IVM 7000	62.8	71.1	71.8	72.7	73.3	73.3	73.4	73.8	73.8	75.2	75.2	75.2	75.9	75.9	76.2	76.2
IVM 6000	63.2	71.9	72.7	73.5	74.2	74.2	74.4	74.7	74.7	76.1	76.1	76.1	76.9	76.9	77.2	77.2
IVM 5000	64.3	74.0	74.7	75.6	76.2	76.2	76.5	76.9	76.9	78.3	78.3	78.3	79.1	79.1	79.4	79.4
IVM 4500	67.4	77.5	78.4	79.2	79.9	79.9	80.1	80.5	80.5	81.9	81.9	81.9	82.7	82.7	83.0	83.0
IVM 4000	69.4	79.7	80.5	81.4	82.2	82.2	82.4	82.8	82.8	84.2	84.2	84.2	84.9	84.9	85.7	85.7
IVM 3500	71.5	82.7	82.9	83.8	84.5	84.5	84.7	85.2	85.2	86.6	86.6	86.6	87.3	87.3	87.6	87.6
IVM 3000	72.6	84.3	85.2	86.1	87.3	87.3	87.7	88.2	88.2	89.6	89.6	89.6	90.3	90.3	90.6	90.6
IVM 2500	73.7	85.2	86.1	87.2	88.4	88.4	88.8	89.2	89.2	90.6	90.6	90.6	91.4	91.4	91.7	91.7
IVM 2000	73.7	86.1	87.4	88.3	89.8	89.8	90.2	90.6	90.6	92.0	92.0	92.0	92.8	92.8	93.1	93.1
IVM 1800	74.1	86.9	88.1	89.1	90.3	90.3	90.9	91.2	91.2	92.6	92.6	92.6	93.3	93.3	93.7	93.7
IVM 1500	74.1	87.4	88.6	89.7	91.0	91.0	91.4	91.8	91.8	93.2	93.2	93.2	94.0	94.0	94.3	94.3
IVM 1200	74.3	87.8	89.0	90.2	91.5	91.5	91.9	92.4	92.4	93.8	93.8	93.8	94.5	94.5	94.8	94.8
IVM 1000	74.4	88.1	89.2	90.4	91.7	91.7	92.3	92.7	92.7	94.1	94.1	94.1	94.8	94.8	95.2	95.2
IVM 900	74.5	89.1	90.2	91.4	92.8	92.8	93.3	93.9	93.9	95.4	95.4	95.4	95.9	95.9	96.2	96.2
IVM 800	74.5	89.6	90.7	91.9	93.3	93.3	93.9	94.3	94.3	95.7	95.7	95.7	96.5	96.5	96.8	96.8
IVM 700	75.1	90.1	91.2	92.4	93.8	93.8	94.3	94.7	94.7	96.2	96.2	96.2	97.1	97.1	97.4	97.4
IVM 600	75.3	90.9	92.0	93.3	94.7	94.7	95.3	95.7	95.7	97.2	97.2	97.2	98.1	98.1	98.4	98.4
IVM 500	75.3	91.5	92.6	94.0	95.4	95.4	95.9	96.3	96.3	97.8	97.8	97.8	98.7	98.7	99.2	99.2
IVM 400	75.3	91.7	92.8	94.2	95.6	95.6	96.1	96.6	96.6	98.1	98.1	98.1	99.0	99.0	99.5	99.5
IVM 300	75.3	91.7	92.8	94.2	95.6	95.6	96.1	96.6	96.6	98.1	98.1	98.1	99.0	99.0	99.5	99.5
IVM 200	75.3	91.7	92.8	94.4	95.8	95.8	96.3	96.8	96.8	98.3	98.3	98.3	99.1	99.1	99.7	99.7
IVM 100	75.3	91.7	92.8	94.4	95.8	95.8	96.3	96.8	96.8	98.3	98.3	98.3	99.1	99.1	99.7	99.7
IVM 0	75.3	91.7	92.8	94.4	95.8	95.8	96.3	96.8	96.8	98.3	98.3	98.3	99.1	99.1	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 930

CEILING VERSUS VISIBILITY

STATION: ANNEDY SPACE CENTER FL STATION NAME: ANNEDY SPACE CENTER FL YEARS: 67-70, 73-80 MONTH: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	
NO CEILING	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 20000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 18000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 16000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 14000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 12000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 10000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 9000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 8000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 7000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 6000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 5000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 4500	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 4000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 3500	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 3000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 2500	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 2000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 1800	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 1500	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 1200	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 1000	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 900	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 800	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 700	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 600	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 500	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 400	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 300	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 200	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 100	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 0	43.1	43.7	44.7	44.8	45.9	45.9	46.3	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4

TOTAL NUMBER OF OBSERVATIONS 531

FAIR PLAY FOR CUBA COMMITTEE
 1000 N. W. 10th St.
 MIAMI, FLORIDA 33136

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL YEARS 69-7, 73-4 MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-1100
 HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	43.0	44.1	44.1	43.1	42.1	41.1	40.1	39.1	38.1	37.2	36.2	35.2	34.2	33.2	32.3	31.3
≥ 20000	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.6	64.6	64.6	64.7
18000	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.9
16000	64.3	64.3	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.2
14000	64.4	64.4	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.3
12000	64.5	64.5	64.6	64.8	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.2	65.2	65.2	65.4
10000	64.6	64.6	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.3	65.3	65.3	65.5
9000	64.7	64.7	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.6
8000	64.8	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.5	65.7
7000	64.9	64.9	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.6	65.6	65.6	65.8
6000	65.0	65.0	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.7	65.7	65.7	65.9
5000	65.1	65.1	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.8	65.8	65.8	66.0
4500	65.2	65.2	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.9	65.9	65.9	66.1
4000	65.3	65.3	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	66.0	66.0	66.0	66.2
3500	65.4	65.4	65.5	65.7	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	66.1	66.1	66.1	66.3
3000	65.5	65.5	65.6	65.8	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.2	66.4
2500	65.6	65.6	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.5
2000	65.7	65.7	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.4	66.6
1800	65.8	65.8	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.5	66.5	66.5	66.7
1500	65.9	65.9	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.8
1200	66.0	66.0	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.7	66.7	66.7	66.9
1000	66.1	66.1	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.8	66.8	66.8	67.0
900	66.2	66.2	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.9	66.9	66.9	67.1
800	66.3	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	67.0	67.0	67.0	67.2
700	66.4	66.4	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	67.1	67.1	67.1	67.3
600	66.5	66.5	66.6	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.2	67.2	67.2	67.4
500	66.6	66.6	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.3	67.3	67.3	67.5
400	66.7	66.7	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.6
300	66.8	66.8	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.5	67.5	67.5	67.7
200	66.9	66.9	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.8
100	67.0	67.0	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.9
0	67.1	67.1	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.8	67.8	67.8	68.0

TOTAL NUMBER OF OBSERVATIONS 527

U.S. AIR FORCE
 NATIONAL CLIMATOLOGICAL SERVICE
 METEOROLOGICAL SERVICE CENTER

CEILING VERSUS VISIBILITY

STATION: W. WOODS SPACE CENTER FL YEARS: 1977-78 MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1700-1400
 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	65.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000	65.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	65.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	74.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	75.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	75.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	76.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	77.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	79.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	79.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	82.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	84.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 100	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL AVIATION ADMINISTRATION
 NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D. C. 20515

CEILING VERSUS VISIBILITY

STATION: WANNEDY SPACE CENTER FL
 STATION NAME: WANNEDY SPACE CENTER FL

YEARS: 69-70, 73-8

MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 1970-1970
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	47.4	47.1	47.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	56.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	65.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	66.5	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	67.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	70.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	73.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	75.8	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 8000	78.3	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	76.7	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	80.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	81.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	82.6	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	84.1	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	86.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	87.0	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	93.0	94.2	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	93.7	94.5	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	93.7	94.7	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	95.8	95.2	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	95.9	95.6	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	96.3	96.5	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	96.4	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	96.4	97.2	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	96.4	97.3	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	96.4	97.5	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	96.4	97.8	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	96.6	97.8	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	96.6	97.8	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	96.6	97.8	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	96.6	97.8	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 971

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL SERVICE CENTER
 WASHINGTON, D. C. 20515

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

PERIOD: 69-70, 73-80

MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18-0000
 HOURS 157

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	51.3	52.6	52.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥20000	63.8	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 18000	64.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 16000	65.3	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 14000	66.3	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 12000	67.5	69.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 10000	71.3	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	73.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 8000	78.3	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 7000	77.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 6000	78.6	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 5000	80.3	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 4500	82.9	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	83.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500	85.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000	86.5	91.8	92.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2500	87.7	93.3	93.9	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2000	88.5	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	89.3	94.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1500	89.4	95.4	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1200	89.9	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	89.7	96.3	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	90.3	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	90.1	96.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	90.3	97.4	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	90.1	97.7	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	90.2	97.8	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	90.3	98.3	98.5	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	90.1	98.0	98.6	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	90.2	98.1	98.9	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	90.3	98.1	98.5	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	90.2	98.1	98.5	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 535

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

69-70, 73-81

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

110-2300
 HOURS (5)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.75	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05	
NO CEILING	54.7	50.7	56.3	57.1	57.1	57.1	57.1	57.3	57.3	57.0	57.0	57.0	57.0	57.8	57.8	58.0	58.0
≥20000	53.1	55.7	67.9	65.1	60.2	59.2	66.2	66.5	66.5	66.9	66.9	66.8	66.8	67.0	67.0	67.1	67.1
IV 18000	63.7	66.2	66.5	66.7	66.8	66.8	66.8	67.0	67.0	67.3	67.7	67.3	67.7	67.3	67.5	67.5	67.6
IV 16000	64.3	66.9	67.1	67.3	67.4	67.4	67.4	67.6	67.6	67.6	68.0	68.0	68.0	68.2	68.2	68.3	68.3
IV 14000	65.6	68.2	68.4	68.6	68.7	68.7	68.7	68.9	68.9	69.2	69.2	69.2	69.2	69.5	69.5	69.5	69.6
IV 12000	66.5	69.1	69.4	69.6	69.7	69.7	69.7	69.9	69.9	70.2	70.2	70.2	70.4	70.4	70.5	70.5	70.5
IV 10000	70.2	73.1	73.7	73.5	73.8	73.8	73.8	74.0	74.0	74.3	74.3	74.3	74.3	74.5	74.5	74.6	74.6
IV 9000	71.8	75.7	75.9	76.1	76.3	76.3	76.3	76.6	76.6	76.9	76.9	76.9	76.9	77.1	77.1	77.2	77.2
IV 8000	73.0	77.6	77.9	78.1	78.3	78.3	78.3	78.5	78.5	78.8	78.8	78.8	78.8	79.0	79.0	79.1	79.1
IV 7000	75.2	79.3	79.7	79.9	80.1	80.1	80.1	80.3	80.3	80.6	80.6	80.6	80.6	80.9	80.9	81.0	81.0
IV 6000	76.5	81.1	81.3	81.4	81.6	81.6	81.6	81.8	81.8	82.2	82.2	82.2	82.2	82.4	82.4	82.5	82.5
IV 5000	78.7	83.4	83.9	84.1	84.3	84.3	84.3	84.5	84.5	84.8	84.8	84.8	84.8	85.1	85.1	85.2	85.2
IV 4500	81.4	86.2	86.7	86.9	87.1	87.1	87.1	87.3	87.3	87.5	87.5	87.5	87.5	87.8	87.8	88.0	88.0
IV 4000	82.3	87.3	87.7	88.1	88.3	88.3	88.3	88.5	88.5	88.8	88.8	88.8	88.8	89.0	89.0	89.1	89.1
IV 3500	84.4	90.0	90.4	90.6	91.0	91.0	91.0	91.2	91.2	91.5	91.5	91.5	91.5	91.7	91.7	91.8	91.8
IV 3000	85.6	91.3	91.7	92.0	92.3	92.3	92.3	92.5	92.5	92.8	92.8	92.8	92.8	93.0	93.0	93.1	93.1
IV 2500	87.1	93.1	93.5	93.9	94.1	94.1	94.1	94.3	94.3	94.6	94.6	94.6	94.6	94.8	94.8	94.9	94.9
IV 2000	87.5	94.3	94.7	95.1	95.3	95.3	95.3	95.5	95.5	95.8	95.8	95.8	95.8	96.0	96.0	96.1	96.1
IV 1800	88.3	94.7	95.2	95.5	95.7	95.7	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.5	96.5	96.6	96.6
IV 1500	88.4	95.7	95.9	96.1	96.3	96.3	96.3	96.6	96.6	96.9	96.9	96.9	96.9	97.1	97.1	97.2	97.2
IV 1200	88.3	95.9	96.5	96.8	97.0	97.0	97.0	97.2	97.2	97.5	97.5	97.5	97.5	97.7	97.7	97.8	97.8
IV 1000	89.7	96.1	96.8	97.1	97.3	97.3	97.3	97.5	97.5	97.8	97.8	97.8	97.8	98.1	98.1	98.2	98.2
IV 900	89.3	96.3	97.1	97.3	97.5	97.5	97.5	97.7	97.7	98.1	98.1	98.1	98.1	98.3	98.3	98.4	98.4
IV 800	89.7	96.5	97.1	97.4	97.6	97.6	97.6	97.8	97.8	98.2	98.2	98.2	98.2	98.4	98.4	98.5	98.5
IV 700	89.7	96.8	97.4	97.7	98.0	98.0	98.0	98.2	98.2	98.5	98.5	98.5	98.5	98.7	98.7	98.8	98.8
IV 600	89.3	97.2	93.7	95.3	98.5	98.5	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.4
IV 500	89.3	97.7	98.5	98.8	99.0	99.0	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9
IV 400	89.0	97.7	98.5	98.8	99.1	99.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 300	89.7	97.7	98.5	98.8	99.1	99.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 200	89.3	97.7	98.5	98.8	99.1	99.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 100	89.3	97.7	98.5	98.8	99.1	99.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 0	89.7	97.7	98.5	98.8	99.1	99.1	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL SERVICE/FAA

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 67-70, 73-81 MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.75	≥1.5	≥1	≥.75	≥.5	≥.25	≥.1	≥0	
NO CEILING	47.4	51.3	51.7	51.9	52.2	52.2	52.3	52.5	52.5	52.5	52.5	52.9	53.3	53.3	53.6	53.7
IV 20000	57.6	63.7	64.1	64.4	64.7	64.7	64.8	65.0	65.1	65.1	65.4	65.5	65.9	65.9	66.2	66.4
IV 18000	59.9	64.8	64.4	64.7	65.0	65.0	65.1	65.3	65.3	65.3	65.6	65.8	66.3	66.3	66.6	66.7
IV 16000	61.4	64.8	65.1	65.3	65.7	65.7	65.8	66.0	66.0	66.4	66.5	66.5	66.9	66.9	67.3	67.4
IV 14000	61.7	66.1	66.4	66.8	67.1	67.1	67.2	67.4	67.4	67.4	67.9	67.9	68.4	68.4	68.7	68.9
IV 12000	62.3	67.7	68.0	68.3	68.9	68.9	69.0	69.2	69.2	69.6	69.7	69.7	70.1	70.1	70.5	70.9
IV 10000	65.1	71.1	71.5	71.8	72.2	72.2	72.3	72.5	72.5	72.9	73.0	73.0	73.5	73.5	73.8	74.0
IV 9000	67.7	72.9	73.5	73.7	74.1	74.1	74.2	74.4	74.4	74.8	74.9	74.9	75.4	75.4	75.7	75.9
IV 8000	69.3	74.7	75.1	75.5	75.9	75.9	76.0	76.2	76.2	76.6	76.7	76.7	77.2	77.2	77.5	77.7
IV 7000	70.1	75.8	76.1	76.3	76.8	76.8	76.9	77.1	77.1	77.6	77.6	77.6	78.1	78.1	78.5	78.8
IV 6000	71.1	76.9	77.4	77.7	78.1	78.1	78.2	78.4	78.4	78.9	79.1	79.1	79.4	79.4	79.8	79.9
IV 5000	72.4	78.6	79.1	79.4	79.8	79.8	79.9	80.1	80.1	80.6	80.7	80.7	81.2	81.2	81.5	81.7
IV 4500	74.4	81.1	81.5	81.9	82.3	82.3	82.5	82.7	82.7	83.1	83.2	83.2	83.7	83.7	84.1	84.3
IV 4000	75.7	82.7	83.2	83.6	84.0	84.0	84.2	84.4	84.4	84.9	84.9	84.9	85.4	85.4	85.8	86.0
IV 3500	77.3	85.4	86.1	86.4	86.9	86.9	87.1	87.2	87.2	87.7	87.8	87.8	88.3	88.3	88.6	88.8
IV 3000	78.2	87.1	87.7	88.2	88.7	88.7	89.0	89.2	89.2	89.6	89.7	89.7	90.2	90.2	90.6	90.7
IV 2500	80.3	88.5	89.3	89.7	90.3	90.3	90.5	90.7	90.7	91.2	91.3	91.3	91.7	91.7	92.1	92.3
IV 2000	81.2	89.9	90.5	91.1	91.7	91.7	92.1	92.2	92.2	92.6	92.7	92.7	93.3	93.3	93.6	93.8
IV 1800	81.1	90.3	91.1	91.5	92.2	92.2	92.4	92.7	92.7	93.2	93.2	93.2	93.7	93.7	94.1	94.2
IV 1500	81.3	90.9	91.7	92.3	92.9	93.1	93.3	93.5	93.5	94.1	94.1	94.1	94.6	94.6	94.9	95.1
IV 1200	82.2	91.6	92.4	93.0	93.7	93.7	94.0	94.2	94.2	94.7	94.8	94.8	95.3	95.3	95.6	95.8
IV 1000	82.3	92.0	92.9	93.5	94.1	94.2	94.5	94.7	94.7	95.2	95.2	95.3	95.8	95.8	96.2	96.3
IV 900	82.7	92.3	93.4	94.0	94.7	94.7	95.0	95.3	95.3	95.8	95.9	95.9	96.3	96.3	96.7	96.9
IV 800	82.7	92.8	93.7	94.4	95.1	95.1	95.5	95.7	95.7	96.2	96.3	96.3	96.8	96.8	97.1	97.3
IV 700	82.9	93.3	94.2	94.9	95.6	95.6	96.0	96.2	96.2	96.8	96.8	96.8	97.3	97.3	97.7	97.9
IV 600	83.1	93.8	94.7	95.4	96.3	96.3	96.7	96.9	96.9	97.5	97.6	97.6	98.1	98.1	98.4	98.6
IV 500	83.1	94.2	95.2	96.0	96.7	96.7	97.1	97.4	97.4	98.0	98.0	98.0	98.5	98.5	99.0	99.1
IV 400	82.1	94.3	95.4	96.2	97.0	97.0	97.4	97.7	97.7	98.3	98.4	98.4	98.9	98.9	99.4	99.6
IV 300	83.1	94.3	95.5	96.3	97.1	97.1	97.5	97.8	97.9	98.4	98.5	98.5	99.1	99.1	99.6	99.7
IV 200	83.1	94.3	95.5	96.3	97.1	97.2	97.6	97.9	98.0	98.5	98.6	98.6	99.2	99.2	99.7	99.9
IV 100	83.1	94.3	95.5	96.3	97.1	97.2	97.6	97.9	98.0	98.5	98.6	98.6	99.2	99.2	99.7	99.9
IV 0	83.1	94.3	95.5	96.3	97.1	97.2	97.6	97.9	98.0	98.5	98.6	98.6	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

REGIONAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: KENNEDY ORACLE CENTER FL
STATION NAME:

63-70,73-57

YEARS

FILE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 10-57
HOURS: 157

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.7	≥ 2	≥ 1.7	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .3	≥ .16	≥ .	≥ 0
NO CEILING	52.9	53.4	54.0	54.3	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	55.0	55.0	55.4
IV 20000	54.3	63.5	71.1	71.3	71.6	71.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	71.0	71.0	71.4
IV 18000	54.4	63.4	71.2	71.4	71.7	71.7	71.7	70.8	70.8	70.8	70.8	70.8	70.8	71.2	71.2	71.5
IV 16000	54.5	63.7	71.4	71.6	71.9	71.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.5	71.5	71.9
IV 14000	54.9	71.1	71.9	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.9	71.9	72.2
IV 12000	55.7	70.9	71.7	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.7	72.7	73.2
IV 10000	53.3	74.2	75.2	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.5
IV 9000	71.3	79.1	79.0	79.2	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.9	79.9	80.3
IV 8000	72.3	79.7	80.8	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.6	81.6	82.4
IV 7000	74.2	81.4	82.4	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.3	83.3	84.2
IV 6000	74.9	82.3	83.2	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	84.2	84.2	84.5
IV 5000	75.7	83.5	84.5	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.5	85.5	85.8
IV 4500	77.1	85.3	86.4	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.7
IV 4000	79.1	87.4	88.4	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.4	89.7
IV 3500	80.7	89.4	91.4	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.4	92.4	92.8
IV 3000	81.6	90.4	91.8	92.1	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.5
IV 2500	82.3	91.5	92.8	92.9	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.9	93.9	94.3
IV 2000	82.7	92.0	93.0	93.6	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.7	94.7	95.0
IV 1800	82.7	92.0	93.1	93.7	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	95.3
IV 1500	83.2	92.4	93.3	94.4	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.6	95.6	96.0
IV 1200	83.3	92.2	94.2	94.8	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	96.0	96.0	96.3
IV 1000	83.2	93.3	94.7	95.3	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.5	97.3
IV 900	83.3	93.7	95.3	95.9	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.4
IV 800	83.2	94.1	95.5	96.1	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.3	97.3	97.6
IV 700	83.3	94.1	95.6	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.4	97.4	97.8
IV 600	83.2	94.6	96.2	96.8	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.3
IV 500	83.9	94.7	96.2	96.9	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.5
IV 400	83.8	94.7	96.3	96.9	97.6	97.6	97.6	97.8	97.8	98.1	98.1	98.1	98.1	98.3	98.3	98.7
IV 300	83.9	95.1	95.7	97.2	98.0	98.0	98.0	98.1	98.1	98.5	98.5	98.5	98.5	98.8	98.8	99.2
IV 200	83.4	95.1	97.1	97.6	98.3	98.3	98.3	98.5	98.5	98.8	98.8	98.8	98.8	99.2	99.2	99.5
IV 100	83.9	95.3	97.1	97.6	98.3	98.3	98.3	98.5	98.5	98.8	98.8	98.8	98.8	99.2	99.2	99.5
IV 0	83.9	95.3	97.1	97.6	98.3	98.3	98.3	98.5	98.5	98.8	98.8	98.8	98.8	99.2	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS: 146

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY SERVICE
 WASHINGTON, D.C.
 AIRCRAFT SERVICE DIVISION

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 59-70, 73-80 MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 13.7-13.70
 HOURS: 1.51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.0
NO CEILING	55.1	58.3	58.0	58.9	57.3	57.3	57.4	57.4	57.4	57.7	57.7	57.9	58.6	58.6	59.1	59.1
≥ 20000	56.4	62.3	63.2	63.6	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.6	65.5	65.5	66.1	66.1
IV 18000	56.1	62.3	63.2	63.6	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.6	65.5	65.5	66.0	66.1
IV 16000	56.3	62.8	62.7	64.1	64.7	64.7	64.3	64.8	64.4	65.2	65.2	65.2	66.2	66.2	66.4	66.4
IV 14000	57.0	63.8	64.7	65.1	65.7	65.7	65.8	65.3	65.7	66.3	66.3	66.3	67.0	67.0	67.5	67.5
IV 12000	58.4	64.8	65.7	66.1	66.7	66.7	66.8	66.3	66.3	67.3	67.3	67.3	68.0	68.0	68.4	68.4
IV 10000	60.3	67.7	68.7	69.0	69.6	69.6	69.7	69.7	69.7	70.2	70.2	70.2	71.2	71.2	71.6	71.7
IV 9000	67.3	70.0	70.8	71.3	71.9	71.9	72.0	72.0	72.0	72.5	72.5	72.5	73.4	73.4	73.9	74.0
IV 8000	63.3	71.4	72.3	73.0	73.6	73.6	73.8	73.8	73.8	74.2	74.2	74.2	75.2	75.2	75.7	75.7
IV 7000	65.1	73.5	74.4	75.1	75.7	75.7	75.8	75.8	75.8	76.2	76.2	76.2	77.2	77.2	77.7	77.7
IV 6000	66.3	75.7	76.6	77.1	77.7	77.7	77.8	77.8	77.8	78.2	78.2	78.2	79.2	79.2	79.7	79.7
IV 5000	68.3	77.4	78.4	78.8	79.4	79.4	79.6	79.6	79.6	80.0	80.0	80.0	81.1	81.1	81.6	81.7
IV 4500	70.3	81.4	81.7	81.8	82.4	82.4	82.5	82.5	82.5	83.0	83.0	83.0	84.0	84.0	84.5	84.6
IV 4000	72.2	82.4	83.7	83.9	84.5	84.5	84.6	84.6	84.6	85.1	85.1	85.1	86.2	86.2	86.6	86.6
IV 3500	74.7	85.5	86.4	87.0	87.6	87.6	87.7	87.7	87.7	88.2	88.2	88.2	89.2	89.2	89.7	89.7
IV 3000	75.4	87.2	88.3	88.9	89.7	89.7	89.8	89.8	89.8	90.3	90.3	90.3	91.4	91.4	91.8	91.8
IV 2500	76.7	87.8	88.7	89.1	90.1	90.1	90.2	90.2	90.2	90.7	90.7	90.7	91.7	91.7	92.2	92.2
IV 2000	76.2	88.1	88.7	89.7	90.7	90.7	90.9	90.9	90.9	91.3	91.3	91.3	92.3	92.3	92.8	92.8
IV 1800	76.3	88.1	88.7	89.8	90.8	90.8	90.9	90.9	90.9	91.4	91.4	91.4	92.4	92.4	92.9	92.9
IV 1500	76.3	88.7	89.0	89.8	91.7	91.7	91.8	91.8	91.8	92.3	92.3	92.3	93.4	93.4	93.9	94.0
IV 1200	77.7	91.0	91.4	92.1	93.0	93.0	93.1	93.1	93.1	93.6	93.6	93.6	94.7	94.7	95.2	95.3
IV 1000	77.3	91.3	91.7	92.4	93.4	93.4	93.5	93.5	93.5	94.0	94.0	94.0	95.0	95.0	95.5	95.6
IV 900	78.2	92.7	92.8	93.6	94.7	94.7	94.9	94.9	94.9	95.4	95.4	95.4	96.4	96.4	96.9	97.0
IV 800	78.1	91.4	92.6	93.5	94.4	94.4	94.5	94.5	94.5	95.0	95.0	95.0	96.1	96.1	96.6	96.7
IV 700	78.3	91.7	93.3	93.9	94.8	94.8	94.9	94.9	94.9	95.4	95.4	95.4	96.4	96.4	96.9	97.0
IV 600	78.4	92.7	94.2	94.3	95.7	95.7	95.9	95.9	95.9	96.4	96.4	96.4	97.4	97.4	97.9	98.0
IV 500	78.5	92.8	94.4	95.0	96.0	96.0	96.1	96.1	96.1	96.6	96.6	96.6	97.6	97.6	98.1	98.2
IV 400	78.7	93.3	94.4	95.5	96.5	96.5	96.6	96.6	96.6	97.1	97.1	97.1	98.1	98.1	98.6	98.7
IV 300	79.7	93.5	95.3	95.9	96.8	96.8	97.0	97.0	97.0	97.5	97.5	97.5	98.5	98.5	99.0	99.1
IV 200	78.7	93.5	95.3	95.9	96.9	96.9	97.3	97.3	97.3	97.8	97.8	97.8	98.8	98.8	99.3	99.4
IV 100	78.7	93.5	95.3	95.9	96.9	96.9	97.3	97.3	97.3	97.8	97.8	97.8	98.8	98.8	99.3	99.4
IV 0	78.7	93.5	95.3	95.9	96.9	96.9	97.3	97.3	97.3	97.8	97.8	97.8	98.8	98.8	99.3	99.4

TOTAL NUMBER OF OBSERVATIONS: 342

U.S. AIR FORCE
 WASHINGTON, D.C.
 WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL YEAR 69-70, 13 MONTH FE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000 - 1000
 HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.3	≥.25	≥.20	≥.15	≥.10
NO CEILING	47.5	47.9	48.7	49.3	47.2	49.8	50.1	50.6	50.4	50.6	50.7	50.6	51.2	51.3	52.0	53.2
IVM 20000	46.5	45.8	55.4	57.4	58.7	58.0	58.4	58.9	52.9	58.9	58.9	58.9	58.5	57.8	61.8	61.8
IVM 18000	46.5	56.3	57.3	57.9	58.5	58.3	58.9	59.3	59.3	59.3	59.3	59.3	59.9	59.9	61.2	62.2
IVM 16000	47.2	56.5	57.7	58.3	58.9	58.9	58.9	59.7	59.7	59.7	59.7	59.7	60.3	60.3	61.6	62.6
IVM 14000	49.3	59.1	60.3	60.9	61.5	61.5	61.5	61.3	62.3	62.3	62.3	62.3	62.9	62.9	64.2	65.2
IVM 12000	51.8	61.6	62.8	63.4	63.9	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.9	64.9	66.2	67.2
IVM 10000	53.4	64.7	65.7	66.7	67.4	67.4	67.7	68.2	68.2	68.2	68.2	68.2	68.8	68.8	70.1	71.2
IVM 9000	54.7	66.4	67.3	68.4	69.1	69.1	69.5	70.0	70.0	70.0	70.0	70.0	70.6	70.6	71.9	72.9
IVM 8000	55.3	69.0	69.3	70.0	70.7	70.7	71.0	71.5	71.5	71.5	71.5	71.5	72.1	72.1	73.4	74.5
IVM 7000	57.1	69.5	70.1	71.3	72.2	72.2	72.6	73.0	73.0	73.0	73.0	73.0	73.6	73.6	74.9	76.0
IVM 6000	58.2	71.4	72.3	73.4	74.1	74.1	74.5	74.9	74.9	74.9	74.9	74.9	75.5	75.5	76.8	77.9
IVM 5000	59.3	72.8	73.3	74.3	75.5	75.5	75.9	76.4	76.4	76.4	76.4	76.4	77.0	77.0	78.3	79.4
IVM 4500	59.3	73.9	74.3	75.3	76.6	76.6	77.0	77.4	77.4	77.4	77.4	77.4	78.0	78.0	79.3	80.4
IVM 4000	61.3	75.2	76.5	77.4	78.1	78.1	78.5	79.0	79.0	79.0	79.0	79.0	79.6	79.6	80.9	82.0
IVM 3500	63.3	77.7	79.1	80.0	80.7	80.7	81.1	81.6	81.6	81.6	81.6	81.6	82.2	82.2	83.5	84.6
IVM 3000	64.4	79.3	80.7	81.7	82.6	82.6	83.0	83.5	83.5	83.5	83.5	83.5	84.0	84.0	85.3	86.4
IVM 2500	64.7	79.7	81.1	82.0	82.7	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.8	83.8	85.1	86.2
IVM 2000	65.3	81.2	82.7	83.3	84.8	84.8	84.9	85.2	85.7	85.7	85.7	85.7	86.3	86.3	87.6	88.7
IVM 1800	65.3	81.7	83.0	84.3	85.3	85.3	85.9	86.4	86.4	86.4	86.4	86.4	87.0	87.0	88.3	89.4
IVM 1500	66.3	81.6	84.4	85.5	86.5	86.5	87.1	87.5	87.6	87.6	87.6	87.6	88.2	88.2	89.5	90.6
IVM 1200	67.1	84.3	86.4	87.6	88.7	88.8	89.4	89.8	89.8	89.8	89.8	89.8	90.4	90.4	91.7	92.8
IVM 1000	67.3	84.9	86.3	87.1	87.4	87.5	88.3	88.8	88.8	88.8	88.8	88.8	89.4	89.4	90.7	91.8
IVM 900	67.2	85.1	87.2	88.4	89.7	89.8	90.7	91.1	91.1	91.1	91.1	91.1	91.7	91.7	93.0	94.1
IVM 800	67.4	85.3	87.3	88.1	89.4	89.5	90.3	90.8	90.8	90.8	90.8	90.8	91.4	91.4	92.7	93.8
IVM 700	67.4	86.1	88.1	89.5	90.8	90.9	91.8	92.3	92.3	92.3	92.3	92.3	92.9	92.9	94.2	95.3
IVM 600	67.7	86.8	88.7	89.2	91.6	91.7	92.7	93.1	93.1	93.1	93.1	93.1	93.7	93.7	95.0	96.1
IVM 500	67.7	87.3	89.1	90.5	92.0	92.1	93.0	93.5	93.5	93.5	93.5	93.5	94.1	94.1	95.4	96.5
IVM 400	67.3	87.5	89.3	91.0	92.7	92.3	94.0	94.4	94.4	94.4	94.4	94.4	95.0	95.0	96.3	97.4
IVM 300	67.3	87.5	89.7	91.1	92.8	92.9	94.3	94.9	94.9	94.9	94.9	94.9	95.5	95.5	96.8	97.9
IVM 200	67.3	87.5	89.7	91.1	92.8	92.9	94.3	94.9	94.9	94.9	94.9	94.9	95.5	95.5	96.8	97.9
IVM 100	67.3	87.5	89.7	91.1	92.8	92.9	94.3	94.9	94.9	94.9	94.9	94.9	95.5	95.5	96.8	97.9
IVM 0	67.3	87.5	89.7	91.1	92.8	92.9	94.3	94.9	94.9	94.9	94.9	94.9	95.5	95.5	96.8	97.9

TOTAL NUMBER OF OBSERVATIONS 346

U.S. AIR FORCE
 WASHINGTON, D.C.
 AIRCRAFT SERVICE/AF

CEILING VERSUS VISIBILITY

STATION: WENDELL RSPD, CENTRY, FL YEARS: 64-70, 72-75 MONTH: FL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 1-11-64
 HOURS: 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	≥0
NO CEILING	47.7	51.2	57.7	51.7	57.7	70.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IN 20000	55.2	57.7	61.2	55.2	55.2	61.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
18000	55.0	55.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
16000	56.5	51.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
14000	58.1	62.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
12000	57.4	58.5	66.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
10000	52.8	58.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
9000	53.5	70.6	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
8000	55.5	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
7000	56.5	74.1	74.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
6000	67.7	76.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
5000	63.1	76.9	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
4500	77.4	79.3	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
4000	72.1	81.9	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
3500	72.5	83.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
3000	72.9	85.1	85.5	86.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
2500	74.5	86.5	87.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
2000	75.2	87.5	88.5	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1800	75.8	88.2	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1500	76.3	89.6	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
1200	77.4	91.0	92.7	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1000	73.1	92.1	94.1	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
900	78.1	92.2	94.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
800	73.1	92.9	95.1	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
700	72.1	93.1	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
600	73.1	93.1	95.4	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
500	72.1	93.1	95.8	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
400	73.1	93.1	95.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
300	73.1	93.1	95.9	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
200	73.1	93.1	95.9	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
100	73.1	93.1	95.9	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	73.1	93.1	95.9	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS: 41

WINDY CRAFT CENTER
 400 W. 10th St. S
 MINNAPOLIS, MN 55404

CEILING VERSUS VISIBILITY

STATION: WINDY CRAFT CENTER FL DATE: 7-10-78 YEARS: MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 1-100
 HOURS PER YEAR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	0
NO CEILING	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IVM 18000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IVM 16000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IVM 14000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVM 12000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVM 10000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVM 9000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVM 8000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVM 7000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVM 6000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IVM 5000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IVM 4500	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVM 4000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVM 3500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IVM 3000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IVM 2500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IVM 2000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IVM 1800	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IVM 1500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IVM 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVM 800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVM 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 600	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVM 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVM 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 546

FEDERAL BUREAU OF SURVEYING
 NATIONAL CENTER FOR
 AERONAUTICAL SERVICE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEAR: 64-70, 73-6 MONTH: 15, 6-17, 6

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	69.2	71.0	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 20000	64.3	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IVIM 18000	65.5	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IVIM 16000	65.7	70.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IVIM 14000	68.0	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IVIM 12000	70.5	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IVIM 10000	74.5	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IVIM 9000	75.5	78.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IVIM 8000	74.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IVIM 7000	79.0	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IVIM 6000	79.3	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IVIM 5000	81.0	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IVIM 4500	82.1	87.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVIM 4000	83.3	89.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IVIM 3500	84.3	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IVIM 3000	86.1	93.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IVIM 2500	86.3	94.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IVIM 2000	87.3	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IVIM 1800	88.4	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVIM 1500	88.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVIM 1200	88.3	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IVIM 1000	88.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVIM 900	88.3	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IVIM 800	88.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVIM 700	88.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVIM 600	88.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVIM 500	88.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVIM 400	88.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVIM 300	88.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVIM 200	88.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVIM 100	88.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVIM 0	88.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 346

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: WAGNER SPACE CENTER FL

PERIOD: 89-17, 73-81

FEET
 METERS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18,744 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.5	≥1	≥¾	≥½	≥¼	≥⅓	≥⅔	≥⅓	≥⅔
NO CEILING	57.4	55.4	52.5	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥20000	53.7	56.3	66.3	66.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IVM 18000	64.5	67.1	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IVM 16000	66.3	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IVM 14000	67.7	70.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IVM 12000	70.8	74.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IVM 10000	73.5	77.2	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IVM 8000	74.2	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IVM 7000	74.7	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IVM 6000	75.3	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IVM 5000	76.7	76.2	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 4500	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 4000	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 3500	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 3000	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 2500	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 2000	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 1800	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 1500	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 1200	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 1000	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 900	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 800	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 700	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 600	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 500	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 400	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 300	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 200	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 100	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IVM 0	76.7	76.5	76.9	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9

TOTAL NUMBER OF OBSERVATIONS: 146

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 67-70, 73-67 MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

117-2000
 HOURS 131

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.16	≥.1	≥0
NO CEILING	53.4	54.8	67.1	67.4	67.8	68.3	68.8	69.2	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 20000	65.3	68.3	67.1	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 18000	66.3	68.4	67.1	69.4	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 16000	67.1	69.1	69.4	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 14000	67.3	70.0	70.7	71.9	71.7	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 12000	70.7	73.6	74.3	74.6	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 10000	73.9	77.9	73.6	78.8	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 9000	73.4	79.3	81.7	80.7	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 8000	75.3	80.3	81.7	81.2	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 7000	76.6	81.6	82.4	82.3	82.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 6000	78.1	83.3	84.3	84.4	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 5000	80.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4500	81.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 4000	81.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3500	84.4	91.7	92.7	92.9	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3000	85.7	93.3	94.3	94.6	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2500	85.7	93.4	94.4	94.7	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2000	86.1	93.9	95.3	95.4	96.1	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	86.1	94.0	95.3	95.5	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500	86.1	94.2	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1200	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 600	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 500	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 400	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 300	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 200	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 100	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 0	86.1	94.3	95.5	95.7	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 546

UNITED STATES AIR FORCE
 FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

YEARS: 69-70, 73-8

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0	
NO CEILING	62.7	44.2	54.4	54.7	54.0	54.9	55.7	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.6	55.5
≥ 20000	60.1	34.5	65.1	63.2	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.9	65.9	66.2	66.4
IV 18000	60.3	64.7	65.3	65.3	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.2	66.2	66.5	66.7
IV 16000	57.3	65.5	66.1	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.9	66.9	67.2	67.4
IV 14000	62.3	67.1	67.6	67.8	68.7	68.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.5	68.5	68.8	69.0
IV 12000	63.3	68.6	69.7	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	69.9	70.1	70.1	70.4	70.6
IV 10000	66.4	71.9	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.3	73.3	73.5	73.5	73.8	74.0
IV 9000	68.4	74.8	75.3	75.5	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.3	76.3	76.6	76.8
IV 8000	70.1	76.6	77.3	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.3	78.3	78.6	78.8
IV 7000	71.1	77.9	78.3	78.2	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.6	78.6	78.9	79.1
IV 6000	72.1	79.4	80.0	80.5	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.3	81.3	81.6	81.8
IV 5000	73.1	80.9	81.0	81.9	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6	83.1	83.2
IV 4500	74.3	83.1	83.2	84.3	84.6	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.2	85.2	85.4	85.7
IV 4000	76.3	84.9	85.8	86.3	86.5	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.3	87.5
IV 3500	78.3	87.3	88.7	88.6	88.9	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.5	89.5	89.8	90.0
IV 3000	79.6	89.2	90.1	90.9	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.6	91.6	91.9	92.1
IV 2500	80.8	89.9	90.8	91.3	91.9	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.4	92.4	92.7	92.9
IV 2000	80.8	90.9	91.9	92.4	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.6	93.6	93.9	94.1
IV 1800	81.3	91.5	92.3	93.0	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.3	94.3	94.6	94.8
IV 1500	81.7	92.2	93.3	93.8	94.4	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	95.2	95.2	95.4	95.7
IV 1200	82.2	93.0	94.0	94.8	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	96.1	96.1	96.4	96.6
IV 1000	82.3	93.3	94.4	95.1	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.8	97.1
IV 900	82.4	93.5	94.6	95.4	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	97.1	97.3
IV 800	82.4	93.9	95.3	95.8	96.5	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.3	97.3	97.6	97.8
IV 700	82.4	94.1	95.4	96.1	96.7	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.5	97.5	97.8	98.1
IV 600	82.5	94.4	95.8	96.4	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.9	97.9	98.2	98.5
IV 500	82.7	94.5	95.9	96.6	97.3	97.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	98.2	98.2	98.4	98.7
IV 400	82.3	94.6	95.1	96.7	97.5	97.5	97.9	98.0	98.0	98.1	98.1	98.2	98.2	98.5	98.5	98.8	99.1
IV 300	82.6	94.7	96.3	96.9	97.7	97.8	98.2	98.4	98.4	98.6	98.6	98.7	98.7	99.0	99.0	99.4	99.6
IV 200	82.6	94.8	96.3	97.0	97.8	97.8	98.3	98.5	98.5	98.8	98.8	98.8	98.8	99.2	99.2	99.6	99.9
IV 100	82.6	94.8	96.3	97.0	97.8	97.8	98.3	98.5	98.5	98.8	98.8	98.8	98.8	99.2	99.2	99.6	99.9
IV 0	82.3	94.8	96.3	97.0	97.8	97.8	98.3	98.5	98.5	98.8	98.8	98.8	98.8	99.2	99.2	99.6	99.9

TOTAL NUMBER OF OBSERVATIONS: 6768

OFFICE OF METEOROLOGY
 UNITED STATES AIR FORCE
 WASHINGTON, D. C. 20330

CEILING VERSUS VISIBILITY

STATION NAME: WINDY RACE CENTER FL

YEARS: 67-77, 73-87

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 1-67
 (OURS 157)

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0	
NO CEILING	67.7	63.9	64.5	64.5	64.9	64.5	64.9	64.9	65.0	65.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 20000	67.7	73.2	73.1	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 18000	70.2	73.6	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 16000	70.3	73.7	74.1	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 14000	71.3	74.3	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 12000	72.1	76.3	76.7	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 10000	74.4	79.4	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 9000	75.3	80.2	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 8000	77.5	82.9	83.9	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 7000	77.7	83.6	84.7	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 6000	78.2	84.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 5000	80.1	86.3	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4500	81.7	88.4	89.1	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	83.0	89.9	90.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3500	84.7	91.6	92.5	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	86.0	93.3	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2500	87.0	94.3	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	87.9	95.7	96.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	88.2	96.0	97.1	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	88.1	96.2	97.3	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	88.3	97.2	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	88.3	97.0	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	88.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 926

U.S. AIR FORCE
 CLIMATE CENTER
 WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

STATION: WANNEDY SPACE CENTER FL

YEARS: 69-70, 73-81

PERIOD: 300-000
 HOURS: 157

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY / STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.1	≥0	
NO CEILING	58.1	52.1	62.0	57.2	64.0	64.0	64.3	64.7	64.4	66.0	66.0	66.1	65.3	66.3	66.5	66.0
≥ 20000	64.4	71.5	72.5	72.9	73.7	73.7	74.5	74.6	74.6	75.7	75.7	75.7	76.1	76.1	76.2	76.2
IV 18000	64.5	72.1	72.9	73.4	74.1	74.1	75.0	75.1	75.1	76.2	76.2	76.2	76.5	76.5	76.6	76.6
IV 16000	65.2	72.5	73.5	73.9	74.6	74.6	75.5	75.6	75.6	76.7	76.7	76.7	77.0	77.0	77.1	77.1
IV 14000	65.6	73.7	74.7	74.4	75.2	75.2	76.1	76.2	76.2	77.2	77.2	77.2	77.6	77.6	77.7	77.7
IV 12000	67.3	75.3	76.3	76.7	77.5	77.5	78.3	78.4	78.4	79.5	79.5	79.5	79.8	79.8	79.9	79.9
IV 10000	69.4	77.5	78.4	78.9	79.6	79.6	80.5	80.6	80.6	81.7	81.7	81.7	82.0	82.0	82.1	82.1
IV 9000	70.2	78.9	79.8	80.3	81.0	81.0	81.9	82.0	82.0	83.1	83.1	83.1	83.4	83.4	83.5	83.5
IV 8000	71.0	79.9	81.0	81.4	82.2	82.2	83.1	83.2	83.2	84.3	84.3	84.3	84.6	84.6	84.7	84.7
IV 7000	71.4	80.3	81.1	82.5	83.3	83.3	84.1	84.3	84.3	85.3	85.3	85.3	85.7	85.7	85.8	85.8
IV 6000	71.6	81.1	82.4	82.8	83.6	83.6	84.5	84.6	84.6	85.7	85.7	85.7	86.0	86.0	86.1	86.1
IV 5000	72.7	82.4	83.7	84.1	84.9	84.9	85.8	85.9	85.9	86.9	86.9	86.9	87.3	87.3	87.4	87.4
IV 4500	73.9	83.9	85.2	85.7	86.4	86.4	87.3	87.4	87.4	88.5	88.5	88.5	88.8	88.8	88.9	88.9
IV 4000	74.3	85.4	86.7	87.2	87.9	87.9	88.8	88.9	88.9	90.0	90.0	90.0	90.3	90.3	90.4	90.4
IV 3500	76.7	87.5	88.8	89.2	90.0	90.0	90.8	90.9	90.9	92.0	92.0	92.0	92.3	92.3	92.4	92.4
IV 3000	77.7	88.4	89.7	90.5	91.3	91.3	92.1	92.2	92.2	93.3	93.3	93.3	93.6	93.6	93.7	93.7
IV 2500	79.3	89.8	91.1	91.5	92.2	92.2	93.1	93.2	93.2	94.3	94.3	94.3	94.6	94.6	94.7	94.7
IV 2000	79.4	91.0	92.3	92.8	93.5	93.5	94.4	94.5	94.5	95.6	95.6	95.6	95.9	95.9	96.0	96.0
IV 1800	79.7	91.4	92.7	93.1	93.9	93.9	94.7	94.8	94.8	95.9	95.9	95.9	96.2	96.2	96.3	96.3
IV 1500	80.2	92.1	93.4	93.9	94.6	94.6	95.5	95.6	95.6	96.7	96.7	96.7	97.0	97.0	97.1	97.1
IV 1200	80.7	92.8	94.1	94.5	95.3	95.3	96.1	96.2	96.2	97.3	97.3	97.3	97.6	97.6	97.7	97.7
IV 1000	80.7	92.8	94.1	94.5	95.3	95.3	96.1	96.2	96.2	97.3	97.3	97.3	97.6	97.6	97.7	97.7
IV 900	80.8	92.9	94.4	94.8	95.7	95.7	96.5	96.7	96.7	97.7	97.7	97.7	98.1	98.1	98.2	98.2
IV 800	80.8	93.4	94.9	95.4	96.2	96.2	97.1	97.2	97.2	98.3	98.3	98.3	98.6	98.6	98.7	98.7
IV 700	80.9	93.5	95.0	95.5	96.3	96.3	97.2	97.3	97.3	98.4	98.4	98.4	98.7	98.7	98.8	98.8
IV 600	80.9	93.5	95.0	95.5	96.4	96.4	97.3	97.4	97.4	98.5	98.5	98.5	98.8	98.8	98.9	98.9
IV 500	80.9	93.5	95.0	95.5	96.5	96.5	97.4	97.5	97.5	98.6	98.6	98.6	98.9	98.9	99.0	99.0
IV 400	81.0	94.2	95.7	96.1	97.3	97.3	98.2	98.3	98.3	99.4	99.4	99.4	99.7	99.7	99.8	99.8
IV 300	81.1	94.3	95.7	96.1	97.3	97.3	98.2	98.3	98.3	99.4	99.4	99.4	99.7	99.7	99.8	99.8
IV 200	81.1	94.2	95.7	96.1	97.4	97.4	98.3	98.4	98.4	99.5	99.5	99.5	99.8	99.8	100.0	100.0
IV 100	81.1	94.2	95.7	96.1	97.4	97.4	98.3	98.4	98.4	99.5	99.5	99.5	99.8	99.8	100.0	100.0
IV 0	81.1	94.2	95.7	96.1	97.4	97.4	98.3	98.4	98.4	99.5	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 427

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE/FAO

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 69-70, 73-80 MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

