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USAFETAC/DS- 81/030

DATA PROCESSING BRANCH  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

BUCKLEY ANGB CO  
N 39 42 W 104 45 FLD ELEV 5663 FT BKF WBAN #23036  
WMO #

AWS TECHNICAL LIBRARY  
FL 4414  
SCOTT AFB, IL 62225

PARTS A-F  
POR FROM HOURLY OBS: SEP 68 - DEC 70, JAN 73 - AUG 80  
POR FROM DAILY OBS: MAR 61 - AUG 80  
TIME CONVERSION GMT TO LST: -7

~~25 FEB 1981~~

FEB 18 1981

FEDERAL BUILDING  
ASHEVILLE, N. C.

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*Wayne E. McCollom*

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AMS Scientific and Technical  
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 SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1 REPORT NUMBER USAFETAC/DS-81/030	2 GOVT ACCESSION NO	3 RECIPIENT'S CATALOG NUMBER															
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Buckley ANGB, Aurora, Colorado		5 TYPE OF REPORT & PERIOD COVERED Final rept.															
		6 PERFORMING ORG REPORT NUMBER															
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11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12 REPORT DATE 18 Feb 81															
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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 Supersedes AD-A076084, RUSSWO for Buckley Field ANG, Report Date 09 Mar 72.																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*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)
*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 Buckley ANGB, Aurora Colorado 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 1473 JAN 73

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19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables  
\*Colorado                      \*\*Buckley ANGB, Colorado
  
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.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

DATA PROCESSING DIVISION  
UNAFETAC 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	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
23036	BUCKLEY ANGB, CO	N 39 42	W 104 45	5663	BKF	

### 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			STATION (FT)	BAROMETER	
1	Buckley Fld, Denver, Colorado	AAF	Mar 44	Dec 44	N 39 37	W 104 45	5560	N/A	24
2	Buckley Fld ANG, Denver, Colorado	ANG	Mar 61	Feb 62	N 39 42	W 104 45	5673	5657	24
3	No change	ANG	Mar 62	Feb 65	No chge	No chge	No chge	5653	No chge
4	No change	ANG	Mar 65	Oct 66	No chge	No chge	No chge	5633	No chge
5	No change	ANG	Nov 66	Dec 70	No chge	No chge	No chge	5641	No chge
6	Buckley ANGB, Aurora, Colorado	ANG	Jan 71	Nov 80	No chge	No Chge	5663	5570	No chge

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 44 to Dec 44	Not available	Anemometer	None	N/A	
2	Mar 61 to Feb 62	Located 100 ft NW of Buckley Tower	Selsyn	None	18 ft	
3	Mar 62 to Feb 63	Located 500 ft W of Rnwy 14/32, 500 ft S of Rnwy 07/25	ANGMQ-11	None	13 ft	
4	Mar 63 to Jun 64	Located 500 ft SW of junction of Rnwys 14/32-07/25	No chge	None	No chge	
5	Jul 64 to Feb 65	No change	No chge	RO-2	12 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	
6	Mar 65 to Feb 66	No change	No chge	No chge	18 ft	
7	Mar 66 to 25 Jul 67	No change	No chge	No chge	20 ft	
8	26 Jul 67 to Feb 68	1. Located S end Rnwy 32/14. 2. Located E end Rnwy 26/08.	AN/GMQ-11 AN/GMQ-11	RO-2	9 ft 12 ft	
9	Mar 68 to Dec 70	1. Located 960 ft from centerline, 500 ft from end of Rnwy 32. 2. Located 660 ft from centerline, 800 ft from end of Rnwy 26.	No chge No chge	No chge	No chge No chge	
10	15 Jun 74	1. Located 960 ft NE rnwy centerline, 500 ft from end of rnwy 32 2. Located 500 ft NE rnwy centerline, 560 ft from end of rnwy 14 3. Located 750 ft S of rnwy centerline, 1000 ft from end rnwy 26 4. Located 500 ft S of rnwy centerline, 1040 ft from end rnwy 08	AN/GMQ-20 Same Same Same	RO-362 Same Same Same	13 Ft Same Same Same	

U.S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

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 ".0" 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 column. 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.



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23036      BUCKLEY ANGB CO      69-70,73-80      JAN  
 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
JAN	00-02		.4	.2	10.9		11.4	4.8	.6	.5		5.9	930
	03-05		.3	.6	11.1		11.6	5.2	.6	.4		5.9	930
	06-08			.1	10.0		10.1	6.0	.6	.6	.1	7.3	930
	09-11				9.0		9.0	5.8	1.5	.9		7.6	930
	12-14				6.7		6.7	4.6	2.4	.9		6.9	930
	15-17				6.6		6.6	5.4	2.0	1.0	.2	7.3	930
	18-20			.1	10.8		10.9	5.9	.8	.8	.3	6.9	930
	21-23		.2	.3	10.2		10.8	5.5		.4		5.9	930
TOTALS			.1	.2	9.4		9.6	5.4	1.1	.7	.1	6.7	7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23.36  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70,73-80  
 YEARS

FEB  
 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
FEB	00-02		.5	.7	7.8		8.6	7.4	.2	.6		8.3	846
	03-05		.4	.9	9.9		10.6	9.9		.1		10.0	846
	06-08		.1	.9	8.4		9.0	11.3	.4	.2		11.9	846
	09-11			.4	7.4		7.7	8.9	1.8	.4		11.0	846
	12-14		.1		6.9		7.0	4.6	1.1	.4		5.9	846
	15-17		.5	.1	5.9		6.4	4.5	1.9	.6		6.6	846
	18-20			.6	5.7		6.0	5.7	.9	.7		7.2	846
	21-23			.4	9.0		9.3	6.3	.5	.5		7.2	846
TOTALS			.2	.5	7.6		8.1	7.3	.9	.4		8.5	6768

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

27036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70,73-80  
 YEARS

MAR  
 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.
MAR	00-02		.9		15.2		15.8	7.5	.2	.8		8.5	930
	03-05		.5	.3	12.6		13.0	8.4		.6		9.0	930
	06-08		.4	1.2	11.8		12.7	11.9	.2	1.1		13.1	930
	09-11		.3	.4	11.4		12.0	11.3	1.2	.9	.3	12.8	930
	12-14	.1	.8		10.0		10.8	8.2	1.5	1.1	.9	10.8	930
	15-17	.2	1.9		11.6	.1	13.2	6.9	2.0	1.5	1.0	10.9	930
	18-20		1.5		13.7		14.8	9.2	.6	.6	.1	10.5	930
	21-23		1.0		17.7		18.5	7.6	.2	.9		8.7	929
TOTALS		.0	.9	.2	13.0	.0	13.9	8.9	.7	.9	.3	10.5	7439

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23036      BUCKLEY ANGB CO      69-70,73-80      APR  
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
APR	00-02	.1	4.4		8.4		11.7	5.4		.6		5.7	900
	03-05		5.4		9.0		13.4	7.1		.4		7.3	900
	06-08		4.0		7.8		11.3	11.1	.1	.3		11.2	900
	09-11		3.2		7.2		10.3	9.2	.1	.4		9.3	900
	12-14	.7	4.4		5.0		9.2	5.8	.3	.1		6.1	900
	15-17	2.3	6.3		5.2		11.2	5.7	1.1	.2	.4	7.2	900
	18-20	1.0	6.6		5.4		11.3	5.3	.7	.3	.2	6.1	900
	21-23	.6	5.4	.1	6.3		10.8	5.4		.4		5.6	900
TOTALS		.6	5.0	.0	6.8		11.2	6.9	.3	.3	.1	7.3	7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23036      BUCKLEY ANGB CO      69-70,73-80      MAY  
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
MAY	00-02	.2	8.0		2.9		10.5	5.1				5.1	930
	03-05	.6	6.8		2.5		9.1	7.2	.1			7.2	930
	06-08	.3	7.1		2.2		8.9	9.0	.2			9.0	930
	09-11	.6	5.8		2.0		7.3	5.2	.1			5.3	930
	12-14	3.1	7.7		1.5	.1	8.8	3.3				3.3	930
	15-17	4.8	9.6		1.4		10.8	2.9				2.9	930
	18-20	2.0	8.3		2.0		10.3	3.2			.2	3.4	930
	21-23	1.2	8.4		2.5		10.9	3.2				3.2	930
TOTALS		1.6	7.7		2.1	.0	9.6	4.9	.1		.0	4.9	7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70,73-80  
 YEARS

JUN  
 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
JUN	00-02	.1	3.9		.1		3.9	1.7				1.7	900
	03-05	.2	4.3				4.3	2.9				2.9	900
	06-08	.2	5.0				5.0	4.2	.1			4.3	900
	09-11	.3	4.0				4.0	2.1				2.1	900
	12-14	2.6	4.9				4.9	2.0	.6			2.3	900
	15-17	7.7	7.7		.2		7.7	1.9				1.9	900
	18-20	5.0	6.3				6.3	2.1	.1			2.1	900
	21-23	1.8	4.4				4.4	1.0			.1	1.1	900
TOTALS		2.2	5.1		.0		5.1	2.2	.1		.0	2.3	7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23036      BUCKLEY ANGB CO      69-70,73-80      JUL  
 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
JUL	00-02	1.3	2.8				2.8	.2	.1			.3	930
	03-05	.4	1.4				1.4	1.8				1.8	930
	06-08	.1	1.4				1.4	3.8	.2			3.8	930
	09-11	.2	.3				.3	.1	.2			.3	930
	12-14	2.9	2.2			.2	2.4						930
	15-17	11.9	8.3				8.3		.2		.1	.3	930
	18-20	9.2	10.4				10.4	.2			.1	.3	930
	21-23	4.1	5.7				5.7						930
TOTALS		3.8	4.1			.0	4.1	.8	.1		.0	.9	7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23036      BUCKLEY ANGB CO      69-70,73-80      AUG  
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.
AUG	00-02	1.3	2.9				2.9	1.3	.5			1.8	929
	03-05	.4	2.0				2.0	1.9	.1			1.9	930
	06-08		2.8				2.8	4.8	.3			5.0	929
	09-11	.1	2.9				2.9	2.2	.1			2.3	930
	12-14	1.8	3.2				3.2	.8				.8	930
	15-17	10.3	8.5				8.5	.6			.1	.8	929
	18-20	5.7	6.7				6.7	.5	.2			.8	927
	21-23	1.6	2.6			.1	2.6	.2	.3		.1	.6	927
TOTALS		2.7	4.0			.0	4.0	1.5	.2		.0	1.8	7431



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23036      BUCKLEY ANGB CO      68-70,73-79      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	.1	4.1		1.1		5.0	1.0				1.6	900
	03-05	.2	5.1		1.4		6.1	2.4				2.4	900
	06-08	.1	5.6		.7		6.1	4.1	.1			4.1	900
	09-11		4.1		.1		4.2	2.2	.3			2.6	899
	12-14	1.2	3.0			.1	3.3	.3	.1			.4	899
	15-17	2.9	4.6				4.6	.3	.3			.7	900
	18-20	1.8	5.8				5.8	1.1	.3		.2	1.7	900
	21-23	.8	4.2		.2		4.4	.2				.2	899
TOTALS		.9	4.6		.4	.0	4.9	1.5	.1		.0	1.7	7197

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23036      BUCKLEY ANGB CO      68-70,73-79      OCT  
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.
OCT	00-02	.1	4.2	.1	4.0		8.0	3.8				3.8	930
	03-05		3.0		5.7		8.2	4.4	.2			4.5	930
	06-08		2.2		4.8		6.7	7.1	.2	.1		7.2	930
	09-11		2.2		4.6		6.3	6.8	.9	.3		7.1	930
	12-14		2.5		5.2		7.2	4.8	1.2	.3		5.9	930
	15-17	.1	3.0		4.9		7.5	6.2	.6	.3		6.8	930
	18-20	.3	2.7		4.3		6.7	4.9	.4		.1	5.2	930
	21-23	.3	4.3		4.5		8.5	4.6				4.6	930
TOTALS		.1	3.0	.0	4.8		7.4	5.3	.4	.1	.0	5.6	7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

68-70,73-79  
 YEARS

NOV  
 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
NOV	00-02		.6	.3	10.7		11.1	7.4	.1	.8		8.2	900
	03-05		.4	.3	8.6		8.9	8.6	.1	.8		9.3	900
	06-08		.7	1.0	8.9		10.0	9.0	.2	1.4		10.3	900
	09-11		.1	1.0	8.1		9.0	7.3	.9	1.8	.1	9.3	900
	12-14		.3	.4	5.0		5.6	5.1	1.1	1.6	.3	7.4	900
	15-17		.9	.7	5.8		7.0	5.1	1.2	1.6		7.2	900
	18-20	.2	.7	.9	9.7		10.7	6.6	.9	.9		7.8	900
	21-23		.6	.6	11.1		11.6	7.4	.7	.9		8.2	900
TOTALS		.0	.5	.7	8.5		9.2	7.1	.7	1.2	.1	8.5	7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

23036      BUCKLEY ANGB CO      68-70,73-79      DEC  
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.
DEC	00-02		.8	.1	8.3		9.0	4.1		.1		4.2	924
	03-05			.1	7.9		7.9	3.6		.3		3.7	924
	06-08		.3		8.9		9.1	5.9		.5		6.3	923
	09-11				8.4		8.4	6.5		.5		6.9	924
	12-14		.1		6.5		6.6	4.1	.2	.4		4.7	924
	15-17				7.4		7.4	4.8	.1	.3		5.2	923
	18-20		.1		7.8		7.8	4.0	.3	.5		4.6	921
	21-23		.8		7.3		7.7	4.1	.1			4.1	921
TOTALS			.3	.0	7.8		8.0	4.6	.1	.3		5.0	7384

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

23036      BUCKLEY ANGB CO      68-70,73-80      ALL  
 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
JAN	ALL		.1	.2	9.4		9.6	5.4	1.1	.7	.1	6.7	7440
FEB			.2	.5	7.6		8.1	7.3	.9	.4		8.5	6768
MAR		.0	.9	.2	13.0	.0	13.9	8.9	.7	.9	.3	10.5	7439
APR		.6	5.0	.0	6.8		11.2	6.9	.3	.3	.1	7.3	7200
MAY		1.6	7.7		2.1	.0	9.6	4.9	.1		.0	4.9	7440
JUN		2.2	5.1		.0		5.1	2.2	.1		.0	2.3	7200
JUL		3.8	4.1			.0	4.1	.8	.1		.0	.9	7440
AUG		2.7	4.3			.0	4.3	1.5	.2		.0	1.8	7431
SEP		.9	4.6		.4	.0	4.9	1.5	.1		.0	1.7	7197
OCT		.1	3.0	.0	4.8		7.4	5.3	.4	.1	.0	5.6	7440
NOV		.0	.5	.7	8.5		9.2	7.1	.7	1.2	.1	8.5	7200
DEC			.3	.0	7.8		8.0	4.6	.1	.3		5.0	7384
TOTALS		1.0	3.0	.1	5.0	.0	7.9	4.7	.4	.3	.1	5.3	87579

## 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.

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
**WEATHER CONDITIONS**  
 XXXXXXXXXXXXXXXXXXXX  
 ATMOSPHERIC PHENOMENA

23036      BUCKLEY ANGB CO      61-80      ALL  
 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		2.2	1.2	30.4		31.6	22.8	5.1	4.1		26.5	589
FEB		.4	4.5	1.7	30.0		31.3	25.1	5.6	3.4	.2	27.6	537
MAR		.8	8.7	1.3	36.9	.3	40.2	28.5	4.4	3.4	.3	30.6	620
APR		7.5	26.9	.2	25.0	1.2	39.7	24.0	2.2	2.2		25.2	599
MAY		22.6	45.8	.2	6.6	4.8	47.6	18.9	1.5			18.9	620
JUN		35.2	43.3		.3	3.7	43.3	11.8	1.8			12.2	600
JUL		44.2	50.3			3.1	50.3	7.6	1.6			7.7	620
AUG		33.1	44.8			2.3	44.8	10.6	1.5			10.8	620
SEP		14.0	33.7	.4	4.7	.7	34.6	16.3	1.1		.2	17.0	570
OCT		1.7	17.1	.7	10.2		22.1	14.3	2.2	.5		14.4	589
NOV		.4	7.7	2.6	25.1		26.7	23.2	4.2	2.1		24.7	570
DEC			3.6	1.0	27.9		29.4	21.6	3.7	2.4		23.1	558
TOTALS		13.3	24.0	.8	16.4	1.3	36.8	18.7	2.9	1.5	.1	19.9	7122

## 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 for the month.



- 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 0800LT  
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

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FEDERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE/4447

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

STATION 21030 WICKLEY ANSO CO STATION NAME 01-20 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-03	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	67.4	14.6	3.1	6.6	6.9	2.1	2.0	0.3						17.7	589	1.79	1.27	0.15
FEB	66.7	14.3	1.7	1.1	1.0	4.5	1.7	0.3						17.1	537	0.58	1.45	TRACE
MAR	73.5	14.1	1.4	2.2	2.0	6.9	3.0	1.1	0.2					25.0	619	1.77	2.52	0.41
APR	52.5	18.6	1.4	7.7	7.3	0.7	3.0	1.2	0.7	0.2				24.2	548	1.57	3.03	0.17
MAY	51.1	15.7	3.7	7.7	4.5	6.1	2.1	3.7	1.0	0.5				10.3	620	2.49	6.17	0.14
JUN	65.7	14.6	1.2	7.0	4.6	5.1	4.2	1.6	1.0	0.3				24.6	600	2.09	6.14	TRACE
JUL	47.0	21.4	4.6	4.6	4.7	5.2	4.0	2.1	1.3					31.0	620	1.99	6.73	0.19
AUG	53.0	17.4	1.4	5.4	5.3	4.5	4.0	1.4	1.4					20.6	619	1.18	6.42	0.25
SEP	64.6	13.3	1.4	5.5	1.0	4.9	3.0	2.4	0.2					22.1	570	1.42	4.22	0.11
OCT	77.1	8.0	0.9	3.6	2.6	2.9	2.5	0.7	0.1					13.3	548	0.87	4.35	0.08
NOV	72.0	11.7	1.5	4.4	3.0	1.3	2.9	0.7	0.2					10.1	570	0.77	2.23	0.10
DEC	70.7	13.3	2.7	5.3	3.6	2.4	0.7	0.3						14.4	586	0.58	1.73	0.01
ANNUAL	22.3	15.7	1.3	6.9	3.7	4.5	3.0	1.4	0.5	0.0				22.5	7116	1.96		

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES  
 PRECIPITATION**

(FROM DAILY OBSERVATIONS)

25036 BUCKLEY ANG CO 61-80  
 STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ALL MONTHS
61			.59	.34	1.80	.24	.55	.57	.81	.46	.35	.05	
62	.77	.49	.15	.60	.63	.95	.38	.25	.13	.07	.47	.08	.95
63	.44	.35	.44	.02	.24	1.47	.53	1.64	.75	.27	.51	.18	1.64
64	.17	.38	.34	1.15	2.52	.59	.40	.24	.71	.12	.38	.08	2.52
65	.57	.50	.33	.56	.64	2.62	2.06	1.45	.83	.49	.19	.17	2.62
66	.05	.35	.17*	.33	.17	.44	1.06	.43	.77	.18	.21	.75	1.06
67	.46	.09	.30	2.62	1.62	1.66	.79	.35	.70	.54	.38	.23	2.62
68	.32	.28	.34*	.76	.58	.56	.46	2.48	.30	.41	.15	.12	2.48
69	.38	.23	1.76	.45	2.65	.63	1.14	.45	.28	1.30	.36	.10	2.65
70	.07	TRACE	.34	.34	.17	3.69	1.90	.10	.62	.35	.40	.08	3.69
71	.44	.79	.80	.54	.34	.05	1.25	.39	.87	.15	.13	.33	1.25
72	.35	.24	.53	1.74	.35	1.00	.15	1.39	.77	.41	.66	.12	1.74
73	.33	.93*	.15	.53	5.79	.15	.52*	.61	1.62*	.36	.30*	.85	5.79
74	.47	.18	.21	.69	.18	2.47	.39	.11	.36	.71	.36	.03	2.47
75	.06	.10	.57	.39	1.35	.52	.75	2.05	.91	.17	1.02	.19	2.05
76	.11	.22	.33	.46	.46	.19	.39	.25	.43	.53	.21	.13	.53
77	.11	.10	.63	.79	.36	.23	1.33	.29	.07	.41	.37	.01	1.33
78	.16	.14	.19	.51	.88	.41	.39	.44	.01	.74	.27	.56	.88
79	.40	.21	.91	1.08	.60	1.11	.40	1.62	.24	.51	.87	.30	1.08
80	.50	.46	.33	1.07	.52	TRACE	.86	.87					
<b>MEAN</b>	.298	.255	.450	.786	1.013	.944	.788	.777	.573	.422	.399	.153	1.869
<b>SD</b>	.213	.200	.256	.605	.994	.986	.527	.702	.397	.289	.233	.176	.882
<b>TOTAL OBS</b>	584	537	619	508	620	600	620	619	570	588	570	586	7116

NOTE \* BASED ON LESS THAN FULL MONTH(S)

USAF ETAC FORM 0-88 5 (OLA)  
 JUL 84



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GLOBAL CLIMATOLOGY BRANCH  
NOAA/CI  
NWS WEATHER SERVICE / MDC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

23175 JACKLY AND CL 51-8  
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	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
FEB	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
MAR	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
APR	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
MAY	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
JUN	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
JUL	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
AUG	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
SEP	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
OCT	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
NOV	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
DEC	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
ANNUAL	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

SNOWFALL

(FROM DAILY OBSERVATIONS)

22036 WICKLEY ANG B CO

61-80

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
61			3.5	3.3	13.3	.0	.0	.0	4.5	4.5	3.5	.5	
62	7.7	2.7	1.5	5.0	.0	.0	.0	.0	1.3	.0	4.1	.5	7.7
63	4.5	.6	4.7	.1	.0	.0	.0	.0	.0	TRACE	4.5	2.5	4.5
64	1.0	4.4	4.0	11.9	1.5	.0	.0	.0	TRACE	.0	2.6	.9	11.9
65	5.7	7.0	4.0	.6	TRACE	.0	.0	.0	4.0	.0	1.9	1.5	7.0
66	1.0	5.1	1.7	4.7	2.0	.0	.0	.0	TRACE	4.5	2.0	1.0	5.1
67	4.0	1.0	5.1	.2	2.0	.0	.0	.0	.0	1.0	3.8	4.3	5.1
68	3.4	3.9	2.3	1.2	TRACE	.0	.0	.0	.0	.3	2.4	3.4	3.9
69	.9	3.2	6.3	TRACE	TRACE	.0	.0	.0	.0	13.5	3.4	1.0	13.5
70	.3	TRACE	3.4	1.3	TRACE	TRACE	.0	.0	.0	2.0	1.5	2.8	3.4
71	5.1	4.7	5.2	6.3	.8	.0	TRACE	.0	12.3	1.2	2.0	5.3	12.3
72	2.8	2.9	6.0	16.1	TRACE	.0	.0	.0	TRACE	3.4	7.7	4.5	16.1
73	5.0	.4	4.1	5.0	.5	.0	.0	.0	.0	3.3	2.7	10.1	10.1
74	4.7	2.1	2.3	6.9	.0	.2	.0	.0	2.0	.6	4.7	.7	6.9
75	.5	1.6	3.1	5.4	3.0	TRACE	.0	.0	.0	.3	7.0	3.4	7.0
76	1.4	3.5	4.5	.5	.0	.0	.0	.0	.0	5.8	3.1	.1	5.8
77	1.2	.5	6.3	2.1	.0	.0	.0	.0	.0	4.1	3.5	TRACE	6.3
78	3.0	1.9	2.5	4.0	5.5	.0	.0	.0	TRACE	1.6	5.4	10.3	10.3
79	6.0	2.6	4.1	10.8	4.3	.0	.0	.0	.0	3.2	13.2	3.0	13.2
80	5.5	6.5	5.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	3.45	3.71	4.34	4.80	1.65	.01	TRACE	.20	1.43	2.56	4.23	2.41	6.73
S.D.	2.262	2.262	1.969	4.397	3.170	.045	.100	.000	5.015	3.335	2.626	2.346	7.842
TOTAL OBS	589	537	619	594	620	600	620	619	570	528	570	525	7112

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX  
**EXTREME VALUES**  
XXXXXXXXXXXXXXXXXXXX  
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

27035 BUCKLEY ANSB CO  
STATION STATION NAME

61-91  
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ALL MONTHS
61			11.5	7.2	15.3	.0	.0	.0	6.5	4.6	7.4	1.4	
62	12.3	4.7	5.2	7.4	.0	.0	.0	.0	1.5	.0	5.5	1.2	37.8
63	5.5	1.5	14.0	.1	.1	.0	.0	.0	.0	TRACE	4.5	5.5	34.1
64	5.0	15.6	13.2	14.0	1.5	.0	.0	.0	TRACE	.3	4.8	3.0	98.1
65	11.9	15.7	18.3	.6	TRACE	.0	.0	.0	6.5	.0	1.9	4.2	60.1
66	5.9	15.9	4.7	7.1	2.0	.0	.0	.0	TRACE	6.1	2.4	2.3	40.2
67	9.3	3.2	6.5*	.3	2.0	.0	.0	.0	.7	1.0	6.3	11.9	* 40.8
68	5.4	6.7	7.3*	1.3	TRACE	.0	.0	.0	.0	.3	7.2	2.0	* 31.2
69	1.9	5.0	12.2	TRACE	TRACE	.0	.0	.0	.0	39.2	5.3	3.2	66.3
70	.3	TRACE	17.7	2.2	TRACE	TRACE	.0	.0	.0	3.0	2.0	.8	32.5
71	6.4	10.1	6.4	7.7	.8	.0	TRACE	.0	18.7	1.7	2.0	11.3	65.1
72	5.6	6.0	10.9	17.1	TRACE	.0	.0	.0	TRACE	4.2	21.7	3.9	74.5
73	9.8	.6*	11.7	14.7	.7	.0	.0*	.0	.*	3.6	5.6*	19.7	* 66.4
74	8.3	6.9	11.6	14.6	.0	.2	.0	.0	2.0	.6	10.6	2.3	57.1
75	.7	4.5	6.9	12.1	4.0	TRACE	.0	.0	.0	.4	15.2	5.6	50.4
76	3.0	4.3	12.2	.5	.0	.0	.0	.0	.0	9.7	3.7	.1	34.0
77	1.0	1.3	11.0	4.1	.0	.0	.0	.0	.0	4.1	7.2	TRACE	29.2
78	8.9	5.0	4.5	4.0	11.5	.0	.0	.0	TRACE	2.5	8.2	21.2	65.8
79	14.2	6.7	26.4	14.7	10.4	.0	.0	.0	.0	4.2	25.6	12.3	114.7
80	15.4	13.3	15.6	10.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	6.57	6.43	11.40	7.73	2.49	.01	TRACE	.00	2.01	4.4*	7.98	5.62	54.66
SD	4.573	4.869	5.566	5.835	4.523	.045	.000	.000	4.550	9.059	6.358	5.39	22.224
TOTAL OBS.	587	537	619	594	629	600	620	619	570	588	570	586	7112