69-70-73-80
 HOURS: 157

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0	
NO CEILING	39.7	45.6	46.9	47.9	48.5	48.5	49.5	49.8	49.9	50.9	50.9	50.9	50.9	51.8	51.8	52.2	52.4
≥20000	57.8	61.4	62.7	63.7	64.5	64.8	65.6	65.9	65.9	67.0	67.7	67.7	67.7	67.7	68.7	68.4	68.6
IVM 18000	61.1	61.9	62.8	64.4	65.1	65.7	66.1	66.5	66.5	67.5	67.5	67.5	67.5	67.5	68.5	68.9	69.1
IVM 16000	61.7	62.6	63.4	65.1	65.7	65.7	66.8	67.1	67.1	68.2	68.2	68.2	68.2	69.1	69.1	69.6	69.5
IVM 14000	63.1	64.1	64.3	65.6	67.3	67.3	68.4	68.7	68.7	69.8	69.8	69.8	69.8	70.8	70.8	71.2	71.4
IVM 12000	64.7	65.1	67.1	65.7	69.5	67.5	70.6	70.9	70.9	72.1	72.1	72.1	72.1	72.9	72.9	73.4	73.0
IVM 10000	66.3	63.1	69.7	70.7	71.4	71.4	72.5	72.8	72.8	73.9	73.9	73.9	73.9	74.9	74.9	75.3	75.5
IVM 9000	67.3	75.2	71.3	72.9	72.7	73.7	74.8	75.1	75.1	76.3	76.3	76.3	76.3	77.2	77.2	77.7	77.9
IVM 8000	68.9	71.3	72.9	74.5	75.3	75.3	76.4	76.7	76.7	77.9	77.9	77.9	77.9	78.9	78.9	79.3	79.5
IVM 7000	69.5	72.5	73.3	75.2	75.9	75.9	77.0	77.3	77.3	78.5	78.5	78.5	78.5	79.5	79.5	79.9	80.2
IVM 6000	69.4	73.8	75.1	76.6	77.3	77.3	78.4	78.9	78.9	80.0	80.0	80.0	80.0	81.0	81.0	81.4	81.7
IVM 5000	61.7	75.3	75.5	78.1	78.9	78.9	79.9	80.4	80.4	81.6	81.6	81.6	81.6	82.5	82.5	83.5	83.7
IVM 4500	62.7	76.5	77.7	79.3	81.0	81.0	81.1	81.6	81.6	82.7	82.7	82.7	82.7	83.7	83.7	84.1	84.4
IVM 4000	63.8	78.4	79.8	81.2	82.0	82.5	83.1	83.5	83.5	84.7	84.7	84.7	84.7	85.7	85.7	86.2	86.4
IVM 3500	65.3	81.7	81.9	83.5	84.3	84.3	85.3	85.8	85.8	86.9	86.9	86.9	86.9	87.9	87.9	88.5	88.7
IVM 3000	66.6	82.8	84.1	85.7	86.5	86.5	87.6	88.4	88.7	89.2	89.2	89.2	89.2	90.2	90.2	90.7	90.9
IVM 2500	67.7	83.6	84.9	86.5	87.4	87.4	88.5	88.9	88.9	90.1	90.1	90.1	90.1	91.0	91.0	91.6	91.8
IVM 2000	67.6	84.7	86.1	87.6	88.5	88.5	89.5	90.2	90.7	91.2	91.2	91.2	91.2	92.1	92.1	92.7	92.9
IVM 1800	67.6	84.8	86.1	87.7	88.7	88.7	89.8	90.2	90.8	91.4	91.4	91.4	91.4	92.3	92.3	92.9	93.1
IVM 1500	63.7	85.4	86.7	88.3	89.3	89.3	90.4	90.8	90.8	92.0	92.0	92.0	92.0	93.0	93.0	93.5	93.7
IVM 1200	69.3	85.1	87.4	89.1	90.1	90.1	91.2	91.6	91.6	92.8	92.8	92.8	92.8	93.7	93.7	94.3	94.5
IVM 1000	62.4	85.4	87.7	89.5	90.5	90.5	91.6	92.0	92.0	93.2	93.2	93.2	93.2	94.2	94.2	94.7	94.9
IVM 900	67.4	86.5	87.9	89.9	90.9	90.9	92.0	92.4	92.4	93.6	93.6	93.6	93.6	94.6	94.6	95.1	95.4
IVM 800	63.3	86.9	88.3	90.3	91.6	91.6	92.7	93.1	93.1	94.3	94.3	94.3	94.3	95.3	95.3	95.8	96.0
IVM 700	68.9	87.5	89.1	91.3	92.6	92.6	93.6	94.1	94.1	95.3	95.3	95.3	95.3	96.2	96.2	96.8	97.0
IVM 600	62.3	87.9	89.4	91.7	93.0	93.0	94.1	94.5	94.5	95.7	95.7	95.7	95.7	96.8	96.8	97.3	97.5
IVM 500	68.3	88.1	89.6	91.9	93.2	93.2	94.4	94.8	94.8	96.0	96.0	96.0	96.0	97.1	97.1	97.6	97.8
IVM 400	65.3	88.5	90.7	92.4	94.0	94.0	95.1	95.7	95.7	96.9	96.9	96.9	96.9	98.1	98.1	98.6	98.8
IVM 300	62.3	88.5	90.7	92.4	94.0	94.0	95.1	95.8	95.8	97.1	97.1	97.1	97.1	98.4	98.4	98.9	99.1
IVM 200	62.3	86.5	90.7	92.4	94.0	94.0	95.1	95.8	95.8	97.1	97.1	97.1	97.1	98.4	98.4	98.9	99.1
IVM 100	68.8	88.5	91.3	92.4	94.0	94.0	95.1	95.8	95.8	97.1	97.1	97.1	97.1	98.4	98.4	99.0	99.6
IVM 0	68.8	88.5	91.3	92.4	94.0	94.0	95.1	95.8	95.8	97.1	97.1	97.1	97.1	98.5	98.5	99.1	99.6

TOTAL NUMBER OF OBSERVATIONS 227

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20540
 AIR FORCE SERVICE/AFAC

CEILING VERSUS VISIBILITY

1
 STATION

KENNEDY SPACE CENTER FL

69-70, 73-81

MAF
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

960-110
 HOURS TST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.75	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	48.8	52.8	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	53.3	69.8	69.9	71.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 18000	64.3	70.3	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 16000	64.3	71.2	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 14000	66.3	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 12000	68.2	74.9	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 10000	69.6	76.8	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 9000	70.7	78.5	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 8000	72.8	80.8	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 7000	73.5	81.5	81.7	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 6000	74.8	82.8	83.1	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 5000	75.3	84.3	84.6	84.8	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 4500	77.3	85.2	86.4	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	79.6	88.9	89.3	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3500	81.1	90.9	91.2	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000	81.3	91.9	92.3	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	81.8	92.3	92.8	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2000	83.0	93.8	94.1	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	83.2	94.1	94.5	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1500	83.4	94.6	95.1	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
IV 1200	83.3	95.5	96.1	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	84.1	96.1	96.9	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1
IV 900	84.1	96.2	97.1	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3
IV 800	84.1	96.2	97.1	97.7	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4
IV 700	84.2	96.3	97.2	98.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6
IV 600	84.2	96.6	97.6	98.4	98.5	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1
IV 500	84.2	96.6	97.6	98.4	98.5	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1
IV 400	84.2	96.7	97.7	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5
IV 300	84.2	96.7	97.8	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6
IV 200	84.2	96.7	97.8	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6
IV 100	84.2	96.7	97.8	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6
IV 0	84.2	96.7	97.8	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D. C. 20540

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

YEARS: 69-70, 73-5

YEAR: _____
 MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 10-1-1969
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
18000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
16000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
14000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
12000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
10000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
9000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
8000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
7000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
6000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
5000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
4500	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
4000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
3500	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
3000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2500	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
1800	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
1500	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
1200	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
1000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
900	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
800	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
700	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
600	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
500	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
400	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
300	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
200	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
100	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2

TOTAL NUMBER OF OBSERVATIONS: 930

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/MAL

CEILING VERSUS VISIBILITY

1 STATION STANLEY SPACE CENTER FL STATION NAME 57-70, 72-3 YEARS 1957-1958 MONTH 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 20000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
18000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
16000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
14000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
12000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
10000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
9000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
8000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
7000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
6000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
5000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
4500	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
4000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
3500	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
3000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
2500	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
2000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
1800	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
1500	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
1200	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
1000	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
900	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
800	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
700	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
600	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
500	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
400	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
300	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
200	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
100	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
0	73.1	73.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9

TOTAL NUMBER OF OBSERVATIONS 930

W. ANDEY SPACE CENTER FL
 STATION NAME

CEILING VERSUS VISIBILITY

STATION NAME: W. ANDEY SPACE CENTER FL

YEARS: 67-70, 75-8

MONTH: JUNE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	57.1	55.2	55.9	55.1	56.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IVM 20000	74.3	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 18000	74.3	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 16000	74.3	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 14000	75.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 12000	77.7	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 10000	79.1	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 9000	80.4	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 8000	81.3	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 7000	82.3	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 6000	83.3	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 5000	83.4	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 4500	84.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 4000	86.1	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 3500	87.3	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 3000	87.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 2500	88.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 2000	88.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 1800	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 1500	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 1200	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 1000	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 900	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 800	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 700	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 600	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 500	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 400	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 300	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 200	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 100	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 0	89.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5

TOTAL NUMBER OF OBSERVATIONS: 151

FEDERAL AVIATION ADMINISTRATION
 WASHINGTON, D.C. 20515
 METEOROLOGICAL SERVICE/AVIATION

CEILING VERSUS VISIBILITY

STATION: WANEY BRACE CENTER FL

DATE: 09-7-73

YEAR: 73

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE
 HOURS: 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.3	≥.16	≥.1	≥0	
NO CEILING	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
≥ 20000	73.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
IVM 18000	73.7	75.6	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
16000	73.4	75.3	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
IVM 14000	74.4	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
12000	75.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	
IVM 10000	73.5	81.2	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
9000	72.4	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
IVM 8000	81.4	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
7000	81.4	84.5	84.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
IVM 6000	82.0	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
5000	82.3	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
IVM 4500	86.1	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
4000	86.3	91.2	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
IVM 3500	87.4	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
3000	87.7	94.6	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
IVM 2500	90.2	96.6	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
2000	90.2	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
IVM 1800	91.5	97.1	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
1500	91.7	97.6	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
IVM 1200	91.1	97.7	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
1000	91.2	97.6	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IVM 900	91.3	97.8	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
800	91.2	98.0	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IVM 700	91.2	98.1	98.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
600	91.2	98.1	98.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
IVM 500	91.2	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
400	91.2	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IVM 300	91.2	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	91.2	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IVM 100	91.2	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	91.2	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 151

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGICAL SERVICE
 WASHINGTON, D. C. 20541

CEILING VERSUS VISIBILITY

STATION MANNEEY SPRING CENTER FL STATION NAME MANNEEY SPRING CENTER FL YEARS 1971-72 MONTH JULY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
≥ 20000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
18000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
16000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
14000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
12000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
10000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
9000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
8000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
7000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
6000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
5000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
4500	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
4000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
3500	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
3000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
2500	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
2000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
1800	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
1500	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
1200	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
1000	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
900	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
800	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
700	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
600	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
500	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
400	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
300	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
200	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
100	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
0	67.3	72.0	72.4	72.7	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0

TOTAL NUMBER OF OBSERVATIONS 7430

SAF F 7A 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WORLD CLIMATE DATA CENTER
 AF SAC
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: WENDELL SPRACE CENTER FL YEARS: 69-73 MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	63.3	53.3	61.9	55.9	59.1	67.1	67.1	69.1	67.1	69.1	69.1	67.1	67.1	69.1	67.1	67.1
IV 20000	67.3	63.3	67.7	63.8	64.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 18000	61.1	64.7	64.4	64.6	64.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 16000	61.3	64.3	65.2	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 14000	60.9	65.3	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 12000	64.1	67.3	67.2	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 10000	65.6	69.1	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 9000	66.3	69.9	70.7	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 8000	67.3	70.7	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 7000	70.7	70.7	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 6000	67.3	71.7	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 5000	68.3	72.7	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 4500	69.3	74.3	74.2	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 4000	69.7	75.6	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	67.3	77.4	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 3000	68.3	77.7	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 2500	67.7	78.0	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 2000	68.3	78.4	78.6	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 1800	67.4	78.6	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 1500	67.4	78.6	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 1200	67.4	78.6	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 1000	67.4	78.6	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 900	67.4	78.6	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 800	67.4	78.6	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 700	67.4	78.6	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 600	67.4	78.6	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 500	67.4	79.1	79.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 400	67.4	79.1	79.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 300	67.4	79.1	79.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 200	67.4	79.1	79.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 100	67.4	79.1	79.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 0	67.4	79.1	79.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9

TOTAL NUMBER OF OBSERVATIONS: 900

LOCAL CLIMATE CENTER
 STATION
 STATE OF FLORIDA

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

60-71,73-2

YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-1971
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	64.4	67.8	68.4	68.4	68.9	68.1	69.2	69.2	69.4	69.2	69.2	69.4	69.4	69.7	69.4	69.4
IV 20000	75.4	79.8	81.1	81.3	81.7	82.8	81.0	81.0	81.7	81.0	81.0	81.2	81.2	81.4	81.5	81.5
IV 18000	75.7	81.1	81.7	82.1	82.1	82.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 16000	76.7	81.1	81.7	82.1	82.1	82.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 14000	76.8	81.2	81.9	82.2	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 12000	77.7	83.1	83.5	84.1	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 10000	81.1	85.2	87.7	88.2	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 9000	81.3	87.2	87.4	88.2	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 8000	81.7	87.8	88.7	88.6	88.7	88.8	89.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 7000	82.8	87.9	88.9	88.9	89.7	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 6000	83.3	89.2	89.7	89.9	89.9	90.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 5000	83.3	89.9	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4500	84.4	92.1	92.8	93.1	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 4000	86.8	94.0	94.9	95.2	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 3500	87.3	95.4	96.1	96.4	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3000	87.7	95.8	96.4	96.6	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2500	88.1	96.1	96.9	97.1	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 2000	88.3	96.2	97.4	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	88.3	96.9	97.8	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	88.4	97.0	97.7	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	88.5	97.1	97.9	98.1	98.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1000	88.7	97.3	98.0	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	88.9	97.4	98.1	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	88.9	97.4	98.1	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	88.9	97.7	98.3	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	88.9	97.9	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	88.9	97.9	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	88.9	97.9	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	88.9	97.9	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	88.9	97.9	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	88.9	97.9	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	88.9	97.9	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

FEDERAL BUREAU OF SURVEY
 CENTRAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 METEOROLOGICAL SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

YEARS: 69-71, 73-77

MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 12 MONTHS
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	61.4	73.7	74.6	76.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 18000	61.4	73.8	74.9	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 16000	62.1	74.6	75.7	77.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 14000	62.9	75.9	77.1	78.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 12000	63.3	76.4	77.6	79.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 10000	65.7	79.9	81.1	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 9000	66.2	80.9	82.1	83.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 8000	67.3	82.4	83.6	85.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 7000	68.7	83.1	84.4	85.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 6000	68.8	84.1	85.3	86.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 5000	69.6	85.3	86.5	88.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4500	71.3	88.7	89.9	91.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4000	71.4	87.8	89.1	90.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	72.2	88.6	89.9	91.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3000	72.8	89.8	91.1	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2500	73.2	90.3	91.6	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2000	73.4	90.6	91.9	93.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	73.4	90.7	92.0	93.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1500	73.4	90.7	92.0	93.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1200	73.7	91.2	92.5	93.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1000	74.1	91.6	92.9	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 900	74.2	92.1	93.4	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 800	74.2	92.1	93.4	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 700	74.3	92.3	93.6	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 600	74.2	92.4	93.7	95.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 500	74.4	92.9	94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 400	74.4	93.1	94.4	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 300	74.4	93.1	94.4	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 200	74.4	93.1	94.4	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 100	74.4	93.1	94.4	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 0	74.4	93.1	94.4	95.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS: 151

ALL CLIMATE DATA WHICH
 IS THE PROPERTY OF THE
 NATIONAL WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

PERIOD: 6-7, 73-8

ADDITIONAL INFORMATION: MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 6-7, 73-8
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.0
NO CEILING	59.3	52.4	67.8	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV ≥ 20000	71.9	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV ≥ 18000	72.7	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV ≥ 16000	72.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV ≥ 14000	73.1	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV ≥ 12000	74.3	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV ≥ 10000	75.2	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV ≥ 9000	76.3	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV ≥ 8000	78.4	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV ≥ 7000	79.2	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV ≥ 6000	80.8	88.2	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV ≥ 5000	82.1	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV ≥ 4500	83.2	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV ≥ 4000	83.3	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV ≥ 3500	85.3	94.1	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV ≥ 3000	85.9	94.9	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV ≥ 2500	86.1	95.4	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV ≥ 2000	86.7	95.4	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV ≥ 1800	87.1	96.7	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV ≥ 1500	87.3	97.6	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV ≥ 1200	88.1	98.7	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV ≥ 1000	88.1	98.1	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 900	88.1	98.2	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV ≥ 800	88.1	98.2	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV ≥ 700	88.1	98.2	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 600	88.1	98.2	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 500	88.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 400	88.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 300	88.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 200	88.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 100	88.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	88.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 922

FEDERAL CLIMATOLOGY BRANCH
 ETAC
 AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

YEARS: 69-71, 73-81

MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 1200-1400
HOURS: 1-5

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.2	≥.16	≥.1	≥.0	
NO CEILING ≥ 20000	61.3	62.9	61.4	62.9	61.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	
IVM 18000 16000	79.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
IVM 14000 12000	79.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
IVM 10000 9000	83.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
IVM 8000 7000	85.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
IVM 6000 5000	86.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
IVM 4500 4000	88.4	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
IVM 3500 3000	91.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
IVM 2500 2000	91.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
IVM 1800 1500	92.4	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
IVM 1200 1000	92.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IVM 900 800	92.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IVM 700 600	92.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IVM 500 400	92.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IVM 300 200	92.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IVM 100 0	92.4	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS: 900

LOCAL CLIMATOLOGY BRANCH
 WASHINGTON
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL

YEARS 69-70, 73-77

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1969-1970
 HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	67.0	62.0	62.0	61.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	79.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 18000	79.7	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 16000	79.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 14000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 12000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 10000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 9000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 8000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 7000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 6000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 5000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 4500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 3000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 2500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 151

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL SERVICE/AVIATION
 METEOROLOGICAL SERVICE/AVIATION

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL

69-70,73-07

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1969-2000
 HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥0
NO CEILING	62.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	62.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IVM 18000	87.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IVM 16000	81.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IVM 14000	82.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IVM 12000	83.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IVM 10000	85.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IVM 9000	86.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IVM 8000	87.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IVM 7000	88.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVM 6000	89.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVM 5000	90.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 4500	90.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IVM 4000	91.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IVM 3500	91.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVM 3000	92.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVM 2500	93.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 2000	93.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 1800	93.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVM 1500	93.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVM 1200	93.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVM 1000	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 900	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 800	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 700	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 600	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 500	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 400	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 300	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 200	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 100	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 0	93.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 899

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20540
 METEOROLOGICAL SERVICE/AFM

CEILING VERSUS VISIBILITY

1 1980 KENNEDY SPACE CENTER FL

61-77,73-3

8 P P
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11 0-1200
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	72.7	73.7	77.7	77.7	77.7	77.7	77.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 20000	77.4	73.3	87.7	77.7	77.7	77.7	77.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 18000	74.4	75.2	85.7	77.7	77.7	77.7	77.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 16000	74.4	75.6	85.7	77.7	77.7	77.7	77.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 14000	74.4	76.9	86.7	77.7	77.7	77.7	77.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 12000	75.7	78.7	88.7	77.7	77.7	77.7	77.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 10000	76.3	79.9	87.7	77.7	77.7	77.7	77.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 9000	77.3	79.9	91.7	77.7	77.7	77.7	77.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 8000	79.7	82.2	92.7	77.7	77.7	77.7	77.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 7000	79.3	81.6	93.7	77.7	77.7	77.7	77.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 6000	79.3	84.3	94.7	77.7	77.7	77.7	77.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 5000	81.3	85.3	95.7	77.7	77.7	77.7	77.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4500	82.4	86.6	96.7	77.7	77.7	77.7	77.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4000	82.3	86.9	96.7	77.7	77.7	77.7	77.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3500	84.3	88.2	98.7	77.7	77.7	77.7	77.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	84.7	88.9	99.7	77.7	77.7	77.7	77.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 2500	84.3	89.1	99.7	77.7	77.7	77.7	77.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2000	85.7	89.3	99.7	77.7	77.7	77.7	77.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1800	85.7	89.3	99.7	77.7	77.7	77.7	77.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	85.7	89.3	99.7	77.7	77.7	77.7	77.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1200	85.7	89.4	99.7	77.7	77.7	77.7	77.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1000	85.7	89.4	99.7	77.7	77.7	77.7	77.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 900	85.2	89.7	99.7	77.7	77.7	77.7	77.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 800	85.3	89.7	99.7	77.7	77.7	77.7	77.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 700	85.3	89.7	99.7	77.7	77.7	77.7	77.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 600	85.3	89.7	99.7	77.7	77.7	77.7	77.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 500	85.3	89.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	85.3	89.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	85.3	89.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	85.3	89.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	85.3	89.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	85.3	89.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 400

U.S. AIR FORCE
 FEDERAL AVIATION ADMINISTRATION
 WASHINGTON, D.C. 20515

CEILING VERSUS VISIBILITY

STATION: KENNEDY PAC. CENTER FL YEARS: 66-71, 73-74 MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 20000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 18000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 6000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 2000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 10000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 9000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 8000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 7000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 6000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 5000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4500	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3500	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 2500	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 2000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 1800	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 1500	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 1200	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 1000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 900	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 800	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 700	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 600	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 500	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 400	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 300	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 200	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 100	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 0	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8

TOTAL NUMBER OF OBSERVATIONS 7199

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL SERVICE/FAA

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

DATE: 64-71, 73-8

MONTH: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD OF RECORD: 1951-1957
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	64.0	62.6	62.1	61.1	60.1	59.1	58.1	57.1	56.1	55.1	54.1	53.1	52.1	51.1	50.1	49.1
≥ 20000	77.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IVM 18000	77.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IVM 16000	73.1	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IVM 14000	73.1	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IVM 12000	81.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IVM 10000	83.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IVM 9000	86.3	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IVM 8000	87.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IVM 7000	87.3	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IVM 6000	87.7	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVM 5000	88.3	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 4500	89.5	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IVM 4000	89.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IVM 3500	90.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IVM 3000	91.4	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVM 2500	91.7	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVM 2000	92.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVM 1800	92.1	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 1500	92.6	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVM 1200	92.6	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVM 1000	92.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 900	92.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 800	92.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 700	92.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 600	92.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 500	92.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 400	92.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 300	92.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 200	92.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 100	92.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 0	92.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 729

METEOROLOGICAL BRANCH
 WAFB/TAC
 WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

1 STATION WENNECA SPACE CENTER FL

YEARS 69-70, 73-77

MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM NO. 500
 HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	63.4	66.1	68.8	67.1	67.1	68.1	68.1	68.1	67.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	73.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 18000	73.4	84.5	84.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 16000	73.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 14000	79.8	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 12000	81.4	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 10000	83.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 9000	84.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 8000	84.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 7000	85.3	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 6000	85.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 5000	86.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 4500	87.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 4000	87.1	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 3500	88.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 3000	89.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 2500	89.4	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2000	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 200	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 100	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 0	89.9	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE

CEILING VERSUS VISIBILITY

STATION: 1 16 KEENEY SPACE CENTER FL 68-77,73-6 YEAR: 1964
 MONTH: 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

510-100
 HOURS 151

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	47.2	54.6	55.7	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	68.3	72.7	71.7	74.4	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IVM 18000	62.4	72.8	73.4	74.5	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
16000	63.4	74.1	75.1	75.8	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IVM 14000	64.3	75.3	76.3	77.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
12000	67.2	75.9	76.9	77.6	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IVM 10000	69.1	81.1	82.1	82.9	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
9000	71.0	83.2	84.4	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IVM 8000	71.3	84.2	85.4	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
7000	73.1	85.6	86.8	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IVM 6000	73.3	86.5	87.7	88.4	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
5000	74.5	87.3	88.5	89.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVM 4500	75.4	88.2	89.4	90.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4000	76.1	89.4	90.6	91.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IVM 3500	76.6	89.8	91.0	91.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
3000	76.7	90.0	91.2	92.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IVM 2500	77.1	90.4	91.6	92.6	93.9	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2000	77.4	91.4	92.6	93.6	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVM 1800	77.3	91.7	92.9	94.1	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1500	77.8	92.2	93.4	94.5	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IVM 1200	77.1	93.1	94.3	95.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1000	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVM 900	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
800	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVM 700	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
600	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVM 500	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
400	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVM 300	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
200	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IVM 100	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0	77.1	93.2	94.7	95.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 151

UNITED STATES AIR FORCE
 AIR FORCE
 AIR FORCE SERVICE CENTER

CEILING VERSUS VISIBILITY

STATION: ANNEDY SPACE CENTER FL

DATE: 1-21-70

MONTH: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9 11-1 100
 HOURS 157

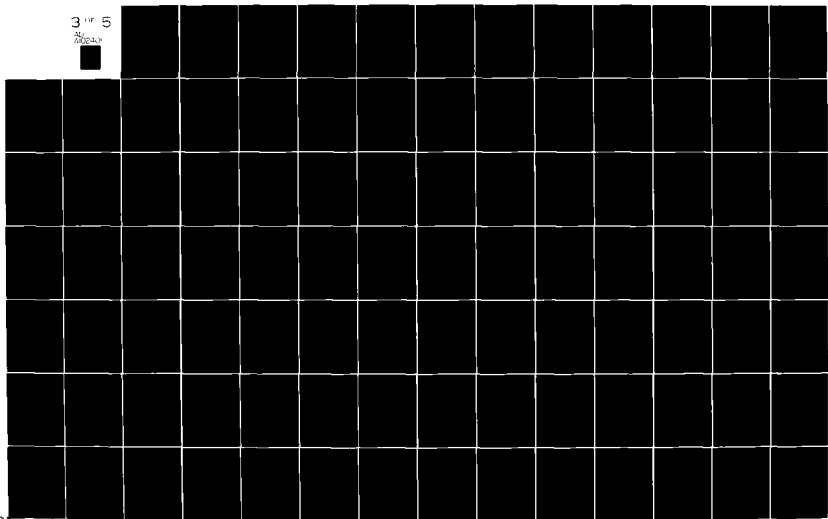
CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.1	≥0
NO CEILING	51.7	54.9	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	52.1	74.7	77.7	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 18000	67.4	75.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 16000	71.5	76.5	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 14000	71.9	73.1	74.4	74.6	74.9	75.6	75.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 12000	74.7	76.2	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 10000	77.1	78.1	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 9000	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 8000	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 7000	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 6000	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 5000	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 4500	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 4000	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 3500	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 3000	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 2500	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 2000	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 1800	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 1500	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 1200	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 1000	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 900	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 800	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 700	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 600	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 500	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 400	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 300	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 200	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 100	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 0	77.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8

TOTAL NUMBER OF OBSERVATIONS: 9 11-1 100

AD-A102 401 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KENNEDY SPACE CENTER, FLORIDA. REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
MAY 81
UNCLASSIFIED UAFETAC/DS-81/062 SRIE-AD-E850 093 NL

3 of 5

2025



FEDERAL BUREAU OF SURVEILLANCE
 METEOROLOGICAL SERVICE/7740

CEILING VERSUS VISIBILITY

STATION: WAGNER SPACE CENTER FL

DATE: 67-70, 73-74

PERIOD: 12 MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 12 MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	49.1	51.9	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	71.7	72.8	76.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 18000	71.9	73.2	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 16000	72.5	73.1	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 14000	73.3	75.3	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 12000	77.4	81.9	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 10000	79.9	85.5	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 9000	80.3	85.8	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 8000	81.7	88.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 7000	82.2	88.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 6000	82.8	89.4	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 5000	82.9	89.5	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 4500	83.2	90.7	91.7	91.9	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000	84.1	91.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3500	84.3	92.3	93.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 3000	86.1	94.3	95.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2500	86.7	95.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 2000	87.5	96.5	97.3	98.3	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.1	99.1
IV 1800	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 1500	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 1200	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 1000	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 900	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 800	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 700	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 600	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 500	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 400	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 300	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 200	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 100	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
IV 0	88.1	96.9	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 932

U.S. AIR FORCE DETACHED FLIGHT SQUADRON
 1500 TAC
 1500 TAC
 1500 TAC

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL
 STATION NAME: KENNEDY SPACE CENTER FL

PERIOD: 1-77, 78-79

YEARS: 1977-1979

MONTH: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 1977-1979
 HOURS: 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	45.6	45.6	5	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 20000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
18000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
16000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
14000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
12000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
10000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
9000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
8000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
7000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
6000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
5000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
4500	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
4000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
3500	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
3000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
2500	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
2000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1800	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1500	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1200	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
900	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
800	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
700	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
600	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
500	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
400	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
300	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
200	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
100	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4

TOTAL NUMBER OF OBSERVATIONS: 151

ALPHABETICALLY BY STATION
 1950-1954
 MONTHLY SERVICE YEAR

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL YEARS 60-70, 70-81 MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1954
 HOURS 157

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.16	≥.1	≥0
NO CEILING	47.3	48.3	49.1	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	69.7	74.5	74.7	75.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 18000	69.5	74.7	75.3	75.6	75.8	75.9	76.7	76.0	76.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 16000	70.1	73.4	75.7	76.2	75.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 14000	71.1	76.3	76.3	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 12000	73.3	79.1	79.0	81.1	81.2	81.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 10000	76.7	83.9	84.4	84.8	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	78.4	86.5	87.1	87.4	87.7	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 8000	79.9	87.7	87.3	88.7	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 7000	80.3	88.3	89.4	89.8	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 6000	81.2	89.9	91.4	90.9	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 5000	82.5	91.8	92.4	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 4500	83.4	93.1	93.9	94.1	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 4000	83.9	93.8	94.7	94.7	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 3500	84.7	94.7	95.3	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 3000	85.4	95.8	96.3	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2500	85.7	96.2	96.8	97.3	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 2000	86.0	96.8	97.4	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1800	86.1	96.8	97.8	98.1	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	86.3	97.3	98.7	98.5	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	86.5	97.8	98.3	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	86.8	97.6	98.3	98.8	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	86.8	97.8	98.3	98.8	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	86.8	97.6	98.3	98.8	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	86.8	97.6	98.3	98.8	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	86.8	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	86.8	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	86.8	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	86.8	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	86.8	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	86.8	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	86.8	97.7	98.4	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 157

LOCAL OPERATIONS BRANCH
 CONTACT
 AIR TRAFFIC SERVICE/MAE

CEILING VERSUS VISIBILITY

STATION KENNEDY SPACE CENTER FL

59-70, 73-01

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1959-1960
 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.16	≥.1	≥0
NO CEILING	14.4	37.5	58.0	66.1	54.2	50.2	58.2	59.2	59.2	51.2	50.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	71.5	75.4	76.3	75.2	75.5	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
18000	71.5	75.7	76.3	76.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
16000	72.2	75.9	76.7	76.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
14000	73.3	77.3	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
12000	75.3	79.7	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
10000	79.7	83.7	84.9	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
9000	80.3	86.1	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
8000	82.3	88.3	89.3	89.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
7000	83.3	89.1	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
6000	84.4	90.1	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
5000	84.7	91.3	92.3	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
4500	86.0	92.4	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
4000	86.3	93.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
3500	87.3	94.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
3000	88.3	95.4	96.7	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2500	89.3	96.7	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
2000	89.4	97.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1800	89.4	97.1	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1500	89.5	97.6	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1200	89.5	97.8	99.1	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1000	89.5	97.8	99.1	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	89.9	97.8	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	89.9	97.3	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	89.9	97.8	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	89.9	97.8	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	89.9	97.8	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	89.9	97.8	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	89.9	97.8	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	89.9	97.3	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	89.9	97.8	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	89.9	97.8	99.1	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 976

U.S. AIR FORCE METEOROLOGICAL BRANCH
 U.S. AIR FORCE
 METEOROLOGICAL SERVICE/AFMSS

CEILING VERSUS VISIBILITY

STATION NAME KENNEDY SPACE CENTER FL

DATE 63-70, 73-8

MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 151

CEILING -FEET-	VISIBILITY - STATUTE MILES-															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	52.5	56.7	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	71.8	76.8	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
18000	71.5	77.0	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
16000	72.3	77.8	78.3	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
14000	73.2	79.1	79.5	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
12000	75.7	81.3	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
10000	78.7	85.2	85.8	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
9000	79.9	87.2	87.9	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
8000	80.5	88.5	89.2	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
7000	81.4	89.2	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
6000	81.3	89.8	90.4	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
5000	82.7	90.8	91.5	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
4500	83.6	92.7	92.7	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4000	84.2	92.3	93.6	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
3500	84.3	93.7	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
3000	85.5	94.6	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
2500	86.1	95.4	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2000	86.5	96.2	97.1	97.5	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1800	86.3	96.4	97.3	97.7	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1500	86.5	96.7	97.5	98.1	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	87.1	97.1	98.0	98.5	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1000	87.2	97.2	98.1	98.6	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	87.2	97.2	98.1	98.6	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	87.2	97.2	98.1	98.6	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	87.3	97.4	98.3	98.8	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	87.3	97.4	98.3	98.8	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
500	87.3	97.5	98.3	98.8	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	87.3	97.6	98.5	99.0	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	87.4	97.6	98.5	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	87.4	97.6	98.5	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100	87.4	97.6	98.5	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	87.4	97.7	98.6	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7439

FEDERAL AVIATION ADMINISTRATION
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20515
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL

69-70, 73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1969-1980
 HOURS 157

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01
NO CEILING	81.0	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 20000	77.1	79.3	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IVM 18000	77.4	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IVM 16000	78.3	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IVM 14000	79.3	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IVM 12000	81.6	84.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IVM 10000	84.3	87.0	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IVM 9000	86.3	90.0	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVM 8000	87.7	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IVM 7000	87.9	91.8	92.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IVM 6000	88.3	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IVM 5000	89.1	93.2	93.4	92.8	93.8	93.8	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IVM 4500	90.3	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IVM 4000	91.1	95.4	95.7	96.1	96.0	96.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IVM 3500	91.1	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IVM 3000	91.4	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IVM 2500	91.6	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IVM 2000	92.8	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVM 1800	92.9	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 1500	93.0	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 1200	93.1	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 1000	93.2	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVM 900	93.2	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVM 800	93.2	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVM 700	93.3	98.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVM 600	93.3	98.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVM 500	93.4	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 400	93.4	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 300	93.4	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 200	93.4	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 100	93.6	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 0	93.6	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

U.S. AIR FORCE
 WASHINGTON, D.C. 20330
 FORM 105-100
 1-64

CEILING VERSUS VISIBILITY

STATION NAME MINNEDY SPACE CENTER FL

YEARS 67-70, 75-77

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE
 HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	61.3	55.7	65.7	66.3	61.3	56.3	64.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 20000	74.4	67.1	80.4	81.6	87.6	80.6	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 18000	74.4	67.1	80.4	81.6	87.6	80.6	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 16000	75.3	61.3	81.7	81.3	81.8	81.8	81.3	81.8	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 14000	77.2	82.6	83.7	83.2	83.2	83.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 12000	75.3	84.3	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 10000	81.7	83.7	84.7	84.4	84.4	84.4	84.4	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 9000	81.7	83.7	84.7	84.4	84.4	84.4	84.4	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 8000	84.3	91.4	91.3	91.9	91.9	91.9	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 7000	85.0	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 6000	85.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 5000	86.1	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 4500	86.3	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 4000	87.2	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 3500	87.6	95.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 3000	88.2	95.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2500	88.7	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 2000	87.0	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1800	89.1	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	87.3	97.9	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	88.4	98.1	98.4	98.0	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	87.7	98.3	98.7	98.2	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	88.9	98.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	89.3	98.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	89.9	98.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	89.3	98.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	90.1	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.1	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.1	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.1	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.1	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.1	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 755

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20515
 WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 69-70, 73-80 MONTH: JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 1600-1600
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	44.3	54.4	55.4	56.2	56.3	56.3	56.3	56.3	56.7	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥20000	61.6	74.4	76.3	76.9	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 18000	62.1	75.7	76.9	77.4	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 16000	64.1	77.2	79.0	79.7	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 14000	65.7	77.7	80.8	81.4	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 12000	69.3	83.3	85.1	85.8	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 10000	71.4	86.3	87.4	88.9	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 9000	72.6	87.4	87.4	88.1	88.3	88.3	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 8000	73.0	88.0	90.1	90.3	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 7000	74.3	89.2	91.3	92.0	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 6000	74.3	89.9	91.9	92.6	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 5000	74.3	91.2	92.3	93.0	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 4500	74.8	91.3	92.9	93.0	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 4000	75.1	91.4	93.3	94.2	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3500	75.8	91.9	93.9	94.6	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 3000	75.7	92.3	94.4	95.1	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2500	75.8	92.6	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000	76.1	93.4	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800	76.1	93.4	95.7	96.3	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	76.4	94.2	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	76.6	94.6	96.7	97.4	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	76.5	94.7	96.9	97.7	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	76.6	94.9	97.1	97.9	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	76.3	95.1	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	76.3	95.1	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	77.0	95.3	97.6	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	77.1	95.6	97.9	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	77.1	95.6	97.9	98.6	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	77.1	95.6	97.9	98.6	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	77.1	95.6	97.9	98.6	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	77.1	95.6	97.9	98.6	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	77.1	95.6	97.9	98.6	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 900

WORLD WEATHER SERVICE
 METEOROLOGICAL SERVICE
 METEOROLOGICAL SERVICE

CEILING VERSUS VISIBILITY

STATION KEYHOLE SPACE CENTER FL STATION NAME 59-70,73- YEARS 1950-1951 MONTH 1-12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥5/16	≥¼	≥0
NO CEILING	47.4	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	69.1	75.6	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 18000	77.1	76.6	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 16000	77.4	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 14000	77.9	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 12000	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 10000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 9000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 8000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 7000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 6000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 5000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4500	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3500	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 2500	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 2000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 1800	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 1500	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 1200	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 1000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 900	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 800	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 700	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 600	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 500	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 400	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 300	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 200	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 100	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7

TOTAL NUMBER OF OBSERVATIONS 900

7

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY SERVICE
 WASHINGTON, D.C. 20540

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 1977-78-79 MONTHS: 00

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS U.S.T.

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	74.9	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
18000	75.3	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
16000	75.3	75.6	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
14000	75.3	75.7	75.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
12000	74.7	81.9	87.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
10000	77.1	84.7	85.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
9000	74.5	86.5	87.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
8000	77.3	87.8	88.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
7000	75.6	83.0	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
6000	79.3	88.4	89.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
5000	81.1	89.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
4500	91.3	91.2	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4000	91.3	91.7	91.7	91.6	91.6	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
3500	92.2	91.4	92.1	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
3000	93.1	92.3	93.4	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2500	94.3	94.0	95.2	95.6	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2000	96.3	97.2	97.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1800	96.2	97.4	98.4	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1500	96.4	98.3	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1200	96.4	98.2	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1000	96.4	98.3	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	96.4	98.2	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	96.7	98.4	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	96.7	98.4	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	96.7	98.4	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	96.7	98.4	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	96.7	98.4	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	96.7	98.4	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	96.7	98.4	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	96.7	98.4	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.7	98.4	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

USAF ETAC
 FORM 10-64
 0-14-5 (OL A)

CEILING VERSUS VISIBILITY

STATION NAME: WALLEY SPACE CENTER FL YEARS: 1-71, 73-74 MONTH: 15 HOURS: 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.75	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥20000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVIM 18000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVIM 16000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVIM 14000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVIM 12000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVIM 10000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVIM 9000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVIM 8000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVIM 7000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVIM 6000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IVIM 5000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IVIM 4500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IVIM 4000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IVIM 3500	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IVIM 3000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IVIM 2500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 2000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 1800	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 1500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 1200	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 1000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 900	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 800	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 700	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 600	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 400	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 300	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 200	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 100	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVIM 0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS: 968

UNITED STATES AIR FORCE
 WASHINGTON, D. C.
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION NAME: WOODWARD FIELD, OHIO, F.L.
 STATION NUMBER: 0-14-5

PERIOD: 1971-72

MONTH: 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 0000
 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 18000	62.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 16000	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 14000	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 12000	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 10000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 9000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 8000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 7000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 6000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 5000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 4500	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 4000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3500	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 3000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 2500	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 2000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 1800	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 1500	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 1200	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 1000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 900	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 800	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 700	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 600	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 500	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 400	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 300	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 200	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 100	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7

TOTAL NUMBER OF OBSERVATIONS: 100

FEDERAL BUREAU OF SURVEILLANCE
 NATIONAL WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

PERIOD: 07-72-0

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 1/2 - 2 1/2
 HOURS 15'

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.1	≥0	≥0
NO CEILING	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 20000	69.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 18000	71.4	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 16000	71.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 14000	71.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 12000	71.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 10000	71.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 9000	71.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 8000	71.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 7000	71.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 6000	71.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 5000	71.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 4500	71.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 4000	71.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 3500	71.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 3000	71.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2500	71.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	71.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	71.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	71.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	71.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	71.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	71.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	71.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	71.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	71.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	71.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	71.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	71.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	71.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	71.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	71.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

OPERATIONAL BRANCH
 SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION NAME: KENNEDY SPACE CENTER FL
 STATION NUMBER: 67-7073-1
 YEARS: 00 MONTH: 00

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS '51

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	47.2	51.3	51.7	51.7	52.0	52.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	51.3	74.4	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 18000	51.9	74.0	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 16000	55.0	75.9	75.2	75.1	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 14000	71.8	75.4	77.7	75.1	77.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 12000	75.0	77.0	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 10000	77.0	80.0	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 9000	79.0	80.6	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 8000	80.5	80.8	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 7000	81.0	80.3	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 6000	81.3	80.9	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 5000	81.9	81.9	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4500	82.5	82.6	92.3	92.5	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4000	82.9	82.3	92.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3500	83.3	83.7	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3000	83.7	84.3	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2500	84.2	85.4	95.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000	85.1	86.9	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	85.3	87.2	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	85.5	87.6	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	85.6	87.8	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	85.7	87.9	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	85.7	88.1	98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	85.8	88.1	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	85.9	88.1	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	85.9	88.1	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	85.9	88.2	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	85.9	88.2	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	85.9	88.2	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	85.9	88.2	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	85.9	88.2	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	85.9	88.2	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 7200

FEDERAL AVIATION ADMINISTRATION
 NATIONAL AVIATION SERVICE

CEILING VERSUS VISIBILITY

STATION: MCANEEY WEAVER CENTER FL YEARS: 65-75, 73-5 MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING - FEET
 HOURS - 157

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.2			
NO CEILING	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 20000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 18000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 14000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 12000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 10000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 9000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 8000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 7000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 6000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 5000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 4500	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 4000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 3500	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 3000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 2500	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 2000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 1800	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 1500	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 1200	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 1000	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 900	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 800	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 700	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 600	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 500	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 400	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 300	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 200	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 100	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 0	63.7	65.1	65.4	63.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4

TOTAL NUMBER OF OBSERVATIONS: 157

WINDSPEED OBSERVATION BRANCH
 WINDSPEED
 WINDSPEED SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION WENNEBOY SPACE CENTER FL

99-70,73-0

YEARS

301

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 1-1955
 (REVISED)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	67.3	71.6	77.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	84.9	84.3	88.5	86.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 18000	84.9	86.3	88.5	86.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 16000	85.6	88.9	88.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 14000	87.3	91.1	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 12000	90.7	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 10000	92.7	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 9000	93.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 8000	93.4	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 7000	93.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 6000	94.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 5000	94.3	98.1	98.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 4500	94.5	98.1	98.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 4000	95.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 3500	95.5	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 3000	95.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2500	95.7	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	95.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	95.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	95.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	95.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	95.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	95.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	95.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	95.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	95.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	95.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	95.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

WINDY SPACE CENTER FL
 67-70, 73-87

STATION NAME: WINDY SPACE CENTER FL YEARS: 67-70, 73-87 MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	1.0	57.3	58.3	53.7	33.9	17.1	10.1	59.2	56.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4
IN 20000	73.3	81.6	82.7	83.3	83.5	83.8	83.9	84.0	84.1	84.2	84.0	84.0	84.0	84.0	84.1	84.1	84.1
IN 18000	74.1	82.2	82.8	83.7	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
IN 16000	75.3	83.4	84.5	85.2	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
IN 14000	76.4	86.8	87.8	88.3	88.8	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
IN 12000	77.7	89.4	91.4	91.1	91.4	91.6	92.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
IN 10000	78.3	92.5	93.5	94.2	94.6	94.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
IN 9000	74.1	93.1	94.2	94.3	95.3	95.5	96.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
IN 8000	74.4	93.4	94.5	95.3	95.7	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
IN 7000	74.4	93.4	94.5	95.3	95.8	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IN 6000	74.4	93.4	94.7	95.3	95.7	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
IN 5000	74.5	93.7	94.9	95.7	96.2	96.5	97.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
IN 4500	74.4	93.8	95.1	95.8	96.3	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
IN 4000	74.9	94.2	95.0	96.5	97.1	97.2	97.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
IN 3500	75.2	94.4	95.3	96.7	97.2	97.4	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IN 3000	75.2	94.5	95.3	96.8	97.3	97.5	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
IN 2500	75.3	94.6	96.1	96.9	97.4	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
IN 2000	75.3	95.3	96.7	97.5	98.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1
IN 1800	76.3	95.3	96.7	97.5	98.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1
IN 1500	76.3	95.6	97.1	98.1	98.6	98.8	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IN 1200	76.1	95.7	97.1	98.2	98.7	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
IN 1000	76.1	95.7	97.1	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 900	76.1	95.7	97.1	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 800	76.1	95.7	97.1	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 700	76.1	95.7	97.1	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 600	76.1	95.7	97.1	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 500	76.1	95.7	97.1	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 400	76.1	95.7	97.1	98.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 300	76.1	95.7	97.1	98.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 200	76.1	95.7	97.1	98.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 100	76.1	95.7	97.1	98.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IN 0	76.1	95.7	97.1	98.2	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 530

U.S. AIR FORCE
 METEOROLOGICAL SERVICE
 WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

STATION: WINDY SPACE CENTER FL YEARS: 67-70, 72-73 MONTH: JULY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 1-1967
 HOURS: 157

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	47.4	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	77.2	78.1	79.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IVM 18000	73.7	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IVM 16000	75.3	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IVM 14000	80.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IVM 12000	83.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IVM 10000	86.1	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IVM 9000	87.1	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IVM 8000	87.5	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVM 7000	87.5	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVM 6000	87.5	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVM 5000	88.7	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IVM 4500	88.2	94.5	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IVM 4000	88.2	94.6	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IVM 3500	88.4	94.9	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IVM 3000	88.9	95.3	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IVM 2500	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 2000	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 1800	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 1500	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 1200	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 1000	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 900	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 800	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 700	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 600	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 500	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 400	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 300	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 200	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 100	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 0	89.4	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 530

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

CEILING VERSUS VISIBILITY

STATION NAME: ANNALY SPACE CENTER FL

PERIOD: 69-70, 73-74

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1969-1974
 HOURS: 157

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	37.3	42.2	42.9	41.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000	72.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IVM 18000	73.1	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IVM 16000	74.1	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IVM 14000	77.7	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IVM 12000	80.4	86.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IVM 10000	81.8	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IVM 9000	82.5	89.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IVM 8000	83.3	90.9	91.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IVM 7000	83.3	90.9	91.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IVM 6000	84.2	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IVM 5000	84.2	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IVM 4500	84.6	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVM 4000	84.6	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVM 3500	84.9	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IVM 3000	85.8	94.3	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVM 2500	86.3	96.2	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVM 2000	88.1	98.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVM 1800	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 1500	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 1200	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 1000	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 900	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 800	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 700	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 600	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 500	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 400	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 300	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 200	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 100	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 0	88.4	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 930

FEDERAL BUREAU OF SURVEY
 WASHINGTON, D. C.
 AIR FORCE SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL
 STATION NAME: KENNEDY SPACE CENTER FL

PERIOD: 63-70, 73-87
 YEARS: 63-70, 73-87

MONTH: JUL
 MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 1963-1987
 HOURS: 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	37.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	66.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 18000	66.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 16000	67.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 14000	70.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 12000	74.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 10000	76.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 9000	77.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 8000	78.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 7000	78.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 6000	78.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 5000	78.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 4500	78.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4000	78.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3500	79.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 3000	80.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500	80.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000	81.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1500	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 600	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 400	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 300	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 200	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 100	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 0	81.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 530

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL SCIENCE
 WASHINGTON, D.C. 20540

CEILING VERSUS VISIBILITY

STATION: WALNUT RIDGE CENTER FL

DATE: 6-7, 73

MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1940-1949
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	35.7	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
IV 20000	66.7	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 18000	67.1	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 16000	67.7	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 14000	70.3	77.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 12000	73.5	83.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 10000	76.1	87.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 9000	73.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 8000	73.5	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 7000	78.3	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 6000	79.3	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 5000	79.3	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4500	79.3	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4000	79.3	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3500	80.4	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3000	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1200	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 900	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 800	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 700	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 600	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 500	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 400	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 300	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 200	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 100	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 0	81.1	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS: 151

USAF METEOROLOGICAL SERVICE
 METEOROLOGICAL SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 61-70, 73-75 MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 0100-2300
 HOURS: 151