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH  
 ES&FETAC  
 AIR WEATHER SERVICE/TAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

2136 - JAGLES - NOR CO STATION NAME 51-67 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	.02-03	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	44.0	17.5	0.5	1.7	4.4	7.3	7.4							5.0	538			
FEB	55.0	10.1	12.5	6.7	5.0	3.7	1.7							2.0	527			
MAR	61.0	11.2	0.4	0.1	0.7	5.6	1.0							2.1	870			
APR	87.0	5.0	2.2	2.5	1.8	2.0	0.7	0.2						1.0	670			
MAY	97.0	1.0	0.0	0.3		0.6								1.0	600			
JUN	100.0														0			
JUL	100.0														0			
AUG	100.0														0			
SEP	78.0	0.0	0.7		0.0	0.4		0.0						1.0	57			
OCT	11.7	0.0	2.2	0.7	1.2	1.2	0.0	0.0						2.0	509			
NOV	67.0	0.7	0.7	1.2	3.2	4.7	1.1	0.8						2.0	570			
DEC	15.0	1.0	0.7	0.5	1.0	4.0	1.2	0.3						2.0	507			
ANNUAL	70.7	0.0	4.0	0.4	7.0	0.8	0.2	0.1						1.0	712			



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

27034 BUCKLEY ANG, CO  
STATION STATION NAME

61-83

YEARS

### DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
61			7	3	4	0	0	0	0	0	5	2	
62		5	3	5	0	0	0	0	TRACE	0	3	1	9
63	3	1	7	3	0	0	0	0	0	0	4	3	7
64		5	5	9	0	0	0	0	0	0	2	1	9
65	3	12	6	3	7	0	0	0	0	0	2	3	12
66	2	8	2	4	2	0	0	0	0	0	5	3	8
67	4	2	3	4	1	0	0	0	0	0	1	4	5
68		4	3	2	0	0	0	0	0	0	2	3	4
69	1	2	7	0	0	0	0	0	0	0	13	4	13
70	1	TRACE	4	5	0	0	0	0	0	0	5	1	5
71	6	7	9	1	TRACE	0	0	0	0	16	3	2	16
72	4	4	7	13	TRACE	0	0	0	0	3	3	14	14
73	2	1	5	7	1	0	0	0	0	0	7	3	13
74	7	3	4	5	0	0	0	0	0	1	TRACE	4	7
75	1	2	4	9	1	0	0	0	0	0	1	7	9
76	3	3	6	1	0	0	0	0	0	0	5	4	6
77	1	2	5	3	0	0	0	0	0	0	4	4	8
78	5	2	3	2	6	0	0	0	0	0	1	0	10
79	5	4	4	0	4	0	0	0	0	0	1	12	18
80	7	9	7	5	0	0	0	0	0				
MEAN	4.3	4.0	5.2	4.2	1.0	.0	.0	.0	1.1	2.3	5.0	4.1	9.4
SD	2.433	3.691	1.903	3.427	1.731	.000	.000	.000	1.680	3.106	4.137	2.895	3.985
TOTAL OBS.	584	537	620	600	620	600	620	620	570	589	570	597	7122

NOTE \* (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

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 terms 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 MONTH 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 VVBL.

- 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.

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

27.36 BUCKLEY ANG S CO 56-60 YEARS  
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
65								36E	51N	53E	43WN	24SSW	79	
67		SSW 36	41SSW	53WN	48E	39S	40NE	44N	29WN	39WN	34NE	28W	39	SSW 53
68		W 27	79W	33SSW	43E	40	SSW 59	44/ 37	2/ 33	29/ 40	31/ 34	30/ 33	28/ 47	SSW 59
69		26/ 44	28/ 36	32/ 41	17/ 42	19/ 44	1/ 45	29/ 42	29/ 37	32/ 42	26/ 35	29/ 35	26/ 78	1/ 45
70		24/ 33	24/ 32	3/ 37	36/ 42	5/ 38	31/ 43	6/ 46	30/ 41	27/ 43	26/ 33	1/ 44	31/ 75	0/ 44
71		24/ 33	35/ 40	2/ 39	15/ 41	16/ 44	32/ 48	35/ 50	13/ 31	35/ 36	22/ 49	17/ 47	18/ 42	35/ 59
72		24/ 37	3/ 39	31/ 45	36/ 48	19/ 50	22/ 51	21/ 39	20/ 42	18/ 37	22/ 32	27/ 46	23/ 35	26/ 52
73		36/ 37	6/ 26	31/ 43	31/ 36	35/ 48	21/ 38	29/ 42	33/ 47	22/ 37	3/ 41	30/ 35	30/ 38	37/ 58
74		30/ 32	3/ 36	24/ 44	21/ 45	16/ 47	32/ 55	15/ 49	7/ 45	33/ 45	25/ 28	3/ 35	1/ 36	37/ 55
75		33/ 54	35/ 37	23/ 51	17/ 41	24/ 45	15/ 50	35/ 44	26/ 40	36/ 31	35/ 46	30/ 38	32/ 44	33/ 54
76		36/ 46	15/ 40	1/ 47	16/ 53	36/ 44	19/ 48	22/ 40	27/ 43	33/ 45	16/ 34	1/ 40	31/ 49	16/ 53
77		28/ 35	29/ 47	34/ 69	16/ 52	18/ 46	17/ 44	20/ 48	31/ 51	30/ 54	19/ 53	27/ 51	28/ 47	34/ 69
78		47	32	1/ 43	29/ 36	15/ 55	15/ 65	28/ 45	13/ 40	14/ 61	21/ 42	1/ 35	32/ 37	36/ 39
79		33/ 34	31/ 33	10/ 37	3/ 41	20/ 40	6/ 41	5/ 51	24/ 47	26/ 39	2/ 42	36/ 40	24/ 40	1/ 50
80		14/ 44	25/ 25	36/ 40	31/ 48	17/ 49	26/ 34	10/ 43	18/ 50					
MEAN		38.7	40.5	43.9	44.8	45.6	46.2	43.1	43.2	41.3	38.6	38.1	37.5	53.7
SD		6.06	6.31	7.19	5.96	6.72	6.74	6.55	8.56	6.37	7.42	7.37	4.80	7.91
TOTAL OBS.		432	392	431	414	431	419	457	462	418	431	419	430	5128

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 088-5 (OLA) (BASED ON LESS THAN FULL MONTHS AND +10, KNOTS)

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

23135 BUCKLEY ANGB CO 69-70,73-80 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 0000-0200  
CLASS 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	1.5	1.3	.6	.8	.3							4.3	7.1
NNE	.7	.2	.5	.5								1.5	8.4
NE	.5	1.1	.1	.2	.1							2.2	5.6
ENE	.3	.4	.4									1.2	4.7
E	.0	.5	.3									1.6	4.7
ESE	.2	1.9	.5	.2	.1							3.5	5.5
SE	1.3	2.7	2.5	.1								6.6	6.0
SSE	.9	2.2	1.2	.3								4.4	5.9
S	3.4	11.3	11.6	6.1	.4	.1						33.0	7.7
SSW	1.1	5.2	4.7	1.3								11.5	6.8
SW	.9	1.4	1.1	.3								3.7	5.9
WSW	.6	.9	.9	.2	.1							2.7	6.9
W	1.2	1.6	.6	.3								3.8	5.2
WNW	.9	.3	.6	.4								2.2	6.6
NW	.6	.9	.4	.2								2.2	6.2
NNW	.4	.6	.5									1.6	5.1
VARBL													
CALM												14.2	
	15.1	32.5	26.0	11.1	1.1	.1						100.0	5.8

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)

23.36 BUCKLEY ANGR CO 69-70, 73-80 JAN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 0300-0500  
CLASS 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	1.6	1.2	.5	.2	.1						4.7	7.3
NNE	.5	.6	.1	.4								1.7	6.9
NE	.4	.3	.4	.1								1.3	6.2
ENE	.2	.8	.1	.1								1.2	5.2
E	.2	1.1	.1	.1								1.4	5.3
ESE	.4	.6	.4	.2								1.7	6.1
SE	1.4	1.6	1.0	.6								4.6	5.8
SSE	1.1	2.7	.5	.4	.2							4.9	6.2
S	3.2	13.3	10.4	5.9	.3	.1						33.3	7.6
SSW	1.7	5.2	6.0	1.8								14.7	7.1
SW	1.2	2.6	1.1	.5								5.4	5.7
WSW	.6	1.2	.8	.1								2.7	5.8
W	1.4	1.4	1.1	.3	.1							4.3	5.2
WNW	.2	.8	.4	.2	.1							1.7	7.1
NW	.5	.5	.2	.1	.3							1.7	7.9
NNW	.3	.9	.1	.1								1.4	5.6
VARBL													
CALM												13.1	
	14.6	35.1	24.0	11.7	1.3	.2						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 22030 BUCKLEY ANGB CO STATION NAME 69-70,73-PH YEARS JAN MONTH  
 CLASS ALL WEATHER 3600-0800 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	.4	1.6	.2		.3						2.6	9.2
NNE	.2	.2	.4	.4								1.3	8.8
NE	.3	.3	.4	.4	.1							1.6	6.3
ENE	.6	.4	.5		.3	.1						2.0	7.5
E	1.5	1.1	.3	.2								3.1	4.7
ESE	.5	1.1	.2	.3								2.2	5.6
SE	.8	1.7	.9	.1								3.4	5.5
SSE	.8	2.6	.9	.3	.1							4.6	6.2
S	3.1	13.5	12.6	5.2	.5							36.0	7.5
SSW	1.3	5.7	6.2	1.3								14.5	7.0
SW	.6	2.8	1.4	.6	.3							5.8	7.0
WSW	1.2	2.3	.5	.1								4.1	4.8
W	.6	1.3	.6	.5								3.1	6.7
WNW	.2	.6	.4	.2								1.5	6.9
NW	.3	.1	.3									.8	5.1
NNW	.6	.5	.2	.1								1.5	4.6
VARBL													
CALM												11.9	
	13.4	34.7	27.0	11.2	1.4	.4						120.0	6.1

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 23030 BUCKLEY ANGB CO STATION NAME 62-70.71-20 YEARS MONTH JAN  
 CLASS ALL WEATHER 1900-1100  
 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	1.0	.9	1.0	.5	.1						4.9	8.6
NNE	.1	1.2	.5	.3	.2							2.4	8.1
NE	.6	1.1	.4	.2								2.4	8.2
ENE	.1	.5	.6	.5								1.8	8.8
E	.4	1.1	.8	.5	.1							2.8	7.1
ESE	1.2	1.5	1.4									4.1	5.1
SE	.2	1.4	.9	.3								3.0	6.2
SSE	.9	2.3	.9	.1								4.1	5.1
S	1.7	5.9	7.4	7.2	.5	.1						22.9	8.7
SSW	1.7	4.1	6.2	2.9	.3	.1						15.4	7.9
SW	1.5	3.1	2.6	.2	.1							7.5	5.8
WSW	1.1	1.5	1.3	.4	.1							4.5	6.6
W	1.2	1.4	1.5	1.1	.2							5.2	7.8
WNW	.5	.6	.3	.3	.3	.1						2.6	8.1
NW	.9	1.2	.3	.6	.2							3.2	7.2
NNW	.5	.2	.8	.6	.2							3.2	7.9
VARBL													
CALM												15.0	
	14.1	29.5	46.7	16.5	2.9	.4						100.0	6.7

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 27035 BUCKLEY ANG CO STATION NAME 69-70,73-50 YEARS JAN  
 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	48-53	≥56	%	MEAN WIND SPEED
N	.3	3.7	2.7	2.8	.7							11.6	7.5
NNE	1.5	1.1	1.1	.4	.1							4.2	6.4
NE	1.1	2.7	.6	.3								4.1	5.6
ENE	.5	1.3	1.3	.5	.1							3.8	7.4
E	1.3	2.2	1.1	.6								5.2	6.3
ESE	.8	1.8	1.7	.3	.1							4.7	6.7
SE	1.1	1.1	.9	.3	.1							3.4	5.9
SSE	.9	1.4	.6	.3	.3							3.5	6.9
S	2.5	4.4	4.4	2.9	.1	.2						14.5	7.5
SSW	1.7	1.9	1.8	1.5								7.6	7.0
SW	1.6	2.0	.9	.4	.1							5.4	6.2
WSW	.4	.6	.6	.1	.4							2.3	8.8
W	1.1	1.6	1.3	1.7	.4	.1						6.2	8.8
WNW	.8	.3	1.1	2.9	1.0	.4						6.5	12.6
NW	.6	.8	.9	1.1	.5	.1						4.0	7.9
NNW	1.8	1.7	.8	.9	.2							5.4	6.3
VARBL													
CALM												9.2	
	10.2	28.7	21.7	17.2	3.8	.9						100.0	6.9

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)

23030 STATION WICKLEY ANGB CO STATION NAME 69-70,73-80 YEARS JAN MONTH 1500-1700 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	3.2	3.7	3.4	2.0	.1	.2						12.0	7.0
NNE	.9	1.0	.6	.9								3.2	7.0
NE	.9	2.7	.6	1.1								5.3	6.6
ENE	.9	1.7	1.1	.9								4.5	7.0
E	1.2	2.5	2.9	1.0								7.5	6.9
ESE	1.2	1.6	1.9	.5								5.3	6.3
SE	1.5	2.5	1.7	.6								6.3	5.9
SSE	.6	1.2	1.8			.1						3.8	6.6
S	1.6	3.7	1.8	2.2	.2	.1	.1					9.7	7.7
SSW	.9	1.0	.6	.5	.1							3.8	6.7
SW	.3	.9	.5	.4	.1	.1						2.4	6.6
WSW	.4	.1	.4	.3								2.0	6.1
W	1.3	1.2	1.6	1.7	.3							4.8	8.2
WNW	.4	1.2	1.7	1.7	.3							5.4	9.9
NW	1.2	1.5	1.3	1.4	.5	.1						6.0	8.7
NNW	1.7	2.3	1.5	.3		.1						5.9	5.8
VARBL													
CALM												12.0	
	13.1	24.7	23.8	14.8	1.7	.8	.1					100.0	6.3

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 23.33 DUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS JAN MONTH  
 CLASS ALL WEATHER 1300-2000  
 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	1.1	1.2	1.5	1.7	.4	.1	.2	.1				6.3	9.3
NNE	.3	1.3	.8	.9	.2							3.4	8.3
NE	.9	1.3	.8	.5								3.3	6.1
ENE	1.2	1.3	1.6	.1								4.2	5.7
E	1.7	1.5	1.4	.2								4.9	5.2
ESE	1.3	2.5	1.3	.4								5.5	6.1
SE	1.2	2.5	3.0	1.3								9.0	6.9
SSE	1.4	2.6	1.7	.6								5.3	6.3
S	1.8	8.6	6.3	2.9								19.7	7.1
SSW	1.4	2.4	1.4	.1	.1	.1	.1					5.6	6.5
SW	1.4	1.1	.9	.4								3.8	5.6
WSW	.4	.2	.5	.1								1.6	6.1
W	.9	1.7	1.3	.9		.1						4.5	7.3
WNW	.5	1.1	.4	.8								2.8	7.3
NW	1.0	.9	1.1	.8								3.7	7.1
NNW	.4	1.4	.1	.1								2.0	5.2
VARBL													
CALM												12.9	
	16.9	33.7	24.1	11.1	.3	.3	.7	.1				100.0	5.9

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)

27136 STATION LUCKLEY ANGR CO STATION NAME 69-73,73-00 YEARS JAN MONTH 2100-2300 HOUR (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	.2	1.2	1.2	.9	.1							4.1	8.0
NNE	.3	1.1	.8	.3	.1							2.5	7.6
NE	.2	.4	.9									1.5	6.2
ENE	.4	.4	.3	.3								1.8	5.9
E	.9	.2	.9	.1								2.5	5.6
ESE	.2	1.8	1.1	.6	.2							4.5	7.4
SE	.5	3.0	1.8	.9								5.2	6.8
SSE	.3	2.9	1.7	.5								3.9	6.1
S	2.8	8.7	11.9	4.8	.3							24.6	7.7
SSW	2.0	4.1	3.5	.9								13.5	6.4
SW	1.0	1.7	.8	.4								3.9	5.9
WSW	1.4	1.2	.5	.3								4.1	5.2
W	1.1	2.1	.9	.8								4.7	6.0
WNW	.4	.9	.4	.6								2.4	7.5
NW	.5	.1	.2	.1	.1							1.1	6.2
NNW	.9	1.1	.2	.3								2.4	5.6
VARBL													
CALM												13.3	
	15.1	31.7	27.1	11.9	.9							103.0	9.2

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)

23635 STATION MUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS JAN 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	1.4	1.6	1.1	.2	.1	.2	.0				6.3	7.8
NNE	.5	.2	.0	.5	.1							2.5	7.5
NE	.6	1.1	.5	.4	.0							2.7	6.1
ENE	.6	.9	.8	.3	.1	.2						2.6	6.7
E	1.0	1.3	1.0	.3	.0							3.6	6.0
ESE	.2	1.5	1.1	.3	.1							3.9	6.2
SE	1.3	2.2	1.6	.5	.2							5.3	6.2
SSE	.9	2.2	1.2	.3	.1	.0						4.7	6.1
S	2.5	9.7	8.3	4.8	.3	.1	.6					24.7	7.7
SSW	1.5	3.9	3.7	1.3	.1	.0	.0					10.4	7.0
SW	1.0	1.9	1.1	.4	.1	.0						4.0	6.2
WSW	.5	1.2	.7	.2	.1							3.0	6.1
W	1.0	1.5	1.1	.8	.1	.0						4.0	7.1
WNW	.5	.7	.7	.9	.2	.1						3.1	9.2
NW	.7	.7	.6	.5	.2	.0						2.8	7.9
NNW	.9	1.2	.5	.3	.1	.2						2.9	6.0
VARBL													
CALM												12.1	
	15.3	31.7	25.0	17.2	1.7	.4	.1	.0				100.0	6.2

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)

STATION 21036 BUCKLEY ANGR CO STATION NAME 69-70,73-80 YEARS FEB MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 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	.4	1.2	.7		.2						3.0	6.9
NNE	.5	1.1	.2	.6								2.4	6.4
NE	.5	.8	.4	.1								1.8	5.2
ENE	.7	.8	.1	.1								1.8	4.5
E	.6	.7	.4	.2								1.9	5.9
ESE	.7	.7	.6	.1								2.1	5.8
SE	.9	1.3	.6	.8								3.7	6.3
SSE	1.4	1.8	.8	.2								4.3	5.1
S	1.7	16.1	12.3	4.3	.4							34.6	7.3
SSW	1.3	5.3	4.7	1.4								13.7	6.6
SW	2.0	2.8	.6	.4	.2							6.3	5.4
WSW	1.7	1.2	.6	.1		.1						3.7	5.3
W	.8	1.4	.4	.1								2.7	4.9
WNW	.4	.2	.5	.6	.1							1.8	5.1
NW	.2	1.4	.7	.1	.1							2.6	6.8
NNW	.4	1.4	.3	.5								3.1	6.4
VARBL													
CALM												11.0	
	14.2	35.4	24.8	12.4	.8	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23 35 STATION BUCKLEY ANGB CO 69-70, 73-80 YEARS FEB MONTH  
0300-0500 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	1.4	1.4	.0	.4	.4							4.4	6.4
NNE	.4	.8	.2	.1		.1						1.7	6.5
NE	.7	.9	.1									1.9	3.6
ENE	.2	.7	.2	.1								1.3	5.4
E	.1	1.3		.1								1.5	5.2
ESE	.5	.7										1.2	4.0
SE	.3	1.2	.7	.1								2.8	5.0
SSE	.7	1.5	.8	.4								3.4	6.2
S	3.2	15.2	15.5	4.3	.4							39.1	7.2
SSW	1.2	4.2	4.5	1.2	.1							11.8	6.9
SW	1.9	2.6	.8	.4								5.7	4.9
WSW	1.4	1.1	.4									2.8	4.2
W	.7	2.1	.8	.2	.2							4.1	6.5
WNW	.7	.9	.4	.6	.1							2.7	7.3
NW	.2	.0	.6	.2		.1						1.8	8.1
NNW	.4	.1	.4	.2								1.1	6.8
VARBL													
CALM												12.6	
	14.8	36.6	26.2	8.3	1.2	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 2303n BUCKLEY ANGB CO STATION NAME 69-70, 73-80 YEARS FEB MONTH  
 CLASS ALL WEATHER 3600-0600 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	.4	.1	.5								1.7	6.9
NNE	.7	.5	.7	.2	.1							2.0	5.9
NE	.6	.4	.2	.2								1.4	5.7
ENE	.7	.5	.6									1.8	5.1
E	.5	1.1	.1	.5								2.1	6.3
ESE	.4	.8	.2	.1								1.5	5.2
SE	.5	1.4	.8	.1								2.8	5.9
SSE	.7	1.8	.9	.2								3.2	5.6
S	3.2	13.7	13.9	5.4		.7						35.8	7.3
SSW	2.8	4.5	6.6	1.7								15.6	6.8
SW	1.1	1.5	1.4	.2								4.5	5.7
WSW	1.2	1.9	.5	.2								3.8	5.0
W	1.5	1.1	1.3	.5	.2							4.6	6.7
WNW	.6	1.7	.2	.6	.2	.1						3.6	8.4
NW	.5	.5	.5		.4							1.8	8.1
NNW	.5	.7	.5	.1	.1							1.9	6.3
VARBL													
CALM												11.8	
	10.5	31.3	28.3	11.6	1.1	.4						170.0	5.9

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2736 STATION BUCKLEY ANGB CO STATION NAME 69-73, 73-80 YEARS FEB MONTH  
0900-1100 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	48-53	≥54	%	MEAN WIND SPEED
N	1.1	1.4	1.5	.4	.5							3.2	7.1
NNE	.4	1.7	.5	.1	.1							2.8	6.6
NE	.9	1.1	.1	.4	.1							3.0	6.3
ENE	.5	1.5	1.4	.2								3.7	6.3
E	.7	1.2	1.1	.5								3.7	6.5
ESE	.8	.5	.8	.7								2.3	7.5
SE	.5	1.7	.8	.7								3.7	6.8
SSE	.4	1.3	.6	.4								2.6	6.6
S	1.9	5.3	8.9	5.0	.2	.1						21.4	8.3
SSW	1.7	4.7	5.9	1.5	.1	.1						13.4	7.4
SW	1.1	3.3	2.6	.9	.2							6.2	7.1
WSW	.5	1.7	1.7	.2	.2							4.3	7.1
W	1.9	2.4	1.8	.9	.6							7.6	7.3
WNW	.7	.7	.4	.8	.7	.1						3.4	10.3
NW	.5	.9	.9	.9	.5							3.9	9.3
NNW	.4	.5	1.1	.6		.4						3.0	9.6
VARBL													
CALM												7.6	
	13.9	29.6	30.6	14.3	3.3	.7						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 846



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/4AC

# SURFACE WINDS

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

STATION 2335 BUCKLEY ANGR CO STATION NAME 69-70, 73-80 YEARS FEB 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	2.2	4.3	3.9	1.9	.6	.2		.1				13.6	8.0
NNE	1.7	2.5	1.2	.6	.1	.1						5.8	6.6
NE	1.1	2.4	2.4	.6								6.6	5.4
ENE	1.8	2.6	2.1	.9								7.4	6.2
E	1.4	2.1	2.6	1.2								8.0	6.6
ESE	.6	2.7	2.5	.8								5.9	7.4
SE	1.2	2.1	1.7	.9								5.9	6.8
SSE	.4	.7	.9	.8	.1	.1						3.3	8.8
S	1.4	2.2	1.7	2.1	.2							7.7	8.0
SSW	.5	1.2	.7	.2								2.6	6.3
SW	.1	1.3	.6	.5	.1	.1						3.2	7.8
WSW	.5	1.2	.7	.6	.1	.1						3.2	8.1
W	.8	.5	1.2	.8	.4	.1						3.8	9.1
WNW	.5	.9	1.5	1.4	.9	.2						5.4	11.5
NW	.2	1.5	1.5	1.4	.8	.5						5.0	11.2
NNW	.6	2.1	1.5	.8								5.3	7.1
VARBL													
CALM												6.1	
	14.5	31.8	26.7	15.7	3.4	1.5		.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23.36 STATION BUCKLEY ANG& CO 69-70, 71-80 YEARS MONTH FEB  
 CLASS ALL WEATHER MONTH 1900-1700  
 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	7.1	2.7	2.6	1.3	.7	.2						10.6	7.4
NNE	.9	1.5	1.7	1.1	.1							5.3	7.6
NE	1.3	2.4	3.3	.7								7.7	6.8
ENE	1.8	2.6	2.7	.7								5.0	6.3
E	1.9	3.7	3.7	1.7								10.9	7.0
ESE	1.8	2.2	2.8	.9								7.8	6.5
SE	1.4	1.8	3.0	.9	.2							7.3	7.5
SSE		.4	1.3	.6	.7							2.5	10.0
S	.5	1.1	1.1	.5		.2	.1					3.4	9.2
SSW	.6	.7	.2	.5	.1							2.1	7.2
SW	.1	.4	.6	.2	.2	.1						1.7	10.6
WSW	.2	.2	.6	.1	.2	.1						1.5	9.9
W	.6	.9	1.2	1.5	.6							4.8	10.0
WNW	.5	.4	.8	2.1	.3	.2	.1					5.1	12.4
NW	.2	2.2	3.2	1.1	.9	.1						7.8	9.2
NNW	1.5	2.2	2.5	1.5	.1							7.9	7.4
VARBL													
CALM												5.4	
	16.5	25.7	31.2	15.5	4.4	1.1	.2					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/LMAC

# SURFACE WINDS

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

STATION 2035 WICKLEY ANG CO STATION NAME 60-70.73-80 YEARS FEB  
 CLASS ALL WEATHER MONTH 1800-2000  
 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	1.7	.7	1.1	.2	.1						3.2	7.4
NNE	.5	1.4	.4	.5								2.8	6.0
NE	.7	1.4	.8	.5	.2							3.7	7.3
ENE	1.3	1.7	1.2	.6								4.7	5.9
E	1.5	3.1	1.5	.4								6.6	5.5
ESE	.7	3.3	1.9	.5								6.4	6.3
SE	1.1	4.5	3.8	1.7								11.0	6.9
SSE	1.2	2.8	1.8	.5	.1							6.4	6.2
S	1.7	7.7	3.7	2.6	.2							15.8	7.0
SSW	.9	1.8	.6	.2	.1							3.3	5.9
SW	.2	1.7	.7	.1								2.7	5.6
WSW	1.2	.7	.4									2.2	4.4
W	1.1	2.4	.4	.5								4.3	5.2
WNW	.7	1.7	1.3	.7	.2							4.6	7.4
NW	1.5	1.9	2.9	.8								6.3	6.6
NNW	1.1	1.3	.8	.2								3.4	5.5
VARBL													
CALM												10.5	
	16.9	38.8	21.9	12.8	1.2	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23.36  
STATION