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.7	≥ 2	≥ 1.7	≥ 1.4	≥ 1	≥ .7	≥ .5	≥ .3	≥ .1	≥ 0
NO CEILING	43.4	51.3	51.3	51.3	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 18000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 16000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 14000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 12000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 10000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 9000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 8000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 7000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 6000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 5000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 4500	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 4000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 3500	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 3000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 2500	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 2000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 1800	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 1500	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 1200	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 1000	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 900	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 800	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 700	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 600	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 500	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 400	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 300	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 200	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 100	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 0	75.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6

TOTAL NUMBER OF OBSERVATIONS: 530

U.S. AIR FORCE METEOROLOGICAL SERVICE
 WASHINGTON, D.C. 20330
 FORM 101-64

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 69-70, 73-8 MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	74.2	79.1	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	74.2	79.1	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IVM 18000	74.4	79.4	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
16000	75.0	80.5	81.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IVM 14000	75.0	84.1	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
12000	75.1	83.3	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IVM 10000	74.3	81.3	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
9000	75.0	82.0	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IVM 8000	76.1	83.7	84.5	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
7000	76.1	83.3	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IVM 6000	76.3	84.2	84.5	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
5000	76.7	84.5	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IVM 4500	76.9	84.9	85.5	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
4000	77.1	85.3	86.0	86.1	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IVM 3500	77.4	85.7	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
3000	77.7	86.1	86.5	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IVM 2500	77.9	86.7	87.7	87.7	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
2000	78.7	87.7	88.7	88.8	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IVM 1800	78.8	87.8	88.7	89.1	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1500	78.8	87.9	88.8	89.1	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IVM 1200	78.8	88.0	88.9	89.2	89.4	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
1000	78.8	88.0	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVM 900	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
800	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVM 700	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
600	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVM 500	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
400	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVM 300	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
200	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVM 100	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
0	78.8	88.1	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8

TOTAL NUMBER OF OBSERVATIONS: 7440

FEDERAL METEOROLOGICAL SERVICE
 WASHINGTON, D. C.
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: WINNEDY SPACE CENTER FL STATION NAME: 87-70,73-0 YEARS: 1967 MONTH: 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1967-1967
 HOURS: 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.3	≥.16	≥.1	≥.0	
NO CEILING	85.1	84.3	81.7	82.5	81.5	81.3	82.5	81.5	81.4	81.7	82.1	81.5	81.5	81.5	81.5	
≥ 20000	85.1	84.5	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
IV 18000	87.2	84.3	84.2	84.9	85.2	85.2	85.7	85.2	85.7	85.2	85.2	85.2	85.2	85.2	85.2	
IV 16000	85.5	84.3	85.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	
IV 14000	82.5	86.9	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
IV 12000	86.2	86.2	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
IV 10000	88.2	93.4	93.7	93.9	94.1	94.1	94.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
IV 9000	85.1	85.6	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
IV 8000	90.7	95.1	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
IV 7000	91.0	95.5	95.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
IV 6000	91.1	96.0	95.9	97.0	97.2	97.2	97.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
IV 5000	91.4	96.9	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
IV 4500	91.5	97.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
IV 4000	91.5	97.3	97.0	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
IV 3500	91.9	97.4	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
IV 3000	92.0	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
IV 2500	92.3	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
IV 2000	92.7	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
IV 1800	92.9	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
IV 1500	93.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 1200	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 1000	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 900	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 800	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 700	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 600	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 500	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 400	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 300	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 200	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 100	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
IV 0	93.1	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

AL PHOENIX, AZ
 DATE: 10/15/73

CEILING VERSUS VISIBILITY

STATION: RANDOLPH SPAC CENTER FL STATION NAME: 64-77,73-73 YEARS: MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

205-1573
 HOURS: 151

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	67.8	71.8	71.1	71.2	70.7	72.7	72.7	72.7	72.7	71.0	72.8	72.8	72.8	72.8	72.8	71.0	71.0
≥ 20000	67.8	69.1	68.1	70.5	67.0	67.5	67.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
18000	67.9	66.3	65.8	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
16000	67.7	67.2	67.7	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
14000	68.1	68.7	67.7	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
12000	68.4	67.1	67.1	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
10000	68.1	67.1	67.1	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
9000	68.8	65.2	65.2	65.5	66.7	66.0	66.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
8000	68.3	65.5	65.7	65.8	66.3	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
7000	68.9	65.7	65.7	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
6000	69.2	65.1	65.1	65.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
5000	69.7	66.6	66.6	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
4500	69.1	67.1	67.1	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
4000	69.1	67.1	67.1	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
3500	69.1	67.5	67.5	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
3000	69.2	67.3	67.3	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
2500	69.2	67.5	67.5	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
2000	69.4	68.2	68.2	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
1800	69.4	68.3	68.3	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
1500	69.5	68.4	68.4	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
1200	69.5	68.4	68.4	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
1000	69.5	68.4	68.4	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
900	69.5	68.4	68.4	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
800	69.5	68.5	68.5	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
700	69.5	68.5	68.5	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
600	69.5	68.5	68.5	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
500	69.5	68.5	68.5	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
400	69.5	68.5	68.5	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
300	69.5	68.5	68.5	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
200	69.5	68.5	68.5	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
100	69.5	68.5	68.5	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
0	69.5	68.5	68.5	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7

TOTAL NUMBER OF OBSERVATIONS: 570

FEDERAL BUREAU OF SURVEY
 WASHINGTON, D.C.
 AIRCRAFT SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: MINNOCY SPACE CENTER FL

YEAR: 64-77, 73-6

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTHS: _____
 HOURS: _____

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	5.5	12.9	13.4	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥ 20000	73.3	81.6	82.4	82.6	82.1	82.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
18000	72.7	81.3	83.0	83.4	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
16000	74.3	83.0	84.5	84.9	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
14000	77.1	86.5	87.7	87.6	87.4	87.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
12000	74.3	83.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
10000	72.7	81.7	83.7	84.2	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
9000	73.2	83.9	84.7	85.2	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
8000	74.3	84.7	85.6	86.0	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
7000	74.3	85.1	85.9	86.3	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
6000	74.3	85.3	85.1	86.0	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000	74.3	85.9	86.7	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
4500	74.3	86.1	86.9	87.3	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
4000	74.3	86.1	87.1	87.5	87.3	87.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
3500	74.4	86.2	87.1	87.6	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
3000	74.3	86.3	87.2	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
2500	74.3	86.3	87.2	87.6	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
2000	74.3	87.1	88.1	88.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1800	74.3	87.1	88.1	88.5	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1500	74.3	87.1	88.1	88.5	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1200	74.3	87.1	88.1	88.5	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1000	74.3	87.1	88.1	88.5	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
900	75.1	87.2	88.1	88.8	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
800	75.1	87.2	88.1	88.8	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
700	75.1	87.2	88.1	88.8	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
600	75.1	87.2	88.1	88.8	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
500	75.1	87.2	88.1	88.8	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
400	75.1	87.2	88.1	88.8	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
300	75.2	87.3	88.1	88.9	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
200	75.2	87.3	88.1	88.9	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
100	75.2	87.3	88.1	88.9	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
0	75.2	87.3	88.1	88.9	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5

TOTAL NUMBER OF OBSERVATIONS: _____

CEILING VERSUS VISIBILITY

STATION: MINNIE SPACE CENTER YEAR: 1977 MONTH: 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-1977
HOURS: 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	17.6	9.5	5.7	3.9	2.9	2.2	1.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
≥ 20000	17.6	9.5	5.7	3.9	2.9	2.2	1.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
IV 18000	73.2	51.2	41.4	31.7	21.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
IV 16000	73.1	51.2	42.5	32.7	22.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
IV 14000	73.1	51.2	42.5	32.7	22.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
IV 12000	73.1	51.2	42.5	32.7	22.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
IV 10000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 9000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 8000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 7000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 6000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 5000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4500	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 4000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3500	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1800	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1200	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 900	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 800	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 700	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 600	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 500	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 400	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 300	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 200	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 100	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 0	93.7	93.7	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS 151

UNITED STATES AIR FORCE
 AIR FORCE
 AIR FORCE SERVICE/MAIL

CEILING VERSUS VISIBILITY

STATION NAME: ANNAPOLIS BEACH CEILING FL

YEARS: 69-72, 73-74

MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-1-14 11
 HOURS 1-15

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 18000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 16000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 14000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 12000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 10000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 9000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 8000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 7000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 6000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 5000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 4500	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 4000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3500	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2500	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1800	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1500	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1200	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1000	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 900	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 800	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 700	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 600	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 500	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 400	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 300	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 200	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 100	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 0	77.7	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5

TOTAL NUMBER OF OBSERVATIONS: 337

CEILING VERSUS VISIBILITY
 STATION NAME
 SERVICE AREA

CEILING VERSUS VISIBILITY

STATION NAME: KENNEDY SPACE CENTER FL YEARS: 63-70, 73-8 MONTHS: 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-1971
 HOURS: 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	43.1	48.1	45.1	45.1	44.1	45.1	44.1	45.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 20000	63.3	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 18000	71.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 16000	71.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 14000	72.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 12000	75.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 10000	79.5	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 9000	80.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 8000	81.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	81.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 6000	81.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 5000	81.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 4500	81.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 4000	82.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3500	82.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3000	82.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2500	83.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2000	83.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1800	83.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1500	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1200	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1000	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 900	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 800	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 700	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 600	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 500	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 400	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 300	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 200	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 100	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 0	84.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1

TOTAL NUMBER OF OBSERVATIONS: 151

UNITED STATES METEOROLOGICAL SERVICE
 WANGEE SPACE CENTER FL

CEILING VERSUS VISIBILITY

STATION WANGEE SPACE CENTER FL

PERIOD 12-77, 78

YEARS

MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-0000
 HOURS U.S.T.

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	42.7	43.9	45.3	46.8	48.7	48.0	46.0	43.1	40.0	40.0	47.7	41.0	43.7	46.0	49.7	48.0
≥ 20000	71.7	75.1	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
18000	71.2	77.2	77.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
16000	71.2	78.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
14000	74.0	81.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
12000	77.3	84.9	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
10000	82.5	88.9	90.7	90.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
9000	82.7	88.4	90.3	90.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
8000	83.7	88.1	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
7000	83.7	88.4	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
6000	83.4	88.9	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
5000	83.9	84.2	95.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
4500	84.5	84.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
4000	84.7	84.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
3500	84.4	85.4	94.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
3000	85.8	88.7	93.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2500	85.1	88.6	92.8	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2000	85.7	88.2	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
1800	85.3	88.9	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
1500	85.2	88.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
1200	85.5	87.7	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
1000	85.2	87.4	92.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
900	85.3	87.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
800	85.3	87.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
700	85.3	87.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
600	85.3	87.3	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
500	85.3	87.0	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
400	85.3	87.0	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
300	85.3	87.0	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
200	85.3	87.0	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
100	85.3	87.7	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
0	85.3	87.7	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4

TOTAL NUMBER OF OBSERVATIONS 732

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL SERVICE

CEILING VERSUS VISIBILITY

STATION: WANNY SPACE CENTER FL YEARS: 1971-72 MONTH: 1-12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	56.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	77.1	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	77.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	77.3	81.2	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 14000	84.3	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 12000	84.3	84.4	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 10000	87.3	87.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 9000	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 8000	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 7000	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 6000	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 5000	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4500	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3500	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3000	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 2500	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 2000	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1800	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1500	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1200	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1000	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 900	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 800	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 700	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 600	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 500	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 400	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 300	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 200	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 100	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 0	87.3	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9

TOTAL NUMBER OF OBSERVATIONS 131

U.S. AIR FORCE METEOROLOGICAL BRANCH
 WAFB, FL
 ALL WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

1 STATION: WANNEDY SPACE CENTER FL

69-75,73-01

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	54.1	57.9	58.1	59.1	59.2	59.2	59.2	58.2	58.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	75.0	75.0	81.0	71.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 18000	75.1	81.3	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 16000	76.4	82.1	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 14000	79.2	84.6	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 12000	82.3	88.1	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 10000	80.1	81.7	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 9000	86.4	93.6	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 8000	87.0	94.4	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 7000	87.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 6000	87.4	95.0	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 5000	87.2	95.3	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 4500	87.2	95.6	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 4000	87.4	95.3	95.8	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 3500	88.1	96.1	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 3000	88.3	96.5	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2500	88.3	96.9	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 2000	89.3	98.1	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1800	89.3	98.1	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	89.4	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	89.4	98.3	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	89.4	98.3	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	89.4	98.3	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	89.4	98.4	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	89.4	98.4	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	89.4	98.4	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	89.4	98.4	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	89.4	98.4	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	89.4	98.4	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	89.4	98.4	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	89.4	98.4	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	89.4	98.4	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 744

1. NAME OF LIMITED AREA OR STATION
 2. DATE
 3. DATA SERVICE/NA

CEILING VERSUS VISIBILITY

1. STATION WHEATLEY SPACE CENTER FL 2. YEARS 67-70, 73-74 3. MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4. CEILING FEET
 5. HOURS PER MONTH

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	84.1	89.2	67.	87.8	87.0	73.7	81.0	80.0	87.7	87.1	80.0	81.2	81.0	80.0	87.7	81.0
≥ 20000	75.3	78.2	79.7	78.6	78.6	78.6	78.7	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
18000	76.3	78.9	79.7	79.2	79.2	79.2	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
16000	76.3	78.9	79.7	79.2	79.2	79.2	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
14000	77.3	81.7	87.7	84.3	84.3	84.3	84.4	80.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
12000	71.3	83.7	84.7	84.3	84.3	84.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
10000	84.1	88.1	88.7	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
9000	85.8	89.4	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
8000	86.4	91.7	91.7	91.2	91.2	91.2	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
7000	86.5	91.1	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
6000	87.1	91.4	91.7	91.9	91.9	91.9	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
5000	87.3	91.7	92.7	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
4500	88.0	92.8	92.9	93.1	93.1	93.1	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
4000	88.9	93.8	93.7	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
3500	89.3	94.9	94.7	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
3000	89.3	94.9	95.7	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2500	91.3	95.7	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2000	91.7	97.3	97.7	98.1	98.2	98.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1800	91.4	98.7	98.4	99.3	99.7	99.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1500	91.4	98.1	98.7	99.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1200	91.4	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1000	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	91.4	98.4	98.9	99.2	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

FEDERAL AVIATION ADMINISTRATION
 WASHINGTON, D.C. 20515
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

1349 WAINWRIGHT SPACE CENTER FL
 STATION NAME

69-70,73-c
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 SEP 1964
 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	81.3	80.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 18000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 16000	76.2	75.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IVM 14000	76.2	75.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IVM 12000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 10000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 9000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 8000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 7000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 6000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 5000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 4500	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 4000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 3500	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 3000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 2500	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 2000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 1800	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 1500	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 1200	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 1000	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 900	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 800	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 700	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 600	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 500	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 400	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 300	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 200	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 100	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 0	75.3	74.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

KENNEDY SPACE CENTER FL

69-70, 73-4

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5	
NO CEILING ≥ 20000	49.0	75.3	58.4	56.9	7.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IVM 18000 16000	65.3	74.1	75.1	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IVM 14000 12000	66.3	75.1	75.1	77.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IVM 10000 9000	68.9	77.6	79.4	79.6	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IVM 8000 7000	76.4	77.3	83.4	85.8	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IVM 6000 5000	76.7	87.7	89.7	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IVM 4500 4000	77.3	88.4	89.4	91.7	91.9	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IVM 3500 3000	77.6	89.4	91.7	92.6	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IVM 2500 2000	77.7	90.2	91.7	92.9	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IVM 1800 1500	78.3	90.8	94.4	95.4	96.0	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IVM 1200 1000	79.7	92.2	95.3	96.6	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVM 900 800	79.9	94.4	96.3	97.7	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVM 700 600	80.1	94.7	96.4	97.9	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM 500 400	80.1	94.7	96.4	97.9	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM 300 200	80.1	94.7	96.4	97.9	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVM 100 0	80.1	94.7	96.4	97.9	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 100

1. NAME OF REPORTING STATION
 2. AFTAC
 3. REPORTING SERVICE/PHASE

CEILING VERSUS VISIBILITY

1. STATION WINDLEY SPACE CENTER FL 2. YEAR 63-70, 73-77 3. MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4. PERIOD 1960-1977
 HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.16	≥.1	≥0
NO CEILING	77.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
18000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
16000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
14000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
12000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
10000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
9000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
8000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
7000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
6000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
5000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
4500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
4000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
3500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
3000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

WINDY SPACE CENTER FL
 57-75,75-3

STATION 1 WINDY SPACE CENTER FL STATION NAME 57-75,75-3 YEARS MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 2-18
 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	73.7	76.7	75.7	76.7	76.7	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
18000	74.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
16000	74.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
14000	75.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
12000	75.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
10000	83.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
9000	83.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
8000	84.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
7000	84.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
6000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
5000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
4500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
4000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
3500	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
3000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2500	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 920

FORM 101-64
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 67-70, 73-77 MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 1/2-17 1/2
 HOURS PER DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	42.4	41.3	42.3	42.3	42.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	69.5	72.7	72.7	72.7	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
18000	72.3	72.7	72.7	72.7	72.8	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
16000	75.1	73.0	73.0	73.0	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
14000	73.1	75.1	75.1	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
12000	76.3	80.3	80.3	80.3	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
10000	87.3	86.2	86.2	86.2	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
9000	91.4	89.2	89.2	89.2	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
8000	92.4	91.7	91.7	91.7	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
7000	92.7	91.9	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
6000	92.7	91.9	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
5000	93.6	93.7	93.7	93.7	93.7	93.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
4500	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
4000	93.9	93.6	93.6	93.6	93.6	93.6	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
3500	94.3	93.6	93.6	93.6	93.6	93.6	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
3000	94.3	94.7	95.1	95.2	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2500	95.3	96.1	96.6	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2000	95.1	95.7	96.4	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1800	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1500	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1200	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1000	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
900	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
800	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
700	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
600	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
500	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
400	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
300	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
200	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
100	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0	96.1	96.2	96.7	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS: 900

14-58700-101-101
 14-58700-101-101

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 1977, 1978 MONTH: 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 MONTHS
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.4	≥.3	≥.16	≥.1	≥0
NO CEILING	43.3	45.3	45.7	45.3	44.3	43.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	53.3	71.3	71.3	71.3	71.3	71.4	71.9	71.8	71.8	71.8	71.7	71.8	71.8	71.8	71.8	71.8
IVIV 18000	55.3	71.4	71.6	71.6	71.6	71.7	72.3	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
16000	59.3	72.1	72.3	71.2	72.2	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IVIV 14000	71.4	74.1	74.1	74.1	74.1	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
12000	73.0	74.0	74.1	73.1	73.1	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IVIV 10000	76.7	78.8	83.7	83.0	82.7	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
9000	77.7	82.6	87.7	87.0	87.0	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVIV 8000	80.0	82.6	89.0	89.0	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
7000	80.0	83.3	89.0	89.8	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVIV 6000	80.3	89.4	89.9	89.9	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
5000	81.3	89.9	90.7	90.3	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IVIV 4500	90.0	90.6	91.7	91.2	91.1	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
4000	90.0	91.4	91.9	92.1	92.3	92.4	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IVIV 3500	93.0	92.0	92.7	91.0	93.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
3000	94.1	92.3	94.0	94.3	94.6	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IVIV 2500	94.3	94.1	94.4	95.2	95.7	95.9	96.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
2000	95.1	95.4	96.4	96.9	97.4	97.6	98.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IVIV 1800	95.1	96.1	97.0	97.4	98.1	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1500	95.1	96.2	97.0	98.2	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVIV 1200	95.1	96.3	97.3	98.2	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVIV 900	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVIV 700	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVIV 500	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVIV 300	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVIV 100	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	95.1	96.9	97.9	98.3	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 970

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

YEARS: 69-70, 73-5

MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 01-01-71
 HOURS: 157

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.0
NO CEILING	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
18000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
16000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
14000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
12000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
10000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
9000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
8000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
7000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
6000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
5000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
4500	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
4000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
3500	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
3000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2500	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1800	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1500	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1200	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1000	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
900	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
800	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
700	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
600	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
500	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
400	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
300	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
200	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
100	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
0	72.0	74.2	74.4	74.6	74.6	74.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6

TOTAL NUMBER OF OBSERVATIONS: 310

UNITED STATES AIR FORCE
 AIR FORCE AERONAUTICAL CENTER
 WRIGHT-PATTERSON AIR FORCE BASE
 DAYTON, OHIO 45433-7711

CEILING VERSUS VISIBILITY

STATION: KEENEY WAGE CENTER FL YEARS: 50-77, 73-6

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	71.1	72.7	73.4	73.7	73.7	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	71.1	72.7	73.4	73.7	73.7	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
18000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
16000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
14000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
12000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
10000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
9000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
8000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
7000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
6000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
5000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
4500	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
4000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
3500	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
3000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
2500	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
2000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
1800	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
1500	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
1200	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
1000	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
900	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
800	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
700	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
600	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
500	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
400	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
300	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
200	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
100	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7
0	71.1	72.6	73.4	73.9	74.5	75.0	75.6	76.1	76.7	77.1	77.4	77.6	77.7	77.7	77.7	77.7

TOTAL NUMBER OF OBSERVATIONS: 7200

WORLD WEATHER SERVICE
 METEOROLOGICAL
 WEATHER SERVICE/MAN

CEILING VERSUS VISIBILITY

STATION: PROPERTY BRAC CENTER FL YEAR: 1971 MONTH: 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	71.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	71.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3500	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2500	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1800	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1500	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1200	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1000	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 900	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 800	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 700	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 600	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 500	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 400	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 300	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 200	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 100	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 0	72.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7

TOTAL NUMBER OF OBSERVATIONS: 429

FEDERAL BUREAU OF SURVEY
 NATIONAL CENTER FOR ENVIRONMENTAL DATA

CEILING VERSUS VISIBILITY

STATION: JENNEDY SPACE CENTER FL YEARS: 65-70, 72-73 MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	7.0	7.4	7.7	8.0	8.1	8.3	8.7	9.3	9.7	10.4	10.4	10.5	10.5	10.5	10.5	10.5
IV ≥ 20000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 18000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 16000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 14000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 12000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 10000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 9000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 8000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 7000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 6000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 5000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 4500	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 4000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 3500	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 3000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 2500	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 2000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 1800	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 1500	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 1200	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 1000	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 900	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 800	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 700	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 600	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 500	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 400	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 300	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 200	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 100	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
IV ≥ 0	7.0	7.3	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7

TOTAL NUMBER OF OBSERVATIONS: 432

UNITED STATES AIR FORCE
 AIR FORCE SERVICE/MAJ

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 67-70, 73-74 MONTH: CCY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM NO. 1-60
 HOURS TEST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	47.6	41.6	38.1	32.4	27.5	23.5	23.7	23.1	27.1	23.2	23.2	23.3	23.8	23.7	23.3	23.7
≥ 20000	53.0	66.1	65.0	57.0	67.1	67.1	67.5	67.7	67.7	68.0	68.1	68.3	68.7	68.7	65.7	66.2
18000	59.9	69.3	67.1	57.3	67.4	67.4	68.0	68.1	68.1	68.3	68.7	68.7	68.7	68.7	65.7	66.2
16000	59.9	66.5	67.2	57.4	67.5	67.5	68.3	68.4	68.4	68.5	68.6	68.6	68.6	65.7	66.1	
14000	61.1	68.8	69.7	59.5	68.6	69.5	70.3	70.4	70.4	70.5	70.6	70.6	70.6	71.1	71.1	71.2
12000	63.3	71.2	71.7	73.2	72.3	72.3	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.8	73.8	73.8
10000	64.4	73.7	74.4	74.0	74.7	74.7	75.5	75.6	75.6	75.6	75.6	75.6	75.6	76.2	76.2	76.2
9000	66.7	75.9	76.7	76.9	77.7	77.7	77.7	77.8	77.8	77.8	78.1	78.1	78.1	78.5	78.5	78.5
8000	68.5	77.5	78.3	78.5	78.6	78.6	79.4	79.5	79.5	79.7	79.7	79.7	79.7	80.1	80.1	80.1
7000	69.7	77.1	79.7	80.1	80.2	80.2	81.0	81.1	81.1	81.3	81.7	81.3	81.7	81.7	81.7	81.7
6000	71.4	81.1	81.7	82.4	82.2	82.2	82.9	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
5000	73.7	84.3	85.1	85.3	85.4	85.4	86.1	86.2	86.2	86.2	86.5	86.5	86.5	86.9	86.9	86.9
4500	75.4	86.0	87.0	87.2	87.3	87.3	88.1	88.2	88.2	88.4	88.4	88.4	88.4	88.8	88.8	88.8
4000	76.8	88.2	88.9	89.1	89.2	89.2	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.8	90.8	90.8
3500	78.5	91.4	91.4	91.4	91.5	91.5	92.3	92.4	92.4	92.6	92.6	92.6	92.6	93.0	93.0	93.1
3000	79.4	91.4	92.2	92.5	92.7	92.7	93.4	93.5	93.5	93.8	93.8	93.8	93.8	94.2	94.2	94.7
2500	79.6	91.8	92.7	92.9	93.1	93.1	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.6	94.6	94.7
2000	80.2	92.7	94.0	95.2	95.4	95.4	96.1	96.2	96.3	96.5	96.5	96.5	96.5	96.9	96.9	97.1
1800	80.5	92.7	94.7	95.3	95.5	95.5	96.2	96.3	96.3	96.7	96.7	96.7	96.7	97.1	97.1	97.1
1500	80.5	92.7	94.7	95.3	95.5	95.5	96.2	96.3	96.3	96.7	96.7	96.7	96.7	97.1	97.1	97.1
1200	80.5	94.1	95.2	95.9	96.1	96.1	96.9	97.0	97.7	97.3	97.7	97.3	97.7	97.7	97.7	97.7
1000	80.7	94.2	95.5	96.1	96.2	96.2	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.8	97.8	97.8
900	80.4	94.2	95.3	96.1	96.2	96.2	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.8	97.8	97.8
800	80.4	94.3	95.4	96.1	96.5	96.5	97.2	97.3	97.3	97.7	97.7	97.7	97.7	98.2	98.2	98.2
700	80.4	94.3	95.4	96.1	96.5	96.5	97.2	97.3	97.3	97.7	97.7	97.7	97.7	98.2	98.2	98.2
600	80.3	94.5	95.4	96.2	96.7	96.7	97.4	97.5	97.5	98.0	98.0	98.0	98.0	98.4	98.4	98.4
500	80.3	94.7	95.4	96.6	96.9	96.9	97.7	97.8	97.8	98.3	98.3	98.3	98.3	98.7	98.7	98.7
400	80.3	94.7	95.4	96.8	97.1	97.1	97.7	97.8	97.8	98.3	98.3	98.3	98.3	98.7	98.7	98.7
300	80.3	94.7	96.1	96.9	97.2	97.2	98.1	98.5	98.5	99.0	99.1	99.1	99.1	99.6	99.6	99.6
200	80.3	94.7	96.7	96.9	97.2	97.2	98.2	98.6	98.6	99.1	99.1	99.1	99.1	99.3	99.3	99.3
100	80.3	94.7	96.7	96.9	97.2	97.2	98.2	98.6	98.6	99.1	99.1	99.1	99.1	99.3	99.3	99.3
0	80.3	94.7	96.7	96.9	97.2	97.2	98.2	98.6	98.6	99.1	99.1	99.1	99.1	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 330

UNITED STATES AIR FORCE
 AIR FORCE
 AIR FORCE

CEILING VERSUS VISIBILITY

STATION NAME: WANNABY PACO CENTER FL DATE: 1-7, 73 YEARS: 1 MONTH: 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	57.7	71.1	57.0	57.0	73.6	73.6	58.8	62.0	57.0	58.1	57.7	56.7	56.7	52.6	52.0	56.7	56.7
≥ 20000	52.0	58.6	56.0	56.0	59.6	59.6	56.8	56.8	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IVM 18000	52.0	58.6	56.0	56.0	59.6	59.6	56.8	56.8	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
16000	57.0	67.5	67.0	67.0	67.5	67.5	67.5	67.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IVM 14000	65.3	64.6	57.0	64.6	69.6	69.6	69.6	69.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
12000	63.0	72.0	73.0	73.0	72.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IVM 10000	77.7	75.6	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
9000	72.0	77.1	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IVM 8000	74.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
7000	75.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IVM 6000	77.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
5000	79.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IVM 4500	81.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
4000	83.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IVM 3500	84.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
3000	85.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IVM 2500	85.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
2000	87.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IVM 1800	87.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1500	87.5	96.9	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IVM 1200	87.9	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1000	87.9	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IVM 900	88.3	97.9	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
800	88.3	97.9	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IVM 700	88.3	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	88.3	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IVM 500	88.3	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
400	88.3	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 300	88.3	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
200	88.3	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IVM 100	88.3	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0	88.3	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 929

USAF ETAC
 FORM 7-64
 0-14-5 (OL A)

CEILING VERSUS VISIBILITY

STATION: 1 STATION NAME: KENNEDY SPACE CENTER FL YEARS: 69-70, 73-81 MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 0-1466
 HOURS EST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 20000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 16000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 14000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 12000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 9000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 8000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 7000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 6000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 5000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 4500	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 4000	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 3500	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 3000	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 2500	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 2000	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 1800	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 1500	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 1200	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 1000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 900	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 800	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 700	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 600	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 500	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 400	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 300	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 200	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 100	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2

TOTAL NUMBER OF OBSERVATIONS 93

CEILING VERSUS VISIBILITY

UNITED STATES AIR FORCE
 1954
 REPORT - SERVICE USE

STATION: KENNEDY FIELD, CLEVELAND, OHIO YEARS: 67-77, 73-77 MONTH: 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 MONTHS
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1
NO CEILING	45.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	62.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 18000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 16000	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 14000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 12000	67.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 10000	71.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1
IV 9000	73.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 8000	76.8	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
IV 7000	76.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 6000	75.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 5000	77.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
IV 4500	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 4000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3500	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1800	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 100	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 931

FEDERAL BUREAU OF SURVEY
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

STATION: WANDLEY SPACE CENTER FL
 STATION NAME:

69-70,73-8

YEARS:

201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	51.1	43.3	53.3	53.5	51.8	53.3	53.2	53.3	57.7	53.3	57.4	53.3	53.3	53.3	53.3	53.3	53.3
IV 20000	55.4	58.6	68.6	68.6	63.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 18000	55.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 16000	65.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 14000	66.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 12000	69.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 10000	71.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	73.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 8000	75.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 7000	76.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 6000	73.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 5000	85.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4500	87.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4000	83.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3500	85.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3000	86.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	87.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	87.7	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	88.1	97.7	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	88.1	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	89.3	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	89.3	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	88.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 928

JOINT MILITARY CLIMATOLOGY RESEARCH
 CENTER
 WRIGHT PATTENSON AIR FORCE MATERIAL CENTER

CEILING VERSUS VISIBILITY

STATION: WANNLEY SPACE CENTER FL
 STATION NAME

67-73-8
 YEARS

12
 MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
 HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	57.4	58.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	57.4	58.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IVM 18000	67.4	68.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IVM 16000	67.4	68.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IVM 14000	71.4	72.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVM 12000	71.4	72.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVM 10000	74.4	75.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IVM 9000	74.4	75.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IVM 8000	77.4	78.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IVM 7000	77.4	78.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IVM 6000	82.4	83.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IVM 5000	84.4	85.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IVM 4500	85.4	86.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IVM 4000	87.4	88.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVM 3500	88.4	89.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IVM 3000	88.4	89.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IVM 2500	91.4	92.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IVM 2000	91.4	92.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IVM 1800	92.4	93.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVM 1500	92.4	93.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVM 1200	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 1000	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 900	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 800	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 700	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 600	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 500	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 400	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 300	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 200	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 100	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 0	94.4	95.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4

TOTAL NUMBER OF OBSERVATIONS 125

FEDERAL BUREAU OF SURVEY
 U.S. AIR FORCE
 WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

1953 KENNEDY SPACE CENTER FL

69-70, 73-80

1 OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.0
NO CEILING	51.2	74.4	54.7	34.0	34.6	34.6	34.7	34.6	34.7	34.6	34.7	34.6	34.7	34.6	34.7	34.6
IV 20000	64.4	63.5	62.6	63.7	64.7	63.7	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
IV 18000	65.3	68.5	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 16000	65.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 14000	67.1	71.2	71.4	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 12000	69.7	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 10000	72.3	76.5	76.6	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	74.3	78.7	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 8000	76.5	81.3	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 7000	77.4	82.4	82.5	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 6000	79.0	84.3	84.4	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 5000	81.1	86.7	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4500	82.6	88.7	88.8	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 4000	84.5	91.1	91.2	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3500	85.9	92.7	92.8	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	87.0	93.9	94.0	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	87.6	94.8	94.9	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	88.3	95.5	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	88.7	97.0	97.1	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	88.9	97.3	97.4	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	89.1	97.6	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	89.1	97.7	97.8	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	89.1	97.7	97.8	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	89.1	97.8	97.9	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	89.2	97.9	98.0	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	89.2	97.9	98.0	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	89.3	98.0	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	89.3	98.0	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	89.3	98.0	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 200	89.3	98.0	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100	89.3	98.0	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 0	89.3	98.0	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 7435

U.S. AIR FORCE
 AIR FORCE METEOROLOGICAL SERVICE
 WASHINGTON, D.C. 20330

CEILING VERSUS VISIBILITY

STATION: ANNEDY SPACE CENTER FL YEARS: 69-70, 73-81 MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5	≥ 1/8	≥ .	≥ 0	
NO CEILING	14.3	58.6	59.2	59.1	59.4	59.4	59.7	59.7	59.7	60.1	60.0	60.0	60.2	60.2	60.2	
≥ 20000	62.8	67.6	68.1	68.2	68.6	68.6	68.9	68.8	68.9	69.2	69.2	69.2	69.7	69.7	69.7	
IVM 18000	62.8	67.6	68.1	68.2	68.6	68.6	68.9	68.8	68.9	69.2	69.2	69.2	69.7	69.7	69.7	
IVM 16000	62.8	67.6	68.1	68.2	68.6	68.6	68.9	68.8	68.9	69.2	69.2	69.2	69.7	69.7	69.7	
IVM 14000	63.4	68.4	68.9	69.2	69.6	69.6	69.9	69.8	69.8	70.2	70.2	70.2	70.7	70.7	70.7	
IVM 12000	64.0	70.3	70.8	71.1	71.4	71.4	71.7	71.7	71.7	72.1	72.1	72.1	72.6	72.6	72.6	
IVM 10000	67.1	72.9	73.4	73.8	74.1	74.1	74.3	74.3	74.3	74.8	74.8	74.8	75.2	75.2	75.2	
IVM 9000	70.2	76.3	77.3	77.2	77.6	77.6	77.8	77.8	77.8	78.2	78.2	78.2	78.7	78.7	78.7	
IVM 8000	71.7	77.8	78.9	79.0	79.3	79.3	79.6	79.6	79.6	80.0	80.0	80.0	80.4	80.4	80.4	
IVM 7000	72.3	78.3	79.4	79.6	79.9	79.9	80.1	80.1	80.1	80.6	80.6	80.6	81.0	81.0	81.0	
IVM 6000	73.4	79.9	81.0	81.1	81.4	81.4	81.7	81.7	81.7	82.1	82.1	82.1	82.6	82.6	82.6	
IVM 5000	75.4	81.0	83.1	83.2	83.6	83.6	83.8	83.8	83.8	84.2	84.2	84.2	84.7	84.7	84.7	
IVM 4500	77.4	84.2	85.3	85.7	86.7	86.7	86.9	86.9	86.9	87.3	87.3	87.3	87.7	87.7	87.7	
IVM 4000	78.6	85.1	87.3	87.6	87.9	87.9	88.1	88.1	88.1	88.5	88.5	88.5	89.0	89.0	89.0	
IVM 3500	80.7	88.9	91.1	91.3	91.7	91.7	91.9	91.9	91.9	92.3	92.3	92.3	92.8	92.8	92.8	
IVM 3000	81.9	90.6	91.7	92.1	92.3	92.3	92.6	92.6	92.6	93.0	93.0	93.0	93.4	93.4	93.4	
IVM 2500	82.8	91.6	92.9	93.2	93.6	93.6	93.8	93.8	93.8	94.2	94.2	94.2	94.7	94.7	94.7	
IVM 2000	83.4	93.0	94.3	94.7	95.0	95.0	95.2	95.2	95.2	95.6	95.6	95.6	96.1	96.1	96.1	
IVM 1800	83.8	93.2	94.4	94.9	95.2	95.2	95.4	95.4	95.4	95.9	95.9	95.9	96.3	96.3	96.3	
IVM 1500	83.9	93.7	95.0	95.5	95.7	95.7	95.9	95.9	95.9	96.3	96.3	96.3	96.8	96.8	96.8	
IVM 1200	84.1	94.4	95.7	96.1	96.4	96.4	96.7	96.7	96.7	97.1	97.1	97.1	97.6	97.6	97.6	
IVM 1000	84.1	94.4	95.7	96.1	96.4	96.4	96.7	96.7	96.7	97.1	97.1	97.1	97.6	97.6	97.6	
IVM 900	84.3	95.2	96.5	96.9	97.2	97.2	97.4	97.4	97.4	97.8	97.8	97.8	98.3	98.3	98.3	
IVM 800	84.3	95.4	96.7	97.1	97.4	97.4	97.7	97.7	97.7	98.1	98.1	98.1	98.6	98.6	98.6	
IVM 700	84.4	95.8	97.1	97.4	97.8	97.8	98.0	98.0	98.0	98.4	98.4	98.4	98.9	98.9	98.9	
IVM 600	84.4	95.9	97.3	97.6	97.9	97.9	98.1	98.1	98.1	98.5	98.5	98.5	99.0	99.0	99.0	
IVM 500	84.7	96.1	97.4	97.8	98.1	98.1	98.3	98.3	98.3	98.8	98.8	98.8	99.2	99.2	99.2	
IVM 400	84.7	96.2	97.6	97.9	98.3	98.3	98.5	98.5	98.5	99.0	99.0	99.0	99.4	99.4	99.4	
IVM 300	84.7	96.2	97.6	98.0	98.3	98.3	98.5	98.5	98.5	99.0	99.0	99.0	99.4	99.4	99.4	
IVM 200	84.7	96.2	97.6	98.0	98.3	98.3	98.5	98.5	98.5	99.0	99.0	99.0	99.4	99.4	99.4	
IVM 100	84.7	96.2	97.6	98.0	98.3	98.3	98.5	98.5	98.5	99.0	99.0	99.0	99.4	99.4	99.4	
IVM 0	84.7	96.2	97.6	98.0	98.3	98.3	98.5	98.5	98.5	99.0	99.0	99.0	99.4	99.4	99.4	

TOTAL NUMBER OF OBSERVATIONS: 900

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 67-70, 73-74 MONTH: NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 00-13 00
 HOURS 157

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0	
NO CEILING	63.4	58.8	59.8	59.8	59.6	59.6	60.1	60.2	60.2	60.4	60.4	60.4	61.4	61.1	61.1	61.2	61.1
≥20000	62.7	58.1	58.9	58.9	59.1	59.1	59.7	59.8	59.8	60.1	60.1	60.1	61.1	60.7	60.7	61.2	61.7
≥18000	62.3	58.1	58.7	58.9	59.1	59.1	59.7	59.8	59.8	60.1	60.1	60.1	61.1	60.7	60.7	61.2	61.7
≥16000	62.3	58.3	58.5	59.2	59.4	59.4	60.0	60.1	60.1	60.4	60.4	60.4	61.4	61.2	61.2	61.6	62.7
≥14000	62.7	58.7	59.4	59.6	59.8	59.8	60.3	60.4	60.4	60.8	60.8	60.8	61.8	61.3	61.3	61.8	62.3
≥12000	64.3	70.1	70.3	71.0	71.2	71.2	71.8	71.9	71.9	72.2	72.2	72.2	72.8	72.8	72.8	73.3	73.3
≥10000	66.7	73.3	73.7	74.4	74.7	74.7	75.2	75.3	75.3	75.7	75.7	75.7	75.7	76.2	76.2	76.8	77.0
≥9000	68.1	75.1	75.4	76.2	76.4	76.4	77.0	77.1	77.1	77.4	77.4	77.4	77.4	78.0	78.0	78.6	79.1
≥8000	69.4	75.7	77.1	77.8	78.0	78.0	78.6	78.7	78.7	79.1	79.1	79.1	79.1	79.6	79.6	80.1	80.6
≥7000	69.8	77.0	77.3	78.1	78.3	78.3	78.9	79.0	79.0	79.3	79.3	79.3	79.3	79.9	79.9	80.4	80.9
≥6000	70.8	78.2	77.8	79.0	79.6	79.6	80.1	80.2	80.2	80.6	80.6	80.6	80.6	81.1	81.1	81.7	82.1
≥5000	71.7	81.3	81.7	81.4	81.7	81.7	82.2	82.3	82.3	82.7	82.7	82.7	82.7	83.2	83.2	83.8	84.3
≥4500	73.1	81.8	82.1	82.9	83.1	83.1	83.7	83.8	83.8	84.1	84.1	84.1	84.1	84.7	84.7	85.2	85.7
≥4000	75.3	84.0	84.9	85.7	85.9	85.9	86.4	86.5	86.5	86.9	86.9	86.9	86.9	87.4	87.4	88.0	88.5
≥3500	77.1	87.0	87.4	88.2	88.6	88.6	89.1	89.2	89.2	89.6	89.6	89.6	89.6	90.1	90.1	90.7	91.1
≥3000	77.7	88.0	88.4	89.2	89.6	89.6	90.1	90.2	90.2	90.6	90.6	90.6	90.6	91.1	91.1	91.7	92.1
≥2500	78.2	88.7	89.1	90.0	90.3	90.3	90.9	91.0	91.0	91.3	91.3	91.3	91.3	91.9	91.9	92.4	92.9
≥2000	79.8	91.4	92.1	92.9	93.2	93.2	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.8	94.8	95.3	95.8
≥1800	79.9	91.0	92.1	93.0	93.3	93.3	93.9	94.0	94.0	94.3	94.3	94.3	94.3	94.9	94.9	95.4	95.9
≥1500	81.1	92.1	92.7	93.6	93.9	93.9	94.4	94.6	94.6	94.9	94.9	94.9	94.9	95.4	95.4	96.0	96.4
≥1200	82.3	92.7	93.2	94.1	94.4	94.4	95.0	95.1	95.1	95.4	95.4	95.4	95.4	96.0	96.0	96.5	97.0
≥1000	82.3	92.9	93.4	94.3	94.7	94.7	95.2	95.3	95.3	95.6	95.6	95.6	95.6	96.3	96.3	96.9	97.3
≥900	82.3	93.1	93.6	94.4	94.8	94.8	95.3	95.4	95.4	95.7	95.7	95.7	95.7	96.1	96.1	96.7	97.1
≥800	82.3	93.1	93.6	94.4	94.8	94.8	95.3	95.4	95.4	95.7	95.7	95.7	95.7	96.1	96.1	96.7	97.1
≥700	82.4	93.9	94.7	95.5	95.9	95.9	96.4	96.6	96.6	97.0	97.0	97.0	97.0	97.6	97.6	98.1	98.6
≥600	82.4	93.9	94.7	95.5	95.9	95.9	96.4	96.6	96.6	97.0	97.0	97.0	97.0	97.6	97.6	98.1	98.6
≥500	82.4	94.2	95.1	95.9	96.2	96.2	96.8	96.9	96.9	97.3	97.3	97.3	97.3	97.9	97.9	98.4	98.9
≥400	82.3	94.4	95.3	96.2	96.9	96.9	97.4	97.6	97.6	98.0	98.0	98.0	98.0	98.6	98.6	99.1	99.6
≥300	82.3	94.4	95.4	96.6	97.2	97.2	97.8	97.9	97.9	98.3	98.3	98.3	98.3	98.9	98.9	99.4	99.9
≥200	82.3	94.4	95.4	96.6	97.2	97.2	97.8	97.9	97.9	98.4	98.4	98.4	98.4	99.0	99.0	99.5	100.0
≥100	82.3	94.4	95.4	96.6	97.2	97.2	97.8	97.9	97.9	98.4	98.4	98.4	98.4	99.0	99.0	99.5	100.0
≥0	82.3	94.4	95.4	96.6	97.2	97.2	97.8	97.9	97.9	98.4	98.4	98.4	98.4	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

STATION NAME
 STATION NUMBER
 COUNTY

CEILING VERSUS VISIBILITY

STATION NAME: WAGNER AIRPORT CENTER FL YEARS: 67-70, 73-8 MONTH: NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE
 HOURS PER YEAR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	48.1	51.4	51.1	52.4	51.1	53.1	53.4	53.6	53.1	54.3	54.7	54.0	54.7	54.7	55.6	55.0
≥ 20000	4.1	52.7	63.1	54.1	64.9	54.9	68.2	65.4	65.4	66.7	66.7	66.2	66.7	66.7	67.1	67.9
IV 18000	14.3	62.9	63.1	54.3	65.1	45.1	65.4	65.7	65.7	66.2	66.2	66.2	66.9	66.9	67.3	68.1
IV 16000	14.3	63.3	64.3	65.3	66.1	66.1	66.4	66.7	66.7	67.2	67.2	67.2	67.9	67.9	68.3	69.1
IV 14000	15.3	64.7	65.1	66.2	67.1	67.1	67.3	67.5	67.6	68.1	68.1	68.1	68.6	68.6	69.2	70.1
IV 12000	7.4	67.4	67.9	68.8	69.7	69.7	70.1	70.3	70.7	70.9	70.9	70.9	71.6	71.6	72.2	72.9
IV 10000	29.3	69.3	70.1	71.2	72.1	72.1	72.6	72.9	73.1	73.3	73.3	73.3	74.0	74.0	74.4	75.2
IV 9000	29.7	70.9	71.0	72.0	73.4	73.4	73.9	74.1	74.1	74.7	74.7	74.7	75.3	75.3	75.8	76.6
IV 8000	22.7	72.3	73.1	74.3	74.9	74.9	75.4	75.8	75.8	76.3	76.3	76.3	77.0	77.0	77.4	78.2
IV 7000	12.1	74.3	74.3	75.7	76.6	76.6	77.1	77.4	77.4	78.0	78.0	78.0	78.7	78.7	79.1	79.9
IV 6000	14.1	76.2	76.3	77.9	78.9	78.9	79.3	79.7	79.7	80.2	80.2	80.2	80.9	80.9	81.3	82.1
IV 5000	15.6	76.1	76.1	79.8	80.7	80.7	81.2	81.6	81.6	82.1	82.1	82.1	82.8	82.8	83.2	84.0
IV 4500	16.7	79.4	81.1	81.2	82.1	82.1	82.7	83.0	83.1	83.6	83.6	83.6	84.2	84.2	84.7	85.4
IV 4000	16.7	80.1	82.5	82.9	84.8	84.8	85.4	85.8	85.8	86.3	86.3	86.3	87.0	87.0	87.4	88.1
IV 3500	71.1	85.1	85.1	86.9	87.8	87.8	88.4	88.8	88.8	89.3	89.3	89.3	90.0	90.0	90.4	91.1
IV 3000	71.1	85.7	86.8	87.9	88.9	88.9	89.4	89.8	89.8	90.3	90.3	90.3	91.0	91.0	91.4	92.1
IV 2500	71.1	86.0	87.3	88.6	89.4	89.4	90.1	90.4	90.4	91.0	91.0	91.0	91.7	91.7	92.1	92.9
IV 2000	71.7	87.8	88.7	89.8	90.7	90.7	91.3	91.7	91.7	92.2	92.2	92.2	92.9	92.9	93.3	94.1
IV 1800	71.3	88.3	89.2	90.4	90.9	90.9	91.6	91.9	91.9	92.4	92.4	92.4	93.1	93.1	93.5	94.3
IV 1500	72.3	88.3	89.4	90.3	91.2	91.2	91.9	92.2	92.2	92.8	92.8	92.8	93.4	93.4	93.9	94.7
IV 1200	72.3	89.1	89.9	91.0	91.9	91.9	92.6	92.9	92.9	93.4	93.4	93.4	94.1	94.1	94.6	95.3
IV 1000	72.9	89.4	90.7	91.4	92.3	92.3	93.1	93.4	93.4	94.1	94.1	94.1	94.8	94.8	95.2	96.0
IV 900	72.3	90.1	91.1	92.2	93.2	93.2	94.0	94.3	94.3	95.0	95.0	95.0	95.7	95.7	96.1	96.9
IV 800	72.3	90.9	91.7	92.9	93.8	93.8	94.6	94.9	94.9	95.6	95.6	95.6	96.2	96.2	96.7	97.4
IV 700	72.9	91.1	91.9	93.1	94.3	94.3	94.8	95.1	95.1	95.8	95.8	95.8	96.4	96.4	96.9	97.7
IV 600	72.3	91.0	92.1	93.2	94.1	94.1	94.9	95.2	95.2	95.9	95.9	95.9	96.6	96.6	97.2	97.8
IV 500	73.1	91.3	92.3	93.6	94.4	94.4	95.2	95.6	95.6	96.2	96.2	96.2	96.9	96.9	97.4	98.1
IV 400	73.3	91.3	92.3	93.6	94.6	94.6	95.4	95.9	95.9	96.6	96.6	96.6	97.4	97.4	98.0	98.8
IV 300	73.1	91.3	92.3	93.6	94.7	94.7	95.6	96.0	96.0	96.9	96.9	96.9	97.7	97.7	98.3	99.1
IV 200	73.0	91.4	92.4	93.7	94.8	94.8	95.8	96.2	96.2	97.3	97.3	97.3	98.4	98.4	99.1	99.9
IV 100	73.1	91.4	92.4	93.7	94.8	94.8	95.8	96.2	96.2	97.3	97.3	97.3	98.4	98.4	99.1	99.9
IV 0	73.1	91.4	92.4	93.7	94.8	94.8	95.8	96.2	96.2	97.3	97.3	97.3	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 912