LUCKLEY ANGB CO  
STATION NAME

69-70, 73-80  
YEARS

FEB  
MONTH  
 2100-2300  
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	.5	.9	1.3	.5	.1							3.7	7.3
NNE	.7	.2	.3									1.3	5.5
NE	.6	1.1	.7	.2								2.6	5.8
ENE	.5	.5	.2	.2								1.5	6.5
E	.1	1.5	.3	.2								2.7	6.4
ESE	1.4	1.3	.8	.2								3.8	5.1
SE	1.3	2.5	1.7	.2								6.5	5.5
SSE	1.2	3.4	2.8	.5	.1							8.0	6.5
S	3.7	14.3	11.0	4.4	.4							33.7	7.1
SSW	.6	3.2	3.1	.9								3.6	6.8
SW	.7	2.8	.5									4.0	4.8
WSW	.5	1.4	.4	.1								2.4	5.2
W	.7	1.2	.5	.2								2.6	5.8
WNW		.7	.9	1.3								3.0	9.8
NW	.2	.4	.9	.6								2.1	8.4
NNW	.5	1.1	.5	.2								2.2	5.8
VARBL													
CALM												10.6	
	14.2	37.6	27.0	9.9	.6							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 2736 BUCKLEY ANGR CO STATION NAME 69-70,73-90 YEARS  
 MONTH FEB  
 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	1.0	1.5	.8	.3	.1		.2				1.9	7.5
NNE	.7	1.2	.7	.4	.1	.1						3.1	6.6
NE	.2	1.2	1.1	.3	.1							3.0	6.3
ENE	.4	1.4	1.1	.4								3.8	6.0
E	.9	1.9	1.3	.6								4.7	6.4
ESE	.3	1.4	1.2	.4								3.9	6.4
SE	.2	2.1	1.6	.7	.1							5.5	6.5
SSE	.5	1.7	1.3	.4	.1	.1						4.3	6.6
S	.1	2.4	2.5	3.6	.2	.1	.2					24.0	7.4
SSW	1.2	3.4	2.3	1.7	.1	.1						3.9	6.8
SW	.7	2.1	1.7	.3	.1	.1						4.5	6.2
WSW	.9	1.2	.7	.2	.1	.1						3.0	6.0
W	1.2	1.5	.7	.6	.2	.2						4.3	7.1
WNW	.5	.5	.5	1.0	.4	.1	.1					3.6	9.8
NW	.5	1.2	1.7	.7	.3	.1						4.0	8.8
NNW	.7	1.2	1.7	.5	.1	.1						3.5	7.0
VARBL													
CALM												9.5	
	15.2	33.7	27.1	11.9	2.2	.2	.2	.2				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 2736 BUCKLEY ANGB CO STATION NAME 62-70,73-8J YEARS  
 CLASS ALL WEATHER MONTH 0000-0200  
 HOUR (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	1.2	1.2	1.4	.6							5.5	8.8
NNE	.4	.7	.8	.4								2.5	7.1
NE	.5	.1		.2								.9	5.0
ENE	.7	.4	.4	.2								1.6	5.7
E	1.2	.4	.6									2.3	5.0
ESE	.4	1.4	.3									2.2	4.5
SE	.9	1.4	.9	.2								3.9	5.5
SSE	.6	3.2	2.6	.6	.1							7.2	6.9
S	2.1	13.2	10.0	5.1	.6	.3	.1					32.5	7.7
SSW	.9	4.6	4.2	1.3								11.0	6.9
SW	.4	1.9	.3									2.7	4.5
WSW	1.0	.7	.2	.1	.2							2.4	6.0
W	1.2	1.4	1.0	.5	.1							4.3	6.2
WNW	.7	1.1	.2									1.9	6.2
NW	.1	.2	1.0	.2								2.0	7.3
NNW	.4	1.4	1.0	1.2	.3			.1	.2			4.6	11.0
VARB													
CALM												12.7	
	13.1	34.7	25.2	11.5	2.0	.3	.1	.1	.2			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/LMAC

# SURFACE WINDS

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

STATION 23030 STATION NAME BUCKLEY ANG B CO YEARS 69-70, 73-80 MONTH MAR  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 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	1.7	1.3	2.5	.2	.1						5.2	9.6
NNE	.2	.7	.3	.1								1.4	5.9
NE	.3	.4	.3									1.1	4.9
ENE	.7	.3	.2	.3	.1							1.8	7.6
E	.4	.9	.3	.1								1.7	5.5
ESE	.7	.6	.5	.4								1.2	7.4
SE	.4	1.4	.0									2.6	5.3
SSE	.4	2.2	1.6	1.0	.1	.1						5.4	7.7
S	3.1	12.2	12.4	4.0	.4	.4						32.9	7.4
SSW	1.4	4.9	4.8	.6	.3							12.2	6.9
SW	1.0	1.9	.5	.2								3.5	5.2
WSW	1.0	.3	.2		.1							2.0	4.7
W	1.2	1.7	.6	1.1	.2							4.1	7.7
WNW	.4	.4	.6	.3	.1							2.4	7.4
NW	1.1	1.2	1.3	.1	.1							3.8	6.1
NNW	.2	.6	1.2	.5	.2			.1	.2			3.1	12.5
VARBL													
CALM												14.0	
	12.5	31.3	27.7	11.3	1.7	.6		.1	.2			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

4  
 FEDERAL CLIMATOLOGY BRANCH  
 WAFB/TAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23530 LUCKLEY ANGB CO STATION NAME 69-70,73-60 YEARS MA  
 MONTH 1600-0800  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 1600-0800  
 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	1.7	1.2	1.1	.5							4.8	9.2
NNE	.1	1.3	.3	.9	.1							3.5	7.8
NE	.4	.3	.6	.6	.1							2.2	6.7
ENE	.3	.6	.3	.1								1.4	5.8
E	.6	1.7	1.0	.1								2.8	5.7
ESE	.2	1.2	.8	.5								2.7	7.2
SE	.4	1.3	.5		.1							2.6	6.0
SSE	1.1	2.1	.9	.2	.2	.1						4.5	6.3
S	2.0	9.7	12.6	3.1	.8	.3	.1					24.6	7.8
SSW	.6	5.8	5.4	1.5	.2							13.7	7.1
SW	1.3	2.1	1.7	.4								5.5	6.2
WSW	1.0	1.6	.5	.1	.1							3.3	5.4
W	1.4	1.7	.1	.4	.7							3.9	5.7
WNW	.1	1.2	.9	.3	.1	.1						2.7	6.4
NW	.2	.3	.5		.3							2.4	6.9
NNW	.9	1.2	1.1	.5	.2	.2		.1	.2			4.4	10.6
VARBL													
CALM												11.1	
	12.4	23.2	29.0	10.0	3.0	.8	.1	.1	.2			100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930



4

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 2137 LUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS MAP  
 MONTH 0900-1100  
 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	1.5	1.3	3.5	2.8	.4	.3		.1				10.1	7.8
NNE	.2	1.5	1.6	1.1	.3							5.2	8.0
NE	.6	1.4	.3	.9								3.2	6.9
ENE	.5	1.2	1.4	.5								3.7	6.9
E	.6	2.3	2.6	.4								5.9	6.9
ESE	.4	1.7	1.1	.4	.2							3.1	7.7
SE	.5	1.7	1.7	.5	.1							4.1	7.0
SSE	.5	2.1	.9	.3								3.8	5.9
S	1.1	2.9	4.5	2.0	1.1	.5						12.2	9.7
SSW	1.4	2.6	3.7	1.3	.3	.1						9.4	7.8
SW	1.2	2.4	1.8	.6	.2		.2	.1				5.0	7.8
WSW	1.6	1.5	1.1	.2	.2							4.9	6.2
W	.9	2.2	1.3	1.4	.6	.1						5.5	9.0
WNW	.9	.7	.8	.6	.7							3.5	10.1
NW	.5	1.2	1.2	.3	.3		.1					3.7	8.4
NNW	.8	1.4	1.2	1.0	.1				.2	.1		3.4	10.1
VARBL													
CALM												6.9	
	13.9	27.3	28.4	14.6	4.9	1.1	.3	.2	.2	.1		100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFM WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 2536 BUCKLEY ANGB CO STATION NAME 69-70,73- J YEARS          MAR MONTH  
 ALL WEATHER CLASS 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	.3	2.4	4.3	3.8	1.7	.2	.2	.1				14.2	9.8
NNE	.6	1.5	2.8	1.8	.2	.2						7.3	9.3
NE	1.2	1.5	2.2	1.0	.3							6.1	7.4
ENE	1.3	2.6	2.3	1.1								7.2	6.6
E	.6	2.8	2.3	1.0	.1							6.8	7.4
ESE	1.1	1.6	1.5	1.6	.1							5.9	7.6
SE	.4	1.6	1.2	1.2	.1							4.5	8.0
SSE	1.1	1.2	1.3	1.2	.2	.2						5.1	8.9
S	.9	1.2	1.2	1.0	.5	.5	.1					5.4	10.6
SSW	.5	1.7	.5	.6	.1	.1						2.9	8.2
SW	.2	.6	.8	.5	.3	.1	.1	.3				3.0	14.2
WSW	.8	1.1	.1	.4	.2							2.6	6.8
W	.4	.9	1.3	.8	.5	.3						4.2	11.1
WNW	.7	1.7	1.0	1.7	.9							4.8	11.1
NW	.4	1.7	1.4	1.3	.9	.2						5.9	10.1
NNW	1.0	1.3	3.1	1.0	.2			.2	.1			6.9	9.4
VARBL													
CALM												7.2	
	13.1	23.9	27.1	19.9	5.7	1.9	.4	.6	.1			100.0	8.4

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)

2036 STATION LUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS MAR MONTH  
1500-1700 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	1.3	2.2	4.8	3.1	.9	.2						13.1	9.1
NNE	.8	2.5	2.3	1.4	.2	.2						7.3	8.3
NE	.7	1.7	2.6	1.6	.2							8.7	8.6
ENE	.4	2.7	3.9	1.5	.1							8.6	8.1
E	.9	2.2	3.0	.9	.1							7.0	7.5
ESE	.5	1.4	1.7	.9	.1							4.6	7.6
SE	.4	1.9	2.2	2.3	.5							7.3	9.5
SSE	.6	.9	.6	.9	.1	.1	.1	.2				3.5	10.7
S	.5	.6	.8	1.0	.9	.5						4.3	12.6
SSW	.5	.2	.1	.6	1.2	.2	.1					3.0	14.5
SW	.3	.2	.5	.6	.5	.4						2.7	13.6
WSW	.2	.4	.3	.2	.3	.1						1.6	10.4
W	.5	.8	.8	.9	.2	.3						3.4	10.7
WNW	.3	.6	1.1	1.6	1.0	.7						4.8	12.1
NW	.6	.9	1.8	2.2	.4	.1	.1	.1				8.2	10.9
NNW	1.1	2.3	2.8	1.9	.4	.2	.2		.1			9.0	9.6
VARBL													
CALM												6.7	
	9.7	22.0	29.2	21.5	7.2	2.7	.5	.3	.1			100.0	9.1

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)

2736 STATION BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS 1800-2000 MAP MONTH 1800-2000  
 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	1.5	1.5	1.6	2.7	.4	.1						4.1	9.2
NNE	1.1	1.3	1.2	1.4	.5		.1					5.6	9.0
NE	1.3	1.6	1.2	.8	.2							5.1	7.2
ENE	.3	1.8	1.7	.9								4.7	7.6
E	2.2	3.2	2.0	.8								4.2	5.9
ESE	1.3	2.0	1.0	.4								4.7	5.6
SE	1.3	2.3	2.4	1.4	.1							6.0	7.3
SSE	1.5	2.0	1.7	1.5	.2							5.5	8.1
S	1.8	4.6	2.3	1.3	1.0	.3						11.3	8.2
SSW	.8	1.5	1.1	.8	.3							4.4	7.5
SW	.6	.6	.6	.8								2.7	7.9
WSW	.6	.9	.2	.6	.1							2.5	7.4
W	.5	1.8	.9	1.5	.4							5.2	8.6
WNW	.3	1.3	1.1	.8	.1	.1						3.7	8.3
NW	.4	1.2	1.0	.9	.2	.2	.3					4.2	10.9
NNW	.6	.8	1.4	1.1	.2	.2						4.3	9.4
VARBL													
CALM												11.1	
	15.7	29.0	21.5	17.4	3.9	1.0	.4					100.0	7.1

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 27 36 STATION NAME LUCKLEY ANGR CO YEARS 69-70, 73-80 MONTH MAR  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 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	1.1	1.4	2.4	1.6	.6	.1						7.5	9.2
NNE	.6	1.3	1.3	.6								4.1	6.9
NE	.4	.8	.8	.3								2.3	6.8
ENE	.2	.9	.5									2.2	5.1
E	.4	1.7	.9	.3								3.3	5.8
ESE	.2	1.1	.4									2.3	4.9
SE	.2	2.4	2.5	.3	.2							6.1	6.9
SSE	.9	1.9	2.9	1.3	.1							7.1	7.9
S	2.7	12.1	9.0	6.0	1.3	.1	.1					29.4	8.3
SSW	1.2	2.5	2.9	.8								7.4	6.6
SW	1.0	1.9	.2	.2								3.3	5.2
WSW	.3	.9	.6	.1								1.9	6.2
W	.6	1.5	1.2	.5	.1							4.0	7.1
WNW	.4	1.1	.9	.2								2.5	6.1
NW	.5	1.1	.3	.4	.1	.2						2.7	8.2
NNW		.9	1.0	.9		.2		.2	.1			3.2	12.7
VARBL													
CALM												10.7	
	12.4	52.0	27.8	13.7	2.5	.6	.1	.2	.1			100.0	6.8

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)