U.S. AIR FORCE
 FEDERAL AVIATION
 ADMINISTRATION SERVICE/FAA

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

DATE: 7-73-51

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1951-1951
 HOURS: 7,300

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.4	≥.2	≥.16	≥.1	
NO CEILING	47.7	51.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	64.7	64.2	64.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
18000	64.7	64.2	64.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
16000	64.7	64.2	64.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
14000	64.7	64.2	64.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
12000	64.7	64.2	64.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
10000	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
9000	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
8000	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
7000	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
6000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
5000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
4500	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
4000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
3500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
3000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
2500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
2000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
1800	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1200	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
900	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
800	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
700	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
600	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
500	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
400	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
300	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 900

CEILING VERSUS VISIBILITY

UNITED STATES AIR FORCE
 AIR FORCE SERVICE/MAJ

STATION: ANNEX SPACE CENTER FL YEARS: 67-70, 72-73 MONTH: NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-1971
 HOURS: 157

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.16	≥.1	≥0
NO CEILING	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	67.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 18000	67.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 16000	67.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 14000	69.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 12000	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 10000	72.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 9000	72.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 8000	75.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 7000	77.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 6000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 5000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 4500	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 157

ALPHABETICALLY BY STATION
 NAME
 AIR WEATHER SERVICE/FAO

CEILING VERSUS VISIBILITY

STATION: WANNEDY BRACON CENTER FL

PERIOD: 69-70, 73-77

YEARS

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.00-17.00
 HOURS PER DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	48.4	48.7	48.9	49.9	48.9	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000	67.1	63.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IVM 18000	67.1	67.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IVM 16000	67.1	67.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IVM 14000	67.1	67.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IVM 12000	67.1	67.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IVM 10000	67.1	67.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVM 9000	67.1	67.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IVM 8000	67.1	67.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IVM 7000	67.1	67.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IVM 6000	67.1	67.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IVM 5000	67.1	67.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IVM 4500	67.1	67.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IVM 4000	67.1	67.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IVM 3500	67.1	67.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IVM 3000	67.1	67.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IVM 2500	67.1	67.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IVM 2000	67.1	67.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IVM 1800	67.1	67.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVM 1500	67.1	67.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVM 1200	67.1	67.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IVM 1000	67.1	67.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVM 900	67.1	67.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IVM 800	67.1	67.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVM 700	67.1	67.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 600	67.1	67.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 500	67.1	67.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 400	67.1	67.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 300	67.1	67.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 200	67.1	67.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 100	67.1	67.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVM 0	67.1	67.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 500

DEPARTMENT OF AERONAUTICS
 FEDERAL AVIATION ADMINISTRATION
 WASHINGTON, D. C. 20515

CEILING VERSUS VISIBILITY

STATION: RECOVERY SPACE CENTER FL

STATION NAME: 64-70,73-61

YEARS: _____

MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD OF OBSERVATION: _____
 HOURS: _____

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .15
NO CEILING	51.7	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 20000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 18000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 16000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 14000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 12000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 10000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 8000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 7000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 6000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 5000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 3000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 2500	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 2000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 894

U.S. AIR FORCE METEOROLOGICAL BRANCH
 USAF ETAC
 METEOROLOGICAL SERVICE/44C

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL

69-70, 73-8

YEARS

NO. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6178-2500
 HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0	
NO CEILING	68.3	68.1	68.4	68.9	68.9	69.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.3	69.7	69.7
IV 20000	68.7	68.6	69.7	69.5	69.5	69.8	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
IV 18000	68.3	68.6	69.7	69.5	69.5	69.8	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
IV 16000	68.1	69.3	69.7	69.7	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
IV 14000	68.4	69.1	69.7	70.1	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
IV 12000	67.4	70.5	71.1	71.3	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
IV 10000	70.6	74.1	74.7	75.1	75.0	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
IV 9000	73.0	77.4	78.7	79.2	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6
IV 8000	74.3	79.0	79.7	79.9	79.9	79.9	80.3	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 7000	76.3	81.8	81.7	81.7	81.7	81.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1
IV 6000	77.6	82.5	83.7	83.4	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
IV 5000	79.8	83.9	84.6	84.8	84.9	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
IV 4500	80.3	85.4	85.3	85.3	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
IV 4000	82.5	88.1	88.7	89.1	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 3500	84.1	90.7	91.1	91.9	91.9	91.9	91.7	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
IV 3000	85.3	92.3	93.1	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
IV 2500	86.3	93.4	94.3	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
IV 2000	87.3	94.9	95.7	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
IV 1800	87.7	95.3	96.2	96.4	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
IV 1500	87.5	95.3	96.0	96.4	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
IV 1200	87.7	95.9	96.7	96.9	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
IV 1000	88.1	96.3	97.2	97.4	97.4	97.4	97.7	97.8	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9
IV 900	88.1	96.8	97.7	97.9	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 800	88.2	97.3	98.3	98.4	98.4	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
IV 700	88.3	97.8	98.7	98.9	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 600	88.2	97.9	98.5	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
IV 500	88.3	98.1	99.1	99.2	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 400	88.3	98.1	99.1	99.2	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 300	88.3	98.1	99.1	99.3	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	88.3	98.1	99.1	99.3	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 100	88.3	98.1	99.1	99.3	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 0	88.3	98.1	99.1	99.3	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 897

U.S. AIR FORCE
 FEDERAL AVIATION
 ADMINISTRATION

CEILING VERSUS VISIBILITY

STATION NAME WANNLEY SPACE CENTER FL

YEARS 67-71, 73-5

NO. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE
 (PER HOUR)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	53.7	53.7	54.1	54.3	54.4	54.4	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	53.3	57.0	67.7	67.6	67.8	67.8	67.9	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2
IV 18000	53.3	67.1	67.4	67.7	67.9	67.9	67.9	67.9	68.1	68.1	68.3	68.3	68.3	68.5	68.5	68.6
IV 16000	53.4	67.6	67.7	67.8	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.5	68.5	68.6
IV 14000	54.1	67.3	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.5	68.5	68.6
IV 12000	55.3	71.5	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000	55.3	73.7	74.1	74.4	74.6	74.6	74.6	74.6	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.6
IV 9000	70.1	75.6	76.1	76.4	76.6	76.6	76.6	76.9	76.9	77.1	77.1	77.1	77.3	77.3	77.4	77.6
IV 8000	71.3	77.7	78.2	78.6	78.8	78.8	79.3	79.7	79.1	79.1	79.2	79.2	79.2	79.5	79.5	79.8
IV 7000	73.1	79.3	79.8	80.1	80.4	80.4	80.6	80.6	80.6	80.8	80.8	80.8	80.8	81.1	81.1	81.3
IV 6000	74.9	81.4	81.9	82.3	82.5	82.5	82.6	82.7	82.8	82.8	82.8	83.1	83.1	83.2	83.2	83.5
IV 5000	76.7	83.4	84.1	84.3	84.6	84.6	84.8	84.9	84.9	85.1	85.1	85.1	85.3	85.3	85.4	85.6
IV 4500	78.1	85.2	85.9	86.1	86.4	86.4	86.6	86.7	86.7	86.9	86.9	86.9	86.9	87.1	87.1	87.4
IV 4000	79.7	87.3	87.9	88.2	88.5	88.5	88.8	88.9	88.9	89.1	89.1	89.1	89.3	89.3	89.5	89.6
IV 3500	81.3	89.5	90.1	90.5	90.8	90.8	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.6	91.6	91.9
IV 3000	82.2	91.3	91.4	91.8	92.1	92.1	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.9	92.9	93.2
IV 2500	82.9	92.1	92.7	93.1	93.4	93.4	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.2	94.2	94.5
IV 2000	83.2	93.6	94.4	94.8	95.1	95.2	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.9	95.9	96.2
IV 1800	83.9	93.5	94.6	95.1	95.4	95.4	95.7	95.7	95.7	95.9	95.9	95.9	95.9	96.2	96.2	96.5
IV 1500	84.5	94.0	94.6	95.2	95.6	95.6	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.4	96.4	96.7
IV 1200	84.9	94.6	95.5	95.9	96.3	96.3	96.6	96.7	96.7	96.9	96.9	96.9	96.9	97.1	97.1	97.4
IV 1000	84.9	94.8	95.6	96.1	96.5	96.5	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.4	97.4	97.7
IV 900	84.9	95.3	96.1	96.6	97.0	97.0	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.9	97.9	98.2
IV 800	84.9	95.5	96.4	96.9	97.2	97.2	97.6	97.7	97.7	97.9	97.9	97.9	97.9	98.2	98.2	98.5
IV 700	84.9	95.8	96.7	97.2	97.6	97.6	97.9	98.0	98.0	98.3	98.3	98.3	98.3	98.5	98.5	98.8
IV 600	84.9	95.9	96.9	97.3	97.8	97.8	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.8	98.8	99.1
IV 500	84.9	96.1	97.1	97.7	98.1	98.1	98.5	98.5	98.5	98.8	98.8	98.8	98.8	99.1	99.1	99.4
IV 400	84.9	96.3	97.3	97.7	98.2	98.2	98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.3	99.3	99.6
IV 300	84.9	96.2	97.3	97.9	98.4	98.4	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.5	99.5	99.9
IV 200	84.9	96.2	97.3	97.9	98.4	98.4	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.6	99.6	100.0
IV 100	84.9	96.2	97.3	97.9	98.4	98.4	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.6	99.6	100.0
IV 0	84.9	96.2	97.3	97.9	98.4	98.4	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7195

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: JOHN F. KENNEDY SPACE CENTER FL

PERIOD: 05-75, 73-79

MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: DEC
 HOURS: 151

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	55.1	59.1	59.0	61.2	67.6	60.0	51.1	41.1	41.1	41.0	51.0	52.0	52.0	53.4	52.8
≥ 20000	62.1	65.6	66.0	66.8	67.1	67.1	67.5	67.5	67.5	68.3	68.4	68.4	68.5	68.8	69.2
≥ 18000	62.4	65.9	66.1	67.1	67.4	67.4	67.8	67.8	67.8	68.6	68.7	68.7	68.8	69.1	69.6
≥ 16000	62.5	66.1	66.5	67.2	67.5	67.5	68.1	68.1	68.1	68.7	68.9	68.9	69.2	69.2	69.7
≥ 14000	63.1	66.6	67.0	67.7	68.1	68.1	68.5	68.5	68.5	69.2	69.4	69.4	69.5	69.8	70.2
≥ 12000	64.7	68.3	68.7	69.6	69.9	69.9	70.4	70.4	70.4	71.3	71.4	71.4	71.5	71.8	72.3
≥ 10000	67.4	71.1	71.5	72.4	72.7	72.7	73.2	73.2	73.2	74.1	74.2	74.2	74.3	74.6	75.1
≥ 9000	70.0	74.3	74.7	75.6	75.9	75.9	76.5	76.5	76.5	77.3	77.4	77.4	77.5	77.8	78.3
≥ 8000	72.3	77.0	77.4	78.3	78.6	78.6	79.1	79.1	79.1	80.0	80.1	80.1	80.2	80.5	81.0
≥ 7000	72.6	77.3	77.7	78.6	78.9	78.9	79.5	79.5	79.5	80.3	80.4	80.4	80.5	80.9	81.2
≥ 6000	74.3	78.9	79.4	80.2	80.5	80.5	81.1	81.1	81.1	81.9	82.0	82.0	82.2	82.5	82.9
≥ 5000	75.7	80.5	81.0	81.8	82.2	82.2	82.7	82.7	82.7	83.5	83.7	83.7	83.8	84.1	84.5
≥ 4500	77.1	82.0	82.5	83.3	83.7	83.7	84.1	84.2	84.3	85.1	85.2	85.2	85.3	85.6	86.0
≥ 4000	78.3	84.0	84.4	85.3	85.6	85.6	86.1	86.2	86.1	87.0	87.1	87.1	87.2	87.5	88.0
≥ 3500	80.3	86.5	86.9	87.7	88.1	88.1	88.6	88.6	88.6	89.5	89.6	89.6	89.7	90.0	90.4
≥ 3000	81.5	87.7	88.2	89.1	89.4	89.4	89.9	89.9	89.9	90.8	90.9	90.9	91.0	91.3	91.7
≥ 2500	82.6	88.9	89.4	90.2	90.5	90.5	91.1	91.1	91.1	91.9	92.0	92.0	92.2	92.5	92.9
≥ 2000	83.7	91.0	91.4	92.3	92.6	92.6	93.1	93.1	93.1	94.0	94.1	94.1	94.2	94.5	94.9
≥ 1800	84.0	91.1	91.5	92.4	92.7	92.7	93.2	93.2	93.2	94.1	94.2	94.2	94.3	94.6	95.1
≥ 1500	84.4	92.2	92.6	93.5	94.1	94.1	94.6	94.6	94.6	95.5	95.6	95.6	95.7	96.0	96.5
≥ 1200	84.4	92.3	92.7	94.2	94.5	94.5	95.1	95.1	95.1	95.9	96.0	96.0	96.1	96.5	96.9
≥ 1000	84.5	92.4	92.8	94.6	94.9	94.9	95.5	95.5	95.5	96.3	96.4	96.4	96.5	96.9	97.3
≥ 900	84.5	92.5	92.9	94.8	95.2	95.2	95.7	95.7	95.7	96.6	96.7	96.7	96.8	97.1	97.5
≥ 800	84.5	92.5	92.9	94.8	95.2	95.2	95.7	95.7	95.7	96.6	96.7	96.7	96.8	97.1	97.5
≥ 700	84.6	92.6	93.0	95.1	95.4	95.4	95.9	95.9	95.9	96.8	96.9	96.9	97.0	97.3	97.7
≥ 600	84.6	92.6	93.0	95.1	95.4	95.4	95.9	95.9	95.9	96.8	96.9	96.9	97.0	97.3	97.7
≥ 500	84.7	92.7	93.1	95.3	95.6	95.6	96.1	96.1	96.1	97.0	97.1	97.1	97.2	97.5	98.0
≥ 400	84.7	92.7	93.1	95.3	95.6	95.6	96.1	96.1	96.1	97.0	97.1	97.1	97.2	97.5	98.0
≥ 300	84.7	92.7	93.1	95.3	95.6	95.6	96.1	96.1	96.1	97.0	97.1	97.1	97.2	97.5	98.0
≥ 200	84.7	92.7	93.1	95.3	95.6	95.6	96.1	96.1	96.1	97.0	97.1	97.1	97.2	97.5	98.0
≥ 100	84.7	92.7	93.1	95.3	95.6	95.6	96.1	96.1	96.1	97.0	97.1	97.1	97.2	97.5	98.0
≥ 0	84.7	92.7	93.1	95.3	95.6	95.6	96.1	96.1	96.1	97.0	97.1	97.1	97.2	97.5	98.0

TOTAL NUMBER OF OBSERVATIONS: 151

FEDERAL AVIATION ADMINISTRATION
 METEOROLOGICAL SERVICE/ETAC

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

PERIOD: 68-70, 73-79

DATE: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD: 68-70, 73-79
 HOURS: 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	11.3	53.2	57.7	57.2	57.6	57.6	58.5	58.7	59.7	59.7	59.7	59.7	59.7	60.3	61.2	61.9	61.4
≥ 20000	58.2	62.9	64.3	64.8	65.3	65.3	66.1	66.3	66.7	67.3	67.3	67.3	68.0	68.0	68.2	68.7	69.2
IVM 18000	58.2	64.1	64.3	65.1	65.5	65.3	66.3	66.6	66.6	67.5	67.5	67.5	68.2	68.2	68.2	68.7	69.2
IVM 16000	58.2	64.4	65.3	65.4	65.8	65.3	66.7	66.9	66.9	67.8	67.8	67.8	68.5	68.5	69.0	69.6	69.6
IVM 14000	59.7	63.4	66.1	66.3	66.8	66.8	67.6	67.8	67.8	68.8	68.8	68.8	69.5	69.5	70.0	70.5	70.5
IVM 12000	58.2	65.5	67.2	67.4	67.8	67.8	68.7	68.9	68.9	69.9	69.9	69.9	70.5	70.5	71.1	71.1	71.6
IVM 10000	62.7	69.6	69.4	69.6	70.0	70.0	70.9	71.1	71.1	72.0	72.0	72.0	72.7	72.7	73.2	73.2	73.8
9000	64.3	71.4	72.3	72.4	72.8	72.8	73.7	73.9	73.9	74.8	74.8	74.8	75.5	75.5	76.0	76.0	76.6
IVM 8000	66.1	72.9	74.7	74.9	75.4	75.4	76.2	76.5	76.5	77.4	77.4	77.4	78.1	78.1	78.6	78.6	79.1
IVM 7000	67.3	74.4	75.7	75.5	75.9	75.9	76.8	77.0	77.0	78.0	78.0	78.0	78.6	78.6	79.1	79.1	79.7
6000	63.1	75.2	75.2	76.2	76.7	76.7	77.5	77.7	77.7	78.7	78.7	78.7	79.4	79.4	79.9	79.9	80.4
IVM 5000	69.7	77.6	78.4	78.9	79.4	79.4	80.2	80.4	80.4	81.4	81.4	81.4	82.0	82.0	82.6	82.6	83.1
4500	71.9	79.8	80.4	80.9	81.3	81.3	82.2	82.4	82.4	83.3	83.3	83.3	84.0	84.0	84.5	84.5	85.1
IVM 4000	73.7	82.6	83.3	83.7	84.1	84.1	84.9	85.2	85.2	86.1	86.1	86.1	86.8	86.8	87.3	87.3	87.8
3500	75.1	85.3	86.4	87.1	87.4	87.4	88.3	88.5	88.5	89.5	89.5	89.5	90.1	90.1	90.6	90.6	91.2
IVM 3000	76.7	86.6	87.3	87.7	88.2	88.2	89.1	89.2	89.2	90.2	90.2	90.2	90.9	90.9	91.4	91.4	91.9
2500	77.4	87.4	88.7	89.6	89.7	89.7	90.9	91.1	91.1	91.1	91.1	91.1	91.7	91.7	92.3	92.3	92.8
IVM 2000	78.3	88.1	89.4	90.3	90.8	90.8	91.6	91.8	91.8	92.8	92.8	92.8	93.4	93.4	94.0	94.0	94.5
1800	78.3	89.2	90.4	91.0	91.1	91.1	91.9	92.2	92.2	93.1	93.1	93.1	93.8	93.8	94.3	94.3	94.8
IVM 1500	78.6	90.3	91.3	91.9	92.4	92.4	93.2	93.4	93.4	94.4	94.4	94.4	95.1	95.1	95.6	95.6	96.1
1200	78.6	91.5	91.8	92.3	92.8	92.8	93.7	93.9	93.9	94.8	94.8	94.8	95.5	95.5	96.0	96.0	96.6
IVM 1000	78.6	91.6	91.7	92.4	92.9	92.9	93.8	94.0	94.0	94.9	94.9	94.9	95.6	95.6	96.1	96.1	96.7
900	78.6	91.1	92.0	92.7	93.2	93.2	94.1	94.3	94.3	95.3	95.3	95.3	95.9	95.9	96.5	96.5	97.0
IVM 800	78.6	91.2	92.0	92.9	93.4	93.4	94.3	94.5	94.5	95.5	95.5	95.5	96.1	96.1	96.7	96.7	97.2
700	78.6	91.2	92.3	92.9	93.4	93.4	94.3	94.5	94.5	95.5	95.5	95.5	96.1	96.1	96.7	96.7	97.2
IVM 600	78.6	91.6	92.7	93.3	93.9	93.9	94.8	95.1	95.1	96.1	96.1	96.1	96.7	96.7	97.2	97.2	97.7
500	78.6	91.8	92.9	93.5	94.1	94.1	95.1	95.3	95.3	96.2	96.2	96.2	96.9	96.9	97.4	97.4	98.0
IVM 400	78.6	92.5	93.3	94.2	94.7	94.7	95.7	96.1	96.1	97.1	97.1	97.1	97.7	97.7	98.3	98.3	98.8
300	79.1	92.8	93.4	94.5	95.1	95.1	96.0	96.3	96.3	97.4	97.4	97.4	98.2	98.2	98.7	98.7	99.2
IVM 200	79.1	93.1	94.2	94.8	95.4	95.4	96.3	96.7	96.7	97.7	97.7	97.7	98.6	98.6	99.1	99.1	99.7
100	79.1	93.1	94.2	94.8	95.4	95.4	96.3	96.7	96.7	97.7	97.7	97.7	98.6	98.6	99.1	99.1	99.7
0	79.1	93.1	94.2	94.8	95.4	95.4	96.3	96.7	96.7	97.7	97.7	97.7	98.6	98.6	99.1	99.1	99.7

TOTAL NUMBER OF OBSERVATIONS: 830

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL

PERIOD: 10-17-73-19

SEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16,800 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	45.3	51.6	57.2	61.2	61.8	61.3	62.3	62.7	62.7	63.4	64.0	65.1	65.1	65.5	65.9	66.5
≥18000	53.3	61.6	61.4	61.4	62.7	62.5	62.9	62.7	64.1	64.3	64.3	65.5	65.5	66.0	66.5	66.9
IV 16000	54.2	61.1	61.4	61.8	62.5	62.5	62.9	63.3	63.2	64.5	64.7	64.7	65.9	65.9	66.5	66.9
IV 14000	55.4	62.6	62.9	63.3	64.0	64.3	64.4	64.6	64.7	66.1	66.3	66.3	67.5	67.5	68.1	68.5
IV 12000	56.7	64.0	64.3	64.7	65.4	65.4	65.8	66.2	66.2	67.5	67.7	67.7	68.9	68.9	69.5	69.9
IV 10000	58.1	66.5	66.8	67.2	67.8	67.8	68.3	68.7	68.7	70.0	70.2	70.2	71.4	71.4	71.9	72.4
IV 9000	59.5	68.7	69.0	69.6	70.2	70.2	70.6	71.1	71.1	72.5	72.7	72.7	73.9	73.9	74.4	74.8
IV 8000	61.3	70.4	70.7	71.4	72.0	72.0	72.5	72.9	72.9	74.3	74.5	74.5	75.7	75.7	76.2	76.7
IV 7000	62.5	71.6	71.9	72.6	73.2	73.2	73.7	74.1	74.1	75.5	75.7	75.7	76.9	76.9	77.4	77.8
IV 6000	63.1	73.1	73.4	74.1	74.7	74.7	75.2	75.6	75.6	77.0	77.2	77.2	78.4	78.4	78.9	79.4
IV 5000	64.7	75.4	75.7	76.5	77.1	77.1	77.5	78.0	78.0	79.4	79.6	79.6	80.8	80.8	81.3	81.7
IV 4500	65.4	76.2	76.5	77.7	78.4	78.4	78.8	79.2	79.2	80.6	80.9	80.9	82.0	82.0	82.6	83.0
IV 4000	67.1	78.5	78.8	81.0	81.6	81.6	82.1	82.5	82.5	83.9	84.1	84.1	85.3	85.3	85.9	86.3
IV 3500	71.3	82.2	82.7	83.7	84.3	84.3	84.7	85.2	85.2	86.7	86.9	86.9	88.1	88.1	88.6	89.1
IV 3000	71.2	82.9	83.4	84.4	85.1	85.1	85.5	85.9	85.9	87.4	87.6	87.6	88.8	88.8	89.4	89.8
IV 2500	71.3	83.9	84.4	85.4	86.0	86.0	86.5	86.9	86.9	88.4	88.6	88.6	89.8	89.8	90.3	90.8
IV 2000	72.0	84.8	85.3	86.5	87.1	87.1	87.6	88.1	88.1	89.6	89.8	89.8	91.0	91.0	91.5	91.9
IV 1800	72.0	85.3	86.1	87.1	87.7	87.7	88.3	88.7	88.7	90.2	90.4	90.4	91.6	91.6	92.2	92.6
IV 1500	72.2	85.6	86.3	87.2	87.8	87.8	88.4	88.8	88.8	90.4	90.6	90.6	91.8	91.8	92.4	92.8
IV 1200	72.4	86.5	87.2	88.2	89.1	89.1	89.7	90.1	90.1	91.7	91.9	91.9	93.2	93.2	93.8	94.2
IV 1000	72.4	87.1	88.1	89.1	90.1	90.1	90.6	91.1	91.1	92.8	93.0	93.0	94.3	94.3	94.8	95.3
IV 900	72.4	87.2	88.3	89.1	90.2	90.2	90.8	91.2	91.2	92.9	93.1	93.1	94.4	94.4	94.9	95.4
IV 800	72.0	87.6	88.7	89.7	90.8	90.8	91.3	91.7	91.7	93.4	94.0	94.0	95.3	95.3	95.8	96.3
IV 700	72.7	87.8	88.9	90.0	91.1	91.1	91.6	92.0	92.0	93.8	94.3	94.3	95.6	95.6	96.1	96.6
IV 600	72.7	88.0	89.1	90.1	91.2	91.2	91.9	92.4	92.4	94.1	94.6	94.6	95.9	95.9	96.5	96.9
IV 500	72.7	88.3	89.2	90.5	91.8	91.8	92.7	93.1	93.1	94.8	95.4	95.4	96.7	96.7	97.2	97.6
IV 400	72.7	88.6	89.9	91.4	93.0	93.1	94.7	94.4	94.4	96.1	96.8	96.8	98.1	98.1	98.6	99.1
IV 300	72.7	88.8	90.1	91.7	93.3	93.4	94.3	94.7	94.7	96.5	97.1	97.1	98.4	98.4	98.9	99.5
IV 200	72.7	89.8	90.1	91.7	93.3	93.4	94.3	94.7	94.7	96.5	97.1	97.1	98.4	98.4	98.9	99.5
IV 100	72.7	88.8	90.1	91.7	93.3	93.4	94.3	94.7	94.7	96.5	97.1	97.1	98.4	98.4	98.9	99.5
IV 0	72.7	88.8	90.1	91.7	93.3	93.4	94.3	94.7	94.7	96.5	97.1	97.1	98.4	98.4	98.9	99.5

TOTAL NUMBER OF OBSERVATIONS 930

ADJUTANT GENERAL'S OFFICE
 AIR FORCE
 AIR SERVICE

CEILING VERSUS VISIBILITY

1 76 KENNEDY SPACE CENTER FL
 STATION STATION NAME

65-76,73-70
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9.0-11.0
 HOURS 1-5

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0	
NO CEILING ≥ 20000	51.5	53.9	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7
IV 18000 16000	59.4	62.6	62.3	62.9	63.7	63.3	63.7	63.1	63.1	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4
IV 14000 12000	61.7	65.1	65.3	65.4	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9
IV 10000 9000	67.1	71.9	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9
IV 8000 7000	69.3	73.3	73.5	73.6	73.9	73.9	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4
IV 6000 5000	71.7	76.1	76.3	76.3	76.6	76.6	76.6	76.7	76.7	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1
IV 4500 4000	73.1	79.5	79.7	79.9	81.0	81.0	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5
IV 3500 3000	77.3	83.6	83.9	84.1	84.5	84.5	84.5	84.7	84.7	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2
IV 2500 2000	79.0	86.3	86.7	86.9	87.7	87.7	87.7	87.8	87.8	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3
IV 1800 1500	81.2	88.9	89.3	89.7	89.8	89.8	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3
IV 1200 1000	82.2	90.5	90.9	91.4	91.5	91.5	91.5	91.7	91.7	91.9	91.9	91.9	91.9	92.2	92.2	92.2	92.2
IV 900 800	82.4	91.5	91.9	92.5	92.6	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2
IV 700 600	82.8	92.5	92.9	93.7	93.9	93.9	93.9	94.1	94.1	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5
IV 500 400	83.1	93.5	93.9	94.7	94.8	94.8	94.8	95.1	95.1	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5
IV 300 200	83.3	93.9	94.3	95.2	95.4	95.4	95.4	95.6	95.6	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0
IV 100 0	83.4	94.4	94.8	95.7	95.8	95.8	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
	83.5	94.4	94.8	95.7	95.8	95.8	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS 920

FEDERAL BUREAU OF SURVEY
 U.S. AIR FORCE
 METEOROLOGICAL SERVICE/MAL

CEILING VERSUS VISIBILITY

1 STATION KENNEDY SPACE CENTER FL YEARS 66-71, 73-79 MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 3-14 70
 HOURS 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.16	≥.1	≥0
NO CEILING	51.3	52.3	52.3	52.4	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 20000	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 18000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 16000	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 14000	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 12000	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 10000	73.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	74.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 8000	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 7000	77.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 6000	79.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 5000	80.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	81.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4000	84.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	85.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	87.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2500	89.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2000	89.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1000	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 900	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 800	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 700	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 600	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 500	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 400	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 300	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 200	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 100	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 0	89.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS 530

FEDERAL AVIATION ADMINISTRATION
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20515

CEILING VERSUS VISIBILITY

STATION: 1 00 KENNEDY SPACE CENTER FL

PERIOD: 65-70, 73-79

DATE: 12-1-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-1-79
 HOURS: 157

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	67.7	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7
IV 20000	67.7	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7
IV 18000	67.1	67.7	67.7	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3
IV 16000	67.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5
IV 14000	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.5
IV 12000	70.4	71.0	71.0	71.0	71.0	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
IV 10000	75.2	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
IV 9000	76.3	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
IV 8000	79.9	82.3	82.3	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 7000	79.3	82.6	82.6	82.6	82.6	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.3
IV 6000	81.1	84.4	84.4	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.9
IV 5000	81.3	85.3	85.3	85.3	85.3	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3
IV 4500	83.1	87.4	87.4	87.4	87.4	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4
IV 4000	85.2	89.8	89.8	89.8	89.8	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
IV 3500	91.1	91.8	91.8	91.8	91.8	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
IV 3000	89.6	93.9	93.9	93.9	93.9	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9
IV 2500	89.5	94.9	94.9	94.9	94.9	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
IV 2000	89.3	96.2	96.2	96.2	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
IV 1800	89.3	96.3	96.3	96.3	96.3	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3
IV 1500	89.3	96.7	96.7	96.7	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
IV 1200	89.3	97.1	97.1	97.1	97.1	97.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
IV 1000	89.3	97.3	97.3	97.3	97.3	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 900	89.3	97.3	97.3	97.3	97.3	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 800	89.3	97.4	97.4	97.4	97.4	97.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IV 700	89.3	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 600	89.3	97.8	97.8	97.8	97.8	97.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
IV 500	89.3	97.8	97.8	97.8	97.8	97.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 400	89.3	97.8	97.8	97.8	97.8	97.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 300	89.3	97.8	97.8	97.8	97.8	97.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 200	89.3	97.8	97.8	97.8	97.8	97.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 100	89.3	97.8	97.8	97.8	97.8	97.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 0	89.3	97.8	97.8	97.8	97.8	97.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS: 157

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20540
 U.S. WEATHER SERVICE/FAO

CEILING VERSUS VISIBILITY

STATION: WINDY SPACE CENTER FL
 STATION NAME: WINDY SPACE CENTER FL

PERIOD: 68-70, 73-79
 YEARS: 68-70, 73-79

MONTH: 0000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 00-0000
 HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	56.5	57.9	57.5	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	65.7	67.3	67.7	67.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IVIM 18000	65.5	67.5	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IVIM 16000	66.5	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IVIM 14000	67.3	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IVIM 12000	69.7	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IVIM 10000	73.5	75.4	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IVIM 9000	74.7	77.6	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IVIM 8000	75.4	79.3	79.4	79.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IVIM 7000	77.7	83.7	83.8	83.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IVIM 6000	79.1	83.2	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IVIM 5000	81.7	85.3	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IVIM 4500	82.5	87.3	87.5	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IVIM 4000	84.2	89.9	90.1	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IVIM 3500	86.2	92.5	92.7	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IVIM 3000	87.4	93.9	94.2	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IVIM 2500	87.9	94.8	95.1	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IVIM 2000	88.3	95.1	95.5	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IVIM 1800	88.7	95.6	96.0	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IVIM 1500	88.7	96.0	96.4	96.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IVIM 1200	88.7	97.4	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVIM 1000	88.7	97.3	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVIM 900	88.7	97.2	97.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVIM 800	88.7	97.6	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IVIM 700	88.7	97.7	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVIM 600	88.7	98.3	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVIM 500	88.7	98.1	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVIM 400	88.7	98.1	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVIM 300	88.7	98.1	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVIM 200	88.7	98.1	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVIM 100	88.7	98.1	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVIM 0	88.7	98.1	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 978

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 WASHINGTON, D. C.

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL YEARS: 65-70, 73-79 MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO. OF HOURS: 2400

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2
NO CEILING	67.3	67.7	67.7	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 20000	64.6	67.1	67.7	67.7	67.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 18000	64.6	67.1	67.7	67.7	67.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 16000	65.1	67.4	67.7	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 14000	65.3	68.2	68.4	68.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 12000	68.3	71.0	71.3	71.7	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.8	72.8
IV 10000	71.0	74.8	75.1	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.6	76.6
IV 9000	73.4	77.3	77.7	78.1	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.3	79.3
IV 8000	74.5	79.3	79.6	80.2	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.3	81.3
IV 7000	75.3	80.0	80.4	80.8	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	82.1	82.1
IV 6000	76.5	81.9	82.3	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.9	83.9
IV 5000	78.7	84.1	84.4	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	86.1	86.1
IV 4500	80.3	86.2	86.5	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.2	88.2
IV 4000	82.3	88.6	88.9	89.5	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.8	90.8
IV 3500	83.7	91.1	91.3	92.0	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.3	93.3
IV 3000	85.1	92.7	93.1	93.6	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.9	94.9
IV 2500	85.2	93.3	93.9	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.8	95.8
IV 2000	85.4	93.9	94.4	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.4	96.4
IV 1800	85.5	94.0	94.4	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.5	96.5
IV 1500	85.7	94.2	94.6	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.8	96.8
IV 1200	85.9	94.7	95.5	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.4	97.4
IV 1000	86.1	94.9	95.8	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.6	97.6
IV 900	86.1	95.1	95.8	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.7	97.7
IV 800	86.1	95.1	95.8	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.7	97.7
IV 700	86.1	95.4	95.9	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	98.1	98.1
IV 600	86.3	96.1	96.3	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.9	98.9
IV 500	86.3	96.2	96.4	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.2	99.2
IV 400	86.3	96.2	96.4	98.0	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.4	99.4
IV 300	86.3	96.2	96.4	98.0	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.4	99.4
IV 200	86.3	96.5	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7
IV 100	86.3	96.5	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7
IV 0	86.3	96.5	97.1	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 927

J

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WPC/ETAC
 AIR WEATHER SERVICE/940

CEILING VERSUS VISIBILITY

STATION: KENNEDY SPACE CENTER FL
 STATION NAME

65-70, 73-79
 YEARS

ALL
 MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	63.1	65.4	65.7	65.7	65.2	65.2	66.4	66.5	66.5	66.7	66.7	66.7	67.2	67.7	67.4	67.2
≥ 20000	61.7	64.7	65.1	65.2	65.5	65.5	65.9	65.9	65.9	66.2	66.2	66.2	66.5	66.6	66.9	67.2
IVM 18000	61.8	65.0	65.7	65.5	65.8	65.8	66.1	66.1	66.1	66.5	66.5	66.5	66.9	66.9	67.1	67.3
IVM 16000	62.4	65.3	65.7	66.0	66.3	66.3	66.5	66.6	66.6	67.0	67.0	67.0	67.4	67.4	67.5	67.7
IVM 14000	63.4	66.5	66.9	67.1	67.4	67.4	67.5	67.7	67.7	68.1	68.1	68.2	67.5	68.5	68.6	68.9
IVM 12000	65.5	68.5	69.1	69.4	69.7	69.7	69.9	70.0	70.0	70.4	70.4	70.5	70.8	70.8	71.0	71.2
IVM 10000	69.5	72.4	72.7	73.1	73.2	73.2	73.5	73.6	73.6	74.0	74.0	74.0	74.4	74.4	74.6	74.8
IVM 9000	70.2	74.7	75.0	75.3	75.6	75.6	75.8	75.9	75.9	76.4	76.4	76.4	76.8	76.8	76.9	77.2
IVM 8000	72.1	77.1	77.4	77.8	78.1	78.1	78.3	78.4	78.4	78.9	78.9	78.9	79.3	79.3	79.4	79.7
IVM 7000	72.5	77.5	77.7	78.0	78.3	78.3	78.5	78.5	78.5	79.2	79.2	79.2	79.7	79.7	79.8	80.1
IVM 6000	74.2	79.5	79.8	80.2	80.5	80.5	80.7	80.8	80.8	81.3	81.3	81.3	81.7	81.7	81.9	82.1
IVM 5000	75.7	81.4	81.7	82.1	82.4	82.4	82.7	82.8	82.8	83.2	83.2	83.2	83.6	83.6	83.8	84.1
IVM 4500	77.0	83.1	83.4	83.8	84.2	84.2	84.4	84.5	84.5	85.0	85.0	85.0	85.4	85.4	85.6	85.8
IVM 4000	79.1	85.7	85.9	86.5	86.9	86.9	87.1	87.2	87.2	87.7	87.7	87.7	88.1	88.1	88.3	88.5
IVM 3500	81.1	88.2	88.5	89.1	89.4	89.4	89.6	89.7	89.7	90.2	90.2	90.2	90.6	90.6	90.8	91.0
IVM 3000	82.4	89.8	90.1	90.6	91.0	91.0	91.3	91.4	91.4	91.9	91.9	91.9	92.2	92.2	92.4	92.6
IVM 2500	83.2	90.5	91.0	91.5	91.9	91.9	92.1	92.2	92.2	92.7	92.7	92.7	93.0	93.1	93.3	93.5
IVM 2000	83.7	90.8	91.5	92.1	92.5	92.5	92.7	92.9	92.9	93.3	93.3	93.3	93.7	93.7	93.9	94.1
IVM 1800	83.7	90.8	91.5	92.1	92.5	92.5	92.7	92.9	92.9	93.3	93.3	93.3	93.7	93.7	93.9	94.1
IVM 1500	84.1	92.9	93.4	94.0	94.4	94.4	94.7	94.8	94.8	95.3	95.3	95.3	95.7	95.7	95.9	96.1
IVM 1200	84.1	93.4	94.0	94.6	95.1	95.1	95.4	95.5	95.5	96.0	96.0	96.0	96.4	96.4	96.6	96.8
IVM 1000	84.1	93.6	94.2	94.9	95.4	95.4	95.7	95.8	95.8	96.3	96.3	96.3	96.7	96.7	96.9	97.1
IVM 900	84.1	93.9	94.5	95.2	95.7	95.7	96.0	96.1	96.1	96.6	96.6	96.6	97.0	97.0	97.2	97.4
IVM 800	84.2	94.1	94.7	95.5	96.0	96.0	96.3	96.4	96.4	96.9	96.9	96.9	97.3	97.3	97.4	97.6
IVM 700	84.3	94.3	95.0	95.7	96.3	96.3	96.6	96.7	96.7	97.2	97.2	97.2	97.6	97.6	97.8	98.0
IVM 600	84.3	94.7	95.4	96.2	96.7	96.7	97.1	97.2	97.2	97.7	97.7	97.7	98.2	98.2	98.4	98.6
IVM 500	84.4	94.9	95.6	96.5	97.1	97.1	97.5	97.6	97.6	98.1	98.1	98.1	98.6	98.6	98.8	99.0
IVM 400	84.4	95.1	95.8	96.8	97.5	97.5	97.9	98.0	98.0	98.5	98.5	98.5	99.0	99.0	99.2	99.5
IVM 300	84.4	95.1	95.9	96.9	97.6	97.6	98.0	98.1	98.1	98.7	98.7	98.7	99.2	99.2	99.4	99.6
IVM 200	84.4	95.2	96.0	97.1	97.7	97.7	98.1	98.3	98.3	98.9	98.9	98.9	99.4	99.4	99.6	99.8
IVM 100	84.4	95.2	96.1	97.1	97.7	97.7	98.2	98.3	98.3	98.9	98.9	98.9	99.4	99.4	99.7	100.0
IVM 0	84.4	95.2	96.1	97.1	97.7	97.7	98.2	98.3	98.3	98.9	98.9	98.9	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7475

CEILING VERSUS VISIBILITY

UNITED STATES AIR FORCE
 AIR FORCE SERVICE AGENCY

STATION: FRANNEY BASE CONTROL YEARS: 1977 MONTH: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING	72.1	76.2	57.4	47.8	37.4	28.0	23.2	18.9	15.7	12.8	10.4	8.6	7.2	6.1	5.2	4.5	3.9
≥ 2000	72.1	76.2	72.7	77.4	78.7	73.3	73.1	73.2	73.3	72.8	72.8	72.7	72.7	72.8	72.8	72.8	72.8
IVM 18000	72.1	76.2	72.7	73.2	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IVM 16000	72.1	76.2	73.7	73.9	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVM 14000	72.1	76.2	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 12000	72.1	76.2	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IVM 10000	75.1	80.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IVM 9000	76.1	81.9	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IVM 8000	77.1	84.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IVM 7000	77.1	84.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IVM 6000	79.1	86.4	86.8	87.1	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IVM 5000	79.1	86.4	86.8	87.1	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IVM 4500	81.1	89.1	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVM 4000	81.1	89.1	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVM 3500	83.1	91.1	92.4	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IVM 3000	84.1	92.1	93.7	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IVM 2500	85.1	93.7	94.7	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVM 2000	85.1	93.7	94.7	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVM 1800	85.1	93.7	94.7	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IVM 1500	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 1200	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 1000	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 900	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 800	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 700	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 600	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 500	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 400	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 300	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 200	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 100	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 0	86.1	95.8	96.4	96.4	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS: 37623

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

12-96 KENNEDY SPACE CENTER FL 69-70,73-80 JAN

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	23.8			29.5						16.8	25.9	5.0	925
	03-05	29.4			27.9						15.2	27.5	5.0	924
	06-08	14.3			33.1						24.9	27.8	6.0	925
	09-11	11.4			30.8						27.5	30.3	6.4	930
	12-14	7.6			32.5						27.5	32.4	6.7	930
	15-17	8.2			34.0						27.7	30.1	6.5	930
	18-20	15.5			32.3						22.2	30.1	6.0	930
	21-23	23.7			30.2						19.2	26.9	5.3	930
TOTALS		17.4			31.2						22.6	28.9	5.9	7424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12586 KENNEDY SPACE CENTER FL

69-70,73-80

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	0-02	35.2			24.7						15.2	24.6	4.6	846
	03-05	32.7			21.7						19.5	26.0	5.0	846
	06-08	18.4			29.9						22.2	29.6	5.9	844
	09-11	15.6			29.3						22.6	32.4	6.2	845
	12-14	12.1			33.9						23.9	30.1	6.2	846
	15-17	13.5			33.0						24.2	29.3	6.1	846
	18-20	20.4			27.5						21.7	30.3	5.8	846
	21-23	33.7			23.0						17.1	26.1	4.8	846
TOTALS		22.7			27.9						20.8	28.6	5.6	6765

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

12886 KENNEDY SPACE CENTER FL

69-70,73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	20.7			35.6						24.7	19.1	5.2	900
	03-05	19.9			43.7					20.9	15.6	4.7	900	
	06-08	8.6			40.9					30.5	20.0	6.0	899	
	09-11	2.7			46.0					32.3	19.7	5.2	900	
	12-14	.9			44.9					32.6	21.7	6.4	900	
	15-17	2.7			36.7					32.8	27.9	6.8	900	
	18-20	4.8			28.9					29.8	36.5	7.2	899	
	21-23	11.3			31.6					25.7	31.4	6.4	899	
TOTALS		9.0			38.5					28.7	23.9	6.1	7197	

USAFETAC

FORM
 JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

12286 KENNEDY SPACE CENTER FL

68-70,73-80

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	17.4			31.2						22.6	28.9	5.9	7424
FEB		22.7			27.9						27.8	23.6	5.6	6765
MAR		18.1			32.5						33.1	26.2	5.7	7419
APR		22.8			37.3						21.6	18.4	4.9	7192
MAY		14.1			37.9						26.0	22.1	5.7	7425
JUN		9.0			38.5						28.7	23.9	6.1	7197
JUL		7.0			36.8						32.9	23.2	6.4	7436
AUG		6.2			44.9						29.6	19.1	5.9	7432
SEP		4.6			42.3						30.5	22.6	6.3	7199
OCT		11.5			40.7						26.3	21.6	5.8	7430
NOV		16.8			35.4						25.6	22.1	5.6	7194
DEC		21.7			31.2						22.0	25.2	5.4	7420
YR		14.2			36.4						25.8	23.5	5.8	87524

* PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and comparisons of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 MET WEATHER SERVICE/MAC
 STATION 1886 KENNEDY SPACE CENTER FL
 STATION NAME

DAILY TEMPERATURES

50-52, 57-80 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95					.1	.4	.9	.2					.1
90				1.3	3.1	13.1	22.6	15.2	5.4				5.3
85		.4	4.1	10.0	27.4	63.8	90.9	92.1	76.4	20.0	1.6	.3	12.7
80	5.3	5.3	19.0	40.4	82.0	97.9	99.5	99.8	97.9	70.4	24.4	5.3	54.8
75	27.1	27.5	49.4	79.5	97.8	100.0	100.0	100.0	100.0	93.3	64.8	32.3	73.1
70	53.5	50.1	74.8	94.7	99.9					99.2	85.7	60.6	85.0
65	72.3	71.6	90.1	99.5	100.0					100.0	94.0	80.0	92.5
60	86.2	86.4	96.9	100.0							97.4	91.9	96.7
55	93.9	94.8	99.0								99.8	97.0	98.7
50	97.6	99.2	99.9								100.0	99.5	99.7
45	99.4	100.0										99.9	99.9
40	99.8		100.0									100.0	100.0
35	100.0												100.0
MEAN	67.8	67.8	73.0	78.2	82.4	85.8	87.7	87.4	85.8	81.2	75.3	70.3	78.0
SD	2.35	7.73	6.827	4.994	3.694	3.258	2.649	2.291	2.560	4.021	5.921	7.052	6.757
TOTAL OBS	4	735	876	779	876	790	876	834	810	830	510	779	9579

NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

1 500 STATION KENNEDY SPACE CENTER FL 50-52, 57-80 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						2.1	9.9	21.1	35.5				2.1
75					1.9	15.2	28.8	28.1	32.0	11.4			10.0
70			1.4	11.2	38.2	77.7	91.3	93.2	89.3	52.9	10.4	1.3	39.5
65	6.3	7.1	19.6	42.6	75.4	98.1	99.6	100.0	99.1	77.7	34.9	13.4	56.8
60	23.3	22.6	43.4	67.7	90.4	99.7	100.0		99.9	89.7	58.9	33.6	69.5
55	46.1	39.5	61.3	84.6	97.8	100.0			100.0	96.8	75.2	50.2	79.7
50	62.2	56.3	79.2	92.7	99.8					98.7	85.2	63.8	86.6
45	75.2	72.4	91.1	98.2	99.9					99.6	93.0	78.6	92.5
40	85.1	87.2	96.7	99.6	100.0					100.0	98.3	88.6	96.4
35	94.5	95.9	99.0	99.9							99.8	95.6	98.8
33	96.6	97.7	99.4	100.0							99.9	97.8	99.3
30	99.0	99.2	99.9								100.0	99.4	99.8
25	100.0	100.0	100.0									100.0	100.0
20													
15													
10													
5													
MEAN	51.6	50.9	56.6	61.8	67.1	71.5	73.0	73.0	73.1	68.2	59.7	53.2	63.3
S.D.	9.654	9.511	8.361	7.078	5.076	3.094	2.720	2.452	3.008	6.387	8.654	10.073	10.837
TOTAL OBS	804	735	806	779	806	780	806	834	810	830	810	779	9579

DIGITAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 STATION 1-886 KENNEDY SPACE CENTER FL
 STATION NAME

DAILY TEMPERATURES

50-52, 57-80 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP. (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65					.1	1.3	3.8	1.6					.6
66			.1	1.4	7.9	41.3	68.4	69.4	56.9	13.0			21.9
67	.5	.5	6.2	23.1	62.5	95.5	99.4	99.8	98.1	63.4	12.6	2.4	47.6
68	12.4	13.2	32.4	59.9	91.2	100.0	100.0	100.0	100.0	88.8	48.9	18.6	64.4
69	38.4	32.7	57.6	85.1	99.1					96.3	73.1	44.0	77.6
70	58.6	54.4	80.1	95.9	100.0					99.3	87.3	63.4	86.9
71	76.2	73.6	91.3	99.5						100.0	94.7	81.5	93.3
72	87.4	89.3	97.1	100.0							98.4	92.0	97.1
73	95.1	97.4	99.6								99.9	97.6	99.2
74	98.4	99.9	99.9								100.0	99.7	99.8
75	99.8	100.0	100.0									100.0	100.0
76	100.0												100.0
77													
78													
79													
80													
MEAN	61.4	60.1	65.3	70.3	75.0	78.9	80.6	80.5	79.7	74.9	67.7	62.0	71.3
S.D.	3.77	3.39	3.71	5.29	3.66	2.62	2.27	1.88	2.15	4.62	6.76	8.02	5.45
TOTAL OBS	774	735	806	779	406	780	806	834	810	830	810	779	9479

FEDERAL BUREAU OF SURVEY
 METEOROLOGICAL BRANCH
 WASHINGTON
 AIR WEATHER SERVICE / MAC

USE WITH CAUTION
 SEE FIRST PAGE

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION **KENNEDY SPACE CENTER FL**
 STATION NAME

YEARS **52-52, 57-58**

YEARS

IN FOL' DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
52	75	81	80	83	82	91	92	93	92	87	82	76	82
53	77	80	86	87	88	92	92	93	89	80	85	78	84
54	77	82	83	85	85	96	91	92	84	81	83	77	86
55	81	84	85	87	87	90	91	91	81	81	84	77	81
56	82	82	83	86	87	89	90	91	81	86	82	79	81
57	81	83	85	83	84	91	92	92	89	89	81	78	84
58	81	80	84	89	90	94	91	92	90	80	79	79	84
59	79	78	85	85	87	92	94	91	91	87	81	78	84
60	79	86	88	89	89	89	88	91	91	81	80	82	82
61	78	77	79	82	89	90	93	91	89	88	83	77	87
62	78	82	82	82	93	89	91	88	88	81	83	82	83
63	79	73	81	84	90	89	91	91	80	87	83	79	84
64	72	79	85	85	86	90	96	92	91	87	81	77	86
65	77	77	83	87	87	93	90	92	91	86	82	81	83
66	81	80	87	84	87	94	92	91	88	86	84	82	84
67	81	81	84	84	87	93	92	91	88	86	84	82	84
68	81	81	83	85	85	91	93	91	91	87	85	79	85
69	81	84	89	85	86	90	93	91	91	88	85	78	87
70	81	84	86	89	90	92	92	91	89	88	83	78	87
71	81	84	86	89	90	92	94	91	92	87	83	79	84
72	81	84	87	86	87	94	93	92	92	82	82	82	84
73	81	84	87	88	91	93	95	93	91	84	84	85	86
74	81	84	87	88	90	92	94	91	91	84	85	82	84
75	81	84	87	88	90	94	96	94	92	81	87		
76	81	84	87	88	90	94	96	94	92	81	87		
77	81	84	87	88	90	94	96	94	92	81	87		
78	81	84	87	88	90	94	96	94	92	81	87		
79	81	84	87	88	90	94	96	94	92	81	87		
80	81	84	87	88	90	94	96	94	92	81	87		
81	81	84	87	88	90	94	96	94	92	81	87		
82	81	84	87	88	90	94	96	94	92	81	87		
83	81	84	87	88	90	94	96	94	92	81	87		
84	81	84	87	88	90	94	96	94	92	81	87		
85	81	84	87	88	90	94	96	94	92	81	87		
86	81	84	87	88	90	94	96	94	92	81	87		
87	81	84	87	88	90	94	96	94	92	81	87		
88	81	84	87	88	90	94	96	94	92	81	87		
89	81	84	87	88	90	94	96	94	92	81	87		
90	81	84	87	88	90	94	96	94	92	81	87		
91	81	84	87	88	90	94	96	94	92	81	87		
92	81	84	87	88	90	94	96	94	92	81	87		
93	81	84	87	88	90	94	96	94	92	81	87		
94	81	84	87	88	90	94	96	94	92	81	87		
95	81	84	87	88	90	94	96	94	92	81	87		
96	81	84	87	88	90	94	96	94	92	81	87		
97	81	84	87	88	90	94	96	94	92	81	87		
98	81	84	87	88	90	94	96	94	92	81	87		
99	81	84	87	88	90	94	96	94	92	81	87		
00	81	84	87	88	90	94	96	94	92	81	87		
MEAN	81.2	84.8	87.0	88.7	89.2	91.3	92.4	91.6	89.0	86.2	83.1	79.0	82.7
S D	2.04	3.15	2.58	3.72	2.67	3.43	2.16	1.81	1.58	1.70	1.69	2.59	2.42
TOTAL OBS	864	739	679	779	670	740	828	834	811	831	810	779	9579

NOTES: * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0885 (OLA)

(AT LEAST ONE DAY LESS THAN 24 HOURS)

U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANOGRAPHIC ADMINISTRATION
 NATIONAL WEATHER SERVICE / WMO

USE WITH CAUTION
 SEE FIRST PAGE

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION: KENNEDY SPACE CENTER FL STATION NAME: 51-92, 57-8 YEARS

IN FULL DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
61	38	36	42	46	53	65	72	69	71	69	51*	45	54
62	39	42	46	47	55	69	71	71	71	66	43*	47	57
63	39	47	43	55	69	69	72	67	71	69	42	47	57
64	39	30	41	56	55	67	67	71	71	69	41	47	57
65	39	53	42	52	55	67	69	72	67	69	39	47	57
66	33	39	30	46	54	61	71	64	67	69	54	47	57
67	34	77	38	46	57	58	71	71	51	51	54	47	57
68	31	45	34	47	59	63	67	71	67	67	44	47	57
69	37	39	39	49	54	65	69	69	71	46	43	47	57
70	39	35	43	44	54	56	69	69	67	54	49	47	57
71	39	38	41	43	47	57	67	66	67	57	49	47	57
72	39	22	37	44	62	69	69	69	67	51	43	47	57
73	39	23	44	47	54	67	69	69	69	54	47	47	57
74	39	36	39	51	61	66	69	69	69	49	36	29	29
75	39	35	35	54	53	69	71	69	71	69	36	29	29
76	39	31	44*	51	51	61	69	69	69	61	34	29	29
77	39	31	34	34	44	61	69	69	69	69	43	53	57
78	39	34	47	42	59	69	69	67	69	59	45	47	57
79	39	33	43	49	59	69	69	69	69	44	52	47	57
80	39	31	44	47	55	69	69	67	69	59	43	47	57
81	39	43	46	37	62	67	69	67	69	51	37	34	34
82	39	41	43	44	56	65	69	67	69	51	41	47	57
83	39	27	32	42	52	69	66	71	69	49	42	47	57
84	39	25	38	42	63	69	72	69	69	59	56	49	29
85	39	29	47	49	54	69	71	71	71	69	42	47	29
86	39	35	39	52	61	62	71	71	69	47	35		
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
00													
MEAN	39.3	39.3	39.8	46.7	55.3	64.8	69.3	69.8	67.7	68.1	42.6	39.3	50.1
S. D.	5.773	5.373	5.631	5.314	4.466	3.319	2.435	1.445	1.117	1.073	3.080	7.350	6.200
TOTAL OBS.	604	735	635	779	876	740	670	334	61	67	11	779	4578

NOTES * (BASED ON LESS THAN FULL MONTH)

USAF ETAC FORM 0-88 5 (OLA)

(AT LEAST ONE DAY LESS THAN 24.0 S)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1986 KENNEDY SPACE CENTER FL 69-70,73-8 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/73				.1														1	1		
72/71		.6	1.0	.1														16	16		
71/69	.2	2.5	1.7	.3														44	44	14	13
69/67	.9	5.9	1.4	.3	.1													41	41	62	37
67/65	.8	5.9	1.2	1.4	.3													89	89	72	77
64/63	.9	5.8	1.6	.9	.4													89	89	75	73
62/61	.8	4.2	.9	.2	.3													59	59	80	73
61/59	1.1	6.0	1.4	.2	.3													81	81	81	75
60/57	.9	4.5	1.4	.9	.3													73	73	83	74
58/55	.5	3.9	2.0	.1	.1													62	62	82	71
57/53	.5	4.4	1.6	.4	.1													66	66	84	69
57/51	.1	2.0	.3	.9	.1													27	27	63	67
57/49	.2	1.9	.9	.2	.2	.3												22	22	38	31
57/47	.1	1.2	1.3	.6	.2													23	23	29	41
57/45		1.9	1.3	.1	.1													71	31	19	17
47/43		2.8	1.0	.9	.1													43	43	42	22
47/41	.3	1.4	.6	.5	.2													29	29	41	47
47/39	.2	.5	1.1	.6	.1													22	22	27	28
47/37	.2	1.7	.4	.3	.1													25	25	21	27
47/35	.1	.5	.2	.1	.1													10	17	22	20
34/33	.1	.5	.1															7	7	15	14
31/31	.1	.3	.2															6	6	11	21
27/27	.4		.1															5	5	10	11
27/25																				4	4
27/21																					
27/19																					
27/17																					
27/13																					
TOTAL	3.4	58.7	21.6	9.3	2.4	.2												930	930	930	93
Element (X)	Z _R	Z _K	X	e _a	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	7063304	80372	86.4	11.243	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3055170	52520	56.5	9.799	930		1.1	14.1	.1			93									
Wet Bulb	2835929	50491	54.3	10.097	930		2.3	7.8				57									
Dew Point	2672378	48703	52.4	11.458	930		7.3	5.0				67									

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM AND DISOBTI

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12886 KENNEDY SPACE CENTER FL 69-70, 73-80 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
74/ 73		.1	.1																													2	2			
72/ 71		.3	.6																													9	9			
70/ 69		1.5	1.2	.1	.2																										28	28	4			
68/ 67	.8	4.9	.6																												59	59	45	26		
66/ 65	1.1	5.6	.6	.6	.2																										76	76	68	71		
64/ 63	1.9	4.7	1.4	1.3	.1																										88	88	79	77		
62/ 61	1.2	4.8	1.7	.4	.1																										70	70	68	6		
60/ 59	1.4	4.6	1.7	.3	.1																										69	69	74	5		
58/ 57	1.5	3.7	1.6	.4	.1																										68	68	75	79		
56/ 55	2.4	4.7	2.3	.3	.1																										90	90	67	77		
54/ 53	.9	3.9	.9		.7																										53	53	77	61		
52/ 51	1.1	3.5	.8	.2																											51	51	60	57		
50/ 49	.8	2.3	.4	.3	.1																										32	32	41	51		
48/ 47	.1	2.0	.4	.8																											30	33	21	38		
46/ 45	.1	2.3	1.9	.1																											41	41	30	34		
44/ 43	.2	2.4	1.1	.6																											39	39	41	37		
42/ 41	.2	1.5	1.4	.1																											30	30	32	27		
40/ 39	.1	1.4	1.4	.4	.1																										31	31	35	30		
38/ 37	.1	.6	.4	.2																											17	17	24	23		
36/ 35	.1	1.3	.4	.2	.1																										18	18	21	25		
34/ 33	.3	.8	.4	.1	.2																										15	15	25	30		
32/ 31	.5	.5	.2																												7	7	8	20		
30/ 29	.3		.2																												4	4	12	17		
28/ 27	.4																														3	3	7	14		
26/ 25																																		3		
24/ 23																																				
22/ 21																																				
20/ 19																																				
18/ 17																																				
16/ 15																																				
14/ 13																																				
12/ 11																																				
10/ 9																																				
8/ 8																																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1996 KENNEDY SPACE CENTER FL 69-70, 73-81
STATION STATION NAME YEARS
PAGE 1 1600-0000
MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
71		.8	1.4		.2													12	12		
70	.2	1.6	1.5															33	33	13	1
69	.6	3.3	1.7	.1														46	46	37	27
68	2.6	4.9	.6	.8	.7													56	56	67	64
67	1.7	3.7	.9	1.4	.1													72	72	71	64
66	1.7	4.8	.9	.3	.4													69	69	61	67
65	1.1	3.7	.3	.6														53	53	70	49
64	2.3	5.3	.9	.4														92	92	81	67
63	1.7	3.7	2.1	.2	.1													72	72	61	75
62	1.7	4.5	1.4	.1	.1	.1												67	67	65	57
61	.9	4.3	.9	.2														53	53	71	69
60	.7	2.4	.8	.2	.1													35	35	46	49
59	.4	2.4	.4															30	30	40	52
58	.2	2.9	.3	.4														40	40	39	27
57	.1	1.3	.9	.3														23	23	72	26
56	.2	1.6	1.7	.2														29	29	21	29
55	.3	1.6	1.1	.4														31	31	34	27
54	.1	.9	.9	.6														23	23	23	21
53	.1	1.3	.9	.1														22	22	21	30
52		1.3	.9															17	17	23	16
51			.5	.1														11	11	24	20
50		.1	.5	.2														9	9		11
49			.2															3	3	4	10
48		.2																2	2	1	9
47																					
46																					
45																					
44																					
43																					
42																					
41																					
40																					
39																					
38																					
37																					
36																					
35																					
34																					
33																					
32																					
31																					
30																					
29																					
28																					
27																					
26																					
25																					
24																					
23																					
22																					
21																					
20																					
19																					
18																					
17																					
16																					
15																					
14																					
13																					
12																					
11																					
10																					
9																					
8																					
7																					
6																					
5																					
4																					
3																					
2																					
1																					
TOTAL	14.9	56.2	18.9	7.1	1.3	.1												930	930	930	930

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7324538	31872	88.0	11.224	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	276762	50838	54.7	10.257	930		2.5	9.1				4.1
Wet Bulb	2697322	49116	52.9	10.548	930		4.8	6.0				4.1
Dew Point	2561359	47527	51.1	11.944	930		9.1	3.2				5.1

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17886 KENNEDY SPACE CENTER FL 69-70, 73-87 JAN 1970-1970
 STATION STATION NAME YEARS MONTH HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																		
79					.1																														3			
77			.1	1.0	.1																														20	13		
75			1.0	3.0	1.4																														67	60		
73		.2	3.0	2.4	.2			.5	.2																										62	62	4	
71		1.3	3.2	1.5	1.0			.9																											73	73	1	
69	.4	2.4	2.9	1.7	1.8			.5	.1																										92	97	92	43
67	.9	2.8	2.2	1.7	1.1			.6	.3																										90	90	91	67
65	.2	3.1	.8	1.2	1.1			.3	.1																										63	63	75	97
63	.1	2.7	1.2	1.0	.6			.8																											67	67	76	65
61	.2	2.6	1.8	1.1	.3			.1																											69	69	79	62
59	.3	2.8	1.3	1.4	.4			.2		.4																									63	63	68	66
57	.3	1.8	1.4	.6	.4			.3																											46	46	71	62
55	.1	1.3	1.2	.9	.4			.5																											43	43	67	64
53		1.5	.6	.9	.3			.3																											31	31	41	60
51		.9	1.1	.4	.5			.4	.2																										31	31	34	28
49		.6	.9	1.5	.3			.1																											32	32	33	60
47		.4	.9	.8	.4			.2		.1																									26	26	27	34
45		.1	.8	.9	.2			.1	.1																										21	21	26	21
43		.1	.2	.8	.7			.2																											17	17	24	18
41		.2	.4	1.1	.3																														18	19	24	21
39			.6	.3	.2			.1																											10	10	19	24
37			.3	.4																															6	6	19	25
35			.3	.3																															6	6	11	25
33			.3	.1	.1																														5	5	7	11
31			.1	.3																															4	4	12	13
29				.1																															1	1	3	19
27				.1																															1	1	6	9
25																																					3	8
23																																					8	8
21																																					12	12
19																																					2	2
17																																					4	4
15																																					6	6
13																																					8	8
11																																					12	12
9																																					17	17
7																																					27	27
Element (X)	Σ X ²		Σ X		Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17886 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70, 73-87 YEARS

JAN MONTH

PAGE 1 09-10-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb	Dew Point	
T 11	0.3	2.4	7.2	6.2	5.4	13.1	6.5	1.6	0.2											975		975

Element (X)	ΣX²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F
Rel. Hum.	5472008	76012	75.3	14.723	93							
Dry Bulb	3674792	57667	62.0	10.330	93		0.6	39.0	13.5	0.1		
Wet Bulb	3194537	53517	57.5	10.626	93		2.3	21.8	0.4			
Dew Point	2541184	49948	53.7	13.168	93		8.6	13.5				

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A102 401

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KENNEDY SPACE CENTER, FLORIDA. REVISED UNIFORM SUMMARY OF SURFA--ETC(II)
MAY 81

UNCLASSIFIED

UAFETAC/DS-81/062

SRIE-AD-E850 093

NL

4 OF 5

AD
A102 401

A large grid consisting of 10 columns and 10 rows of cells. The majority of the cells are filled with solid black, obscuring any text or data that might have been present. Only the top-left cell of the grid is white and contains the text '4 OF 5' and 'AD A102 401'.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1986 KENNEDY SPACE CENTER FL 69-70, 73-87 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 12 1-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
91				.1		.2	.3	.1									11	11	
79				.4	1.1	1.1	.4										30	30	
77			.1	1.1	6.5	1.4											34	34	
77			.2	4.1	2.1	1.3	.3										31	31	
73		.2	1.3	1.4	2.5	2.8	.3	.2									33	33	7
71		.4	1.9	1.3	3.3	2.3	1.1										33	33	49
69		.4	1.1	1.8	1.9	2.2	.5										71	71	141
67	.1	.9	1.9	.5	1.3	2.4	.3	.1	.1								67	67	49
65	.1	1.0	.3	1.7	.4	1.5	1.1	.4	.3								65	65	71
63		.5	.9	.9	1.1	.3	.3	.1	.3								44	44	98
61	.2	.6	1.2	1.1	1.1	.5	.3	.1	.3								46	46	50
59	.1	1.4	1.1	1.3	.9	.4	.3	.4	.2								55	55	75
57	.3	.4	1.0	.8	1.1	.3	.3	.2	.1								41	41	64
55		.6	.2	1.1	.4	.2	.3	.1	.1								30	30	44
53		.1		1.1	.4	.8	.3	.1									28	28	54
51		.3		1.2	.4	.4	.3	.3									30	30	27
49				1.3	.9	.2	.4										26	26	30
47		.2	.1	.6	.2	.2	.3										16	16	25
45		.1	.2		.4												9	9	32
43			.3	.3													5	5	32
41			.1	.2	.1	.2											6	6	14
39			.1	.1	.1	.2											5	5	14
37				.2													2	2	16
35																			9
33				.3													2	2	3
31																			6
29																			14
27																			2
25																			
23																			7
21																			6
19																			7
17																			11
15																			6
Element (X)	Σ X ²		Σ X		X̄		σ _X		No. Obs.		Mean No. of Hours with Temperature								
Ref. Num.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																			
Wet Bulb																			
Dew Point																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

17-86 KENNEDY SPACE CENTER FL 69-70, 73-8 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 1969-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb		Dew Point		
74/ 87																			2	2			
74/ 81																			5	5			
74/ 79				.1	.3	.3	.3	.2											12	12			
74/ 77				1.4	2.4	.6	.2												43	43			
76/ 75			.3	4.4	2.7	.8	.8												76	76			
74/ 73		.1	1.9	3.5	1.4	1.5	.2	.1											89	89			
74/ 71		.5	3.7	1.7	2.2	.8	.7	.1											79	79	41	2	
74/ 69		1.0	3.2	2.3	2.2	1.2	.4												63	63	104	20	
68/ 67		.8	2.1	1.2	1.8	1.2	.2	.1	.1	.1	.1								69	69	108	74	
66/ 65	.1	1.3	2.3	1.9	1.6	1.2	.3	.1	.1	.2	.1								81	81	73	8	
64/ 63	.1	.6	1.7	1.3	1.4	1.5	.5	.1	.1										62	62	87	80	
62/ 61		1.4	1.1	.5	1.7	.4	.2	.3	.2										48	48	72	60	
62/ 59	.3	.6	1.2	1.7	.9	.3	.4	.2											52	52	81	80	
62/ 57		1.5	.4	1.3	1.7	.5	.4	.1											49	49	49	49	
62/ 55		.5	.6	.6	1.7	.6	.3	.6	.1										43	43	56	60	
64/ 52		.2	.4	1.2	.9	.3	.2	.2	.2	.1									36	36	46	63	
62/ 51		.4	.4	1.1	.3	.5	.3	.1	.1										27	27	35	35	
62/ 49	.1	.3	.1	1.2	.4	.3	.2	.1	.1										29	29	41	38	
62/ 47	.1	.3		.4	.5														13	13	36	41	
62/ 45				.1	.1		.1	.1											5	5	13	38	
64/ 43				.3	.3	.2		.1	.1										7	7	23	27	
62/ 41				.3		.2	.1												5	5	16	18	
64/ 39			.1			.1													2	2	14	24	
62/ 37				.2	.2														3	3	8	22	
62/ 35																					2	17	
64/ 33																					3	15	
62/ 31																					7	15	
62/ 29																						14	
64/ 27																						11	
66/ 25																						7	
64/ 23																						7	
62/ 21																						7	
62/ 19																						7	
62/ 17																						2	
Element (X)	Σ X'		Σ X		X	No. Obs.		Mean No. of Hours with Temperature						Total									
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1968 KENNEDY SPACE CENTER FL 69-70, 73-90 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point																	
10/ 15																																					
4/ 13																																					
7/ 7																																					
7/ 5																																					
-7 -3																																					
TOTAL	.0	9.2	18.7	26.9	21.7	12.2	6.3	3.1	.8	.3	.1																								930	930	930

Element (X)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	4459498	62722	67.4	15.712	930			46.8	22.7	1.2		93
Wet Bulb	3304598	54768	58.9	9.239	930			7	23.6	.3		93
Dew Point	281355	49818	53.8	12.489	930	.1	7.3	10.5				93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12486 KENNEDY SPACE CENTER FL
 STATION STATION NAME

69-70,73-d
 YEARS

JAN
 MONTH

PAGE 1 18 0-0000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
75/ 77						.1												1	1	
75/ 75						.2												2	2	
74/ 73		.4	1.0	.4	.2													19	19	
72/ 71		2.5	3.2	.4														57	57	6
70/ 69	.2	4.9	3.5	.3	.2													81	81	25
69/ 67	.3	4.7	2.9	1.0	.3	.1												89	89	78
67/ 65	.5	4.3	2.2	1.7	.1	.1												83	83	69
64/ 53	.1	5.2	2.6	1.2	.8													91	91	75
62/ 51	.4	3.7	1.4	1.3	.5	.1												53	63	70
62/ 59	.1	3.5	1.6	1.1	1.1	.1	.1											70	70	73
60/ 57		3.3	2.7	.3	.8	.1												67	67	77
59/ 55		3.4	1.5	.9	.2	.4	.2											67	67	70
54/ 53		1.6	1.4	1.0	.4	.4												45	45	58
52/ 51		1.1	.8	.6	.8	.3	.1											34	34	43
51/ 49		1.3	1.0	.3	.3	.2	.2											36	36	43
51/ 47		1.6	1.0	1.0	.4	.2	.1											40	40	34
49/ 45		.5	1.6	.9	.3													31	31	26
44/ 43		.5	.3	1.0	.4													21	21	40
42/ 41		.8	.1	.2														10	10	23
41/ 39		.2	.5		.3													10	17	24
38/ 37		.1	.2	.1														4	4	18
36/ 35			.4															4	4	9
34/ 33		.2	.2															4	4	3
32/ 31		.1																1	1	10
31/ 29																				2
29/ 27																				
28/ 25																				10
24/ 23																				3
22/ 21																				2
19/ 19																				1
18/ 17																				1
16/ 15																				1
TOTAL	1.7	43.0	30.1	14.3	7.6	2.9	.8											930	930	930
Element (X)	Σx'	Σx	Σ	σ _s	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	6200260	74884	80.5	13.550	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	3393705	55579	59.8	8.814	930		.1	24.9	2.2			93								
Wet Bulb	3046778	52490	56.4	9.520	930		1.2	14.3				93								
Dew Point	2787603	49755	53.5	11.633	930		6.5	10.3				93								

USAFETAC FORM JAN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1988 KENNEDY SPACE CENTER FL

69-70,73-80

YEARS

JAN

PAGE 1 21 0-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.1	.4	.1													6	6			
73/ 71		1.2	1.9	.4													33	33	4	1	
72/ 59	.2	4.1	1.3	.3	.1												56	56	7	16	
70/ 67	.8	4.5	1.8	.9	.4												79	79	73	53	
76/ 65	1.1	5.6	.6	1.7	.3	.1											87	87	73	66	
74/ 63	.4	5.4	1.6	1.1	.4												83	83	70	76	
72/ 61	.2	5.1	1.1	.1	.3												63	63	70	53	
71/ 59	.6	5.6	1.3	1.1	.3												82	82	64	62	
71/ 57	.2	4.4	1.7	.4	.4	.2	.1										70	70	78	75	
58/ 55	.2	3.7	2.2	.5	.6	.1											67	67	53	64	
74/ 53	.1	2.4	1.5	.3	.2	.2											48	48	66	51	
72/ 51		2.6	.4	.5	.3												36	36	40	41	
57/ 49		2.0	.9	.6	.4	.2											39	39	47	47	
48/ 47		1.4	1.3	1.1	.1												36	36	36	41	
46/ 45		2.4	1.3	.4	.1	.1											40	40	33	27	
44/ 43		1.6	.3	.4	.6												32	32	44	29	
42/ 41		.3	.6	.3	.2												14	14	36	39	
41/ 39	.2	.9	.6	.1	.1												17	17	17	23	
75/ 37	.1	1.2	.2	.4													18	18	29	24	
76/ 35		.4															4	4	17	31	
34/ 33		.4															4	4	11	27	
72/ 31	.2	1.1	.1														12	12	9	16	
70/ 29	.1	.3															4	4	7	16	
78/ 27																			3	11	
75/ 25																				7	
74/ 23																				5	
72/ 21																				4	
71/ 19																				1	
73/ 17																				1	
TOTAL	4.4	56.6	21.6	11.2	5.2	1.0	.1											930		930	930
																		930		930	
Element (X)	Σ X'	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature			
Rel. Hum.	6751467	78369	84.3	12.455	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3161967	53487	57.6	9.609	930		1.6	17.4	.6											93	
Wet Bulb	2898692	51784	54.9	9.989	930		1.9	10.7												93	
Dew Point	269956	48953	52.6	11.59	930		6.1	7.5												93	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-86 KENNEDY SPACE CENTER FL 69-70,73-67
STATION STATION NAME YEARS MONTH
PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
63																																2	2				
64					.1																											16	16				
65				.1	.2																											45	45				
66			.1	.2	.3																											148	148				
67			.1	.2	.3	.4																										279	279	2			
68			.1	.2	.3	.4	.5																									262	262	14			
69		.1	.2	.3	.4	.5	.6																									372	372	135	14		
70	.1	.2	.3	.4	.5	.6	.7																									498	498	450	160		
71	.1	.2	.3	.4	.5	.6	.7	.8																								579	579	540	400		
72	.1	.2	.3	.4	.5	.6	.7	.8	.9																							630	630	540	610		
73	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1																						526	526	620	590		
74	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1																					477	477	570	517		
75	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1																				525	525	597	537		
76	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1																			506	506	570	530		
77	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1																		474	474	479	549		
78	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1																	374	374	460	430		
79	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1																289	289	367	407		
80	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1															261	261	315	350		
81	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1														274	224	259	321		
82	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1													218	218	253	200		
83	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1												187	197	271	217		
84	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1											141	141	227	210		
85	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1										128	128	184	200		
86	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1									98	98	154	180		
87	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1								64	64	127	100		
88	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							54	54	90	100		
89	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							41	41	86	140	
90	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1						23	23	42	120	
91	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					7	7	23	87	
92	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				2	2	17	40	
93																																				2	30
94																																					40
95																																					37
96																																					37

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1986 KENNEDY SPACE CENTER FL 69-70,73-80 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 F000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/71		1.2	.5															14	14		
71/69		1.4	1.4															24	24	17	
67/67	.4	4.8	1.3	.4	.1	.1												61	61	26	24
66/65	.2	5.1	.5	1.5														62	62	49	54
63/63	.3	2.8	.4	.4	.1													33	33	45	38
61/61	.5	4.1	.4	.4	.2	.1												53	53	40	49
59/59		4.7	.8	.2	.4													52	52	59	37
57/57		4.5	1.3	.9	.5													65	65	51	37
55/55	.4	4.3	1.3	.7														56	56	53	55
53/53	.5	3.4	2.1	1.1		.2												61	61	55	55
51/51	.2	3.7	1.1	.5	.4	.1												50	50	57	57
49/49	.2	3.8	1.2	1.3														59	59	55	51
47/47	.4	3.8	1.9	.7														57	57	53	43
45/45	.1	3.8	1.9	.7	.4													58	58	64	61
43/43		2.8	1.3	1.2														45	45	54	43
41/41		3.3	.6	.2														35	35	46	46
39/39	.6	.7	.6	.2														18	18	42	59
37/37	.2	1.8	.4															20	20	28	34
35/35	.1	1.1	.2															12	12	22	29
33/33	.1	.4																4	4	8	20
31/31	.1	.5																5	5	4	23
29/29		.1																1	1	5	9
27/27		.1																1	1	1	9
25/25																					5
23/23																					1
TOTAL	4.3	62.2	20.0	10.9	2.1	.6												846	846	846	846

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2566158	45910	54.3	9.406	846		.7	9.8				24
Wet Bulb	2360458	43952	52.0	9.548	846		1.0	4.3				24
Dew Point	2195842	42154	49.8	10.626	846		4.8	3.3				24

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1955 KENNEDY SPACE CENTER FL 69-70,73-30 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 7310-15.1
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/71		.4	.2															5	5				
71/69	.1	2.5	.6															23	23				
70/67	.1	4.6	.7	.1	.2	.1												57	57	56	57		
69/65	.6	4.6	.7	.2														43	43	43	43		
68/63	.4	3.7	.9	.1	.1													35	35	43	43		
67/61		3.0	.6	.1	.2													59	59	52	41		
66/59	.4	5.1	.8	.2	.5													50	50	46	47		
65/57	.4	4.3	.3	.4	.4													65	65	47	57		
64/53	.5	5.7	1.3	.4	.1													67	67	69	67		
63/51	.4	3.7	1.3	.3	.5	.1												52	52	61	61		
62/49	.4	3.9	2.1	.5	.2													59	59	44	42		
61/47	.4	5.2	2.1	.4														68	58	64	42		
60/45	.4	4.3	1.4	.2														53	58	69	53		
59/43	.1	3.7	.7	.6														43	43	61	54		
58/41	.5	3.0	1.2	.6														44	44	43	57		
57/39	.2	1.4	.6	.2														71	21	34	57		
56/37	.5	.9	.4	.1														16	16	29	37		
55/35	.1	.9	.4	.1														13	13	15	17		
54/33	.1	.6																6	6	10	17		
53/31		.6		.1														6	6	6	27		
52/29	.4	.1																4	4	8	17		
51/27	.1	.1																2	2	3	17		
50/25																					7		
49/19																					2		
48/18																					1		
TOTAL	6.1	67.7	17.7	5.6	2.4	.9												846	846	846	846		
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	6485337	73533	86.9	10.545	846	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	2483268	45142	53.4	9.391	846		1.2	7.7				84											
Wet Bulb	2306347	43431	51.3	9.529	846		1.7	4.0				84											
Dew Point	2165633	41855	49.5	10.598	846		6.0	7.2				84											

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1988 KENNEDY SPACE CENTER FL 62-70, 73-81
 STATION STATION NAME YEARS MONTH
 PAGE 1 10 DE 88
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/71		.2	.2															4	4		
71/69		3.5	.2			.1												38	38	7	
70/67	.6	3.9	.4		.4													46	48	47	
69/65	.9	2.7	.9	.9														43	48	43	
68/63	.7	3.3	1.3		.2	.1												48	48	44	33
67/61	.3	5.3	.4			.1												48	48	75	54
66/59	.1	4.4	1.1		.2	.6												54	54	59	37
65/57	.1	4.4	.7	.9														52	52	44	26
64/55	.9	5.0	1.5	.4														52	52	43	49
63/53		5.3	1.4															54	54	53	55
62/51	.1	4.1	1.4		.1													49	49	53	53
61/49	.5	3.7	2.1	.2	.7													61	61	54	49
60/47	.6	5.2	1.5	.4	.5													69	69	55	67
59/45	.2	4.3	1.4	.3														58	58	58	61
58/43	.4	2.7	1.2	.2														58	58	49	43
57/41	.5	3.4	.9	.4														43	48	53	39
56/39	.1	1.9	.8	.2	.1													50	50	49	46
55/37	.4	1.2	.3	.4														52	52	31	37
54/35	.2	.7	.1	.1														15	15	15	27
53/33	.2	.6																7	7	17	19
52/31	.1	.4	.1	.2														7	7	14	25
51/29		.5																4	4	5	14
50/27		.4																3	3	4	8
49/25		.1																1	1	5	8
48/23																					4
47/21																					5
46/19																					2
45/17																					5
44/15																					1
TOTAL	1.5	66.1	18.9	5.3	2.8	.2												846		846	846

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6454586	73376	86.7	10.630	846	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2485549	45110	53.3	9.743	846		1.5	9.7				84
Wet Bulb	2307286	43376	51.3	9.930	846		2.6	5.4				84
Dew Point	2167001	41783	49.4	11.061	846		6.5	4.0				84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 786 KENNEDY SPACE CENTER FL 64-70,75-27 YEARS FEB
STATION STATION NAME MONTH

PAGE 1 64-11
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
77				.7	.9	.1												4	4	
77				.7	.9	.1	.1											16	16	
75			.4	1.4	.7													16	16	
71			2.3	1.1	.8	1.1	.1	.1										44	44	
71		.8	2.4	1.2	1.1	.4	.4	.1										58	58	78
69	.1	1.7	1.2	1.7	1.1	.8	.4											58	58	46
67	.2	2.1	1.3	1.7	.8	.9	.9											68	68	84
65	.1	1.1	1.4	2.1	1.3	1.3	.3	.1										72	72	4
63	.4	1.3	1.1	.9	1.7	1.1	.5	.2	.1									65	65	4
61		1.7	2.1	.3	2.6	.2	.1	.2										66	66	4
59		1.7	2.4	1.3	1.2	.8	.4	.1										70	70	57
57		1.2	2.1	2.2	1.7	.5	.9	.1										70	70	7
55	.1	1.7	.9	1.5	1.2	.1	.4	.4										49	49	78
53	.1	.9	.9	1.3	1.3	.7	.3	.1										45	45	7
51		.4	.3	.9	.8	.4	.2											29	29	8
49		.1	1.4	1.7	.8	.4												34	34	4
47		.7	1.2	.3	.7	.1	.1	.1										72	72	4
45			.3	.3	.1	.1	.1											13	13	46
43		.1	.4	.3	.4													9	9	3
41			.1	.7	.4													7	7	3
39			.4	.1														4	4	3
37			.4	.1														3	3	6
35				.1														1	1	11
33					.1													1	1	5
31																				1
29																				1
27																				1
25																				1
23																				1
21																				1
19																				1
17																				1
13																				1
9																				1
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 104-10 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1986 KENNEDY SPACE CENTER FL 69-70, 73-97 FE
 STATION STATION NAME YEARS MONTH

PAGE 1 12-1-1986
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
87/87																		1	1	
86/85						.1												1	1	
84/83							.1											5	5	
82/81							.7											15	15	
81/79				.1	.1	1.1	.5	.1										24	24	
79/77				.5	1.4	1.5	.9	.1										42	42	1
78/76			.1	1.5	2.4	2.2	.7	.4							.2			68	68	
74/72			.1	2.2	1.7	2.5	.9	.5	.2									65	65	7
72/71		.2	1.4	1.1	1.1	1.3	1.5	.6	.1									52	52	32
71/69		.2	.9	.7	.9	2.5	2.6	.8	.1	.1								67	67	57
69/67		.4	1.2	.9	1.5	1.9	1.1	.6	.1									55	55	68
67/65		.6	.6	1.1	2.2	1.2	1.5	.8	.1									72	72	47
65/63		.4	.6	.6	2.1	1.2	.9	.7										55	55	27
63/61		.5	.6	1.1	1.3	1.3	.3	1.4	.3									42	42	37
61/59		.7	.7	1.7	2.4	.7	.7	.3										65	65	73
59/57	.1	.9	.5	.6	1.2	.9	.3	.3										45	45	41
57/55		.5	.2	.7	1.3	.8	.4	.4										35	36	67
47/52		.4	.8	.7	.9	.2	.2											26	26	66
51/51			.2	.6	1.1	.6		.1										22	22	50
47/47		.6	.2	1.3	.1	.1	.4											23	23	38
47/47	.1			.1		.6	.1											8	8	49
47/45			.4	.1														4	4	33
44/43			.2	.2	.1													5	5	23
42/41			.2	.1														3	3	15
41/39			.1															1	1	3
37/37																				11
35/35																				1
33/33																				
31/31																				19
29/29																				9
27/27																				7
25/25																				4
24/23																				5
22/21																				4
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1966 KENNEDY SPACE CENTER FL 69-70,73-87
STATION STATION NAME YEARS MONTH

PAGE 1 1966-17
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
67/35									.1									1	1																	
47/37									.1									5	5																	
67/31									.2									8	8																	
67/29					.1	.4	.7	.9	.2									11	11																	
76/27				.7	1.3	.4	.4	.6		.1								29	29																	
66/25			.5	1.3	1.4	1.3	.6	.7		.1								34	34																	
64/22			1.5	2.7	1.9	.7	.5	.6	.3	.1	.1							73	73	3																
62/21		.2	1.9	1.3	2.7	.7	.3	.5	.2	.1	.1							70	70	34	1															
67/69	.2	1.4	.5	1.7	.7	1.1	.1	.6	.1									54	54	50	23															
66/67	.4	.3	.5	3.7	1.7	.6	.5	.2										64	64	55	36															
67/65	.6	.4	1.5	3.7	1.4	1.5	.5	.2	.1									73	73	53	32															
47/63	.6	.1	1.4	1.7	1.9	1.1	.5	.4		.1								65	65	49	46															
67/61	.5	.3	1.5	1.1	1.1	.9	.4	.1										55	55	42	31															
67/59	1.3	1.2	1.3	1.4	.8	.9	.6	.2										62	62	75	36															
67/57	1.2	.9	1.2	1.4	1.1	1.2	.1											61	61	49	36															
67/55	.8	1.1	1.2	1.4	.6	.9												54	54	39	63															
47/53	.6	.6	.9	.9	.5	.2	.2											32	32	32	37															
67/51	.2	.5	.2	.7	.6	.4												22	22	51	73															
67/49	.4	.1	1.3	.4														31	21	53	43															
47/47	.2	.2	.4															7	7	46	53															
46/45			.1	.3														5	5	37	34															
44/43			.2															2	2	25	43															
62/41			.1															1	1	12	34															
47/39			.1															2	2	12	43															
62/37																				1	3															
62/35																				2	16															
34/33																					18															
62/31																					32															
62/29																					9															
67/27																					3															
66/25																					7															
64/23																					3															
62/21																					1															
67/19																					1															
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-3 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-86 STATION KENNEDY SPACE CENTER FL 69-70,73-8 YEARS FEB MONTH
PAGE 1 18-0-2007 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point
81																		1	1	
79							.1											1	1	
77					.1	.4												4	4	
75			.1	.1	.1	.1												4	4	
73		.4	.8	.9	.1	.2												17	17	
71		1.5	2.4	.4	.2	.2												40	40	9
69		2.7	3.9	1.2	.2	.1	.1	.1										65	65	31 18
67		2.4	3.2	.7	.5			.1										58	58	31
65		3.4	2.1	2.5	.5	.6	.2											78	78	50 45
63		2.4	1.9	1.8	1.5		.4											67	67	51 57
61	.1	1.7	1.9	.7	.9	.6												50	50	53 56
59		2.4	2.4		1.1	.2		.1										62	62	58 45
57		3.4	1.8	1.8	1.1	.2		.1										71	71	64 53
55		3.4	2.4	.9	1.7	.2	.1	.1										74	74	68 55
53	.1	3.0	1.1	2.0	.4	.5	.1											60	60	60 60
51		.9	3.2	.7	.5	.4		.1										46	46	65 74
49		.9	1.8	1.3	.6	.1												42	42	46 36
47		1.9	1.3	1.3	.5	.1												43	43	63 43
45		.9	1.5	.9	.1	.1												27	27	46 48
43		.9	.7	.6														18	18	43 41
41		.1	.2	.4	.1													7	7	32 45
39		.4																3	3	14 35
37		.2	.2															4	4	13 39
35		.4																3	3	4 15
33		.1																1	1	0 12
31																				0 19
29																				7
27																				3
25																				1
23																				1
21																				7
19																				3
TOTAL		.232	.532	.518	.410	.244	1.2	.9	.1									846	846	846
Element (X)	ΣX^2	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	5146953	65019	76.8	13.348	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	3020992	90042	59.2	8.492	846			13.9	2.7	.2		24								
Wet Bulb	2636543	46653	55.1	8.692	846			9.7				64								
Dew Point	2342534	43623	51.6	10.446	846		3.9	4.9				54								

USAFETAC FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17886 KENNEDY SPACE CENTER FL 69-70,73-87 FEB
 STATION STATION NAME YEARS MONTH

PAGE 1 01 6-23-17
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
72/ 75					.1													1	1	
74/ 73				.2	.1													3	3	
72/ 71		1.9	1.9															29	29	3
71/ 69		1.4	2.1	.1														30	30	24 13
69/ 67		3.1	2.4	.4		.1												50	50	35 27
67/ 65	.6	5.7	.7	1.7	.9	.1												42	32	35 45
64/ 63		2.4	1.7	1.1	.9													47	47	54 52
62/ 61		2.4	1.8	.5	.4													42	42	53 44
61/ 59	.5	3.1	1.9	1.9		.1												63	63	55 36
59/ 57	.1	5.0	1.8	.6	.9													62	62	59 45
57/ 55	.1	4.4	1.4	1.3	.4	.1												65	65	72 59
54/ 53	.4	4.0	1.8	.8	.7	.1												59	59	56 62
52/ 51		2.5	.9	1.4	.4	.1												45	45	54 65
51/ 49		2.8	1.4	1.3	.3	.2												61	61	44 57
49/ 47	.1	3.2	1.2	1.7	.2	.1												55	55	53 32
46/ 45		3.3	1.4	1.1														49	49	56 51
44/ 43		2.1	.3	.7														32	32	51 45
42/ 41	.1	1.8	.4	.4														22	22	45 38
41/ 39	.1	1.3	.5	.1														17	17	36 46
39/ 37		.7	.3	.3														8	8	22 32
36/ 35		.9	.2	.1														11	11	9 35
34/ 33		.5	.1															5	5	10 27
32/ 31		.7																6	6	7 17
31/ 29		.2																2	2	5 9
26/ 27																				2 17
26/ 25																				5
22/ 21																				2
20/ 19																				1
TOTAL	2.1	53.2	23.3	16.0	4.5	1.1												846	846	846
Element (X)	Z _X ²	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature														
Rel. Num.	5877487	69777	82.5	12.0	34	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	2697908	47106	55.7	9.4	21	846		.8	11.2	.4			84							
Wet Bulb	2441967	44725	52.9	9.5	78	846	1.4	6.2					34							
Dew Point	2235203	42509	50.2	10.8	38	846	4.4	4.0					84							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1986 KENNEDY SPACE CENTER FL 69-75, 73-87 FF--
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
87/87																		1	1		
87/85																		2	2		
87/83																		10	10		
87/91																		24	24		
77/79																		54	54		
77/77																		91	91		
75/75																		153	153		
74/73																		22	22		
71/71																		254	254		
69/69																		359	359		
67/67																		462	462		
66/65																		544	544		
63/63																		423	423		
61/61																		411	411		
59/59																		477	477		
57/57																		476	476		
55/55																		461	461		
53/53																		404	404		
51/51																		315	315		
49/49																		360	360		
47/47																		339	339		
45/45																		272	272		
44/43																		192	192		
42/41																		162	162		
39/39																		86	86		
37/37																		73	73		
35/35																		55	55		
34/33																		24	24		
31/31																		24	24		
29/29																		11	11		
27/27																		6	6		
25/25																		1	1		
23/23																					
22/21																					
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12780 KENNEDY SPACE CENTER FL 69-77, 73-81
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-10.0
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point															
76/ 75			.4																												4	4			
74/ 73		1.2	.9	.1																											20	20	1		
72/ 71		4.1	1.3	.4	.1																										55	55	22	17	
70/ 69	.9	8.5	4.8	.5	.1																										108	108	74	54	
68/ 67	.9	6.4	3.4	1.3	.2																										117	117	109	102	
66/ 65	1.2	5.3	1.9	1.2	1.1																										98	98	113	91	
64/ 63	.3	4.2	2.3	1.7	.3																										42	42	61	91	
62/ 61	.2	3.9	1.2	1.9	.5																										72	72	67	63	
60/ 59	.4	5.4	2.2	.9	.3	.3	.1																								35	35	76	59	
58/ 57	.1	3.2	1.4	.1	.1	.1																									45	45	34	79	
56/ 55		2.4	1.1	1.3	.2																										43	43	63	54	
54/ 53		2.1	1.1	.9	.4																										41	41	41	49	
52/ 51		1.5	1.1	.2		.1																									37	37	41	52	
50/ 49	.1	2.3	1.1	.1	.2																										35	35	37	31	
48/ 47	.2	1.6	1.7	.3																											29	29	47	39	
46/ 45		.3	.4	.1																											12	12	24	34	
44/ 43		.3	.1																												4	4	14	25	
42/ 41																																4	4	11	26
40/ 39		.1	.2																												3	3	2	15	
38/ 37		.2																													2	2	3	6	
36/ 35																																2	2	2	3
34/ 33		.3	.1																												4	4	1	4	
32/ 31		.1	.1																												2	2	3	1	
30/ 29																																		1	5
28/ 27																																		1	
26/ 25																																		1	
24/ 19																																		1	
TOTAL	4.3	53.3	25.9	10.8	4.8	.8	.1																									928	928	928	

USAFETAC FORM 0-26-5 (OL A) 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6349598	79079	85.2	10.947	928	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3639134	57684	62.2	7.634	928			33.5	2.4			93
Wet Bulb	3346676	55230	59.9	8.722	928			20.6	.1			93
Dew Point	3152095	53413	57.6	9.161	928			16.8				93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1985 KENNEDY SPACE CENTER FL
 STATION STATION NAME

69-70, 73-87
 YEARS

MAR
 MONTH

PAGE 1 0300-1500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
75 / 75			.1															1	1		
74 / 73		.9	.3															10	10		
73 / 71		2.2	.9															28	28	14	4
72 / 69	1.7	8.0	3.1	.3														115	115	56	40
71 / 67	1.4	6.3	2.5	.4	.4													102	102	69	66
70 / 65	1.4	6.9	1.3	1.3	.2													89	99	96	66
69 / 63	1.1	6.9	1.3	.9	.4													103	103	97	92
68 / 61	.6	4.7	1.5	.9	.2													74	74	73	73
67 / 59	.6	5.0	1.8	1.4	.3													65	65	67	77
66 / 57	.4	3.6	1.3	.3	.1													33	53	73	53
65 / 55	.3	3.1	.8	.4	.7													48	48	69	66
64 / 53	.3	4.2	1.1	.4	.7													60	60	56	64
63 / 51	.2	2.5	1.3	1.7														46	46	47	69
62 / 49		2.3	.5	.1														27	27	41	42
61 / 47		2.3	.5	.8														33	33	43	30
60 / 45	.1	1.5	.9	.1														24	24	34	36
59 / 43		.3	.6	.2														15	15	13	23
58 / 41																				16	14
57 / 37		.3																3	3	5	13
56 / 37																				3	1
55 / 35																					7
54 / 33		.1																1	1		5
53 / 31		.5																5	5		5
52 / 29																					5
TOTAL	9.0	60.9	20.4	8.4	2.3													927	927	927	927
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	7257459	31513	87.9	9.851	927	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$										
Dry Bulb	3481697	56367	60.8	7.706	927			.9	25.7	1.1		927									
Wet Bulb	3252019	54403	58.7	8.000	927			.9	17.0			927									
Dew Point	3101623	52981	57.2	8.915	927			.7	14.1			927									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 86 KENNEDY SPACE CENTER FL 69-71, 73-87
STATION STATION NAME YEARS MONTH
PAGE 1 0600-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
70 / 75			.3																														2	2				
74 / 73		1.0	.8	.3																														25	25			
77 / 71	.1	3.1	1.7	.2	.1																													49	49	24	17	
77 / 69	.9	7.9	2.2	1.7	.4	.2	.1																											117	117	70	50	
77 / 67	.6	7.1	2.3	.6	.2	.1																												112	112	56	84	
67 / 65	1.3	7.4	1.7	.3	.9	.2																												107	107	107	104	
47 / 67	1.7	4.7	1.5	1.3	.4	.1																												24	24	24	21	
77 / 61	.3	3.3	1.5	1.7	.4	.1																												66	66	70	64	
77 / 59	.6	5.7	1.6	.3	.1																													76	76	76	60	
77 / 57	.3	3.3	1.2	.4	.1	.1																												51	51	75	67	
67 / 55	.4	4.5	.9	.5	.1																													60	60	70	60	
74 / 53	.3	2.5	1.1	.3	.7	.1																												44	44	53	60	
77 / 51		1.8	1.1	.7	.1																													26	26	36	37	
77 / 49	.1	1.1	.5	.4																														20	20	20	48	
77 / 47	.1	2.7	.4	.4																														31	31	33	27	
47 / 45	.3	.8	.4	.6	.1																													20	20	20	27	
44 / 43		.9	.5	.4																														17	17	21	17	
42 / 41		.1	.1	.4																														1	1	14	25	
47 / 39	.3	.2		.1																														5	5	13	17	
77 / 37	.1																																	1	1	6	10	
77 / 35																																						
34 / 33																																					1	3
77 / 31	.1	.1																																2	2	1	6	
77 / 29		.1																																1	1	1	5	
77 / 27																																					1	1
77 / 25																																						
TOTAL	7.1	57.6	19.8	10.2	4.8	1.0	.1																											927	927	927	927	
Element (X)	Σ X'	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	70.3694	80095	86.4	11.219	927	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	3563767	57.5	61.5	7.889	927		.3	30.6	2.7			93																										
Wet Bulb	3304950	54.24	59.1	8.221	927		.3	19.1				92																										
Dew Point	312788	53.14	57.3	9.370	927		1.4	15.4				93																										