STATION 27030 LUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS MAR 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	1.2	1.7	2.6	2.4	.6	.1	.0	.0				1.7	9.4
NNE	.6	1.4	1.4	1.0	.2	.1	.0					4.6	8.2
NE	.7	1.1	1.0	.7	.1							3.4	7.5
ENE	.6	1.3	1.4	.6	.0							3.9	7.1
E	.0	1.8	1.6	.4	.0							4.7	6.5
ESE	.6	1.3	.9	.5	.1							3.4	6.8
SE	.6	1.0	1.4	.8	.1							4.9	7.3
SSE	.8	1.9	1.6	.9	.1	.1	.0	.0				5.4	7.7
S	2.0	6.8	6.6	2.9	.8	.4	.1					19.6	8.2
SSW	.9	2.9	2.8	.9	.3	.1	.0					2.0	7.5
SW	.8	1.5	.8	.4	.1	.1	.0	.1				3.8	7.8
WSW	.8	1.0	.4	.2	.2	.0						2.7	6.4
W	.0	1.4	.9	.9	.3	.1						4.4	6.3
WNW	.4	.0	.9	.7	.4	.1						3.3	9.3
NW	.6	1.1	1.1	.7	.3	.1	.1	.0				3.9	9.1
NNW	.5	1.2	1.7	1.0	.2	.1	.0	.1	.1	.0		5.1	10.4
VARBL													
CALM												10.3	
	12.9	29.2	27.0	15.0	3.9	1.1	.3	.2	.1	.0		110.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2735 STATION BUCKLEY ANGB CO STATION NAME 69-70,73-8J YEARS APR MONTH 0000-0200 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	1.3	1.4	1.7	.6	.1						2.9	9.8
NNE	.4	.6	.8	.3	.1							2.2	7.7
NE	.1	.4	.2	.2								1.1	7.3
ENE	.3	.3	.4	.1								1.2	6.3
E	.8	.6	.9									2.2	5.6
ESE	.6	1.7	.6	.1								2.2	5.6
SE	.9	2.0	.3	.2								5.3	5.1
SSE	.6	2.3	1.7	2.0	.1	.1	.3					7.1	9.4
S	2.0	13.4	13.1	8.6	1.2	.4	.1					38.9	8.7
SSW	.7	2.7	3.6	1.8	.2							5.9	8.2
SW	.4	1.2	1.2	.1								2.8	6.4
WSW	.6	1.2	.8									2.6	5.1
W	1.4	1.3	1.2	.7	.1							4.5	6.7
WNW	.3	.2	.8	.2								1.6	7.4
NW	1.1	1.1	1.2	.3								3.8	6.2
NNW	.7	1.6	1.6	1.2								5.0	7.8
VARBL													
CALM												6.6	
	11.4	31.2	29.8	17.6	2.3	.7	.4					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AF WEATHER SERVICE/MAC

# SURFACE WINDS

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

2130 STATION BUCKLEY ANG9 CO STATION NAME 69-73,73-80 YEARS APR  
 MONTH 0300-0500  
 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	.5	1.2	2.0	1.7	.4							1.1	6.9
NNE	.3	.2	.7	.1	.1							2.1	6.7
NE	.6	.8	.6	.4								3.3	6.6
ENE	.4	.3	1.7	.1								1.9	6.7
E	.6	1.3	.3	.1								2.3	5.2
ESE	.7	.9	.6	.2								2.3	5.7
SE	.9	1.1	.4	.1								2.4	4.8
SSE	.4	2.7	1.1	1.2		.2						5.7	7.9
S	2.2	12.6	12.1	5.3	.8	.7						33.7	8.0
SSW	1.2	5.0	5.1	1.8	.3							13.4	7.5
SW	.8	1.1	.8	.3								3.7	5.8
WSW	1.2	1.7	.7	.1								3.9	4.8
W	.6	.8	1.3	.6								3.2	7.2
WNW	.4	.7	.8	.3	.1							2.3	7.1
NW	.7	.6	.6	.3								1.8	7.4
NNW	.9	.9	.6	.8	.4	.1						3.7	8.8
VARBL													
CALM												9.1	
	11.3	33.2	28.6	13.6	2.2	1.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 960



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

21 36 LUCKLEY ANGB CO 69-70, 73-80 APP  
STATION STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 0600-0800  
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	.7	.2	2.1	1.2	.2	.1						5.1	9.2
NNE	.5	.7	.8	.6	.3							2.7	9.2
NE	.4	.6	.9	.2	.1							2.2	6.9
ENE	.6	.9	.3	.2	.1							2.1	6.2
E	.2	1.4	.4	.2								2.9	5.5
ESE	.1	.4	.8	.1								1.4	7.1
SE	.4	.6	.8		.1							1.9	6.6
SSE	.5	1.4	1.4	.7	.4	.1						4.9	8.3
S	2.6	8.2	8.7	7.4	.9	.2						23.6	7.9
SSW	1.5	5.1	7.0	2.7	.2							15.6	7.8
SW	1.2	3.2	1.8	.7								6.9	6.2
WSW	1.9	2.2	.7	.3	.1							5.2	5.1
W	1.8	1.8	1.7	.6	.6	.3						6.7	7.6
WNW	.4	.7	.7	.3	.1	.1						2.3	7.5
NW	1.0	.7	1.2	.4								3.3	6.5
NNW	.4	.7	1.8	.8	.4	.1						4.2	9.7
VARBL													
CALM												4.0	
	15.0	29.3	30.6	12.4	3.7	1.0						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/4AC

# SURFACE WINDS

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

STATION 27.33 LUCKLEY INGB CO STATION NAME 69-78,73-80 YEARS APR  
 CLASS ALL WEATHER MONTH 1900-1100  
 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	3.3	4.3	2.1	1.7	.4						12.4	9.3
NNE	.4	1.6	1.3	.3	.1							3.3	6.9
NE	.2	1.3	.8	.8								4.1	6.6
ENE	1.1	1.7	.9	.4								4.1	5.8
E	1.1	2.4	1.9	.3	.1							5.9	6.4
ESE	.6	1.2	1.4	.6	.1							3.9	7.1
SE	.9	1.7	.2	.3								2.4	5.5
SSE	1.7	1.7	1.4	.4		.1	.1					4.1	7.7
S	.9	2.9	3.7	2.8	.7	1.7						11.4	10.7
SSW	1.3	1.7	1.9	1.7	.4	.7						7.2	8.8
SW	1.1	1.7	2.2	.7	.6	.1						6.3	8.2
WSW	1.7	1.4	1.3	.4	.1							4.3	6.7
W	1.3	1.7	1.3	.6	.8							5.7	7.9
WNW	1.1	1.5	1.2	.8	.4	.4						5.6	9.0
NW	.3	1.1	1.4	1.0	.1							4.0	8.5
NNW	.4	2.6	2.0	1.2	.2	.1						6.6	9.3
VARBL													
CALM												9.1	
	14.7	28.4	26.9	14.4	4.9	2.4	.1					100.0	7.5

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 2330 BUCKLEY ANGUS CO STATION NAME 69-70.73-PD YEARS APR MONTH  
 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	.7	2.1	4.7	2.2	1.1	.1						11.4	9.7
NNE	.8	1.4	2.4	.9	.3	.3						6.2	8.9
NE	.3	2.2	3.1	.9								5.6	6.6
ENE	1.7	1.3	1.3	.7								5.2	6.7
E	2.1	2.8	3.4	2.2								13.2	7.5
ESE	.1	1.7	1.1	.8	.1							4.1	7.9
SE	.7	1.4	1.7	1.1	.7	.3						5.9	9.8
SSE	.4	1.4	1.7	1.3	1.1	.1	.1					6.2	10.7
S	.4	1.7	1.4	2.4	1.1	1.3	.2					8.2	13.6
SSW	.2	.7	.8	.8	.2	.2	.2					3.3	11.7
SW	.2	.6	.8	.9	.3	.2						3.3	11.0
WSW	.1	.5	.7	.6	.2							3.2	9.4
W	.4	1.1	1.0	1.2	.4	.7						5.3	10.6
WNW	.3	.7	1.5	1.0	.7	.6						5.2	11.1
NW	.2	.9	1.7	1.9	.2	.3						5.8	10.8
NNW	.5	1.4	2.8	1.7	.1	.1						6.9	8.5
VARBL													
CALM												2.7	
	10.7	23.4	32.6	20.6	6.7	4.3	.5					100.0	9.2

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)

2734 STATION LUCKLEY / NOR CO STATION NAME 64-70,73-80 YEARS 1500-1700 APP MONTH 1500-1700  
 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	2.7	4.7	7.2	1.1	.7						17.3	9.7
NNE	.1	2.6	1.9	1.3	.4							6.8	8.2
NE	.9	2.1	2.4	.9	.1	.2						7.3	7.6
ENE	.4	1.5	3.4	.8	.1							6.9	7.7
E	.7	2.3	3.4	2.2	.1							3.8	8.4
ESE	.5	1.1	1.0	1.1	.3							4.1	8.8
SE	.7	1.1	1.7	1.2	.4	.1						4.8	10.3
SSE	.7	.6	1.1	1.6	1.2	1.6	.1	.3				7.1	12.5
S	.9	1.7	1.1	1.3	.9	.6	.1	.1				6.2	12.5
SSW	.5	.4	.9	1.1	.3	.6	.2					4.1	12.8
SW	.1	.4	.3	1.0	.4	.7						3.0	12.3
WSW	.2	.7	.9	.8								2.6	8.7
W	.4	1.4	1.3	1.6	.9	.7						7.9	10.7
WNW	.7	.7	1.6	1.8	1.7	.7						6.1	11.2
NW	.4	.9	1.6	.4	.4	.7						4.0	9.5
NNW	.7	1.7	1.4	1.3	.1	.2						5.4	8.9
VARBL													
CALM												3.6	
	2.7	2.7	9.8	21.7	8.0	4.8	.4	.4				100.0	9.7

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 2-26 BUCKLEY ANGB CO STATION NAME 69-70,73-PQ YEARS APR  
 CLASS ALL WEATHER MONTH 1950-2000  
 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	2.5	1.9	1.8	.2	.2						4.1	8.2
NNE	.8	1.3	1.2	.7	.1	.2						4.6	8.3
NE	.5	1.2	1.2	.9	.1							4.6	7.6
ENE	1.7	2.1	2.1	.9								6.0	6.6
E	1.4	2.7	1.4	.8	.2							5.9	6.6
ESE	.3	2.5	1.6	.9								5.6	6.7
SE	.2	1.9	3.1	1.6	.4	.1						7.2	9.2
SSE	.8	2.1	2.7	2.3	1.7	.2	.1	.3				10.8	12.2
S	.6	2.4	2.6	1.9	1.3	.4						9.4	10.6
SSW	.4	1.3	.9	1.2	.3	.1						4.3	9.2
SW	.7	1.1	1.7	.6								3.3	7.6
WSW	.6	.6	.7	.6								2.6	7.5
W	.2	.9	1.7	1.2	.3							4.3	10.0
WNW	.4	.7	1.2	1.6	.1							4.0	9.0
NW	.2	1.0	.8	.7	.2							3.4	8.0
NNW	.7	2.6	2.2	.9	.3							6.7	7.6
VARBL													
CALM												9.2	
DIR	10.3	27.3	26.4	15.4	5.4	1.9	.1	.3				100.0	7.9

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)

23.35 LUCKLEY ANGS CO 69-70, 73-80 APR  
 STATION STATION NAME YEARS MONTH  
ALL WEATHER 2100-2300  
 CLASS 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	1.2	1.2	.1	.1						4.4	9.1
NNE	.2	1.2	1.2	.8		.1						1.2	8.3
NE	.4	.8	.4	.3								1.8	6.7
ENE	.7	.7	.3	.3								2.0	5.9
E	1.3	.1	1.4		.1	.1						3.9	6.4
ESE	.4	1.3	.4	.2								2.9	6.1
SE	.2	1.9	2.3	.7								3.9	7.1
SSE	.2	2.3	4.8	2.8	.8	.1		.2				11.7	10.1
S	1.7	7.9	8.7	7.3	1.4	.3	.1					27.4	9.1
SSW	1.6	2.3	2.4	.9								7.7	6.3
SW	.7	.9	.4	.4								2.4	6.1
WSW	.8	1.2	1.3	.1								3.4	6.0
W	.7	1.3	.9	.9	.2							4.0	7.9
WNW	.7	.9	.7	.1								2.3	5.4
NW	.4	1.1	1.1	.1								2.7	6.2
NNW	.8	1.7	.7	1.3	.1							4.6	8.3
VARBL													
CALM												3.3	
	12.1	28.0	29.7	17.8	3.2	.5	.1	.2				103.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/LMAC

# SURFACE WINDS

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

STATION 2130 WICKLEY ANGB CO STATION NAME 69-70,73-80 YEARS APR 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	.7	1.2	2.3	1.9	.6	.7						5.3	9.3
NNE	.5	1.7	1.4	.7	.2	.1						4.1	8.2
NE	.5	1.6	1.2	.6	.7	.7						3.9	7.1
ENE	.7	1.2	1.3	.4	.7							3.7	6.7
E	1.1	1.7	1.7	.7	.1	.7						5.3	6.9
ESE	.5	1.3	1.0	.5	.1							3.3	7.0
SE	.5	1.7	1.3	.7	.2	.1						4.2	8.7
SSE	.6	1.8	2.7	1.5	.7	.4	.1	.1				7.2	10.6
S	1.4	6.2	6.3	4.1	1.1	.7	.1	.7				19.9	9.2
SSW	.9	2.4	2.8	1.5	.3	.1	.1					8.2	8.3
SW	.7	1.4	1.1	.6	.2	.1						3.9	7.7
WSW	.3	1.2	.9	.4	.1							1.3	6.3
W	.7	1.3	1.3	.9	.4	.2						5.9	8.7
WNW	.6	.3	1.1	.6	.3	.2						3.7	9.3
NW	.6	1.7	1.2	.7	.1	.1						3.6	8.1
NNW	.6	1.7	1.7	1.2	.2	.1						5.4	8.4
VARBL													
CALM												6.9	
	12.1	24.9	28.9	17.1	4.5	2.1	.2	.1				14.0	7.9

TOTAL NUMBER OF OBSERVATIONS 7206

GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2735 STATION LUCKLEY ANS66 CO STATION NAME 69-70,73-90 YEARS MAY  
 MONTH 000-0200  
 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	1.1	1.4	1.1	.3	.1							1.0	6.1
NNE	.4	1.2	1.1	.4								3.0	7.1
NE	.3	1.1	.6									2.0	5.7
ENE	.4	.6	.4									1.5	5.2
E	.9	1.3	.5	.2								2.9	5.4
ESE	.5	.9	.3									1.7	4.7
SE	.5	1.9	1.0	.2		.1						3.3	6.3
SSE	.6	3.7	1.7	1.0	.1	.1	.1					6.7	7.5
S	1.9	10.4	11.9	6.7	2.4	.6						34.0	9.0
SSW	1.5	5.1	3.7	1.5	.1							11.8	6.9
SW	1.0	2.5	1.4	.1	.1	.1						6.3	5.8
WSW	.3	1.2	.5	.2								2.3	5.9
W	1.7	1.0	.2									2.8	4.2
WNW	.6	1.1	.2									1.9	4.5
NW	.3	1.2	.2	.2								1.9	5.7
NNW	.3	.9	.9	.4	.1							2.6	7.6
VARBL													
CALM												11.1	
	12.7	35.3	25.7	11.3	2.9	1.3	.1					10.0	6.5

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)

4

STATION 2037 LUCKLEY ANGR CO STATION NAME 62-70,73-60 YEARS MAY MONTH  
 CLASS ALL WEATHER 300-0500 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	.6	1.1	.6	.3	.1							2.9	6.3
NNE	.5	.9	.8	.1								2.3	5.5
NE	.3	.3	.5									1.2	5.8
ENE	.5	.2	.4									1.8	4.6
E	.6	1.2	1.0	.3	.1							3.3	6.5
ESE	.3	.4	.4	.1								1.3	5.7
SE	.3	1.2	1.2	.2								2.9	6.9
SSE	.3	3.0	1.5	.3	.2							5.6	6.4
S	2.3	12.7	11.2	3.7	1.6	.2						31.6	7.8
SSW	1.0	5.6	6.6	1.4								15.5	6.8
SW	.9	2.7	1.5	.4								5.5	6.2
WSW	1.2	1.4	.3	.2								1.2	4.8
W	1.4	1.1	.6		.1	.1						2.3	5.4
WNW	.5	.4	.2		.1	.2						1.5	6.3
NW	.9	1.1	.2	.2								2.4	4.6
NNW	.9	1.9	.6	.8								4.2	6.2
VARBL													
CALM												11.5	
	14.1	35.8	27.7	8.1	2.3	.5						110.0	6.6

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 2736 BUCKLEY AFB CO STATION NAME 69-70,73-80 YEARS MAY  
 CLASS ALL WEATHER MONTH 600-0800  
 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	.4	1.2	1.0	.6		.2						3.8	8.1
NNE	.5	1.7	.8	.1								2.4	5.9
NE	.5	.5	1.1	.3								2.5	6.8
ENE	.3	1.1	.5	.3	.2							2.5	7.7
E	.4	.4	.4	.3								2.3	6.9
ESE	.4	.5	1.1	.4								2.5	7.5
SE	.4	1.2	.5	.6	.4							3.2	8.3
SSE	.9	.6	.5	.4								2.5	6.3
S	1.4	5.6	7.0	3.5	.6	.1						13.3	6.4
SSW	1.9	5.3	6.6	2.4	.4	.1						16.6	7.6
SW	1.7	4.7	5.2	1.2	.1							17.1	6.6
WSW	1.6	2.4	1.8	.2								6.0	5.4
W	1.9	1.7	1.2	.2	.2	.2						5.7	6.2
WNW	1.7	.1	.6									2.6	4.2
NW	.6	.9	.8	.1								2.4	5.6
NNW	.3	1.7	.9	.6								3.5	6.9
VARBL													
CALM												10.3	
	15.1	30.3	30.1	11.5	2.7	.6						100.1	6.4

TOTAL NUMBER OF OBSERVATIONS 930

4

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 2736 WICKLEY ANSB CO STATION NAME WICKLEY ANSB CO YEARS 69-70, 73-80 MONTH MAY  
 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	1.1	3.2	2.7	1.3	.3	.1	.3					4.7	8.2
NNE	1.1	2.4	2.2	.5	.1							6.3	6.5
NE	.9	2.3	1.6	.8	.1							5.6	6.8
ENE	1.4	1.7	2.2	.6	.1	.1						6.1	7.1
E	1.7	2.7	1.2	.6	.2							6.5	6.1
ESE	1.1	.9	.8	.5		.4						3.7	8.5
SE	.5	2.2	.4	.5	.1	.2						3.9	7.5
SSE	.5	1.2	.6	.9	.2	.2						3.9	8.7
S	1.3	2.3	2.7	1.9	.6	.2						7.0	9.1
SSW	1.1	1.7	1.5	1.6	.1							5.0	8.1
SW	.9	1.9	1.5	1.2								5.5	7.0
WSW	1.2	1.9	1.1	.3	.1							4.6	5.5
W	1.6	2.3	1.8	.2	.1	.3						6.6	6.5
WNW	.2	1.4	.4	.3	.2	.2						3.3	7.7
NW	.3	1.1	.9	.1								2.8	5.5
NNW	1.1	2.0	1.7	.5	.1	.1						5.1	6.6
VARBL													
CALM												10.4	
	17.1	32.4	23.2	12.2	2.5	1.2	.3					170.0	6.6

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)

2735 BUCKLEY ANSP CO 69-70, 73-80 MAY  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 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	≥55	%	MEAN WIND SPEED
N	1.1	4.1	2.4	2.4	.3	.4	.1					11.4	8.5
NNE	.5	2.7	3.4	1.1	.2	.1						8.2	5.1
NE	.4	2.7	2.1	.5	.1							5.3	7.0
ENE	.4	2.7	3.3	.9								7.3	7.3
E	1.1	2.7	3.2	1.6	.1							8.6	7.7
ESE	1.1	1.4	1.5	.9	.5	.2						5.5	8.9
SE	.9	1.3	2.3	1.3								5.7	7.7
SSE	.6	1.2	1.6	.6	1.2	1.1	.1					6.2	12.2
S	.8	1.3	2.2	1.4	1.3	1.0	.1					8.0	12.2
SSW	.5	.6	.9	.9	.2	.2						3.3	9.9
SW	.3	.2	.4	.2	.2	.1						2.2	8.1
WSW	.2	1.1	1.0	.6	.2							3.0	8.4
W	.2	1.1	.9	.5	.5							3.1	9.6
WNW	.3	.4	1.3	1.0		.1						3.5	9.0
NW	1.1	1.1	1.3	.8	.9	.1						5.2	9.3
NNW	.9	1.4	2.2	1.0	.3	.2						5.9	8.7
VARBL													
CALM												7.1	
	17.2	27.5	29.8	15.6	5.9	3.5	.3					110.6	8.3

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)

2. 31. STATION UCKLEY ANGB CO STATION NAME UCKLEY ANGB CO YEARS 69-70, 73-80 MONTH MAY  
 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	.9	3.2	2.7	1.9	.8	.5						10.0	9.4
NNE	1.1	2.5	2.4	1.2	.2	.1						7.3	7.9
NE	1.0	2.6	1.7	1.3	.3	.2						7.1	8.2
ENE	1.1	1.5	1.6	1.1	.1							5.4	7.4
E	1.4	1.7	3.1	2.4	.4	.1						9.0	8.6
ESE	.3	1.9	2.2	1.4	.2							5.0	8.8
SE	1.1	2.2	1.4	1.9	.3		.1	.1				7.5	9.2
SSE	.2	.3	1.9	2.5	1.1	1.0		.1				7.4	13.6
S	.4	1.1	1.8	1.8	1.1	1.5	.4	.1				8.4	14.7
SSW	.2	.5	1.1	1.1	.5	.1	.1					3.7	11.7
SW	.1	1.2	.4	.6	.5							2.9	10.1
WSW	.1	1.4	.9	.6	.4							3.4	9.3
W	.5	1.1	.6	.9	.3	.1						3.5	9.3
WNW	.1	1.1	1.6	1.0								3.7	8.9
NW	.8	1.7	1.7	1.4	.3							5.2	9.1
NNW	.3	1.7	1.9	1.2	.2		.1					5.5	9.2
VARBL													
CALM												4.5	
	2.5	15.2	17.0	22.3	6.8	3.8	.8	.3				100.0	9.4

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)

23 30 STATION LUCKLEY ANGR CO STATION NAME 60-70, 73-90 YEARS MAY MONTH  
ALL WEATHER CLASS 1800-2000 HOURS (LST)  
 \_\_\_\_\_  
 \_\_\_\_\_ 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	3.8	1.8	.4	.1						11.0	8.0
NNE	.0	1.3	1.5	.6	.2	.2						4.5	8.5
NE	.0	1.2	1.4	.4	.6	.2						4.6	9.6
ENE	.3	2.1	2.2	.5	.1	.1						5.7	7.3
E	.7	2.3	2.8	.9	.1							6.9	7.0
ESE	.5	2.2	1.7	.5	.1							5.1	7.0
SE	1.3	2.5	2.3	2.0	.2		.1	.2				8.6	9.1
SSE	.6	2.5	2.6	2.7	.4	.2	.1					9.1	9.5
S	1.7	4.1	3.1	3.9	1.1	.3	.2					13.5	10.0
SSW	1.0	.9	.8	.6	.5	.2						4.0	9.1
SW	.4	1.0	1.4	.5								3.3	7.5
WSW	.6	.9	.4	.3								2.2	6.5
W	.9	.9	.6	.2								2.6	5.6
WNW	.3	.4	.7	.6								2.6	7.6
NW	.6	1.3	.9	.6								3.4	6.9
NNW	.2	.6	2.5	.9								4.7	8.5
VARBL													
CALM												9.7	
	12.6	25.9	28.7	17.3	3.9	1.4	.4	.2				100.0	7.6

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)

4

2003 LUCKLEY ANGB CO 69-70, 73-80 MAY  
 STATION STATION NAME YEARS 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	1.1	1.5	1.6	.8	.1							7.1	7.2
NNE	.4	1.1	1.6	.8								3.9	7.6
NE	.1	.9	.9	.1								1.9	6.9
ENE		1.2	1.4		.1							2.7	7.1
E	1.4	2.6	1.7	.9		.1						5.9	6.5
ESE	.3	1.7	1.1	.4								3.1	6.7
SE	1.2	2.5	1.5	.4	.1							5.7	5.9
SSE	1.1	2.2	3.8	2.2	.6	.4		.2				11.1	9.8
S	1.3	4.4	10.0	6.8	1.5	.3						27.3	9.0
SSW	1.1	1.7	2.4	.8	.2							6.2	7.4
SW	.9	1.7	1.1	.2		.1						3.9	6.2
WSW	.6	1.4	.5	.2								2.8	5.5
W	1.1	1.7	.3									2.6	4.2
WNW	.5	.5	.4									1.6	5.1
NW	.4	1.1	.4									1.8	5.3
NNW	.2	.5	.6	.4								2.4	6.8
VARBL													
CALM												11.1	
	11.9	33.7	25.5	13.9	2.7	1.0		.2				100.0	6.6

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)

2135 BUCKLEY ANG3 CO 69-70, 73-80 MAY  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 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	1.1	2.4	2.7	1.2	.3	.7	.1					7.1	8.1
NNE	.7	1.5	1.7	.6	.1	.1						4.7	7.4
NE	.6	1.4	1.2	.4	.1	.1						3.8	7.5
ENE	.6	1.5	1.5	.4	.1	.0						4.1	7.0
E	1.0	1.9	1.7	.9	.1	.1						5.7	7.1
ESE	.6	1.2	1.1	.5	.1	.1						3.5	7.7
SE	.7	1.5	1.3	.9	.1	.7	.0	.0				5.1	7.8
SSE	.7	1.7	1.6	1.3	.4	.4	.0	.0				6.6	9.7
S	1.3	5.7	6.2	3.7	1.3	.6	.1	.0				15.9	9.3
SSW	1.1	2.7	2.9	1.3	.3	.1	.0					8.4	7.7
SW	.9	2.1	1.6	.6	.1	.						5.3	6.9
WSW	.8	1.4	.2	.3	.1	.						3.4	6.3
W	1.1	1.4	.8	.3	.2	.1						3.8	6.5
WNW	.6	.9	.7	.4	.7	.1						2.6	7.2
NW	.7	1.1	.8	.4	.1	.0						3.1	7.2
NNW	.6	1.5	1.4	.7	.1	.0	.0					4.3	7.7
VARBL													
CALM												9.5	
	11.9	30.4	27.6	14.0	3.6	1.7	.2	.1				10.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7440



GLOBAL CLIMATOLOGY SPATIAL  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2073 STATION MOCCLEY ANGR CO STATION NAME 69-70,73-A0 YEARS JUN  
 MONTH 000-0200  
 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	.4	1.1	.1								3.6	5.5
NNE	.1	.4	.4	.2		.1						1.4	9.6
NE	.1	.3	.1	.1	.1							1.0	7.0
ENE	.3	.5	.7	.2								2.1	6.1
E	.4	.2	.4	.1								1.9	5.2
ESE	1.1	.2	1.1	.1								3.2	5.4
SE	.5	1.2	.9	.2								3.8	5.4
SSE	.6	1.2	1.7	1.1	.2							5.4	4.3
S	1.2	16.4	12.7	7.0	2.1	.4	.1					41.4	8.1
SSW	1.4	7.6	5.1	1.6								15.7	6.5
SW	1.2	1.4	.8	.2								3.7	5.1
WSW	.6	1.1	.6	.1								3.3	5.6
W	.4	1.4	.8	.2								3.9	6.2
WNW	.3	1.1										1.4	4.2
NW		.4	.2	.1								1.1	5.8
NNW	.6	1.2	.6	.1								3.2	5.5
VARBL													
CALM												6.2	
	1.3	32.8	27.6	11.6	2.3	.7	.1					10.2	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)