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1. STATION: KENNEDY SPACE CENTER FL STATION NAME: 69-77, 73-01 YEARS: 19 MONTH: 12
 PAGE: 1 12-14-51
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
7/ 89																		2	2		
8/ 87																		5	5		
8/ 85																		19	19		
4/ 83																		1	1		
7/ 81																		14	14		
7/ 79																		11	11		
7/ 77																		145	145		
7/ 75																		102	102	3	
4/ 73																		69	69	60	
7/ 71																		73	73	117	
7/ 69																		74	74	172	
7/ 67																		57	57	17	
6/ 65																		39	39	100	
4/ 63																		34	34	79	
7/ 61																		33	33	84	
7/ 59																		22	22	77	
7/ 57																		11	11	61	
5/ 55																		13	13	57	
4/ 53																		7	7	57	
2/ 51																		2	2	47	
7/ 49																		1	1	32	
7/ 47																		1	1	34	
10/ 45																		1	1	19	
4/ 43																		1	1	27	
2/ 41																		1	1	27	
7/ 39																		2	2	17	
7/ 37																			1	1	17
6/ 35																					17
34/ 33																					1
2/ 31																					1
7/ 29																					1
2/ 27																					1
6/ 25																					1
7/ 19																					1
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1786 KENNEDY SPACE CENTER FL 69-70,73-87
 STATION STATION NAME YEARS
 MONTH
 PAGE 1 01 0-27 0
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
7- / 17				.1	.2													3	3																	
16/ 75			.4	.6	.1													11	11																	
74/ 73		.6	2.9	.6	.2													34	34	1																
74/ 71		6.6	3.9	.6	.1			.1										104	104	20																
7 / 49	.4	7.8	4.9	1.2	.4		.1											139	139	113	74															
47/ 67		6.7	4.5	1.6	.6	.1												120	120	109	110															
16/ 55	.2	4.1	3.0	2.4	1.1		.2											102	102	111	58															
44/ 63	.3	4.9	1.6	1.6	1.2	.5												95	95	91	102															
7 / 51	.1	3.8	1.2	1.8	.4													69	69	63	74															
77/ 59		2.3	1.4	.8	.3	.1												45	45	41	63															
77/ 57		1.9	1.7	.3	.3													39	39	31	63															
57/ 55		2.8	.8	.9	.4	.2												41	41	32	56															
74/ 53		1.9	.9	.5	.3													32	32	29	54															
72/ 51		1.4	.5	.6	.4	.1												29	29	25	57															
77/ 49	.1	.8	.6	.2	.3	.1												20	20	15	34															
13/ 47		1.2	.4	.2	.2													17	17	13	37															
45/ 45		.8	.2	.2														11	11	27	19															
47/ 43		.1	.3	.2														3	3	16	24															
42/ 41		.3																2	2	7	5															
40/ 39		.1	.1	.1														4	4	6	11															
78/ 37		.3	.3															5	5	5	9															
15/ 35		.1																2	2	4	11															
34/ 33			.1															1	1	2	7															
27/ 31			.2															2	2		5															
77/ 29																				1	5															
57/ 27																				2	5															
27/ 21																					1															
77/ 19																					1															
TOTAL	1.2	47.6	27.8	14.6	7.0	1.3	.3	.1										930	930	930	930															

USAFETAC Form 44 0-26-5 (OLA) REVISED METHODS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	6543137	77273	83.1	11.487	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3814407	59123	63.6	7.748	930		.2	41.1	4.9			97
Wet Bulb	3462577	56249	60.5	8.100	930		.2	25.1	.1			97
Dew Point	3233169	54137	58.2	9.421	930		1.3	19.6				97

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10786 KENNEDY SPACE CENTER FL 69-70, 73-81
 STATION STATION NAME YEARS

PAGE 1
 MAR MONTH
 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
80																		4	4	
79																		12	12	
78																		32	32	
77																		40	40	
76																		51	51	
75																		223	223	
74																		380	380	
73																		395	395	4
72																		536	536	156
71																		668	668	424
70																		682	682	331
69																		755	755	870
68																		671	671	507
67																		735	735	768
66																		580	580	762
65																		395	395	656
64																		432	432	633
63																		269	269	466
62																		261	261	429
61																		228	228	373
60																		169	169	283
59																		118	118	230
58																		118	118	251
57																		74	74	161
56																		41	41	173
55																		5	5	67
54																		19	19	123
53																		10	10	23
52																		3	3	9
51																		9	9	6
50																		11	11	40
49																		1	1	36
48																				4
47																				11
46																				9
45																				11
44																				9
43																				11
42																				9
41																				11
40																				9
39																				11
38																				9
37																				11
36																				9
35																				11
34																				9
33																				11
32																				9
31																				11
30																				9
29																				11
28																				9
27																				11
26																				9
25																				11
24																				9
23																				11
22																				9
21																				11
20																				9
19																				11
18																				9
17																				11
16																				9
15																				11
14																				9
13																				11
12																				9
11																				11
10																				9
9																				11
8																				9
7																				11
6																				9
5																				11
4																				9
3																				11
2																				9
1																				11
0																				9
Σ X'																				
Σ X																				
X																				
σ _x																				
No. Obs.																				
Mean No. of Hours with Temperature																				
± 0 F																				
± 32 F																				
± 67 F																				
± 73 F																				
± 80 F																				
± 93 F																				
Total																				

USAFETAC FORM 8-64 0-26-5 (OL A) AIR WEATHER SERVICE USE ONLY

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20541
 U.S. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1.880 KENNEDY SPACE CENTER FL 69-70, 73-30 APR 1969
 STATION STATION NAME YEARS MONTH

PAGE 1 0000-0000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
70/ 75		.6	1.1	.2																												17	17					
74/ 77		2.8	5.3	1.1																													61	61				
72/ 71	.2	5.9	6.1	2.1	1.3	.4																											149	149	63	64		
71/ 69	.6	5.9	5.3	2.4	3.4	.9	.1	.1																									170	170	123	96		
68/ 67	.4	4.6	4.2	3.3	1.4	.7		.1																									133	133	97	100		
67/ 65		3.3	2.3	1.4	.6	.1																											74	74	109	80		
74/ 63	.2	2.4	1.3	.9	.6	.2	.1																											51	51	116	89	
66/ 61	.1	2.7	1.3	.8	.5																													47	47	103	61	
67/ 59	.6	3.3	2.1	.9	.4	.7		.7																										67	67	74	58	
58/ 57		1.9	.8	.3	.2	.2																												31	31	64	63	
58/ 55		1.6	.3	.3	.1																													25	25	48	66	
64/ 52		1.3	.1	.2																														12	12	23	43	
63/ 51		1.2	.1																															12	12	21	37	
61/ 49		1.4	.1																															14	14	18	34	
61/ 47		.4																																4	4	22	27	
46/ 45		.4																																4	4	3	15	
44/ 43		.4																																4	4	5	6	
42/ 41		.1																																1	1	3	5	
41/ 39	.1	.2																																3	3	2	6	
38/ 37		.1																																1	1	2	4	
71/ 35																																						
TOTAL		2.3	4.7	3.0	1.4	.1	9.3	2.7	.4	.2																									910	910	910	910
Element (X)	Σ X²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.	6196011	73979	82.2	11.311	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	3975417	59529	66.1	6.544	900			55.3	9.8			910																										
Wet Bulb	3575351	56417	62.7	6.571	900			29.1	.8			910																										
Dew Point	3331389	54341	60.4	7.481	900			23.2	.2			910																										

USAFETAC FORM 0-26-5 (OL A) REVISED THROUGH EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: KENNEDY SPACE CENTER FL STATION NAME: 69-70,73-8 YEARS: APR MONTH: 0370-5000

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																
67/75		.3	.3																													6	6			
74/77		1.7	1.3	.6																												37	37	5	1	
77/71	.2	6.6	4.1	1.9	.9																											126	126	34	19	
77/69	.2	8.1	3.7	1.1	1.2	.2	.1																									149	149	107	84	
77/67	.5	6.2	4.3	1.9	1.9	1.1	.1	.1																								143	143	113	111	
76/69	.8	6.4	1.3	1.3	.3																											95	95	112	94	
77/63	.7	5.4	1.3	.3	.1																											71	71	123	100	
77/61	.1	3.4	1.6	.6																												52	52	61	64	
77/59	.8	2.9	.7	1.1	.1	.1																										48	48	89	65	
77/57		4.1	1.4																													52	52	46	80	
76/55		3.6	.7	.4	.2	.1																										43	43	56	7	
77/53	.3	2.1	.6	.4	.3																											72	72	49	50	
77/51	.1	1.7	.3	.3																												15	15	29	40	
77/49		.8	.1																													8	8	12	22	
77/47		1.2																														11	11	24	19	
77/45		.6																														5	5	12	15	
77/43		.3																														3	3	5	10	
77/41		.1																														1	1	2	7	
77/39																																				
77/37		.3																															3	3		4
77/35																																				
77/33																																				
TOTAL	4.55	121.7	9.4	6.7	2.2	.3	.1																									900	900	900	900	
Element (X)	Z _W	Z _W	Z _W	Z _W	Z _W	Z _W	Z _W	No. Obs.	Mean No. of Hours with Temperature								Total																			
Rel. Hum.	6643662	76638	85.2	11.441	900	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F																									
Dry Bulb	3812614	58277	64.7	6.667	900						46.1	4.3						5																		
Wet Bulb	3490636	55733	61.9	6.646	900						25.6	.6						5																		
Dew Point	3292783	54119	60.0	7.495	900						20.2	.1						5																		

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1736 KENNEDY SPACE CENTER FL 69-70,73-8 APR
 STATION STATION NAME YEARS MONTH

PAGE 1 000-1000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
7- / 77			.4	.7	.7	.1	.1										17	17		
76 / 75		.9	2.7	1.5	.7	.6	.2	.1									6	6	1	
74 / 73		1.8	4.7	1.4	1.1	.9	.9	.1									41	41	21	1
72 / 71	.3	5.9	4.9	1.3	2.1	1.4	.3	.1									148	148	85	35
70 / 69	.6	6.9	4.3	2.3	1.8	1.7	.1										159	159	123	122
68 / 67	.4	4.3	3.1	1.3	1.2	1.2	.1	.1									107	107	106	107
66 / 65	.4	4.1	2.1	1.4	.6	.3	.2										42	42	113	86
64 / 63	.3	3.4	1.3	1.7	.7	.1											69	69	112	104
62 / 61	.2	3.1	.9	.3	.3	.1											45	45	99	77
60 / 59	.1	3.1	.3	.7	.1	.1											41	41	71	61
58 / 57	.1	1.7	.6	.3	.3	.1	.1										24	24	54	71
56 / 55	.3	2.2	.6	.1	.2	.2											33	33	35	71
54 / 53		1.3	.1	.3													15	15	34	47
52 / 51		.6	.1	.3	.1												10	11	21	43
50 / 49		.6	.1	.1													7	7	12	22
48 / 47		.6															5	5	9	14
46 / 45		.7															6	6	10	15
44 / 43																			4	13
42 / 41																				6
40 / 39																				2
38 / 37		.1															1	1		1
36 / 35																			1	1
34 / 33																				3
TOTAL		7.14	124.9	13.2	9.9	6.1	2.1	.4									900	900	900	900
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Num.	6128607	73711	81.5	13.213	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	4891543	60403	67.1	6.470	900			56.2	16.3			90								
Wet Bulb	3652379	57055	63.4	6.276	900			32.3	2.2			90								
Dew Point	3392384	54864	61.0	7.297	900			24.9	.5			90								

USAFETAC FORM AIR 84 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17888 KENNEDY SPACE CENTER FL 69-70, 73-81 AP-
STATION STATION NAME YEARS MONTH

PAGE 1 1970-11
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
67-80							.1	.2		.1							4	4		
67-80						.9	.6	.2		.1							17	17		
71-81				.2	1.2	2.7	.7	.2	.1		.1						47	47		
71-73			.1	2.4	4.9	4.4	1.4	.7	.4	.3							132	132		
73-77			1.7	3.4	6.1	3.9	2.4	1.1	.2	.2							177	177		
73-75		.6	1.6	2.8	3.6	5.7	3.7	1.8	.4								174	174	11	
74-78		.7	1.1	2.3	2.3	3.4	2.1	1.3	.7		.2						178	178	82 11	
75-77		.6	1.2	1.2	2.0	2.4	1.2	1.1	.3	.4							95	95	133 43	
77-89		.7	.9	.7	.9	1.7	1.7	.9									53	53	106 55	
77-67		.3	.4	.3	.6	.9	.9	.2									33	33	128 91	
66-65		.1	.1	.1	.4	.3	.8	.4									19	19	123 110	
47-53		.1			.7	.3	.1	.1	.1								9	9	17 94	
67-61					.7	.3	.1	.1									8	8	71 79	
67-59				.1	.4			.1									6	6	41 74	
77-57					.1												1	1	36 64	
50-55																			17 47	
47-52																		13 48		
67-51																		9 41		
77-44																		2 27		
67-47																		1 13		
67-45																		1 18		
47-43																			1 21	
62-41																				
47-35																				
67-37																				
67-35																				
34-33																				
67-31																				
67-29																				
TOTAL		3.0	6.4	14.1	22.9	26.1	15.1	8.4	2.4	1.1	.3							970	970	907
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	3635294	55966	62.3	13.134	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	5089360	67567	75.1	4.457	900			96.0	67.9	13.0		97								
Wet Bulb	3985616	59698	66.3	5.355	900			48.2	9.3			97								
Dew Point	3377803	54679	60.8	7.913	900		.3	23.9	1.1			97								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 86 KENNEDY SPACE CENTER FL 69-73, 73-87 27
 STATION STATION NAME YEARS MONTH

1986 12 1-14
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	=31	Dry Bulb	Wet Bulb	Dew Point
7 86									.1	.1								2		
6 87								.4	.3	.1								15	15	
6 88						.4	1.7	1.7	.3	.2	.1							23	33	
6 89					.7	2.2	2.2	1.4	.6	.1	.1							16	66	
7 91				.3	3.4	3.8	3.1	1.4	.7	.3	.3	.3						125	125	
7 95				1.4	2.3	4.2	4.1	2.7	.9	.3	.3	.1						180	180	
7 97		.1	.4	.3	3.9	2.1	4.9	2.2	.9	.7	.2							146	146	
5 98			.3	1.2	1.7	3.2	2.6	2.8	.7	.3								115	115	27
4 99	.1	.2	.6	1.7	1.1	1.6	1.3	1.3	1.4	.2	.1							59	89	100
7 99		.7	1.7	1.2	1.7	1.1	1.6	1.4	.4	.1								53	53	100
7 99		.3	.1	.3	.2	.6	.3	.4	.2	.1								19	19	143
7 99		.1	.3	.3	.2	.2	.3	.3	.2	.2								15	15	113
6 99		.1			.4	.1	.3	.1	.1									11	11	101
4 99	.1				.1	.1	.4	.1	.1									3	8	46
7 99						.3												2	2	55
7 99																		2	2	48
7 99																				37
5 99																				14
4 99																				13
7 99																				3
7 99																				2
7 99																				1
7 99																				1
7 99																				1
7 99																				1
7 99																				1
TOTAL	.3	1.6	2.4	7.4	17.3	19.9	23.2	16.3	6.2	3.8	1.3	.3						900	900	900
TOTAL																		900	900	900
Element (X)	Z _X ²	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	3057768	51134	56.8	13.027	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	5412037	69659	77.4	4.776	900			87.9	75.1	31.6										
Wet Bulb	4052931	60207	66.9	5.300	900			51.0	13.4											
Dew Point	3330759	54271	60.3	8.043	900		.3	22.6	1.1											

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19 83 KENNEDY SPACE CENTER FL
 STATION STATION NAME

67-70, 73-87
 YEARS

12
 MONTH

PAGE 1 12 8-1983
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb		Wet Bulb	Dew Point	
1/ 29									.1		.1							2	2			
2/ 27								.1	.4		.1							6	6			
3/ 21						.1	.3	.6	.4	.4	.6	.1						23	23			
4/ 21					.7	1.7	.5	.7	.8	.3	.1							45	46			
5/ 21				.7	2.0	2.2	1.8	1.2	.6	.1	.2	.1						35	35			
6/ 77		.1	.4	3.1	3.2	2.2	2.4	1.7	.8			.3						134	174			
7/ 75		.1	.4	3.7	3.3	3.1	3.1	1.5	.7	.4	.1	.1						160	160	1		
8/ 75		.2	.3	2.8	3.3	3.8	2.6	2.2	.9		.3							100	100	14		
9/ 71	.3	.4	1.1	1.6	1.6	.8	1.7	.8	.4	.2								72	73	11		
10/ 69	.1	.3	.7	.9	.4	.9	.7	1.1	.2	.2	.1							64	64	145		
11/ 67		.4	.1	.2	.3	1.1	.2	.2	.2	.2	.1							32	32	174		
12/ 65			.1	.1	.1	.3	.3	.1	.1									11	11	171		
1/ 62				.1	.3	.3												7	7	158		
2/ 61						.1												1	1	66		
3/ 59																				45		
4/ 57																			33	75		
5/ 55																			11	71		
6/ 53																			9	46		
7/ 51																			3	23		
8/ 49																			1	31		
9/ 47																				17		
10/ 45																				11		
11/ 43																				11		
12/ 41																				5		
1/ 39																				7		
2/ 37																				4		
3/ 35																				2		
4/ 33																				3		
5/ 25																				1		
TOTAL	.4	2.0	4.1	14.3	19.4	19.9	18.1	11.1	6.5	2.2	1.7	.7						900	900	900		

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3371466	53640	59.6	13.933	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	5253934	68638	76.3	4.669	900			38.1	71.7	22.3		9
Wet Bulb	416306	59948	66.6	5.123	900			42.8	11.2			9
Dew Point	3352094	54477	60.5	7.854	900		.1	22.9	.6			9

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17880 KENNEDY SPACE CENTER FL 69-70, 71-8
 STATION STATION NAME YEARS MONTH
 PAGE 1 10-1969
 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67/55																		2	2		
64/53																		2	2		
71/54																		12	13		
70/54		.1			.7													23	23		
70/57			1.8	1.7	1.7	.8	.1	.7										17	17	1	1
70/55		.3	3.9	3.9	1.3	1.6	.9	.3	.1	.1								117	119	1	1
67/55		1.2	5.7	5.1	2.4	1.9	.7	.2										174	154	4	4
67/51	.2	2.1	4.7	4.1	5.7	1.8	.3											173	173	112	51
67/59	.1	2.2	3.2	2.7	3.2	2.4	.7	.2	.1									134	134	114	117
67/67		.4	2.7	1.7	2.2	.9	.7	.1		.1								73	73	101	61
67/55		.7	1.6	1.7	1.7	.7	.6	.1										49	49	123	51
67/51		.3	.9	1.0	.7	.7	.3											40	40	120	56
67/51		.2	.8	.4	.7	.2		.1										19	19	89	94
67/59		.3	.7	.7	.1	.2												13	13	63	66
67/57		.1	.2	.2	.1		.1											7	7	73	74
59/55		.1	.2	.2														3	3	13	51
67/55		.1	.1	.1														3	3	19	53
62/51																		1	1	1	51
67/47		.1																1	1	7	55
67/45																		1	1	2	18
67/43																					9
62/41																					1
67/39																					1
67/37																					1
67/33																					1
67/31																					1
67/37																					1
TOTAL	.1	9.2	27.3	23.2	19.4	12.2	5.3	1.8	.8	.3	.1							899	899	899	899

Element (X)	Z _X '	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.	4803133	64631	71.9	13.209	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4571942	63958	71.1	4.953	899			76.3	38.2	2.3		91
Wet Bulb	3843163	58571	65.2	5.502	899			39.8	5.1			91
Dew Point	3421387	55059	61.2	7.411	899		.2	26.0	1.0			91

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 45 STATION KENNEDY SPACE CENTER FL 69-70, 73-81 YEARS MONTH

PAGE 1 01-0-27
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 77																		9	9																
7 / 75		1.0	3.1	1.0														49	49																
7 / 73		3.4	7.9	2.7														170	135	11	4														
7 / 71	.1	3.9	4.4	4.4	2.7	.6												138	138	90	4														
7 / 69	.3	4.2	3.8	4.2	3.3	2.3	.1											154	164	115	111														
7 / 67		2.7	3.3	2.7	2.8	.2		.1										111	111	101	95														
6 / 65	.1	2.7	1.9	1.6	1.3	.4		.1										64	63	111	71														
4 / 63		2.2	.8	.3	1.1													40	40	7	7														
7 / 59		2.6	.7	.4	.1													14	14	92	91														
7 / 57		.9	.4	.4		.1												16	16	40	37														
7 / 55		.4	.3	.2	.2	.1												15	13	71	55														
4 / 53		.4	.1	.1	.1													5	3	26	44														
7 / 51		.8	.7	.4														13	13	13	35														
7 / 49		.1	.1	.1	.1													5	5	12	23														
7 / 47		.4	.1	.1														6	6	12	23														
7 / 45		.4	.1	.1														5	5	7	16														
4 / 43		.1	.1															1	1	7	6														
7 / 41		.4																4	4	2	9														
4 / 39																					9														
7 / 37																					4														
7 / 35																					1														
T T30	.0	23.7	50.9	19.0	15.3	5.1	.3	.3										900	900	900	900														
Element (X)	Σ X'	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Mean No. of Hours with Temperature																	
Rel. Hum.	5724388	71000	78.9	11.710	900	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																							
Dry Bulb	4165893	66971	67.7	6.273	900			62.6	19.3																										
Wet Bulb	3669833	57173	63.9	6.426	900			32.8	1.9																										
Dew Point	3374344	54685	60.8	7.578	900			25.0	.4																										

USAFETAC FORM 0-26-5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

1988 KENNEDY SPACE CENTER FL 69-70, 73-91
 STATION STATION NAME YEARS MONTH ALL
 PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
7/ 89																		4	4	
7/ 87								.1	.1	.1	.1	.0						21	21	
6/ 85							.1	.2	.3	.1	.1	.0						22	22	
7/ 81					.4	.6	.3	.3	.2	.1	.0							131	131	
7/ 79				.3	1.0	1.1	.7	.4	.2	.1	.1	.0						269	269	
7/ 77		.0	.7	1.0	1.5	1.4	1.0	.6	.3	.1	.0	.1						439	439	
6/ 75		.9	2.1	1.7	1.4	1.3	1.2	.9	.3	.1	.0	.1						589	559	3
4/ 73	.1	1.9	3.3	2.1	1.2	1.5	1.1	.9	.3	.1	.2							336	336	383
7/ 71	.3	3.2	3.5	2.2	2.4	1.1	.7	.4	.2	.1	.0							1013	1013	734
7/ 69	.3	3.9	2.7	1.8	1.5	1.2	.8	.3	.1	.1	.0							892	892	1073
7/ 67	.3	2.4	2.8	1.5	1.4	.9	.4	.2	.1	.0	.0							648	648	839
6/ 65	.2	2.2	1.1	.9	.6	.3	.2	.1	.1									409	409	932
4/ 63	.1	1.6	.8	.6	.5	.3	.1	.1	.1									311	311	891
7/ 61	.1	1.9	.6	.3	.3	.2	.1	.1	.1									211	211	556
7/ 59	.2	1.3	.5	.5	.2	.1	.1	.1	.1									209	209	533
7/ 57	.1	1.1	.4	.1	.1	.1	.1	.1	.1									171	131	349
5/ 55	.1	1.1	.3	.1	.1	.1	.1	.1	.1									172	172	255
4/ 53	.1	.8	.2	.1	.1	.1	.1	.1	.1									70	70	188
7/ 51	.1	.4	.2	.1	.1	.1	.1	.1	.1									51	51	115
6/ 49		.4	.1	.1	.1	.1	.1	.1	.1									35	35	66
4/ 47		.3	.2	.1	.1	.1	.1	.1	.1									27	27	71
4/ 45		.1	.1	.1	.1	.1	.1	.1	.1									27	27	76
4/ 43		.1	.1	.1	.1	.1	.1	.1	.1									8	8	21
2/ 41		.1	.1	.1	.1	.1	.1	.1	.1									6	6	7
5/ 39		.1	.1	.1	.1	.1	.1	.1	.1									3	3	5
2/ 37		.1	.1	.1	.1	.1	.1	.1	.1									5	5	2
7/ 35																				4
3-7 73																				
7/ 71																				
7/ 69																				
7/ 67																				
7/ 65																				
7/ 63																				
7/ 61																				
7/ 59																				
7/ 57																				
7/ 55																				
7/ 53																				
7/ 51																				
7/ 49																				
7/ 47																				
7/ 45																				
7/ 43																				
7/ 41																				
7/ 39																				
7/ 37																				
7/ 35																				
3-7 73																				
7/ 71																				
7/ 69																				
7/ 67																				
7/ 65																				
7/ 63																				
7/ 61																				
7/ 59																				
7/ 57																				
7/ 55																				
7/ 53																				
7/ 51																				
7/ 49																				
7/ 47																				
7/ 45																				
7/ 43																				
7/ 41																				
7/ 39																				
7/ 37																				
7/ 35																				
7/ 33																				
7/ 31																				
7/ 29																				
7/ 27																				
7/ 25																				
Element (X)	Σ X ²		Σ X		Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total						
Rel. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEGAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

1980 KENNEDY SPACE CENTER FL 69-70,73-3
 STATION STATION NAME YEARS
 PAGE 1 0000-0000
 MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
7 / 79				.1														1	1						
7 / 77				1.0	.1													34	34						
7 / 75		5.1	6.7	3.3	.7	.1												142	142	18	7				
74 / 73	.3	8.3	3.9	5.2	.4	.3												217	217	99	45				
7 / 71	.5	10.1	5.6	2.6	1.3	.3												218	209	170	152				
7 / 69	.4	6.9	4.7	1.7	.9	.6												135	135	217	18				
7 / 67	.5	5.1	2.7	.8	.7													51	41	143	159				
6 / 65	.1	3.9	1.1	.6	.4	.2												59	59	173	114				
4 / 63		2.4	.4	.3														19	19	52	93				
7 / 61		.8	.1	.3														9	9	43	66				
7 / 59		.3	.3															5	5	10	34				
7 / 57		.1	.3															4	4	14	27				
5 / 55			.7															2	2	0	13				
4 / 53		.2																2	2	5	10				
7 / 51		.3																3	3	14	6				
5 / 49																				3	4				
45 / 47																									
TOTAL	1.3	44.0	32.4	15.7	4.3	1.6												429	429	929	929				
Element (X)	Σ X'	Σ X	X̄	s _n	No. Obs.	Mean No. of Hours with Temperature					Total														
Rel. Hum.	6844538	79298	85.4	9.037	929	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	4722114	66130	71.2	3.982	929			81.6	39.4			929													
Wet Bulb	4335950	63348	68.2	4.189	929			65.9	11.7			929													
Dew Point	4134724	61810	66.5	4.898	929			54.7	5.4			929													

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 1 103 KENNEDY SPACE CENTER FL STATION NAME: 62-70,73-80 YEARS: 1964
 MONTH: 10 HOURS (L.S.T.): 103 1-103

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/77		.3	1.5	.2	.1													27	27		
67/73		.7	1.1	.3	.1													62	72	7	
64/72		.9	1.8	4.7	3.1													165	185	71	30
61/71		.8	13.2	7.4	1.7													331	331	182	110
57/69		.9	1.5	2.7	1.0	.4	.8											110	117	131	150
54/67		.4	3.6	1.9	.3	.4	.2											110	116	171	181
50/65		.4	7.4	1.7	.1													3	3	172	190
47/63		.1	3.3	1.2		.1												41	41	36	150
43/61		.1	2.9	.3	.1													72	72	49	60
40/59			1.3	.3	.1													70	70	40	51
37/57			.3	.1														0	0	16	30
34/55			.4	.3														7	7	11	24
31/53			.1	.1														2	2	7	16
28/51			.3															2	2	4	7
25/49			.1															1	1	4	5
22/47																					3
TOTAL		3.1	57.6	24.9	8.4	1.7	1.2											930	930	930	930

USAFETAC Form 0-26-5 (OL A) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	7303058	82052	88.2	8.288	930							
Dry Bulb	4521796	64718	69.6	4.416	930			73.4	24.7			93
Wet Bulb	4224325	62541	67.3	4.468	930			59.1	7.8			93
Dew Point	4067548	61331	65.9	4.983	930			46.9	4.1			93

FEDERAL BUREAU OF SURVEY
 FEDERAL CLIMATOLOGY BRANCH
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

1 1965 KENNEDY SPACE CENTER FL 69-70,73-3 MAY
 STATION STATION NAME YEARS MONTH
 PAGE 1 1965-69

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31		Dry Bulb	Wet Bulb	Dew Point	
7 70			.5	.3	.4	.3												25	25			
7 76		.1	2.1	3.3	1.7	.4	.1											75	76			
7 77		1.3	4.9	3.4	2.7	1.2	.2											159	163			
7 78	.3	3.9	5.8	5.1	1.4	1.7	.2											174	184	67	17	
7 79	.8	6.8	5.1	2.6	1.9	.4	.1											156	156	112	177	
7 80	.5	7.1	4.1	1.1	2.2	.5	.1											145	145	175	147	
7 81	.5	5.1	2.7	.6	.7	.3												89	89	105	165	
7 82	.2	3.5	1.2	.9	.2	.1												57	57	112	180	
7 83	.3	3.0	.9	.1														44	44	77	177	
7 84	.2	3.8	.6															16	16	58	177	
7 85	.2	1.1			.1													13	13	22	157	
7 86		.8	.2	.1														10	10	15	140	
7 87		.3	.1															4	4	9	121	
7 88		.4																4	4	2	122	
7 89																					3	127
7 90		.1																1	1		128	
7 91																					1	129
TOTAL		134.2	228.2	18.4	11.1	4.3	.1											930	930	930	930	

USAFETAC FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	6495064	77066	82.9	10.325	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	4980227	67907	73.0	4.819	930			87.8	54.7	5.5		93
Wet Bulb	4484894	64456	69.3	4.354	930			71.2	23.7			93
Dew Point	4241623	62636	67.4	4.982	930			60.5	12.8			93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1968 KENNEDY SPACE CENTER FL 69-77, 73-67 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 1278-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
47/67									.1	.1	.1							3	3																	
47/69																		1	1																	
47/69						.1	.1	.3	.3	.3								3	3																	
67/67					.1	2.2	2.2	1.4	.3	.1	.2							64	64																	
67/67				.1	1.7	3.8	2.7	1.3	.3	.1	.1		.1					1.5	1.5																	
47/67				.3	4.1	5.5	3.7	1.2	.3	.1	.3							146	146																	
67/67				2.2	3.1	7.5	7.3	.9	.4	.6	.2							216	216	1																
67/74		.1	.9	3.2	3.5	6.9	4.7	1.7	.3	.3	.2							190	190	7																
77/77		.2	1.2	.9	2.0	1.7	1.2	.4	.3	.1								77	77	59	4															
76/75		.6	.9	1.4	1.1	1.1	.6	.2	.2									53	53	151	22															
74/73		.3	1.0	.4	.2	.3	.8	.4	.1									28	28	237	77															
71/71	.1	.2	.2	.1	.1				.1									13	13	179	169															
67/69	.2	.5	.2	.1														10	10	140	144															
67/67	.1	.1				.1												3	3	71	162															
67/68		.1																1	1	42	121															
47/57																				21	78															
67/61																				13	49															
67/59																				6	51															
67/57																				3	21															
57/55																					12															
47/52																					13															
67/51																					10															
67/49																					13															
67/47																					3															
67/45																					1															
47/43																					2															
TOTAL	.4	2.8	4.0	3.9	20.9	29.1	18.6	8.2	3.9	2.0	1.2	.1						930	930	930	930															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	3795797	58775	62.8	11.908	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb	6153811	75557	81.2	4.052	930			92.9	90.3	66.4	.3	93																								
Wet Bulb	4909093	66785	71.8	3.761	930			84.8	45.5	.2		93																								
Dew Point	419609	62253	66.9	5.583	930			57.6	10.1			93																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-80 STATION KENNEDY SPACE CENTER FL 69-70, 73-80 YEARS MAY MONTH

PAGE 1 15-1-17-81 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
90/ 85																		1	1	
89/ 84																		2	2	
88/ 83																		9	9	
87/ 82																		12	12	
86/ 81																		45	45	
85/ 80																		112	112	
84/ 79																		172	172	
83/ 78																		236	236	7
82/ 77																		146	146	44
81/ 76																		67	67	117
80/ 75																		45	45	274
79/ 74																		32	32	166
78/ 73																		19	19	161
77/ 72																		9	9	140
76/ 71																		2	2	45
75/ 70																			23	77
74/ 69																		1	1	10
73/ 68																			8	39
72/ 67																			3	18
71/ 66																				11
70/ 65																				7
69/ 64																				7
68/ 63																				7
67/ 62																				1
66/ 61																				1
TOTAL	1.1	6.0	7.1	16.2	22.4	26.3	11.5	4.7	2.4	.8	.9	.2	.1				930	930	930	930

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	4346413	62447	67.1	12.844	930			92.7	36.7	49.9	.1	92
Dry Bulb	5899535	73967	79.8	4.229	930							92
Wet Bulb	4754367	66442	71.4	3.675	930			64.1	39.2	.2		92
Dew Point	4231275	62538	67.2	5.321	930			58.0	11.0			92

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17860 KENNEDY SPACE CENTER FL 69-70,73-8 MAY
 STATION STATION NAME YEARS MONTH
 PAGE 1 1875-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																
57/ 27						.1																											2	2		
60/ 30						.1																											4	4		
64/ 34			.1	.1	.1	.2	.1																									10	10			
67/ 37		.1	.2	.1	.1	1.3	.9	.1	.1																							43	43			
71/ 41		.4	2.6	4.6	3.5	1.3	.4	.1							.1	.1	.1															119	119	3	1	
75/ 45		.6	3.5	6.7	4.5	1.2	.3	.2	.1						.1																	187	187	9	4	
80/ 50		3.3	7.1	7.8	4.4	1.6	.4								.1																	228	228	75	11	
84/ 54		3.5	4.7	5.3	2.2	1.2	.1	.1																								156	156	167	63	
87/ 57	.1	3.1	3.8	2.5	2.5	.3		.3																								113	113	212	138	
91/ 61	.3	2.3	1.1	.1	1.1	.3	.1	.1																								48	48	211	175	
94/ 64		.4	.1	.3	.1			.1																								10	10	120	132	
97/ 67		.1	.2			.3																										4	4	63	139	
101/ 71			.1																													2	2	33	69	
104/ 74			.1																													1	1	16	50	
107/ 77				.3																												2	2	5	34	
111/ 81			.1																													1	1	7	26	
114/ 84																																				
117/ 87																																				
121/ 91																																				
124/ 94																																				
127/ 97																																				
131/ 101																																				
134/ 104																																				
137/ 107																																				
141/ 111																																				
144/ 114																																				
147/ 117																																				
151/ 121																																				
154/ 124																																				
157/ 127																																				
161/ 131																																				
164/ 134																																				
167/ 137																																				
TOTAL		.3	13.7	26.6	29.2	19.7	7.5	2.7	1.1	.4	.2	.2	.1																				930	930	930	
Element (X)		Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		
Rel. Hum.		5498579		70703		76.0		11.540		930		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb		5312612		70212		75.9		3.569		930						92.0		74.9		10.6		93														
Wet Bulb		4585926		65212		70.1		3.774		930						79.7		25.4		.1		93														
Dew Point		4220385		62459		67.2		5.252		930						58.7		9.9				93														

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 - 80 STATION KENNEDY SPACE CENTER FL 59-70,73-87 YEARS MAY
 PAGE 1 21 6-27 19
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
7 / 81					.1																										1	1			
7 / 79		.1	.4	.9	.1																										18	19			
7 / 77		1.1	5.4	1.9	.9	.4																								89	89		1		
7 / 75		5.6	9.9	7.7	.9	.1	.1																							222	223	34			
7 / 73		7.1	9.1	9.7	1.9	.2																								246	246	135	81		
7 / 71		5.4	5.9	3.3	1.1	.3	.1																							155	165	209	155		
7 / 69	.3	5.4	2.9	1.1	1.2	.8	.1																							109	109	197	155		
7 / 67	.1	3.1	.8	.1	.2	.3	.1																							42	42	170	174		
6 / 85	.1	.5	.2	.3	.3																									14	14	97	101		
4 / 63		.3	.1	.1	.1		.1																							6	6	38	54		
7 / 61		.1		.4																										5	5	23	4		
7 / 59		.1	.2	.3																										6	6	11	20		
7 / 57		.1	.4																											4	4	9	26		
5 / 55		.1																												1	1	8	11		
4 / 53		.1																												1	1	9	13		
7 / 51		.1																												1	1	2	9		
7 / 49																																			
4 / 47																																			
TOTAL	1.0	29.2	32.6	25.8	9.7	2.3	.4																							930	930	930	930		
Element (X)	Σ X'	Σ X	X	σ _n	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	6332364	76207	81.9	9.781	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	4958693	67227	72.9	3.581	930			39.2	57.6	.5		97																							
Wet Bulb	445970	64294	69.1	3.997	930				74.8	17.2		93																							
Dew Point	4199063	62318	67.1	4.999	930			56.0	7.5			97																							

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOEAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1961 KENNEDY SPACE CENTER FL 69-70,73-3
 STATION STATION NAME YEARS
 PAGE 1 MONTH ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
36/ 95																																	1	1		
34/ 92																																		3	3	
32/ 89																																		4	4	
30/ 87																																		9	9	
28/ 84																																		114	114	
26/ 81																																		3	3	
24/ 78																																		323	323	
22/ 75																																		677	677	
20/ 72																																		861	861	29
18/ 69																																		851	851	159
16/ 66																																		1012	1012	611
14/ 63																																		1051	1051	1323
12/ 60																																		979	979	1496
10/ 57																																		566	566	1459
8/ 54																																		321	321	943
6/ 51																																		207	207	601
4/ 48																																		94	94	382
2/ 45																																		61	61	200
0/ 42																																		44	44	157
34/ 93																																		44	44	157
32/ 90																																		14	14	36
30/ 87																																		5	5	20
28/ 84																																		7	7	27
26/ 81																																		1	1	8
24/ 78																																				
22/ 75																																				
20/ 72																																				
18/ 69																																				
16/ 66																																				
14/ 63																																				
12/ 60																																				
10/ 57																																				
8/ 54																																				
6/ 51																																				
4/ 48																																				
2/ 45																																				
0/ 42																																				
34/ 93																																				
32/ 90																																				
30/ 87																																				
28/ 84																																				
26/ 81																																				
24/ 78																																				
22/ 75																																				
20/ 72																																				
18/ 69																																				
16/ 66																																				
14/ 63																																				
12/ 60																																				
10/ 57																																				
8/ 54																																				
6/ 51																																				
4/ 48																																				
2/ 45																																				
0/ 42																																				
TOTAL	1.4	24.1	22.1	17.5	14.9	12.6	6.0	2.3	1.0	.4	.3	.1	.0																					7439	7439	7439

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	44744081	567369	76.3	14.366	7439	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	42481736	560534	75.4	5.740	7439			698.6	519.0	185.2	.4	744
Wet Bulb	36420891	519539	69.8	4.290	7439			601.7	211.8	.8		744
Dew Point	33506109	497769	66.9	5.175	7439			455.0	71.6			744

USAFETAC FORM 0-26-5 (O.L.A.) REVISIO REVISIO EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-89 STATION KENNEDY SPACE CENTER FL 69-70, 73-89 YEARS MONTH

PAGE 1 JULY-89 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
70 / 73			.3	.3														5	5																
71 / 74		.6	6.9	1.3	.2													1	1																
72 / 75		5.9	9.2	1.1	.2	.1												14	14																
73 / 76	.2	14.4	10.3	2.6	.5													25	25	16	64														
74 / 77	1.1	15.9	3.9	.6														17	17	27	72														
75 / 78	1.4	10.7	.8	.2														11	11	24	78														
76 / 79	1.4	5.3	.6															6	6	14	15														
77 / 80	.1	1.3																1	1	4	7														
78 / 81	.1	.6																6	6	13	35														
79 / 82	.1	.7																7	7	3	7														
80 / 83																																			
81 / 84																																			
82 / 85																																			
83 / 86																																			
84 / 87																																			
85 / 88																																			
86 / 89																																			
TOTAL	4.6	55.8	31.9	6.1	1.7	.1												90	90	90	90														

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7218377	90395	89.3	6.404	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	511341	6799	74.6	3.131	900			88.7	68.5	3.5		90
Wet Bulb	4714754	6598	72.3	2.614	900			87.8	45.6			90
Dew Point	4576900	64138	71.3	2.674	900			84.7	30.8			90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1965 KENNEDY SPACE CENTER FL 67-70, 73-87 JUN
 STATION STATION NAME YEARS MONTH

PAGE 1 1965-06-30
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
79 / 79		.1	1.9	.1														19	19					
77 / 77		6.3	4.9	.5	.1													174	174					
75 / 73	.3	12.5	7.1	1.6	.4												198	198	113	53				
74 / 73	1.7	21.3	2.7	1.2													236	236	221	191				
72 / 71	1.2	14.7	.8	.1													151	151	256	263				
71 / 69	1.2	10.3	.4														108	108	159	211				
67 / 67	.4	5.7	.2														57	57	97	101				
66 / 65	.7	1.3	.1														19	19	32	83				
64 / 63	.1	.1															2	2	8	13				
62 / 61	.1	.6															6	6	4	5				
59 / 59																				3				
TOTAL	5.2	72.7	17.4	3.6	.1												900		900					

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	7594228	92524	91.7	5.513	900			87.3	55.7	.3		90
Dry Bulb	4815413	65769	73.1	3.238	900			35.4	34.2			90
Wet Bulb	4595268	64258	71.4	2.867	900			81.1	24.6			90
Dew Point	4493179	63538	70.6	2.894	900							90

USAFETAC Form 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17-80 STATION KEENEY SPACE CENTER FL 69-70, 73-80 YEARS MONTH JUN

PAGE 1 0611-1901
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
87																		1	1	
86					.3													14	14	
85				.8	3.2	1.0												52	52	
84			4.4	6.7	1.0	.3												113	113	
83		1.6	7.3	5.1	.9	.3												184	154	14
82		6.1	7.6	2.7	.6	.1												147	147	179
81	.3	11.2	5.7	.9	.5													183	183	285
80	.8	10.6	.8	.4														113	113	242
79	1.1	6.4	.4															71	71	137
78	.7	4.3	.1															50	50	81
77	.3	1.4	.1															16	16	47
76	.1	.3																4	4	9
75	.1	.1																3	3	11
TOTAL	3.1	42.6	23.1	17.9	6.7	1.7												910	910	907
Element (X)	Σ X'	Σ X	Σ	Σ	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Rel. Hum.	6715909	77359	86.7	8.598	930															
Dry Bulb	5320710	69100	76.3	4.134	930			89.4	75.7	25.5										
Wet Bulb	4885018	56256	73.6	2.869	930			58.8	63.0	.2										
Dew Point	4701727	65001	72.2	2.818	930			66.4	47.0											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17830 KENNEDY SPACE CENTER FL 69-70,73-81
 STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb	Dew Point			
1/ 91							.1	.2	.3									6	6					
2/ 89						.7	1.7	.7										27	27					
3/ 87					1.4	7.0	6.4	2.9	.1	.2								49	28					
4/ 85				1.4	7.0	9.0	2.2	.7	.1									189	189					
5/ 83			.3	5.1	14.2	4.8	1.3	.1										241	241					
6/ 81			1.2	3.9	8.1	2.7	.7											174	174					
7/ 79			1.2	5.1	2.1	1.0	.1											83	83	47				
7-7/ 77		.4	2.2	.8	.3	.1												33	33	272				
7-6/ 75		1.1	.4															14	14	379				
7-5/ 73		1.2			.1													12	12	280				
7-4/ 71	.1	.2																3	3	260				
7-3/ 69																			19	120				
7-2/ 67																			1	37				
7-1/ 65																				19				
6-4/ 63																				12				
6-2/ 61																				1				
TOTAL	.1	3.0	4.9	22.4	33.4	24.7	9.7	1.3	.7									900	900	900				
Element (X)	Σ X'		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	4479818		62563		69.8		8.223		900		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total	
Dry Bulb	6248876		74933		83.3		3.230		900						90.0		89.7		81.0				90	
Wet Bulb	5140403		67992		75.8		2.565		900						90.0		83.4		1.1				90	
Dew Point	4692207		64943		72.2		2.582		900						86.7		43.7						90	

FORM NO. 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11990 STATION KENNEDY SPACE CENTER FL 69-70,73-80 YEARS MONTH JUN

PAGE 1 1972-14
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
92																		9	9	
91							.1	.3	.7	.2								33	33	
89							1.0	1.3	2.7	.6								36	46	
87						3.5	3.1	4.4	2.2	.3	.1							160	160	
85				1.4	3.5	7.8	7.6	.7	.7									192	192	
83			.3	4.2	14.2	4.4	.7	.2										216	316	
81		.1	.3	3.8	5.7	.8	.5											106	106	6
79		.2	.6	2.7	1.8	.8												54	54	100
77		.3	.9	.7														17	17	294
75	.1	.6	.4	.3														13	13	292
73	.1	1.1	.1															12	12	171
71		.1	.1															1	1	33
69		.1																1	1	14
67																				47
65																				17
63																				6
61																				2
59																				1
TOTAL	.2	2.4	3.1	13.1	13.9	25.0	12.0	7.7	2.6	.7								9.0	9.0	9.0
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature												
Rel. Hum.	41.9	1148	600	26	66.7	9.2	96	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	647	4371	762	63	84.7	3.6	668			90.0	39.9	84.2	.9							
Wet Bulb	520	6540	684	28	76.7	2.1	158			90.0	65.3	3.9								
Dew Point	470	7350	65.4	2	72.3	2.7	58			87.2	44.9									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17886 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
57/97										.1								4																		
57/91									.9		.4							19		19																
57/89								1.3	.4	.6						.2		36		36																
57/87				.1	1.7	4.2	1.1	.7	.4									92		92																
57/85			.1	1.7	8.1	6.1	1.2	.7										143		143																
57/83			.1	5.1	11.4	4.4	1.1	.1	.1									200		200																
57/81			1.9	3.2	6.2	1.3	.9	.3										174		174	6															
57/79	.1	.4	2.6	5.2	1.9	.4	.1											97		97	74															
77/77	.1	1.1	2.4	2.8	.5													53		53	229															
75/75	.1	1.9	1.4	.1		.1												33		33	253															
74/73	.3	2.6	.3															28		28	152															
71/71	.1	.9																9		9	70															
71/69		.2																2		2	137															
67/67																					4															
67/65																					15															
64/63																					15															
61/61																					4															
59/59																					2															
57/57																					1															
TOTAL	.3	7.1	3.8	23.2	22.7	17.6	8.7	3.1	1.9	.3	.2							900		900	900															
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	4679748	54186	71.3	10.659	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																								
Dry Bulb	6172893	74443	82.7	4.136	900			90.0	88.9	72.9	.4	97																								
Wet Bulb	5127358	67898	75.4	2.354	900			90.0	80.5	2.6		90																								
Dew Point	4707107	65039	72.3	2.909	900			86.8	43.5	.2		90																								

USAFETAC FORM 44 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-88 KENNEDY SPACE CENTER FL
 STATION STATION NAME

69-70,73-80
 YEARS

MONTH

19 19
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
7/85																																	4	4			
8/87																																	8	8			
6/81																																	20	20			
4/82																																	22	22			
2/81																																	171	171			
1/79																																	205	205			
7-7/77																																	151	151	133		
5/75																																	111	111	29	149	
4/73																																	76	76	303	203	
2/71																																	29	29	138	269	
1/69																																	6	6	41	149	
11/67																																	1	1	11	11	
6/65																																	1	1	2	24	
4/63																																			1	1	9
2/61																																				5	
TOTAL	1.4	19.1	27.9	32.6	12.8	5.2	1.0	.2																									90	90	90		
Element (X)	ΣX'	ΣX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.	5669052	72214	80.2	9.119	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	5594012	70884	78.8	3.528	900			85.9	86.3	38.3		71																									
Wet Bulb	4957177	66761	74.2	2.339	900			80.7	70.7	.3		71																									
Dew Point	4681989	64369	72.1	2.678	900			86.2	41.6			90																									

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1958 KENNEDY SPACE CENTER FL 69-70, 73-60 JUL 1958-61

PAGE 1 1958-61
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
47-57																		2	2	
57-61																		12	12	
61-64																		73	73	
64-67																		27	27	
67-68																		27	27	
68-69																		27	27	
69-70																		27	27	
70-71																		27	27	
71-72																		27	27	
72-73																		27	27	
73-74																		27	27	
74-75																		27	27	
75-76																		27	27	
76-77																		27	27	
77-78																		27	27	
78-79																		27	27	
79-80																		27	27	
80-81																		27	27	
81-82																		27	27	
82-83																		27	27	
83-84																		27	27	
84-85																		27	27	
85-86																		27	27	
86-87																		27	27	
87-88																		27	27	
88-89																		27	27	
89-90																		27	27	
90-91																		27	27	
91-92																		27	27	
92-93																		27	27	
93-94																		27	27	
94-95																		27	27	
95-96																		27	27	
96-97																		27	27	
97-98																		27	27	
98-99																		27	27	
99-100																		27	27	
TOTAL		2.0	5.6	22.0	31.1	26.1	11.0	2.7	.1								930	930	930	
Element (X)	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	Z _X	No. Obs.	Mean No. of Hours with Temperature					Total				
Rel. Hum.	4573847	64321	69.7	7.752	93	0 F	32 F	67 F	73 F	80 F	93 F									
Dry Bulb	6743604	79148	85.1	2.976	93			93.0	92.7	89.5	.2									
Wet Bulb	5553154	71876	77.3	1.347	93			93.0	90.4	5.2										
Dew Point	5104979	68869	74.1	2.337	93			91.8	74.3	.5										

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1983 KENNEDY SPACE CENTER FL 69-70, 73-87
 STATION STATION NAME YEARS
 PAGE 1 10 1-17
 MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
57/95							.1	.3	.3									7	7	
57/91							.2	.4	.4	.2	.1							22	32	
57/89						.3	4.0	3.3	1.0									20	52	
58/87			.1	.3	4.3	10.3	2.2	.3										122	152	
67/85			.1	4.7	12.2	5.3	.6											223	728	
67/83			.5	2.7	6.4	.3	.3	.1										122	152	4
67/81		.2	1.9	4.3	1.8	.6	.4											42	92	42
67/79		.8	2.8	.9	.4	.1												46	46	201
77/77		1.6	2.2	.4	.3													41	41	374
77/75	.2	2.3	.8	.1														36	36	159
84/73	.5	2.3	.1															27	27	296
87/71		.1	.1															2	2	33
87/69																				46
87/67																			1	26
67/65																				7
47/62																				4
TOTAL	.3	7.7	8.6	20.0	25.7	22.0	10.2	3.1	1.3	.6	.1							930	930	930
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature								Total				
Rel. Hum.	4304134		66120		71.1	10.543	930	≤ 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb	6669488		78646		84.6	4.492	930			97.0	92.6	80.3	2.0	93						
Wet Bulb	5529996		71682		77.1	2.304	930			93.0	89.0	10.2		93						
Dew Point	5094956		68796		74.0	2.505	930			91.9	72.7	.3		90						

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17 86 KENNEDY SPACE CENTER FL 69-70, 73-81 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 15 0-10
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
64/ 93																		3			
65/ 92										.1								1	1		
66/ 90										.3	.5							1	1		
67/ 87										1.0	1.0	.1						14	14		
67/ 85										1.8	4.1	1.4	.2					72	72		
67/ 83										1.0	10.0	4.0	.3	.1				149	149		
67/ 81										.3	4.4	10.8	1.1	.4				194	194	7	1
67/ 79										2.0	11.4	5.2	1.1	.5	.1			189	187	57	6
67/ 77										4.8	6.8	1.8	.3					151	131	305	64
67/ 75										.4	8.1	3.9	.5	.1				97	97	378	210
67/ 73										.6	4.3	.8						50	50	159	31
67/ 71										.8	1.0	.1						13	13	74	156
67/ 69										.1								1	1	17	49
67/ 67																				1	15
67/ 65																					7
67/ 63																					2
67/ 61																					2
TOTAL	1.2	19.4	31.7	30.1	12.7	4.6	1.3											920	930	930	930
Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	6118648	75106	80.7	8.636	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	6008249	74671	80.3	3.713	930			93.0	91.9	55.6	.2	9									
Wet Bulb	5334238	70402	75.7	2.257	930			93.0	83.3	2.1		9									
Dew Point	5065166	68600	73.8	2.319	930			92.0	69.9	.2		93									

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1980 KENNEDY SPACE CENTER FL 69-70,73-8 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 21 1-27
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
3/ 87					.1													1	1		
6/ 81				.2	.2													3	3		
4/ 80			.4	2.0	.4													27	27		
7/ 81		.4	5.7	4.2	.2	.1												99	99	1	
7/ 79		4.2	14.6	4.2	.7	.1												219	219	12	7
7/ 77		11.7	7.5	1.2	.4													174	174	171	44
6/ 70	.4	14.7	6.9	.8	.2													215	215	311	252
4/ 73	.9	10.9	1.5															122	122	234	305
6/ 71	.4	3.8	.2															41	41	154	221
7/ 69		.5																6	6	28	70
7/ 67		.1	.1															2	2	0	15
6/ 65																				2	1
4/ 63		.2																2	2	2	1
7/ 61																				1	2
TOTAL	1.7	46.6	37.0	12.6	1.9	.2												930	930	930	930
Element (X)	ΣX'	ΣX	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	71221.9	8116.7	87.3	6.412	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5556452	71828	77.2	3.188	930			92.8	87.9	24.5											
Wet Bulb	5159823	69239	74.8	2.356	930			91.7	72.9	.5											
Dew Point	4991119	6899	73.2	2.359	930			91.7	60.4												

USAFETAC FORM 84 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1966 KENNEDY SPACE CENTER FL 67-70, 73-81
 STATION STATION NAME YEARS
 JCL MONTH
 PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
3/ 88							.1	.1	.1	.1							13	13		
4/ 87						.1	.2	.2	.2	.1	.0						50	50		
5/ 89				.0	.2	1.7	2.0	.9	.0	.0	.0						393	253		
6/ 87		.3	.1	1.5	4.9	1.5	.1										625	625		
7/ 84		.3	.1	2.3	5.6	2.7	.2										750	750		
8/ 83		.7	5.1	2.3	.5	.4	.1										742	742	12	1
9/ 81		.3	4.2	4.4	.4	.3	.1										754	754	157	3
10/ 79		2.4	7.8	1.9	.4	.1	.1										830	850	519	4
11/ 77	.1	7.2	4.6	.7	.3	.2											962	962	2124	560
12/ 75	.5	9.5	2.7	.2	.1												961	961	1935	2233
1/ 73	.6	7.5	.7														670	670	1245	2373
2/ 71	.4	3.7	.1														314	314	742	1333
3/ 59	.2	1.5	.1														129	129	256	566
4/ 67	.1	.5	.0														37	37	69	100
5/ 65		.1															8	8	21	02
6/ 63		.1															7	7	3	24
7/ 61		.1	.1														6	6	7	5
8/ 59		.1															1	1	6	8
9/ 57																				
TOTAL		32.7	20.0	14.4	12.5	10.5	5.2	1.7	.6	.2	.0						7440	7440	744	744
Element (X)	Σ X'	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	49350736	598870	80.5	12.417	7440	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	48210122	597454	80.3	5.594	7440			741.8	693.8	389.9	6.3	744								
Wet Bulb	42464020	561672	75.5	2.873	7440			740.1	629.4	31.7		744								
Dew Point	40223340	546706	73.5	2.600	7440			731.6	522.5	1.5		744								

USAFETAC FORM 44 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1980 STATION KENNEDY SPACE CENTER FL STATION NAME 69-70,73-81 YEARS 12-1980 MONTH 12-1980
 PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
71 / 71			.5	.6														11	11																	
72 / 72		5.9	7.5	2.5	.4													152	152	1																
73 / 73		16.5	9.3	.9														241	241	170	40															
74 / 74		19.8	3.3	.1														232	232	323	231															
75 / 75		15.3	1.3															177	177	274	324															
76 / 71		7.5	.6															84	84	152	209															
77 / 69		2.7	.3															33	33	61	66															
78 / 67																				13	33															
79 / 65																				2	5															
TOTAL		267.6	21.6	4.1	.													930	930	930	930															

Element (X)	Z _x ¹	Z _x	X	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	7718898	84584	91.0	5.234	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5351423	70503	75.8	2.682	930			92.0	81.3	6.1		93
Wet Bulb	5088981	68763	73.9	2.257	930			90.8	70.3			93
Dew Point	4971177	67961	73.1	2.281	930			92.5	59.5			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 CIAPETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1980 KENNEDY SPACE CENTER FL

69-70,73-3

400

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0900

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 41				0.2														2	3		
7 / 75		1.8	3.5	1.4	0.2													50	60		
7-7 / 77		2.1	3.8	5.4	0.9													191	191	37	17
7-7 / 75		3.1	20.8	2.5														244	244	273	188
7-4 / 73		5.9	18.6	0.8														273	273	375	230
7-1 / 71		7.3	10.9	0.8														174	124	138	224
7 / 69		6.7	0.2															63	53	70	100
7-7 / 67		1.2																11	11	43	58
6 / 65		0.2																2	7	3	10
4 / 62																					
TOTAL	11.4	72.7	12.7	2.5	0.2													970	970	970	970

Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3023821	86259	92.8	4.993	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5186677	69409	74.8	2.759	930			92.8	73.0	2.2		97
Wet Bulb	4981675	68729	73.8	2.409	930			92.2	61.5			47
Dew Point	4892419	67419	72.5	2.449	930			91.2	53.0			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-86 KENNEDY SPACE CENTER FL 69-70, 73-80 STATION STATION NAME YEARS MONTH

PAGE 1 10:00-11:00 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point										
6/ 87																		2	2												
6/ 85				1.1	.4	.2												22	23												
4/ 83			2.2	6.9	2.4													16	126												
7/ 81		.9	7.3	4.2	.9													123	123												
7/ 79		4.4	7.7	1.7	.3	.1												103	133	59	4										
7/ 77	.3	14.2	4.3	1.1														185	158	224	117										
7/ 75	1.6	13.5	1.5	.1														156	156	31	305										
4/ 73	2.3	8.6	.3															104	104	158	270										
7/ 71	.6	5.8	.1															81	81	98	142										
7/ 69	.4	2.4	.2															58	58	42	68										
6/ 67	.2	1.3	.1															12	12	18	19										
6/ 65																				7	17										
4/ 63																					1										
TOTAL	5.5	50.8	23.9	15.1	4.4	.5												930	930	930	930										
Element (X)																					ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	7263202	81548	88.7	8.028	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																			
Dry Bulb	5020283	72731	77.6	4.708	930			93.0	92.9	32.2		93																			
Wet Bulb	5228041	69689	74.9	2.713	930			97.3	77.0	1.1		93																			
Dew Point	5073367	68649	73.8	2.534	930			91.6	68.8			93																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
 C/AF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 - 80 KENNEDY SPACE CENTER FL 69-70, 73-8
 STATION STATION NAME YEARS MONTH

PAGE 1 1970-11
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
47-87							.1											1	1		
47-81						.1	.3											4	4		
47-89						1.4	2.0	.5										37	37		
87-87					5.0	11.2	1.7	.1										172	172		
67-85				8.1	12.1	8.3	.4											343	343		
47-83			1.9	11.3	10.1	1.7												229	229		
47-81		.5	2.8	4.3	.9	.3												92	82	7	
67-79		1.3	1.3	1.1	.3													36	36	248	7
77-77		.9	.6	.3														19	19	449	111
75-75		.2	.2															4	4	174	302
47-73	.4	.2																3	3	46	283
67-71																				6	114
67-69																					31
67-67																					5
TOTAL	.1	3.1	5.9	25.2	36.4	23.0	4.6	.8										930	930	930	930
Element (X)	ΣX²	ΣX	X	σ _x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Rel. Hum.	479763	66463	71.5	7.174	930																
Dry Bulb	6678280	78770	84.7	2.614	930			93.0	93.0	88.8	.1	93									
Wet Bulb	5578039	72009	77.4	1.629	930			93.0	92.4	6.2		93									
Dew Point	5158699	69239	74.5	2.027	930			93.0	77.9			93									

USAFETAC FORM 0-26-5 (OL.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFN WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 080 KENNEDY SPACE CENTER FL 69-70,73-80 AUG
 STATION STATION NAME YEARS MONTH

PAGE 1 12-0-14
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
57-59								.7		.1								4	4		
47-53								.7	.1									5	5		
7-91					.1	.4	1.2	1.0	.2									27	27		
7-89					.3	1.5	5.6	1.8	.2									125	125		
37-37				.5	0.4	17.6	3.9	.4		.1								315	315		
27-25				4.2	16.7	9.0	.5	.1										225	225		
47-37			.8	3.7	4.7	1.4												91	91	1	
7-21		.2	1.3	1.6	.4	.3												38	38	22	
7-79		.4	.6	.1														11	11	321	1
7-77	.1	.3	.5															9	9	475	127
7-75		.9	.2															17	10	133	336
47-73		.9																8	8	37	274
7-71		.2																2	2	8	130
7-69																				1	34
7-67																					13
7-65																					1
7-61																					1
TOTAL	.1	2.9	3.4	10.1	131.2	36.1	11.3	4.0	.9	.3								930	930	930	930
Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	4352304	63178	67.9	8.64	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	6919145	80167	86.2	3.54	930			93.0	92.8	89.6	.9	93									
Wet Bulb	5624977	72309	77.8	1.747	930			93.0	92.1	11.9		93									
Dew Point	5140276	69110	74.3	2.222	930			92.8	74.9	.2		93									

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 88- KENNEDY SPACE CENTER FL 69-70, 73-31 AVG
STATION STATION NAME YEARS MONTH

PAGE 1 15 0-17.1
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point															
64/ 80							.1	.2	.3									5	5																
65/ 81						.2	1.1	.9										20	20																
66/ 82					.1	2.2	1.8	.2	.1									41	41																
67/ 83					4.7	10.0	2.2	.1										158	158																
68/ 84			.1	5.7	16.7	9.8	.6	.9										37	307																
69/ 85			1.5	9.0	5.5	2.2	.2											171	171																
70/ 86		.1	2.0	5.8	1.4													37	37	13															
71/ 87		.5	3.9	.9														40	40	213	6														
72/ 88	.2	1.9	1.2	.3														34	34	436	103														
73/ 89	.4	3.0	1.0															41	41	153	347														
74/ 90	.4	1.5		.1														19	19	30	291														
75/ 91	.3	.3																6	6	23	14														
76/ 92		.1																1	1		28														
77/ 93																				2	10														
78/ 94																					3														
79/ 95																					1														
80/ 96																																			
81/ 97																																			
82/ 98																																			
83/ 99																																			
84/ 00																																			
TOTAL	1.4	7.5	8.7	22.0	27.7	24.3	6.0	1.3	.4									930	930	930	930														
Element (X)	Z _x ²	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	4976867	67417	72.5	9.827	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	6589911	78201	84.1	3.912	930			93.0	92.3	81.8	.5	93																							
Wet Bulb	5524221	71653	77.7	1.976	930			93.0	90.5	6.1		93																							
Dew Point	5118704	68966	74.2	2.175	930			92.6	74.5			93																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1984 KENNEDY SPACE CENTER FL 69-70, 73-31
 STATION STATION NAME YEARS MONTH

PAGE 1 15 LTZ
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
67/91																		1	1	
68/87						.3	.1											5	5	
66/85				1.5	1.7	.5												73	73	
64/83			1.1	7.8	3.8	.5	.7											126	126	
67/81		.1	11.4	11.7	2.7	.3												244	244	
67/79		4.2	14.1	7.4	.9	.1												242	242	43
71/77		6.9	6.2	.9	.7													173	133	276
72/75	.3	6.5	2.4	.1	.1													87	87	372
74/73	.5	3.4	.4															41	41	175
70/71	.1	.8																8	8	89
71/69	.1	.1																2	2	5
67/67		.1																1	1	2
67/65		.1																1	1	1
TOTAL	1.1	22.2	35.6	29.5	9.4	1.8	.4	.1										930	930	930

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.	6333235	76389	82.1	7.952	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5927982	74194	79.8	3.77	930			92.9	91.8	54.6		930
Wet Bulb	5319394	72312	75.6	1.942	930			92.9	86.7	.3		930
Dew Point	5075756	68678	73.8	2.093	930			92.6	70.8			930

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 -80 STATION KENNEDY SPACE CENTER FL 59-70,73-81 YEARS MONTH

PAGE 1 21-0-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
7/ 81		.3	3.2	3.1	.1																												63	53			
7/ 79		6.8	17.5	5.6	.3																												281	221	6	1	
7/ 77	.1	12.6	5.6	1.7	.1																												224	224	143	47	
6/ 75	1.2	15.7	4.8	.3																													204	204	364	27	
4/ 73	.8	11.3	1.4	.1																													123	123	271	32	
7/ 71	.3	2.7	.4																														25	25	178	200	
7/ 69	.1	.8	.1																														9	9	26	64	
7/ 67		.1																															1	1	6	27	
6/ 65																																				1	5
TOTAL	2.4	49.2	36.3	11.3	.3																												927	927		93	

Element (X)	Z _X ¹	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature				Total		
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7229103	81799	88.0	6.085	930							
Dry Bulb	5541791	71751	77.2	2.559	930			93.0	89.5	17.9		97
Wet Bulb	5172246	69330	74.8	2.024	930			92.9	78.9	.1		97
Dew Point	5013016	68250	73.4	2.163	930			92.5	63.9			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1985 KENNEDY SPACE CENTER FL 69-70, 73-87 ALL
 STATION STATION NAME YEARS MONTH
 PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
67-80																		4	4		
67-80																		11	11		
67-81																		62	62		
67-81																		23	23		
67-87																		652	652		
67-88																		998	988		
67-87																		723	723		1
67-81																		650	650		42
67-79																		961	961		27
77-77																		1036	1036		2043
75-75																		978	978		2141
73-73																		708	708		2432
71-71																		310	310		635
69-69																		136	136		443
67-67																		25	25		32
65-65																		3	3		19
63-63																					4
61-61																					1
TOTAL	7.8	34.5	19.6	14.9	13.9	10.7	2.8	.8	.1	.0								744	744	744	744
Element (X)	Σ X'	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	50695759	677937	81.7	11.706	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744									
Dry Bulb	47815262	595192	80.0	5.192	744			743.7	696.6	373.2	1.5	744									
Wet Bulb	42518474	562794	75.6	2.647	744			742.1	649.4	25.6		744									
Dew Point	4044341	548268	73.7	2.333	744			738.8	543.3	.2		744									

USAFETAC FORM 0-20-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1986 KENNEDY SPACE CENTER FL

69-70, 73-87

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/71		.1	1.3	1.9														20	20		
71/72		2.4	1.6	3.2	.2													148	148	1	
72/73	.2	12.2	1.1	2.4	.4													229	229	72	21
73/74	1.1	18.6	3.2	.2														208	208	373	173
74/75	7.9	14.1	2.5															171	171	267	344
75/76	1.7	8.1																68	68	169	219
76/77	.3	1.7																18	18	66	96
77/78		.3																7	7	13	29
78/79		.1																1	1	3	10
79/80																				1	1
TOTAL	6.2	58.1	27.2	7.9	.7													900	900	900	900

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	7328587	81019	90.7	6.254	900			89.9	78.6	9.3		90
Dry Bulb	5188786	68288	75.9	2.868	900			89.6	64.8			90
Wet Bulb	4899514	66374	73.7	2.239	900			88.9	54.3			90
Dew Point	4775563	65527	72.8	2.284	900							90

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17-84 STATION KENNEDY SPACE CENTER FL 69-70, 73-80 YEARS FEB MONTH

PAGE 1 7370-1 (REV. 1-61)
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
77/71			.4	.3														7	7		
77/79		1.2	0.2	2.4														39	39		
77/77	.3	1.4	6.1	1.2	.3													166	166	4	14
76/75	1.9	17.8	3.3	.4	.1													212	212	279	147
74/73	1.9	19.3	1.2															211	211	262	299
77/71	3.2	10.7																125	125	200	229
77/69	1.9	6.0																71	71	107	145
67/67	.1	1.2																12	12	33	48
67/65		.7																6	6	5	15
47/63		.1																1	1	0	3
TOTAL	17.3	67.4	17.3	4.4	.4													900	900	900	900

USAFETAC FORM 0-26-5 (OL.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7626639	32691	91.9	5.688	900							
Dry Bulb	522199	67175	74.6	3.044	900			86.3	68.5	4.6		90
Wet Bulb	4793874	65646	72.9	2.519	900			48.9	54.7			90
Dew Point	4697238	64980	72.2	2.514	900			27.7	45.5			90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-86 STATION KENNEDY SPACE CENTER FL 69-70, 73-9 YEARS MONTH

PAGE 1 09-11
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point
1/ 80																		9	9	
5/ 87					.3	1.7	5.0	1.4										76	73	
6/ 85					5.1	17.7	7.2	.8	.1									216	286	
7/ 82				1.7	14.1	11.3	2.9	.4	.2									275	275	
1/ 81		.1	4.3	7.7	3.2	.3	.1											142	142	4
1/ 79		.3	2.9	1.3	1.1													50	52	172
7/ 77		2.3	1.6	.4	.4													43	43	4
10/ 75		.8	.6															17	17	273
4/ 77		.3		.1														4	4	765
1/ 71		.1																1	1	143
1/ 69																				47
1/ 67																				3
6/ 65																				1
4/ 63																				2
TOTAL		4.0	11.0	29.9	35.0	15.7	3.3	.4										900	910	900
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature												
Rel. Hum.	4049204		65717		73.0	7.579	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	6293464		75220		83.6	2.739	900			90.0	89.9	82.3		90						
Wet Bulb	5315367		69145		76.8	1.867	900			90.0	38.2	2.8		90						
Dew Point	4932201		66593		74.4	2.320	900			85.1	69.2			90						

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 1955 KENNEDY SPACE CENTER FL 62-70,73-0 SEP
STATION STATION NAME YEARS MONTH
PAGE 1 12 1-14
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
7 / 81						.1	.7	.7	.4									17	17		
7 / 80						.4	2.2	2.9	1.9									64	64		
6 / 87				.1	6.8	12.0	2.3	.1	.7									102	192		
6 / 85				4.7	7.3	12.6	1.7	.1										350	350		
4 / 97			.7	5.9	7.3	3.7	.8											161	161	1	
7 / 81			.7	2.3	1.4	.7	.1											50	50	12	
7 / 75		.3	1.7	1.2	.3													71	31	198	6
7 / 77		1.3	.4		.1													17	17	405	80
70 / 75		.9	.3															10	10	103	290
74 / 72	.2	.4																6	6	77	281
71 / 71	.1	.1																2	2	13	15
7 / 69																				1	50
7 / 67																					14
76 / 60																					4
4 / 67																					4
TOTAL	.7	3.1	3.7	13.6	37.9	30.6	7.9	2.4	.7									900	900		900
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4343755	62119	69.7	7.912	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	6538227	76663	85.2	2.081	900			90.0	89.3	85.3		90									
Wet Bulb	5356971	69419	77.1	1.871	900			90.0	88.6	6.0		90									
Dew Point	4908290	66430	73.8	2.363	900			89.2	67.0	.3		90									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1968 KENNEDY SPACE CENTER FL 69-70, 73-80 SEP
STATION NAME YEARS MONTH

PAGE 1 15 0-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point
64/ 82																		1	1	
67/ 81						.1	.3	.2	.1									8	8	
67/ 89					.7	.7	.6	.2										15	15	
68/ 87				.2	2.4	4.2	1.2											73	73	
66/ 85				3.6	15.3	7.8	.3											247	247	
64/ 87			1.1	11.9	9.8	2.8	.7											236	236	
67/ 81		.1	4.7	9.2	4.2	.6	.1											168	168	
67/ 79		.4	3.7	3.1	1.1	.2												77	77	112
71/ 77		2.6	1.8	.2	.1													42	42	384
67/ 75		1.2	1.3															20	20	276
64/ 73	.2	1.2																13	13	99
67/ 71																				21
67/ 69																				2
66/ 67																				
66/ 65																				
64/ 63																				
TOTAL	.2	5.6	12.2	28.0	33.7	16.3	3.2	.7	.1									900	900	900
Element (X)	Σ X ²	Σ X	Σ	Σ	Σ	Σ	Σ	Σ	Σ	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Rel. Hum.	4881476	65856	73.2	8.343	900															
Dry Bulb	6243739	74909	83.2	3.146	900								90.0	90.0	79.6	.1				90
Wet Bulb	5271924	68862	76.5	1.840	900								90.0	87.7	2.8					90
Dew Point	4892164	66326	73.7	2.170	900								89.7	66.1	.1					90

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17886 KENNEDY SPACE CENTER FL
 STATION STATION NAME

69-70, 73-87
 YEARS

SEP
 MONTH

PAGE 1 1877-1880
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
67/87						.1												1	1		
67/85					.1	.3												6	6		
67/83			.4	2.9	1.7	.3												47	47		
67/81		.3	7.2	12.6	2.7													199	199		
67/79		3.3	19.3	10.8	1.1	.1												312	312	14	1
73/77		7.2	8.9	3.7	1.1													168	168	173	35
76/75	.3	6.1	3.6	1.1	.3													107	107	413	244
74/73	.4	2.4	1.7	.1														36	36	226	34
71/71		.4																4	4	67	194
71/69																				12	54
67/67																				3	2
67/65																					2
67/63																					1
TOTAL	1.3	19.9	40.4	31.0	6.7	.8												970	970	970	300
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	6196088	74403	82.7	7.025	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	900									
Dry Bulb	5626178	71124	79.0	2.475	900			90.0	89.6	40.9		900									
Wet Bulb	5071098	67537	75.0	1.940	900			90.0	82.3	.1		900									
Dew Point	4844713	66003	73.3	2.180	900			89.5	62.0			900									

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-90 STATION KENNEDY SPACE CENTER FL 67-70, 73-30 YEARS DEF MONTH
PAGE 1 210-27
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7/ 81		.3	3.3	4.3	.1													73	73		
7/ 79		2.7	14.8	6.1	.6													217	217		
7/ 77		11.7	13.2	3.1	.8													245	245	95	28
7/ 75		.7	16.7	4.9	1.7	.2												217	217	357	201
7/ 73		.9	9.9	1.2	.2	.1												110	110	291	345
7/ 71		.3	2.1	.9														34	34	115	721
7/ 69			.3	.1														4	4	3	69
7/ 67																				7	35
7/ 65																					
7/ 63																					
TOTAL	2.2	43.7	37.4	15.3	1.3													910	910	910	205

Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6869914	78414	87.1	6.498	900	$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	5355133	69387	77.1	2.602	900			90.0	86.2	17.2		97
Wet Bulb	4971215	66865	74.3	1.978	900			90.0	74.8	.1		97
Dew Point	4804973	65731	73.0	2.199	900			89.4	57.5			97

USAFETAC FORM 0-20-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

085

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12-86 KENNEDY SPACE CENTER FL 69-70, 73-80 OFF
STATION MONTH
STATION NAME YEARS
PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point
54/ 50																		1		
57/ 51							.1	.1	.1									25	25	
61/ 59					.1	.4	.5	.3										38	38	
67/ 57				.1	1.4	2.7	.8	.7	.0									344	344	
66/ 55				1.7	6.9	3.8	.3	.7										892	892	
64/ 53			.5	4.3	3.9	1.1	.2	.0										763	763	1
67/ 51		.1	2.6	5.4	1.5	.2	.7											751	751	22
71/ 79		1.9	8.5	3.3	.5	.7												1066	1066	505 16
71/ 77	.1	7.2	5.9	1.5	.4													1090	1090	1749 414
76/ 75	.7	9.7	2.3	.4	.1													955	955	2295 19.1
74/ 73	1.2	7.5	.8	.1														686	686	1522 2477
72/ 71	.9	3.6	.2															339	339	715 15.5
70/ 69	.4	1.4	.1															129	129	248 61.9
68/ 67	.7	.3	.7															28	28	75 19.8
67/ 65		.2																11	11	12 5.2
64/ 62		.7																2	3	12 2.9
62/ 61																				1
TOTAL	1.3	32.0	21.9	17.8	14.7	7.9	1.9	.5	.1									7200	7200	7200

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	49286620	590412	92.0	11.005	7200	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	45566078	571734	79.4	4.804	7200			718.7	669.1	342.9	.1	7200
Wet Bulb	40647572	540662	75.1	2.588	7200			717.6	609.5	11.8		7200
Dew Point	38687001	527493	73.3	2.396	7200			712.0	480.9	.4		7200

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

79

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10820 KENNEDY SPACE CENTER FL 64-70,73-81 OCT
STATION STATION NAME YEARS MONTH
PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/83						.1												1	1			
72/81		.2	.1			.1												4	4			
71/79		.8	1.1	1.9	.4													41	43	4	1	
73/77		1.2	3.9	5.9	3.7	1.0	.1											146	146	6	2	
76/75	.1	5.1	3.1	4.2	2.3	.8	.2											146	146	53	20	
74/73	.1	6.9	4.8	2.9	.8	1.6	.2											161	161	118	76	
72/71	.3	7.6	2.7	1.0	1.0	.5	.2											129	129	181	124	
72/69	.4	4.9	2.7	.6	1.1	1.1												94	94	163	169	
68/67		2.5	1.6	.9	1.1	.2												58	58	102	119	
66/65	.2	2.7	.8	.4														38	38	79	88	
64/63		1.3	.1	.2														15	15	66	88	
62/61		1.5	.4															18	18	44	45	
61/59		1.5	.2			.1												17	17	33	40	
58/57		1.9	.2	.4	.1													25	25	24	37	
55/55		.8	.3	.2														12	12	14	48	
54/53		.2	.3	.2														7	7	4	4	
52/51		.3																3	3	18	17	
51/49		.5	.1															6	6	8	10	
48/47		.5																5	5	6	12	
46/45		.1																1	1	5	6	
44/43																						
42/41		.3																2	2		1	
41/39		.1																1	1	2		
38/37																				1		
36/35																						
TOTAL	1.2	40.8	22.0	18.7	11.1	5.5	.9												929	929	929	
Element (X)	ΣX ²	ΣX	X	σ _x	No. Obs.	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Rel. Hum.	6414745	76469	82.3	11.387	929																	
Dry Bulb	4779892	66360	71.4	6.540	929					75.0	49.9	1.5										
Wet Bulb	4292937	62886	67.7	6.232	929					62.8	18.3											
Dew Point	4040244	60932	65.6	6.869	929					51.5	10.2											

USAFETAC FORM AIR 84 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-86 KENNEDY SPACE CENTER FL 69-70, 73-8
 STATION STATION NAME YEARS
 OCT MONTH
 PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
47 80					.1	.1											2	2	
47 81			.1														1	1	
7 79		.4	1.1	.4	.4	.2											24	24	1
7 77		1.4	3.8	3.1	1.7	.9											109	100	5
7 75		4.5	4.1	3.9	2.5	1.1	.1										149	149	42
7 73	.1	7.9	3.1	2.9	1.7	.9	.1										146	146	117
7 71	.2	6.9	2.9	1.2	1.4	.6	.3										125	125	142
7 69	1.4	6.6	1.7	1.2	1.4	1.0	.1										122	122	164
6 67	.4	3.8	1.0	.1	.9	.4											61	61	123
6 65	.6	4.5	.5	.9	.1												60	60	79
4 63	.3	2.4	.4	.3													34	34	76
7 61		1.7	.4														20	20	52
7 59	.2	1.6	.1														18	18	51
7 57		1.7	.2														19	19	16
5 55		1.3	.2	.2													16	16	16
4 53		.4	.5	.2													11	11	9
2 51		.5	.2														7	7	13
2 49		.6															6	6	14
4 47		.4															4	4	6
4 45		.3															2	2	6
4 43		.2															2	2	4
2 41																			1
4 39		.1															1	1	
3 37																			1
2 35																			1
TOTAL	3.3	44.7	20.3	13.9	10.5	4.6	.6										930	930	930
Element (X)	Σx^2	Σx	\bar{x}	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	6705074	78233	84.1	11.56	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total							
Dry Bulb	4651367	65483	70.4	6.610	930			73.0	42.2	.6		930							
Wet Bulb	4222781	62397	67.1	6.255	930			59.4	16.5			930							
Dew Point	3998765	60651	65.2	6.830	930			48.3	10.6			930							

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12884 KENNEDY SPACE CENTER FL 69-70,73-87 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 0610-1801
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
67/57			.1																														1	1			
67/51			.1																														17	17			
67/79			.2	1.5	1.5	1.5	.4	.1	.1																							56	56				
77/77			2.5	3.7	3.4	3.3	.6	.1																								157	127	11			
76/75	.1	4.1	2.9	4.1	2.7	1.1	.2	.1																								141	141	65	27		
74/73	.2	7.3	2.4	2.4	1.3	1.2	.1																									135	133	113	57		
77/71	.4	7.7	2.6	.9	1.4	.3	.4																									128	128	178	129		
77/69	.6	4.8	1.1	.6	1.1	.9																										5	85	135	135		
67/67	.3	3.4	1.4	.9	.8	.1																										54	64	115	134		
67/65	.3	4.4	.8	.3	.2																											56	56	76	85		
47/63		2.4	.5	.1	.1																											29	29	75	75		
77/51	.1	2.1	.4	.2																												26	26	55	77		
77/59	.2	.9	.5	.5	.3																											18	18	55	51		
67/57		.9	.3	.1	.1																											13	13	14	31		
57/55		.5	.2	.2																												7	7	15	20		
64/53		.5	.5	.2																												12	12	9	25		
72/51		.3																														3	3	5	15		
57/49		.4	.2																													5	5	10	7		
67/47		.2																														2	2	4	6		
46/45		.1																														1	1	3	5		
44/43		.1																														1	1	1	3		
62/41																																					
47/39																																					
TOTAL	2.4	43.4	19.2	15.5	13.4	4.8	1.0	.2																										930		930	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6509895	77103	82.8	12.016	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4798533	66467	71.5	6.366	930			75.7	48.0	3.8		93
Wet Bulb	4311959	63773	67.8	5.989	930			60.1	19.2	.1		93
Dew Point	4063651	61159	65.8	6.699	930			51.6	11.8			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1989 KENNEDY SPACE CENTER FL
STATION STATION NAME

69-70, 73-87
YEARS

OCT
MONTH

PAGE 1 1980-11
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
89									.1									1	1		
87					.3		.1	.1										4	4		
85																		21	21		
83				.2	1.3	4.1	5.7	1.6	.2		.1							124	124		
81				.8	4.4	6.3	5.9	1.6	.2	.1								198	189	3	
79			.1	2.3	4.7	4.5	4.7	1.7	.4	.2								167	167	3	
77		1.1	2.6	3.2	3.4	3.8	2.7	.4	.1									158	158	56	
75		.9	1.6	1.8	2.4	3.1	1.3	.1	.1									103	103	126	
73		1.7	1.2	1.1	1.1	1.3	.9	.3	.3									69	69	209	
71	.3	.9	.6	.8	.9	.5	.5	.3	.3									44	44	154	
69		.1	.5	.1	.3	1.7		.3	.3									24	24	117	
67			.4	.1	.2	.1	.2											10	17	92	
65			.1		.2	.1	.5											9	9	73	
63					.1	.1	.5											1	1	42	
61				.3	.1	.2												5	5	22	
59					.1													1	1	11	
57																				5	
55																				7	
53																				4	
51																				3	
49																				4	
47																				5	
45																				6	
43																				1	
41																				3	
39																				1	
TOTAL	.2	4.6	10.3	17.8	25.6	26.7	11.1	2.9	.5	.2								929	929	929	
Element (X)	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	
Rel. Hum.	4417562	63165	68.0	11.488	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5719534	72780	78.3	4.377	929			91.4	83.6	41.6		93									
Wet Bulb	4668372	65706	70.7	4.765	929			76.3	39.9	.4		93									
Dew Point	4162063	61897	66.6	6.401	929			56.5	14.6	.2		93									

FORM 0-26-5 (O.L.A.) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-96 STATION KENNEDY SPACE CENTER FL 69-70,73-80 YEARS OCT MONTH

PAGE 1 12-0-1407 HOURS (L. S. Y. T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
87 / 87																		7	7		
86 / 86																		24	24		
84 / 83																		175	175		
83 / 81																		153	133		
81 / 79																		153	153		1
77 / 77																		133	133	72	4
75 / 75																		75	75	136	41
74 / 73																		56	56	200	99
72 / 72																		20	20	182	110
69 / 69																		10	10	128	162
67 / 67																		4	4	117	132
65 / 65																		6	6	50	71
63 / 63																				31	77
61 / 61																				21	81
59 / 59																				8	53
57 / 57																				3	26
55 / 55																				3	23
53 / 53																				2	21
51 / 51																				2	4
49 / 49																					5
47 / 47																					3
45 / 45																					7
44 / 43																					4
42 / 41																					1
40 / 39																					1
37 / 37																					
TOTAL	.3	4.2	3.5	12.3	19.9	27.1	21.7	8.1	2.3	.6									930	930	920

Element (X)	Z _X ²	Z _X	X̄	s _X	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	32869	7	5910	63.6	11.85	930						
Dry Bulb	547991	15	7447	80.1	4.13	930			92.4	89.0	55.6	97
Wet Bulb	472671	11	5611	71.1	4.66	930			79.5	41.8	.3	97
Dew Point	412525	3	6163	66.3	6.64	930			54.8	14.4		97

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-86 KENNEDY SPACE CENTER FL 69-70,73-87 1967
STATION STATION NAME YEARS MONTH

PAGE 1 10 6-17
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
67/67																		1	1				
67/69																		3	3				
68/67																		12	13				
67/66																		19	19				
67/65																		66	66				
67/64																		150	150	1	1		
67/63																		184	184	3	3		
67/62																		193	193	44	9		
66/65																		123	123	119	23		
64/62																		52	52	198	94		
62/61																		48	48	171	139		
61/60																		20	20	127	145		
60/67																		3	3	102	107		
60/65																		6	6	79	117		
64/63																				37	67		
62/61																				24	61		
61/60																				7	59		
60/59																				14	56		
58/55																				3	24		
47/53																				5	9		
47/51																					1		
47/49																					3		
47/47																					2		
45/45																					4		
44/43																					8		
42/41																					3		
41/39																					1		
TOTAL																					930	930	930
Element (X)	Z _X '	Z _X	X	%	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	4377636	62790	67.5	12.201	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	5717618	72827	78.3	3.969	930			92.4	85.3	38.1		93											
Wet Bulb	4651639	65638	70.6	4.523	930			76.5	36.5	.1		93											
Dew Point	4132496	61706	66.4	6.418	930			52.3	13.2	.1		93											

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 89 KENNEDY SPACE CENTER FL 69-70, 73-80 OCT 1980-2000
STATION STATION NAME YEARS MONTH

PAGE 1 18 0-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
77/81				.3	.2													7	7																	
77/79		.5	2.6	3.8	2.2	.8												91	91																	
77/77		1.3	6.9	6.4	5.2	1.3	.1											189	189	15	4															
76/75		3.7	6.1	5.5	3.7	2.5	.1											200	200	57	0															
73/73	.1	3.9	4.4	5.4	2.1	1.8	.2											156	136	143	75															
71/71	.3	2.3	2.6	1.6	2.2	1.2	.2											96	96	170	157															
69/69		1.5	1.7	1.2	1.7	1.4	.3											75	75	140	130															
67/67		.3	1.3	1.7	.9	.2												37	37	119	106															
65/65		.3	.3	.4	.3	.1	.1											22	22	71	107															
62/62		.4	.1	.1	.6	.2	.1											15	15	71	61															
61/61		.4	.1	.2	.1	.1												9	9	43	61															
59/59		.2	.2	.3	.1	.1												8	3	21	45															
57/57			.1	.1	.1	.1												2	2	14	51															
55/55		.1	.5	.1														7	7	9	27															
53/53			.1	.1														2	2	11	15															
51/51			.1															1	1	3	14															
49/49				.1														1	1	2	10															
47/47																				1	7															
45/45																					1	7														
43/43																						1	7													
41/41																							1	7												
39/39																								1	7											
TOTAL		.4	15.3	20.1	26.5	19.1	9.3	1.5										928	928	928	628															
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	5581517	71281	76.9	10.710	928	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	5071253	68463	73.8	4.719	928			86.3	65.4	4.1																										
Wet Bulb	449253	63787	68.7	5.172	928			67.6	23.3																											
Dew Point	4067733	61153	65.9	6.394	928			50.2	9.9																											

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL BUREAU OF SURVEY
 FEDERAL BUREAU OF SURVEY
 FEDERAL BUREAU OF SURVEY

PSYCHROMETRIC SUMMARY

1988 KENNEDY SPACE CENTER FL 69-70, 73-80 OCT
 STATION STATION NAME YEARS MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb	Dew Point
7/ 91																		1	7	
7/ 89																		11	11	
6/ 87																		4	47	
6/ 85																		174	124	
4/ 83																		359	299	
7/ 81																		553	553	4
7/ 79																		777	777	24
7/ 77																		1189	1189	219
6/ 75																		1102	1102	647
4/ 73																		989	989	1253
7/ 71																		703	703	1343
7/ 69																		526	526	1117
7/ 67																		250	250	971
6/ 65																		233	233	593
4/ 63																		114	114	451
7/ 61																		93	93	323
7/ 59																		50	50	258
7/ 57																		72	72	137
6/ 55																		47	47	82
4/ 53																		35	35	52
7/ 51																		18	18	58
6/ 49																		21	21	36
7/ 47																		12	12	21
6/ 45																		7	7	13
4/ 43																		4	4	4
7/ 41																		3	3	3
4/ 39																		2	2	2
7/ 37																				
6/ 35																				
3/ 33																				
TOTAL	1.1	23.5	17.8	18.0	17.3	13.4	6.2	2.0	.9	.1	.0							7435	7435	7435

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature				Total		
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	43899712	562020	75.8	13.801	7435							744
Dry Bulb	41592337	553997	74.5	6.488	7435			669.9	518.8	147.3		744
Wet Bulb	35597419	512727	69.0	5.671	7435			548.1	214.5	.9		744
Dew Point	32613659	489943	65.9	6.641	7435			414.8	93.9	.3		744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17 86 KENNEDY SPACE CENTER FL 69-77,73-87 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
77/77			.1															1	1			
76/75	.1	1.7	1.8	.4	.2													32	32	1	1	
74/72	.4	2.9	3.3	2.1	.1	.2												82	82	23	11	
71/71	.6	4.8	3.1	1.7	1.7	.4	.1											175	155	23	51	
69/69	.3	5.7	2.3	2.2	1.3	.9	.3											117	117	78	63	
67/67	.4	6.2	3.3	1.1	1.1	.1												110	110	111	87	
65/65	.9	4.6	1.2	1.3	.1	.6												74	74	93	86	
63/63	.7	5.7	.3	.7	.3													69	69	119	87	
61/61	.9	3.2	.4	.1	.3	.1												46	46	43	16	
59/59	.4	2.8	.8	.3	.1	.1												39	39	61	64	
57/57	.2	3.7	1.1	.3	.1	.1												49	49	42	53	
55/55		1.4	.4	.3	.2	.2												24	24	40	47	
53/53		1.0	1.0	.2	.1	.4												25	25	23	34	
51/51		2.2	.8	.4	.4													31	31	22	34	
49/49		1.3	.8	.2	.1													24	24	34	29	
47/47	.1	1.3	.3	.8	.1													23	23	23	21	
45/45		1.1	.7															16	16	21	31	
43/43		2.0		.1														19	19	31	12	
41/41	.1	.9	.2															10	10	23	23	
39/39		.1																1	1	3	22	
37/37																					4	7
35/35			.1	.2														3	3		7	
33/33																						
31/31																					3	6
29/29																						
27/27																						
25/25																						
23/23																						
21/21																						
TOTAL	.1	51.8	22.1	11.1	6.3	3.2	.3											900	900	900	900	
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	6580428		76180		84.6		12.127		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	3735230		57454		63.8		8.668		900				44.7	11.5			9					
Wet Bulb	3413681		54879		61.0		8.688		900		.3		27.6	2.4			9					
Dew Point	3211647		53349		58.9		9.737		900		.9		21.4	1.2			9					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1980 KENNEDY SPACE CENTER FL 69-70,73-8 NOV
STATION STATION NAME YEARS MONTH
PAGE 1 660-180
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
75/77			.1	.4																												5	5		
75/75		.4	1.1	.1	.1																											16	16	1	1
74/73	.4	2.1	2.2	1.3	.7	.3																									65	65	13	6	
73/73	.9	4.4	2.7	.7	1.3	.2																									36	35	38	37	
72/69	1.6	5.9	2.1	.6	1.5	.6																									109	109	79	61	
71/67	1.2	6.2	3.7	.6	.4	.3																									110	110	55	63	
67/65	.9	7.1	1.3	.6	.7	.1	.1																								93	93	109	84	
64/63	1.2	6.1	.7	.2	.2																										74	74	122	103	
61/61	.7	4.4	.6	.1																											52	52	73	94	
59/59	.7	4.2	.7	.2	.1																										51	51	68	69	
57/57	.7	2.6	.3	.3	.3	.1																									43	43	46	65	
55/55		2.2	.9	.1	.3	.1																									33	33	28	39	
54/53	.1	1.7	1.1	1.1	.2	.1																									39	39	33	32	
52/51		2.1	.3	.3	.1																										34	34	29	30	
49/49	.1	1.2	1.1	.6	.1																										27	27	35	28	
47/47	.1	1.1	.7	.1																											18	18	31	22	
45/45		.2	.3	.4																											13	13	29	22	
44/43		.3	.6																												12	12	17	21	
42/41	.1	.6																													6	6	15	24	
40/39	.2	.4		.2																											8	8	15	21	
37/37			.3	.2																											4	4	1	19	
35/35			.1																												1	1	1	5	
34/33			.2																												2	2	5	6	
32/31																																			
30/30																																			1
27/27																																			1
25/25																																			1
24/23																																			1
TOTAL		53.6	20.9	8.7	5.6	2.3	.1																									900	900	900	900
Element (X):	Σx ²	Σx	Σ	σ _s	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	6830247	77685	86.3	11.779	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	3648231	56779	63.1	8.579	900			39.0	8.6			9																							
Wet Bulb	3369332	54504	60.6	8.733	900			24.3	1.4			9																							
Dew Point	3196930	52906	58.8	9.831	900			21.0	.7			7																							

USAFETAC FORM 0-26-5 (OL A) REVISED PERIODIC EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

17490 KENNEDY SPACE CENTER FL 69-70, 73-80 NOV 1969-11.00
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)
PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
78/ 57																		2	2	
74/ 53								.1		.1								3	3	
72/ 51				.1	.4	1.2	.4	.1										21	21	
70/ 49			.3	2.7	2.7	1.6	.7	.2										73	73	
70/ 47		.3	1.6	2.4	4.6	2.3	1.4											114	114	
70/ 45		1.3	2.3	3.8	3.2	1.6	.7	.2	.1									120	120	2
70/ 43	.1	2.2	2.9	4.3	1.8	3.0	1.6	.1	.1									141	141	20
70/ 41	.4	1.4	2.9	2.7	2.1	.8	.7											60	98	76
70/ 39		1.7	2.6	1.6	1.3	1.1	.4											77	77	61
70/ 37	.1	.8	1.1	1.2	.9	1.2	.7	.1										53	53	96
67/ 65		1.2	1.1	1.4	.4	.2	.2		.1									42	42	97
64/ 62		.3	.9	.8	1.1	.7	.8	.2										39	39	95
62/ 61		.3	.2	.4	.3	.4	.1	.2										19	19	81
62/ 59	.1	.7	.4	.4	1.2	.4												28	28	66
60/ 57		.3	.3	1.1	.3													18	18	51
56/ 55	.1	.1	.6	.6	.1													13	13	40
54/ 53	.2	.3	.4	.3			.1											13	13	26
52/ 51	.2	.1	.2	.1	.1													7	7	24
51/ 49	.4	.2	.2	.2														10	10	32
48/ 47				.1														1	1	12
46/ 45			.1	.1														2	2	22
44/ 43			.1	.1	.1													2	2	17
42/ 41				.3														2	2	14
41/ 39				.1														1	1	14
38/ 37			.1															1	1	9
35/ 35																				6
34/ 33																			1	4
32/ 31																				4
29/ 29																				2
27/ 27																				3
26/ 25																				1
24/ 23																				1
TOTAL	.7	10.4	18.1	24.0	22.6	14.7	7.9	1.2	.4									900	900	900
Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	Z ₆	Z ₇	Z ₈	Z ₉	No. Obs.	Mean No. of Hours with Temperature					Total				
Rel. Hum.	4620024	63352	70.4	13.366	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb	4584596	63372	71.1	7.549	900			70.2	47.4	4.6			9							
Wet Bulb	3815998	58188	64.7	7.747	900			45.9	9.6				9							
Dew Point	3376113	54432	66.9	9.670	900		1.1	27.8	2.3				9							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1288 KENNEDY SPACE CENTER FL 69-70, 73-81 NOV
 STATION STATION NAME YEARS MONTH

PAGE 1 1788-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
8/ 87							.1										1	1		
6/ 85							.3					.1					9	9		
4/ 82					.6	1.1	.8	.4				.1					27	27		
2/ 81			.7	1.3	2.2	1.8	.8	.3				.2					67	67		
7/ 79			.3	2.1	4.6	5.9	2.8	.3									140	140		
7/ 77		.1	1.1	3.2	5.1	4.4	2.9	.7				.1					156	156		
6/ 75		.4	.8	2.8	2.7	3.3	1.4	.9				.3	.1				114	114	73	
4/ 73		.6	.4	1.4	1.3	2.8	2.1	.8				.8					65	65	97	
7/ 71	.1	.6	1.1	1.9	1.4	1.1	1.4	.4				.3					74	74	116	
7/ 69	.1	.3	.2	.2	1.1	1.6	1.2	.4				.2					43	48	136	
6/ 67		.9	.9	1.1	1.1	1.7	.3	.4				.4	.1				65	65	117	
6/ 65		.4	.2	.3	.3	.7	.3	.4				.1					22	22	60	
4/ 63			.2	.3	1.1	.8	.4	.1				.1					25	29	70	
2/ 61		.1		.6	.8	1.1	.1	.2				.3					27	27	54	
10/ 59				.2	.4	.3	.1	.1				.1					12	12	48	
8/ 57				.3	.3	.3	.1	.1									7	7	32	
8/ 55				.1	.4	.1	.1	.1									6	6	21	
4/ 53			.1		.1		.1										3	3	26	
2/ 51		.3		.1	.1												5	5	32	
6/ 49		.3		.1	.1												4	4	9	
8/ 47																			17	
4/ 45																			4	
4/ 43			.3	.1													3	3	25	
2/ 41																			6	
7/ 39																			2	
2/ 37																			1	
7/ 35																			7	
4/ 33																			7	
7/ 31																			6	
7/ 29																			1	
7/ 27																			1	
TOTAL	.2	4.1	5.7	15.6	22.9	27.7	15.4	5.8	2.1	.3								900	900	900
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	3730618	56762	63.2	12.947	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F									
Dry Bulb	4962955	66549	73.9	6.843	900			78.6	59.9	17.9		900								
Wet Bulb	3915280	59010	65.6	7.168	900			49.5	12.6			900								
Dew Point	3335968	54124	60.1	9.498	900		1.1	26.0	2.0			900								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1480 STATION KENNEDY SPACE CENTER FL STATION NAME 69-70,73-8 YEARS NOV MONTH

PAGE 1 15-1-17 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
67/ 75							.1																										1	1				
67/ 73						.1	.2	.4	.1	.1																							9	9				
70/ 71			.1	.3	1.2	.4	.7	.3	.1																								29	29				
70/ 79			.7	1.8	2.3	2.2	.9	.3																									71	71				
73/ 77			1.8	3.7	3.9	2.4	1.3	.1																									110	110	1			
76/ 74		1.7	2.9	5.9	4.2	2.6	.7	.1																									156	156	13	6		
74/ 73	.1	.4	2.3	4.1	2.1	2.6	1.2	.1	.1																								117	117	97	13		
73/ 71	.1	1.3	1.9	2.8	2.2	1.7	1.1	.1	.4																								105	105	100	51		
71/ 69	.2	.7	.9	1.1	2.9	1.6	.8	.2	.1																								76	76	144	94		
73/ 67	.1	.1	.9	1.4	1.8	.4	.4	.1	.2																								53	53	107	32		
76/ 65		2.0	.9	1.1	1.2	.3	.2	.1																									52	52	93	97		
74/ 63		.4	.2	.7	.3	.7	.6	.4	.1																								35	35	52	100		
71/ 61				.9	.7	.8	.4	.4	.1																								29	29	69	90		
71/ 59			.3	.6	.7	.4	.2	.1	.1																								22	22	44	50		
71/ 57				.6	.6	.3	.1																										12	12	33	66		
58/ 55				.3	.2	.1	.1																										7	7	23	37		
74/ 53				.1	.1	.1	.1																										3	3	24	37		
72/ 51			.1	.1	.1	.1	.1																										6	6	21	35		
71/ 49		.3			.1																												4	4	24	25		
71/ 47																																			4	4	20	24
76/ 45																																			3	3	11	
74/ 43				.3																														3	3	2	22	
72/ 41																																					4	11
71/ 39																																				3	13	
70/ 37																																					7	
73/ 35																																						
74/ 33																																						
73/ 31																																						
71/ 29																																						
71/ 27																																						
71/ 25																																						
TOTAL		.6	6.3	13.1	24.8	23.9	17.7	9.3	2.9	1.3	.2																								900	900	900	
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature																													
Rel. Hum.	4273884		60788		67.9	13.675	900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	4693279		64725		71.9	6.536	900				72.7	49.3	6.9																									
Wet Bulb	3033275		58383		64.9	7.151	900				45.2	10.1																										
Dew Point	3338979		54141		60.2	9.553	900			1.0	25.6	1.9																										

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1966 KENNEDY SPACE CENTER FL 69-70, 73-81
 STATION STATION NAME YEARS
 PAGE 1 NOV MONTH
 1870-2707 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
72/ 77					.1												1	1			
73/ 77		.3	.6	.2	.2												12	12			
76/ 75		1.3	3.8	1.1	.2	.1											56	56	5	4	
74/ 72		3.9	4.8	2.3	1.4	.1											109	109	30		
72/ 71	.1	5.1	4.9	1.9	1.4												150	127	77	5	
71/ 69	.4	3.3	5.7	2.3	2.9	1.7											145	145	113	54	
68/ 67	.1	3.9	3.9	1.9	1.2	.6	.1										105	105	99	57	
66/ 65		3.9	2.2	.3	1.7	.6											76	76	117	107	
64/ 63	.2	2.9	1.3	1.6	.6	.2											61	61	92	74	
62/ 61		1.9	1.1	.3	.4	.1											38	38	54	51	
61/ 59		.8	1.1	.7	.7	.2	.1										22	22	55	52	
60/ 57		.7	.7	.4	.4	.1	.1										24	24	44	47	
58/ 55		.7	.9	.6	.2	.3	.1										30	37	38	49	
54/ 53		.7	.1	.4	.2												18	19	26	35	
52/ 51		.9	1.0	.4	.1												22	22	24	27	
51/ 49	.1	.2	1.1	.4		.1											18	13	23	33	
50/ 47		1.1	.3	.6													17	17	29	24	
48/ 45		.3	.3														6	6	29	19	
44/ 43		.2		.1													3	3	11	19	
42/ 41		.1															1	1	6	22	
41/ 39				.7													2	2	4	14	
37/ 37		.2															2	2	1	14	
36/ 35																			2	4	
34/ 33																			2	4	
32/ 31																				1	
31/ 29																				1	
27/ 27																				1	
24/ 23																				1	
22/ 21																				1	
TOTAL	1.7	32.0	33.7	16.8	12.7	3.3	.4											898	898	898	

Element (X)	Z _g ¹	Z _g	X	σ _g	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5353120	71710	79.9	11.885	898	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3998979	59539	66.3	7.611	898			54.9	17.8			9
Wet Bulb	3557866	56062	62.4	8.036	898			32.5	3.5			9
Dew Point	3282649	53621	59.7	9.494	898			23.9	1.2			9

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 STAFF FAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 080 KENNEDY SPACE CENTER FL 69-70, 73-81 YEARS NOV
 STATION STATION NAME MONTH
 PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
87																		3	3		
85																		10	10		
83																		39	39		
81																		117	117		
79																		245	245		
77																		401	401		
75																		537	537	73	10
73																		766	766	3-1	27
71																		779	779	25-1	42
69																		814	814	536	63
67																		835	835	835	67
65																		856	856	787	73
63																		828	828	814	74
61																		314	314	572	73
59																		272	272	442	51
57																		232	232	322	43
55																		168	168	242	34
53																		172	172	192	26
51																		148	148	279	26
49																		136	136	222	22
47																		97	97	172	17
45																		47	47	142	16
43																		59	59	113	16
41																		37	37	91	14
39																		19	19	47	12
37																		14	14	15	9
35																		3	3	12	-
33																		2	2	12	5
31																				12	3
29																				1	1
27																					1
25																					
23																					
21																					
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17880 KENNEDY SPACE CENTER FL No-77,73-79 YEARS DEC
STATION STATION NAME MONTH
PAGE 1 00-00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
75			.1															1	1		
73		.8	.3	.1		.1												12	12	3	
71		1.5	.3	.4														26	26	7	
69	.4	2.2	.5	.7														73	73	17	
67	.4	3.0	1.0	1.1	.1													109	109	50	
65	.4	3.8	1.1	1.1	.1	.1												135	135	74	
63	.4	4.6	.9	1.1	.1	.1												170	170	89	61
61	.4	5.4	.9	1.1	.1	.1												211	211	97	71
59	.4	6.2	1.1	.9	.1	.1												258	258	101	77
57	.4	7.0	1.1	.1	.1	.1												313	313	105	80
55	.4	7.8	1.1	.1	.1	.1												379	379	109	83
53	.4	8.6	.8	.1	.1	.1												459	459	113	86
51	.4	9.4	.8	.1	.1	.1												554	554	117	89
49	.4	10.2	.6	.1	.1	.1	.2											665	665	121	92
47	.4	11.0	.6	1.5	.6	.1	.2											793	793	125	95
45	.4	11.8	.6	.2	.2	.1	.2											938	938	129	98
43	.4	12.6	1.3	.1	.1	.1	.2											1099	1099	133	101
41	.4	13.4	1.3	.1	.1	.1	.2											1277	1277	137	104
39	.4	14.2	.4	.1	.1	.1	.2											1472	1472	141	107
37	.4	15.0	.4	.1	.1	.1	.2											1685	1685	145	110
35	.4	15.8	.4	.1	.1	.1	.2											1916	1916	149	113
33	.4	16.6	.4	.1	.1	.1	.2											2165	2165	153	116
31	.4	17.4	.4	.1	.1	.1	.2											2432	2432	157	119
29	.4	18.2	.4	.1	.1	.1	.2											2717	2717	161	122
27	.4	19.0	.4	.1	.1	.1	.2											3020	3020	165	125
25	.4	19.8	.4	.1	.1	.1	.2											3341	3341	169	128
23	.4	20.6	.4	.1	.1	.1	.2											3680	3680	173	131
21	.4	21.4	.4	.1	.1	.1	.2											4037	4037	177	134
TOTAL	7.1	55.3	19.1	17.9	5.3	.4												930	930	93	93
Element (X)	Σ X'	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	6883302	79252	85.2	11.914	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3195372	53736	57.8	9.868	930	.4	21.6	1.3				93									
Wet Bulb	2933179	51419	55.3	9.857	930	1.3	10.0	.3				93									
Dew Point	2743962	49492	53.2	10.888	930	5.1	7.8					93									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1950 KENNEDY SPACE CENTER FL 63-70, 73-77 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 1 1300-05
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70 / 73		.6		.1														7	7		
71 / 71		1.3	.1	.3	.2													18	14	9	4
72 / 69	.1	3.7	1.9	.9	.4													55	35	18	17
73 / 67	1.1	3.5	1.7	1.4	.7	.1												78	73	33	47
74 / 65	.9	4.8	2.1	.8	.2	.1												58	39	7	5
75 / 63	.9	5.6	1.1	1.2	.8	.1												57	37	4	6
76 / 61	1.1	4.1	.6	.1	.4													58	38	9	7
77 / 59	1.7	4.2	.6	.3	.1													45	35	4	3
78 / 57	1.1	3.9	1.1	.5	.2													62	37	6	7
79 / 55	.8	4.1	.9	.3	.1													44	34	3	3
80 / 53	.9	3.7	1.3	.1	.2													54	34	1	3
81 / 51	.6	2.8	.8	.1														40	33	3	4
82 / 49	.3	3.4	.5	.2	.2													45	33	4	3
83 / 47	.2	2.5	.3	.1														39	33	3	4
84 / 45	.8	2.2	1.1	.8	.1													44	32	3	4
85 / 43	.1	1.9	1.1	1.3														40	31	3	4
86 / 41	.1	2.0	.4	.5														50	31	4	4
87 / 39	.3	.8	1.4	.3														26	29	2	1
88 / 37	.1	.4	.6															11	11	3	1
89 / 35	.3	.2	.2	.1														8	9	1	3
90 / 33	.1	.3	.1															5	9	1	1
91 / 31	.2	.1																3	9	1	1
92 / 29																		2	8	1	2
93 / 27	.1																	2	8	1	1
94 / 25	.1																	1	1	1	1
95 / 23																					
TOTAL	11.8	56.1	17.8	10.1	4.1	.3												930	930	930	930
Element (X)	Σ X'	Σ X	Σ Y	Σ X	No. Obs.	Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Rel. Hum.	7111597	80621	81.7	11.489	930																
Dry Bulb	3102818	52954	56.9	9.712	930		.6	16.8	.7				9								
Wet Bulb	287464	50898	54.7	9.790	930		1.3	7.2	.2				9								
Dew Point	271652	49184	52.9	10.857	930		5.4	6.6					9								

USAFETAC FORM AIR 84 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-86 KENNEDY SPACE CENTER FL 68-70,73-79 YEARS DEC

PAGE 1 1670-86
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
7 / 77																		1	1	
7 / 75		.4	.1		.1													6	8	
7 / 71	.1	1.7	.4	.3	.1													29	29	1
7 / 69	.7	3.3	1.4	.8	.1													59	57	27
7 / 67	1.1	4.2	1.4	1.1	1.1													81	81	41
6 / 65	1.7	4.9	1.4	.9	.7													78	78	54
4 / 63	1.3	4.5	1.3	1.3	.1													78	74	75
7 / 61	1.4	3.3	.3	.4	.5													64	64	61
7 / 59	1.4	5.3	.3	.1	.1													75	75	5
7 / 57	1.1	4.7	.8	.4	.1													66	66	67
5 / 55	.3	3.1	.1	.1														42	42	68
4 / 53	.3	2.3	.1	.3														36	36	47
7 / 51	.3	2.9	1.3	.2														60	57	41
5 / 49	.3	4.3	.1	.4	.2													54	54	39
7 / 47	.3	2.7	.1	.1	.1													40	40	46
7 / 45	.3	2.2	1.1	.1	.1													39	39	43
4 / 43	.3	1.6	1.1	.1	.1													36	36	46
2 / 41	.3	1.2	1.1	.3	.1													25	25	18
4 / 39	.3	1.1	1.1	.1	.1													33	33	24
7 / 37	.3	.3	.1	.4														16	16	23
7 / 35	.3	.1	.1	.1														13	13	2
3 / 33	.3	.2	.1	.1														6	6	27
7 / 31	.1	.2	.1	.1														5	5	11
7 / 29	.1	.1	.1	.1														2	2	13
7 / 27	.1	.1	.1	.1														1	1	11
7 / 25	.1	.1	.1	.1														1	1	11
4 / 23																				
TOTAL	12.3	56.8	17.7	9.6	3.7													930	930	930
Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	71539.6	80868	87.0	11.462	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
Dry Bulb	3074410	52656	56.8	10.009	930		.8	17.2	.7			930								
Wet Bulb	2855738	50664	54.5	10.143	930		1.5	8.6				930								
Dew Point	2698367	48973	52.7	11.311	930		6.0	6.8				930								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 - 78 KENNEDY SPACE CENTER FL 68-70, 73-79 YEARS 050
 STATION MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
77/81				.1	.1													5		
77/77			.1	.3	.3													7		
77/77			.3	.9	.9													15	10	
76/75		.3	1.1	2.2	1.9	1.5	.7											19	19	
47/73		.5	1.6	1.7	2.2	1.9	.3	.1										62	48	17
77/71	.1	2.2	3.1	1.9	2.8	1.1	.1											16	46	72
77/59	.1	2.6	4.2	2.2	1.4	1.7	.4											110	110	32
77/67	.4	2.7	3.1	1.9	2.2	.6	.2	.1										95	65	54
66/65	.3	2.6	1.4	1.3	.3	.9	.2	.2										63	68	113
74/63	.1	2.7	1.2	1.3	1.4	.4		.1										72	72	97
77/61	.1	1.6	.3	1.6	1.8	.3	.2	.1	.1									61	61	76
77/59	.1	1.1	1.5	.6	1.7	.4		.1										47	47	67
77/57	.1	1.4	1.4	.3	.5	.4	.4	.1										49	49	60
58/55		1.2	1.7	1.1	.3	.4												42	42	60
64/53		.2	.3	1.2	.5	.3	.1											31	31	51
77/51		.6	.8	.3	1.1	.1												31	31	36
57/49	.1	.5	1.1	.4	.2	.1												12	22	23
77/47		.4	1.1	.7	.2	.1												21	21	23
48/45		.1	.5	.2	.1													9	9	23
44/43	.1	.3	.6	.4														14	14	20
62/41		.1	.6															6	6	19
77/39		.1	.3															3	3	14
77/37		.1																1	1	11
77/35		.1																1	1	7
34/33																				2
76/31																				1
77/29																				
75/27																				
76/25																				
74/23																				
72/21																				
77/19																				
TOTAL	1.4	19.2	25.3	23.5	19.5	3.7	2.4	.3	.1									930	930	930

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5136542	68152	73.3	14.385	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3911348	59776	64.3	8.633	930			45.2	15.1	.4		62
Wet Bulb	3334706	55652	59.8	8.998	930			.1	20.7	2.7		50
Dew Point	2944929	51289	55.1	11.192	930			4.9	12.2	.3		53

GLOBAL CLIMATOLOGY BRANCH
 AFMSTAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1. STATION: KENNEDY SPACE CENTER FL YEARS: 68-77, 73-79 MONTH: DEC
 STATION NAME: KENNEDY SPACE CENTER FL YEARS: 68-77, 73-79 MONTH: DEC
 PAGE 1 1278-146
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
47 / 93					.8	.2	.4											9	9		
7 / 79				.2	.3	.5	.1											13	13		
7 / 77			.1	.8	1.1	.6	.2	.1										29	29		
47 / 75			.4	2.7	4.8	3.4	1.8	.3										171	121	7	
47 / 73		.1	1.1	1.3	2.8	2.8	.9	.1										97	27	75	2
47 / 71		.9	2.7	1.7	2.7	1.9	1.7											102	102	41	21
7 / 59		1.1	1.4	1.7	1.6	2.3	1.4	.2		.3								91	91	95	33
47 / 67		.3	1.7	.9	.3	1.5	.3	.3	.3									72	72	64	67
8 / 65		1.3	.8	.4	2.5	1.7	.9	.3	.6									77	77	111	71
47 / 53	.1	1.2	.3	.3	.4	1.1	.4	.5	.1									49	49	100	73
7 / 61		.3		.3	2.5	1.5	.5	.3	.3									46	46	64	97
7 / 57		.4	.4	.2	1.2	.8	.2	.3	.2									44	44	75	87
7 / 57		.2	.3	.3	1.2	.6	.3	.2	.2									34	34	46	59
5 / 55		.6	.1	.9	.8	.3	.4	.4										31	31	34	35
47 / 53			.1	.6	.9	.3	.3	.3	.3									72	22	58	57
7 / 51			.4	.4	.3	.2	.3	.2	.2									15	15	49	53
7 / 49		.2		.4	.2	.2	.2	.2										11	11	33	35
47 / 47					.3	.4												6	6	30	35
47 / 45																				28	32
47 / 43																		2	2	14	41
27 / 41				.1														1	1	9	18
47 / 39																				9	21
7 / 37																				4	23
7 / 35																				1	19
7 / 33																					11
7 / 31																					15
7 / 29																					
7 / 27																					11
7 / 25																					6
47 / 23																					4
2 / 21																					1
7 / 19																					1
7 / 17																					
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					TOTAL										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17880 KENNEDY SPACE CENTER FL 68-70, 73-79 YEARS DEC
 STATION STATION NAME MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
66/35																		1	1	
64/33																		2	2	
62/31																		13	13	
60/29					.5	.2	.1	.3	.2									11	11	
58/27				.5	1.5	.6	.3	.3	.1									37	37	
56/25		.1	1.0	1.3	2.1	1.7	.8	.1		.1								62	62	1
54/23		.2	2.2	3.4	1.6	1.4	.6	.1										89	89	17
52/21		1.1	4.0	2.3	2.2	.5	.7	.1		.1								111	111	39
50/19		2.2	3.0	2.4	2.4	1.3	1.1	.1	.6									124	124	41
48/17		1.1	2.3	1.6	1.4	1.2	.1	.2	.6	.1								85	85	71
46/15		1.2	1.9	1.7	1.9	1.2	.9	.1	.3	.1								75	75	75
44/13	.1	1.3	1.0	2.2	1.1	.9	.2	.3	.1	.1								64	64	101
42/11	.1	.9	.5	1.5	1.4	.2	.4	.4	.3	.3								58	58	89
40/9	1.1	.9	.2	2.2	1.9	1.2	1.1	.2	.1	.1								72	72	76
38/7		.2	.6	1.2	1.2	.8	.3	.2	.3	.2								36	36	50
36/5		.2	.1	.6	1.4	.6	.3	.1	.3	.3								34	34	49
34/3		.1		.3	.4	.3	.1	.3	.1	.3								30	20	57
32/1		.1			.4	.4	.1	.1	.1	.1								15	15	44
30/0			.1	.3	.2	.4												10	10	37
28/0					.3													4	4	42
26/0		.1																4	4	19
24/0		.2																3	3	16
22/0																				15
20/0																				24
18/0																				24
16/0																				3
14/0																				25
12/0																				14
10/0																				13
8/0																				14
6/0																				17
4/0																				5
2/0																				2
0/0																				1
Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-96 KENNEDY SPACE CENTER FL
 STATION STATION NAME

63-70, 73-79
 YEARS

JFC
 MONTH

PAGE 1 10 L-2700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
7-79					.1												1	1		
7-77					.2												2	2		
8-75		.3	.6	.4	.5												27	27		
14-73		.3	.3	.3	.3												12	12	9	1
17-71		1.9	3.2	1.7	.7												59	59	18	12
17-69	.1	4.6	2.6	2.4	1.1												170	100	36	24
17-67	.2	5.8	3.7	1.7	.3	.2											105	105	97	73
16-65	.3	6.0	2.3	1.0	1.2												100	100	7	85
14-63	.3	4.1	2.7	1.3	.9	.2											79	79	112	58
12-61	.1	3.7	1.6	1.3	.6	.3	.3										74	74	77	110
17-59	.1	2.9	1.1	1.3	.6	.3											59	59	71	83
17-57		1.9	1.1	1.1	.2		.1										46	46	63	62
5-55		2.2	1.1	.5	.4		.1										40	47	42	43
4-53		1.4	1.4	1.4	.4	.1											44	44	39	50
12-51		1.6	1.7	1.1	1.1												44	44	44	36
5-49		1.3	1.4	.6	.3	.1											35	35	51	37
17-47		.9	.9	.9													21	21	31	38
4-45		.6	.2	.3	.2												13	13	39	39
14-43		1.8	.5	1.2													33	33	33	23
2-41		.8	.4	.2													12	12	23	38
17-39		1.1	.3	.1													13	13	20	31
12-37		.9	.1	.1													10	10	22	22
12-35		.2															2	2	9	22
34-33	.1	.1															2	2	6	16
12-31		.1															1	1	1	15
17-29																				7
17-27																				5
16-25																				2
14-23																				3
TOTAL	1.3	45.1	24.7	18.2	8.8	1.3	.5										927	927	927	927

Element (X)	Z _X ¹	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6223505	75093	81.0	12.317	927	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3499418	56329	60.8	9.095	927		.1	30.0	3.5			93
Wet Bulb	3138111	53235	57.4	9.352	927		.1	15.9	.9			93
Dew Point	2881730	50708	54.1	10.797	927		3.2	11.0	.1			93

USAFETAC FORM 0-26-5 (OL A) REVISED THROUGH EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17-98 KENNEDY SPACE CENTER FL
 STATION STATION NAME

65-70, 73-74
 YEARS

DEC
 MONTH

PAGE 1 31-1-2307
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.3	.2	.1													5	5		
74/ 73		.3	.6	.3													12	12	4	
71/ 71	.1	1.6	2.5	.4	.4												42	42	18	1
71/ 69	.3	4.7	2.9	1.4	1.0												45	45	42	2
67/ 67	.3	4.5	2.7	1.3	.9												44	44	74	6
66/ 65	.8	4.1	2.4	.9	1.3	.2											89	59	66	65
64/ 63	.1	5.5	1.5	1.1	.3	.2											31	31	21	5
62/ 61	.3	3.8	1.1	.9	.3	.2											65	65	45	34
61/ 59	.2	3.9	1.4	1.2	.4												65	65	73	97
61/ 57	.1	2.4	1.3	.3	.1												41	41	65	61
58/ 55	.4	2.1	1.7	1.1	.2	.1											45	45	51	42
47/ 53	.2	1.7	.9	.4	.2	.1	.1										21	31	46	57
51/ 51	.1	2.7	.9	.8	.4	.1											49	49	37	41
51/ 49	.1	1.3	.3	1.7	.9												41	41	43	46
47/ 47	.1	2.1	.9	.4	.4												25	35	32	31
47/ 45	.1	1.9	.4	.4	.4												27	27	35	41
44/ 43		1.4	.3	1.1													25	29	48	21
42/ 41		1.5	.6	.1													21	21	28	25
39/ 39		1.5	.3														17	17	26	24
37/ 37	.3	.8	.2	.2													14	14	26	31
36/ 35	.1	1.1	.2														12	12	13	21
34/ 33		.9															6	6	11	21
32/ 31		.4															5	5	7	2
31/ 26	.1	.2															3	3	6	15
28/ 27																				
26/ 25																				
24/ 23																				
TOTAL	4.7	50.4	22.4	14.6	6.6	.9	.1										927	927	927	927
Element (X)	Z _g ²	Z _g	Z	σ _g	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	6614434	77474	83.6	12.276	927	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	3334954	54556	58.9	10.087	927			.9	25.6	1.8		97								
Wet Bulb	3105345	51947	56.1	10.094	927		1.7	13.6	.4			57								
Dew Point	2789188	49776	53.7	11.213	927		4.9	10.3				92								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 AIR 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AND WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10086 KENNEDY SPACE CENTER FL 83-70,73-79 YEARS MONTH LFC
STATION STATION NAME MONTH ALL
PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67 83																		1		1	
67 82																		11	11		
67 81																		28	28		
67 79																		48	48		
67 77																		123	123	1	
67 75																		269	269	15	1
67 73																		293	293	77	5
67 71																		484	484	169	29
67 69																		717	717	393	223
67 67																		715	715	640	472
67 65																		660	660	672	557
67 63																		580	580	747	532
67 61																		497	497	632	67
67 59																		465	465	616	684
67 57																		317	317	499	521
67 55																		326	326	472	412
67 53																		237	237	306	434
67 51																		292	292	347	359
67 49																		251	251	341	349
67 47																		214	214	271	311
67 45																		180	180	259	287
67 43																		152	152	236	251
67 41																		122	122	203	192
67 39																		104	104	154	167
67 37																		71	71	109	122
67 35																		42	42	63	172
67 33																		28	28	57	142
67 31																		15	15	30	137
67 29																		4	4	17	107
67 27																		6	6	7	57
67 25																		2	2	2	40
67 23																					2
67 21																					7
67 19																					2
Element (X)	Σ x ²	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 000 KENNEDY SPACE CENTER FL 54-70,73-8 ALL
STATION STATION NAME YEARS MONTH
PAGE 1 ALL
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
98/95																		18	19		
97/93																		73	73		
97/91																		275	273		
97/89																		545	545		
96/87																		2171	2171		
96/85																		3667	3667		
96/83																		4336	4336		
96/81																		4775	4775		
96/79																		5490	5490		
96/77																		7751	7751		
96/75																		3231	3231		
96/73																		7317	7317		
96/71																		5624	5624		
96/69																		5903	5903		
96/67																		4641	4641		
96/65																		3966	3966		
96/63																		3133	3133		
96/61																		2471	2471		
96/59																		2545	2545		
96/57																		2094	2094		
96/55																		1873	1873		
96/53																		1575	1575		
96/51																		1289	1289		
96/49																		1183	1183		
96/47																		1031	1031		
96/45																		858	858		
96/43																		673	673		
96/41																		476	476		
96/39																		361	361		
96/37																		271	271		
96/35																		172	172		
96/33																		117	117		
96/31																		91	91		
96/29																		39	39		
Element (X)	Σ X ²		Σ X		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12856 KENNEDY SPACE CENTER FL

68-70,73-80

STATION

STATION NAME

YEARS

HRS. LST	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	56.5	54.3	62.2	66.1	71.2	74.6	75.9	75.8	75.9	71.4	63.8	57.8	67.2
	S.D.	9.799	9.406	7.634	6.544	3.982	3.131	3.142	2.682	2.868	6.540	5.665	9.868	10.263
	TOTAL OBS.	930	846	928	900	929	900	930	930	900	929	900	930	10952
3-05	MEAN	55.2	53.4	60.8	64.7	69.6	73.1	74.6	74.6	74.6	70.4	62.8	56.9	66.0
	S.D.	9.656	9.391	7.706	6.667	4.416	3.205	3.132	2.755	3.044	6.610	8.662	9.712	10.218
	TOTAL OBS.	930	846	927	900	930	900	930	930	900	930	900	930	10953
6-08	MEAN	54.7	53.3	61.5	67.1	73.0	76.8	78.1	77.6	76.6	71.5	63.1	56.6	67.6
	S.D.	10.257	9.743	7.889	6.470	4.819	4.134	4.055	4.008	3.841	6.366	8.579	10.009	11.428
	TOTAL OBS.	930	846	927	900	930	900	930	930	900	930	900	930	10953
9-11	MEAN	62.0	61.7	69.8	75.1	79.8	83.3	85.1	84.7	83.6	78.3	71.0	64.3	74.9
	S.D.	10.330	8.720	7.219	4.457	3.370	3.200	2.876	2.614	2.739	4.377	7.545	8.633	10.485
	TOTAL OBS.	930	846	930	900	930	900	930	930	900	929	900	930	10955
12-14	MEAN	66.3	65.9	73.0	77.4	81.2	84.7	86.7	86.2	85.2	80.1	73.9	68.4	77.5
	S.D.	9.547	8.782	7.341	4.776	4.052	3.668	3.801	3.054	2.981	4.138	6.843	7.860	9.555
	TOTAL OBS.	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	65.3	65.1	71.8	76.3	79.5	82.7	84.6	84.1	83.2	78.3	71.9	66.9	75.9
	S.D.	8.824	8.420	7.025	4.669	4.229	4.136	4.492	3.912	3.146	3.969	6.536	7.360	9.187
	TOTAL OBS.	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	59.3	59.2	66.5	71.1	75.5	78.8	80.3	79.8	79.0	73.8	66.3	60.8	71.0
	S.D.	8.814	8.492	7.107	4.953	3.569	3.528	3.713	3.077	2.470	4.709	7.611	9.095	9.856
	TOTAL OBS.	930	846	930	899	930	900	930	930	900	928	898	927	10948
21-23	MEAN	57.5	55.7	63.6	67.7	72.9	76.1	77.2	77.2	77.1	72.3	64.5	58.9	68.5
	S.D.	9.609	9.421	7.748	6.273	3.581	3.044	3.088	2.559	2.502	5.877	8.412	10.087	10.242
	TOTAL OBS.	930	846	930	900	930	900	930	930	900	929	897	927	10949
ALL HOURS	MEAN	59.6	58.6	66.1	70.7	75.4	78.8	80.3	80.0	79.4	74.5	67.2	61.3	71.1
	S.D.	10.511	10.271	8.730	7.333	5.740	5.385	5.594	5.192	4.804	6.488	8.914	10.098	10.995
	TOTAL OBS.	7440	6768	7432	7199	7439	7200	7440	7440	7200	7435	7195	7434	87622

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1986 KENNEDY SPACE CENTER FL 68-70,73-80

HRG	STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02				MEAN 54.3 S.D. 10.097 TOTAL OBS 930	MEAN 52.0 S.D. 9.548 TOTAL OBS 846	MEAN 59.5 S.D. 8.222 TOTAL OBS 928	MEAN 62.7 S.D. 6.571 TOTAL OBS 900	MEAN 68.2 S.D. 4.189 TOTAL OBS 929	MEAN 72.3 S.D. 2.614 TOTAL OBS 900	MEAN 73.8 S.D. 2.628 TOTAL OBS 930	MEAN 73.9 S.D. 2.257 TOTAL OBS 930	MEAN 73.7 S.D. 2.239 TOTAL OBS 900	MEAN 67.7 S.D. 6.232 TOTAL OBS 929	MEAN 61.0 S.D. 8.686 TOTAL OBS 900	MEAN 55.3 S.D. 9.857 TOTAL OBS 930	MEAN 64.6 S.D. 10.321 TOTAL OBS 10952
03-05				MEAN 53.2 S.D. 10.197 TOTAL OBS 930	MEAN 51.3 S.D. 9.529 TOTAL OBS 846	MEAN 58.7 S.D. 8.000 TOTAL OBS 927	MEAN 61.9 S.D. 6.646 TOTAL OBS 900	MEAN 67.2 S.D. 4.468 TOTAL OBS 930	MEAN 71.4 S.D. 2.867 TOTAL OBS 900	MEAN 73.0 S.D. 2.787 TOTAL OBS 930	MEAN 73.1 S.D. 2.409 TOTAL OBS 930	MEAN 72.9 S.D. 2.508 TOTAL OBS 900	MEAN 67.1 S.D. 6.255 TOTAL OBS 930	MEAN 60.3 S.D. 8.797 TOTAL OBS 900	MEAN 54.7 S.D. 9.790 TOTAL OBS 930	MEAN 63.8 S.D. 10.334 TOTAL OBS 10953
06-08				MEAN 52.3 S.D. 10.548 TOTAL OBS 930	MEAN 51.3 S.D. 9.930 TOTAL OBS 846	MEAN 59.1 S.D. 8.221 TOTAL OBS 927	MEAN 63.4 S.D. 6.276 TOTAL OBS 900	MEAN 69.3 S.D. 4.354 TOTAL OBS 930	MEAN 73.6 S.D. 2.869 TOTAL OBS 900	MEAN 75.1 S.D. 2.792 TOTAL OBS 930	MEAN 74.9 S.D. 2.713 TOTAL OBS 930	MEAN 74.2 S.D. 2.773 TOTAL OBS 900	MEAN 67.8 S.D. 5.989 TOTAL OBS 930	MEAN 60.6 S.D. 8.733 TOTAL OBS 10143	MEAN 54.5 S.D. 10.143 TOTAL OBS 930	MEAN 64.8 S.D. 11.042 TOTAL OBS 10953
09-11				MEAN 57.5 S.D. 10.626 TOTAL OBS 930	MEAN 56.2 S.D. 9.005 TOTAL OBS 846	MEAN 62.9 S.D. 7.656 TOTAL OBS 930	MEAN 66.3 S.D. 5.355 TOTAL OBS 900	MEAN 71.5 S.D. 3.695 TOTAL OBS 930	MEAN 75.5 S.D. 2.065 TOTAL OBS 900	MEAN 77.3 S.D. 1.840 TOTAL OBS 930	MEAN 77.4 S.D. 1.625 TOTAL OBS 930	MEAN 76.8 S.D. 1.860 TOTAL OBS 900	MEAN 70.7 S.D. 4.765 TOTAL OBS 929	MEAN 64.7 S.D. 7.747 TOTAL OBS 900	MEAN 59.2 S.D. 8.995 TOTAL OBS 930	MEAN 68.1 S.D. 9.835 TOTAL OBS 10955
12-14				MEAN 59.2 S.D. 9.745 TOTAL OBS 930	MEAN 57.7 S.D. 8.565 TOTAL OBS 846	MEAN 63.8 S.D. 7.418 TOTAL OBS 930	MEAN 66.9 S.D. 5.300 TOTAL OBS 900	MEAN 71.8 S.D. 3.761 TOTAL OBS 930	MEAN 76.0 S.D. 2.158 TOTAL OBS 900	MEAN 77.5 S.D. 2.099 TOTAL OBS 930	MEAN 77.8 S.D. 1.747 TOTAL OBS 930	MEAN 77.1 S.D. 1.871 TOTAL OBS 900	MEAN 71.1 S.D. 4.665 TOTAL OBS 930	MEAN 65.6 S.D. 7.168 TOTAL OBS 900	MEAN 60.7 S.D. 8.329 TOTAL OBS 930	MEAN 68.8 S.D. 9.260 TOTAL OBS 10956
15-17				MEAN 58.9 S.D. 9.239 TOTAL OBS 930	MEAN 57.4 S.D. 8.229 TOTAL OBS 846	MEAN 63.6 S.D. 7.167 TOTAL OBS 930	MEAN 66.6 S.D. 5.123 TOTAL OBS 900	MEAN 71.4 S.D. 3.675 TOTAL OBS 930	MEAN 75.4 S.D. 2.354 TOTAL OBS 900	MEAN 77.1 S.D. 2.304 TOTAL OBS 930	MEAN 77.0 S.D. 1.976 TOTAL OBS 930	MEAN 76.5 S.D. 1.840 TOTAL OBS 900	MEAN 70.6 S.D. 4.523 TOTAL OBS 930	MEAN 64.9 S.D. 7.151 TOTAL OBS 900	MEAN 60.3 S.D. 8.189 TOTAL OBS 930	MEAN 68.4 S.D. 9.079 TOTAL OBS 10956
18-20				MEAN 56.4 S.D. 9.520 TOTAL OBS 930	MEAN 55.1 S.D. 8.692 TOTAL OBS 846	MEAN 61.8 S.D. 7.472 TOTAL OBS 930	MEAN 65.2 S.D. 5.502 TOTAL OBS 899	MEAN 70.1 S.D. 3.774 TOTAL OBS 930	MEAN 74.2 S.D. 2.339 TOTAL OBS 900	MEAN 75.7 S.D. 2.257 TOTAL OBS 930	MEAN 75.6 S.D. 1.942 TOTAL OBS 930	MEAN 75.0 S.D. 1.840 TOTAL OBS 900	MEAN 68.7 S.D. 5.172 TOTAL OBS 928	MEAN 62.4 S.D. 8.036 TOTAL OBS 898	MEAN 57.4 S.D. 9.351 TOTAL OBS 927	MEAN 66.5 S.D. 9.690 TOTAL OBS 10948
21-23				MEAN 54.9 S.D. 9.989 TOTAL OBS 930	MEAN 52.9 S.D. 9.578 TOTAL OBS 846	MEAN 60.5 S.D. 8.100 TOTAL OBS 930	MEAN 63.5 S.D. 6.426 TOTAL OBS 900	MEAN 69.1 S.D. 3.997 TOTAL OBS 930	MEAN 73.1 S.D. 2.392 TOTAL OBS 900	MEAN 74.5 S.D. 2.306 TOTAL OBS 930	MEAN 74.5 S.D. 2.024 TOTAL OBS 930	MEAN 74.3 S.D. 1.978 TOTAL OBS 900	MEAN 67.9 S.D. 5.854 TOTAL OBS 929	MEAN 61.3 S.D. 8.601 TOTAL OBS 897	MEAN 56.0 S.D. 10.094 TOTAL OBS 927	MEAN 65.3 S.D. 10.237 TOTAL OBS 10949
ALL HOURS				MEAN 55.9 S.D. 10.265 TOTAL OBS 7440	MEAN 54.2 S.D. 9.489 TOTAL OBS 6768	MEAN 61.2 S.D. 7.996 TOTAL OBS 7432	MEAN 64.6 S.D. 6.196 TOTAL OBS 7199	MEAN 69.8 S.D. 4.290 TOTAL OBS 7439	MEAN 74.0 S.D. 2.916 TOTAL OBS 7200	MEAN 75.5 S.D. 2.873 TOTAL OBS 7440	MEAN 75.6 S.D. 2.647 TOTAL OBS 7440	MEAN 75.1 S.D. 2.588 TOTAL OBS 7200	MEAN 69.0 S.D. 5.671 TOTAL OBS 7435	MEAN 62.6 S.D. 8.379 TOTAL OBS 7195	MEAN 57.3 S.D. 9.662 TOTAL OBS 7434	MEAN 66.3 S.D. 10.155 TOTAL OBS 87622

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12-86 KENNEDY SPACE CENTER FL 68-70,73-80

STATION	STATION NAME	YEARS												
HRS. OBS.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70-02		MEAN 52.4	49.8	57.6	60.4	66.5	71.3	72.9	73.1	72.8	65.6	58.9	53.2	62.9
		S.D. 11.453	10.626	9.161	7.483	4.898	2.674	2.620	2.281	2.284	6.869	9.737	10.888	11.180
		TOTAL OBS 930	846	928	900	929	900	930	930	900	929	900	930	10952
71-05		MEAN 51.5	49.5	57.2	60.0	65.9	70.6	72.3	72.5	72.2	65.2	58.5	52.9	62.4
		S.D. 11.609	10.598	8.915	7.495	4.983	2.894	2.801	2.445	2.514	6.830	9.909	10.867	11.170
		TOTAL OBS 930	846	927	900	930	900	930	930	900	930	900	930	10953
8-08		MEAN 51.1	49.4	57.3	61.0	67.4	72.2	73.9	73.8	73.2	65.8	58.8	52.7	63.1
		S.D. 11.944	11.061	9.370	7.297	4.982	2.818	2.691	2.534	2.600	6.699	9.831	11.311	11.751
		TOTAL OBS 930	846	927	900	930	900	930	930	900	930	900	930	10953
9-11		MEAN 53.7	51.4	58.0	60.8	67.1	72.2	74.1	74.5	74.0	66.6	60.5	55.1	64.1
		S.D. 13.066	11.485	10.027	7.913	5.222	2.582	2.330	2.027	2.320	6.401	9.670	11.192	11.400
		TOTAL OBS 930	846	930	900	930	900	930	930	900	929	900	930	10955
12-14		MEAN 53.4	50.8	57.4	60.3	66.9	72.3	73.8	74.3	73.8	66.3	60.1	54.9	63.8
		S.D. 12.934	11.317	10.082	8.043	5.583	2.758	2.620	2.222	2.363	6.641	9.496	11.293	11.514
		TOTAL OBS 930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17		MEAN 53.6	50.9	57.9	60.5	67.2	72.3	74.0	74.2	73.7	66.4	60.2	55.1	63.9
		S.D. 12.489	10.987	9.881	7.854	5.321	2.909	2.505	2.175	2.170	6.418	9.553	11.303	11.338
		TOTAL OBS 930	846	930	900	930	900	930	930	900	930	900	930	10956
18-21		MEAN 53.5	51.6	58.4	61.2	67.2	72.1	73.8	73.8	73.3	65.9	59.7	54.7	63.8
		S.D. 11.633	10.446	9.493	7.411	5.252	2.678	2.319	2.093	2.180	6.394	9.494	10.797	10.969
		TOTAL OBS 930	846	930	899	930	900	930	930	900	928	898	927	10948
11-23		MEAN 52.6	50.2	58.2	60.8	67.0	71.7	73.2	73.4	73.0	65.5	59.0	53.7	63.3
		S.D. 11.509	10.838	9.421	7.578	4.999	2.603	2.359	2.163	2.199	6.759	9.836	11.213	11.222
		TOTAL OBS 930	846	930	900	930	900	930	930	900	929	897	927	10949
ALL HOURS		MEAN 52.7	50.5	57.7	60.6	66.9	71.8	73.5	73.7	73.3	65.9	59.5	54.0	63.4
		S.D. 12.126	10.948	9.557	7.643	5.175	2.799	2.600	2.333	2.396	6.641	9.712	11.146	11.333
		TOTAL OBS 7440	6768	7432	7199	7439	7200	7440	7440	7200	7435	7195	7434	87622

2

FEDERAL CLIMATOLOGY BRANCH
 WASH DC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1076 KENNEDY SPACE CENTER FL 67-70,73-75 ALL
 STATION STATION NAME PERIOD MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.8	99.3	94.6	86.2	72.1	54.1	37.0	71.3	744
FEB		100.0	100.0	99.0	97.0	91.4	81.0	65.7	48.0	24.5	76.3	678
MAR		100.0	100.0	99.6	97.2	91.7	81.0	65.1	47.7	22.7	76.1	743
APR		100.0	100.0	99.4	96.9	88.9	73.6	55.0	38.4	17.0	72.3	7199
MAY		100.0	100.0	99.9	99.1	96.1	84.5	65.2	44.1	16.4	76.3	7439
JUN		100.0	100.0	100.0	100.0	99.1	93.4	75.0	52.3	23.0	81.1	710
JUL		100.0	100.0	100.0	100.0	99.2	93.9	75.1	55.0	23.8	81.3	744
AUG		100.0	100.0	100.0	100.0	99.8	97.0	78.0	56.7	26.4	81.7	744
SEP		100.0	100.0	100.0	100.0	99.9	97.6	61.4	57.2	24.6	82.0	7200
OCT		100.0	100.0	100.0	99.5	96.6	83.3	63.3	40.8	15.5	75.6	7431
NOV		100.0	100.0	99.9	98.8	95.2	84.0	67.0	50.3	23.3	77.6	7195
DEC		100.0	100.0	99.6	98.2	95.0	85.1	68.7	52.4	28.2	73.5	7434
TOTALS		100.0	100.0	99.8	98.7	95.6	86.6	69.4	49.8	22.7	73.0	67322

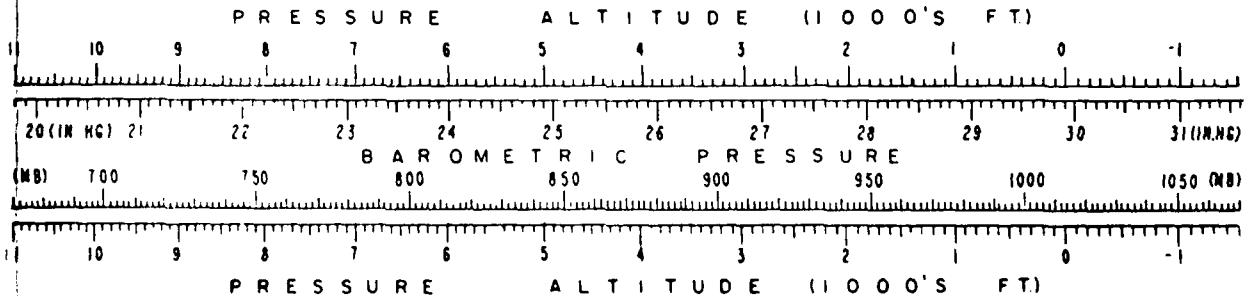
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
 Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
 METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12886 KENNEDY SPACE CENTER FL

68-70,73-80

STATION		YEARS												
STATION NAME		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN	1019.91	1019.51	1018.21	1017.91	1016.11	1016.71	1018.01	1017.71	1015.91	1016.51	1018.91	1019.7	1017.9
	S.D.	4.956	4.608	4.799	4.419	3.264	2.868	2.155	2.345	2.215	3.317	3.904	4.407	4.017
	TOTAL OBS.	310	282	309	300	310	300	310	310	300	310	300	310	3651
24	MEAN	1019.51	1018.81	1017.31	1017.31	1015.51	1015.91	1017.31	1016.91	1015.21	1015.91	1018.51	1019.3	1017.3
	S.D.	4.981	4.612	4.789	4.358	3.228	2.825	2.157	2.354	2.855	3.311	3.865	4.429	4.014
	TOTAL OBS.	310	282	309	300	310	300	310	310	300	310	300	310	3651
27	MEAN	1020.11	1019.71	1018.51	1018.51	1016.71	1017.01	1018.31	1017.91	1016.21	1016.91	1019.41	1019.9	1018.3
	S.D.	4.958	4.628	4.767	4.410	3.201	2.894	2.110	2.363	2.782	3.348	3.888	4.463	3.979
	TOTAL OBS.	310	282	309	300	310	300	310	310	300	310	300	310	3651
17	MEAN	1021.61	1021.01	1019.61	1019.41	1017.41	1017.71	1019.01	1018.81	1017.21	1017.91	1020.61	1021.4	1019.3
	S.D.	5.019	4.751	4.905	4.560	3.332	2.898	2.222	2.396	2.791	3.393	3.987	4.410	4.114
	TOTAL OBS.	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	1019.91	1019.81	1018.71	1018.61	1016.81	1017.21	1018.51	1018.21	1016.31	1016.71	1019.01	1019.6	1018.3
	S.D.	5.150	4.852	5.026	4.743	3.479	2.925	2.272	2.471	2.859	3.469	4.053	4.590	4.122
	TOTAL OBS.	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1019.01	1018.41	1017.21	1017.21	1015.51	1016.11	1017.41	1017.01	1015.01	1015.81	1018.21	1018.8	1017.1
	S.D.	5.179	4.967	5.144	4.767	3.526	2.931	2.312	2.373	2.948	3.485	4.134	4.655	4.186
	TOTAL OBS.	310	282	310	300	310	300	310	310	299	310	300	310	3651
19	MEAN	1019.71	1018.91	1017.61	1017.41	1015.71	1016.31	1017.51	1017.21	1015.41	1016.41	1018.91	1019.6	1017.5
	S.D.	5.032	4.779	5.037	4.682	3.397	2.883	2.258	2.317	3.050	3.410	4.025	4.563	4.150
	TOTAL OBS.	310	282	310	299	310	300	310	310	300	309	299	309	3648
22	MEAN	1020.41	1019.81	1018.61	1018.41	1016.71	1017.21	1018.41	1018.21	1016.41	1017.21	1019.61	1020.2	1018.4
	S.D.	4.965	4.653	4.829	4.498	3.289	2.809	2.151	2.316	3.604	3.340	3.952	4.457	4.052
	TOTAL OBS.	305	282	310	300	310	300	310	310	299	310	299	306	3641
ALL HOURS	MEAN	1020.01	1019.51	1018.21	1018.11	1016.31	1016.81	1018.11	1017.71	1016.01	1016.61	1019.11	1019.8	1018.0
	S.D.	5.074	4.783	4.967	4.610	3.402	2.935	2.274	2.448	3.096	3.442	4.030	4.546	4.133
	TOTAL OBS.	2475	2256	2477	2399	2480	2400	2480	2480	2398	2479	2398	2475	29197

END

DATE
FILMED

9 - 81

DTIC