2 30 UCKLEY AMB CO 66-70, 77-80 JUL  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER  
 CLASS 1300-0500  
 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	1.5	.9	.4								3.7	6.1
NNE	.4	.3	.3	.2								1.3	5.9
NE	.7	.7	.1	.1								1.1	5.1
ENE		.7	.1									.4	5.3
E	.1	1.1	.3									1.6	5.5
ESE	.0	.7	.6	.1								1.1	5.1
SE	.2	.7	.6	.1								1.1	5.2
SSE	.0	2.0	2.7	.8								7.0	7.0
S	2.7	15.0	13.6	6.1	.9	.2						74.0	7.7
SSW	2.7	9.7	7.3	1.1								70.1	6.4
SW	.7	2.4	1.2	.1								4.4	5.8
WSW	.5	1.2	.6		.1							2.2	5.9
W	.5	.8	.2	.3								2.1	5.9
WNW	.2	.9										1.6	3.7
NW	.4	1.2	.2									1.9	4.8
NNW	.0	.7	.7	.1								2.2	5.4
VARBL													
CALM												6.9	
	13.1	39.9	24.3	9.6	1.7	.2						100.0	6.2

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)

4

2 36 STATION UCKLEY ANGR CO STATION NAME 65-70.73-00 YEARS JUN MONTH  
ALL WEATHER CLASS 600-0800 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	1.1	1.0	.1								1.4	6.0
NNE	.4	.6	.3									1.3	4.2
NE	.4	.6	.2	.2								1.9	7.0
ENE	.2	.7	.3									.9	5.1
E	.6	.4	.4	.7								1.4	6.0
ESE	.8	.4	.3									1.6	4.6
SE	1.1	.7	.6	.1								2.4	5.0
SSE	.2	.7	1.1	.6	.3	.1						3.1	9.4
S	1.4	5.6	6.9	2.7	.2							17.9	8.9
SSW	1.6	7.1	11.0	2.7								22.2	7.4
SW	2.1	6.1	5.1	1.2								14.3	6.5
WSW	1.9	2.2	2.1	.1								5.3	5.4
W	1.4	2.4	1.1									7.0	4.0
WNW	1.1	.9	.6	.6	.1							3.2	6.6
NW	1.0	1.0	.8	.2								3.6	5.3
NNW	.7	1.3	1.7	.1								3.8	6.1
VARBL													
CALM												.6	
	10.2	31.7	54.9	11.3	1.2	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 906

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE / MAC

# SURFACE WINDS

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

2736      LUCKLEY ANGB CO      69-70,77-50      JUN  
 STATION      STATION NAME      YEARS      MONTH  
 ALL WEATHER      900-1100  
 CLASS      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	3.2	3.3	.4	.1							6.0	6.1
NNE	1.7	1.4	1.5	.7								4.7	6.4
NE	.4	2.7	1.8	.2								5.1	6.2
ENE	.8	2.2	1.2	.4	.1							4.8	6.6
E	1.6	2.1	1.9	.8								6.3	6.5
ESE	1.2	1.5	1.3	.3								4.2	5.7
SE	1.7	1.4	1.6	.6								4.6	6.5
SSE	.9	1.3	1.2	1.3	.3							5.0	6.6
S	.8	2.4	2.0	1.7	.8	.7						4.3	9.8
SSW	.9	2.7	1.6	1.7	.6	.1	.1	.1				6.9	9.7
SW	1.1	2.4	1.4	1.2								5.3	6.8
WSW	1.7	2.4	1.5	.3								4.5	6.6
W	1.1	2.1	1.6	.3	.2							5.3	6.8
WNW	1.2	2.1	1.7	.4	.1							4.9	6.0
NW	1.8	1.7	.8	.1	.5	.1						4.8	6.0
NNW	1.4	2.7	2.1	.1	.1	.1						6.1	6.1
VARBL													
CALM												3.7	
	17.9	3.3	25.6	10.7	2.7	1.7	.1	.1				7.0	6.4

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)

23136  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70, 73-80  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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	1.9	3.6	2.7	1.0								9.0	6.5
NNE	.8	2.0	1.8									4.6	5.7
NE	.8	2.3	2.9	.3								6.3	6.6
ENE	1.0	2.7	3.1	1.0	.4							8.2	7.6
E	.9	2.7	4.9	1.2	.3	.1						10.1	8.2
ESE	.8	2.2	3.7	1.6	.1							8.3	8.0
SE	.6	1.9	2.3	.9	.3							6.0	8.2
SSE	.7	1.8	2.3	1.7	.4							6.9	9.0
S	.9	1.4	2.9	2.6	.9	.3	.2					9.2	11.2
SSW	.3	1.7	.6	.9	.2	.1						3.1	9.4
SW	.3	.9	.2	.8								2.2	7.9
WSW	.4	.3	.9	.2	.4	.1						2.4	10.2
W	.7	.8	.8	.2	.1	.2						2.8	8.0
WNW	1.2	.7	1.3	.9	.1	.2						4.4	8.4
NW	.6	1.2	1.7	.3		.1	.1					4.0	8.3
NNW	.8	2.6	2.3	.6	.2	.1						6.6	7.3
VARBL													
CALM												5.8	
	12.4	28.0	34.3	14.1	3.7	1.3	.2	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/LMAC

# SURFACE WINDS

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

STATION 2730 LUCKLEY ANDR CO STATION NAME LUCKLEY ANDR CO YEARS 69-70, 73-80 MONTH JUN  
 CLASS ALL WEATHER HOURS (L.P.T.) 1530-1700  
 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	3.5	4.0	1.1	.2							2.6	7.4
NNE	.4	2.4	2.1	1.1								5.1	7.2
NE	.4	1.5	1.7	1.0	.2							7.1	7.8
ENE	.7	1.2	1.5	1.1	.2	.1						5.7	8.0
E	1.4	2.3	5.2	2.1	.2	.1						11.4	8.3
ESE	.7	2.1	2.0	1.8	.2	.1						7.4	8.7
SE	.4	.6	2.3	1.4	.6	.1	.2					5.7	11.2
SSE	.4	.5	1.2	3.6	1.6	.2	.1					7.0	12.7
S	1.2	1.4	1.2	2.0	1.6	.8						8.1	12.0
SSW	.1	1.2	.7	.6	.3	.3	.1					3.1	11.4
SW	.2	.5	.8	.6	.1	.1						2.7	8.9
WSW	.3	.7	.6	1.0	.2	.1						2.9	10.0
W	.4	1.1	1.4	.8	.8	.2						4.8	10.1
WNW	.5	1.1	1.1	.8								3.3	7.8
NW	.2	1.0	2.9	.4	.4							2.8	7.0
NNW	1.1	2.2	2.7	1.7		.1	.1					7.2	7.9
VARBL													
CALM												3.9	
	4.7	24.2	31.7	21.0	6.7	2.3	.6					12.0	8.9

TOTAL NUMBER OF OBSERVATIONS 200

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 2730 BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS JUN MONTH  
1800-2000 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	48-53	≥54	%	MEAN WIND SPEED
N	1.1	2.7	2.2	.7	.2							6.4	7.0
NNE	.8	1.1	1.6	.7	.1							4.2	7.1
NE	1.0	1.7	2.0	.4	.1							5.2	6.8
ENE	.9	1.4	1.9	1.0	.2							5.4	7.7
E	.8	4.4	2.1	1.7	.3	.1						9.4	7.6
ESE	1.3	2.2	2.7	.6	.4	.1						6.7	7.5
SE	.9	3.0	2.6	1.8	.4							8.7	8.1
SSE	1.2	2.2	3.0	2.3	.7							9.4	9.0
S	1.0	2.4	3.4	4.0	.9	.7	.1					12.6	10.6
SSW	.9	.7	1.0	.6		.2						3.3	7.8
SW	.2	.6	.6	.3	.1							1.8	8.2
WSW	.2	1.0	1.0	.7								2.9	7.7
W	.9	2.0	1.4	.9	.1							5.3	7.3
WNW	.3	.7	.8	.6	.1							2.4	8.2
NW	.4	1.0	.8	.7								2.9	7.2
NNW	.3	1.3	1.4	1.0	.3							4.4	8.7
VARBL													
CALM												8.8	
	12.3	26.0	27.8	17.8	4.1	1.1	.1					100.0	7.4

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 23336 BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS JUN MONTH  
 CLASS ALL WEATHER 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	1.1	1.2	1.4	.2								4.0	5.9
NNE	.7	.6	.2	.2		.1						1.8	6.5
NE	.8	.8	.4	.4								2.4	6.5
ENE	.1	.9	.8	.6								2.2	7.7
E	1.0	1.6	1.3	.6	.1							4.6	6.9
ESE	1.2	2.1	.8	.3	.1							4.6	5.6
SE	1.6	2.7	1.6	1.7	.2	.2	.1					9.0	8.0
SSE	.8	2.8	3.7	2.0	.4	.1						9.8	8.6
S	2.0	11.3	9.8	6.3	1.6	.9						31.9	8.8
SSW	1.3	2.6	3.1	1.2	.3							8.6	7.4
SVV	1.2	2.3	1.6	.4								5.6	5.9
WSW	.7	.6	.6	.4								2.2	6.6
W	.7	1.3	.9									2.9	5.2
WNW	.2	.2	.8	.1								1.3	7.4
NW	.4	.8	.9	.3								2.4	6.9
NNW	.4	.6	.6	.2								1.8	6.3
VARB													
CALM												6.0	
	14.2	32.1	28.3	15.1	2.8	1.3	.1					100.0	7.2

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)

27.36  
 STATION

MUCKLEY ANGB CO  
 STATION NAME

69-70,73-80  
 YEARS

JUN  
 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	1.2	2.1	2.2	.5	.1							6.1	6.5
NNE	.6	1.1	1.1	.4	.0	.0						3.2	6.8
NE	.5	1.3	1.2	.4	.1							3.5	6.8
ENE	.5	1.3	1.2	.5	.1	.0						3.7	7.3
E	.8	1.7	2.1	.6	.1	.1						5.8	7.5
ESE	1.0	1.5	1.5	.6	.1	.0						4.7	7.0
SE	.9	1.6	1.5	.8	.2	.0	.0					5.2	7.8
SSE	.7	1.8	2.1	1.7	.5	.1	.0					6.8	9.1
S	1.6	7.1	6.6	4.4	1.2	.5	.1					21.3	8.8
SSW	1.1	3.8	3.8	1.3	.2	.1	.0	.0				10.4	7.4
SW	.9	2.1	1.5	.6	.1	.0						5.1	6.5
WSW	.7	1.2	.9	.4	.1	.0						3.3	6.8
W	.8	1.5	1.0	.3	.2	.1						3.9	6.9
WNW	.7	1.0	.7	.4	.1	.0						2.9	6.9
NW	.6	1.2	1.0	.3	.1	.0		.0				3.2	7.0
NNW	.6	1.5	1.4	.5	.1	.0	.0					4.4	6.9
VARB													
CALM												6.5	
	13.4	32.1	29.9	13.9	3.1	1.0	.2	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

4

23036      BUCKLEY ANGB CO      69-70,73-80      JUL

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      0000-0200

CLASS      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	48-53	≥54	%	MEAN WIND SPEED
N	.3	.4	1.0									1.7	6.2
NNE	.3	.2	.2	.1								.9	5.9
NE	.1	.4	.3			.1						1.0	8.0
ENE	.2	.3										.5	3.8
E	.4	.9	.4									1.7	5.1
ESE	.9	.5	.8	.1								2.3	5.4
SE	.4	2.2	.6	.4								3.7	6.3
SSE	1.3	2.6	2.4	.5	.1							6.9	6.5
S	3.9	15.7	14.2	7.6	1.8							43.2	8.0
SSW	1.9	6.2	5.6	2.4	.1							16.2	6.9
SW	1.5	2.6	1.5	.2								5.8	5.4
WSW	.9	1.5	.5									2.9	4.6
W	.9	1.1	.1	.1								2.2	4.3
WNW	.2	.8	.2	.1								1.3	5.4
NW	.8	.3	.1		.1							1.3	5.3
NNW	.5	.4	.4									1.4	4.8
VARBL													
CALM												7.1	
	14.5	36.1	28.4	11.6	2.2	.1						100.0	6.5

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 23036 STATION NAME BUCKLEY ANGB CO YEARS 69-70, 73-80 MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 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	.6	.3									1.6	4.6
NNE	.2	.2	.2									.6	5.5
NE	.1	.3		.1								.5	5.4
ENE	.2	.1	.2									.5	5.2
E	.4	.6										1.1	3.6
ESE	.2	.4	.1	.2								1.1	6.4
SE	.4	.6	.6									1.7	5.5
SSE	.9	1.7	.8		.1							3.4	5.9
S	4.1	15.2	12.8	6.0	.2							38.3	7.2
SSW	3.9	9.4	7.5	1.6								22.4	6.2
SW	2.3	4.5	2.1		.1							8.9	5.0
WSW	1.3	1.6	.4									3.3	4.3
W	.9	1.5	.3									2.7	4.2
WNW	.5	1.1										1.6	3.7
NW	.6	.6	.8									2.0	5.2
NNW	.3	.3	.1	.1								.9	5.4
VARBL													
CALM												9.2	
	17.1	38.9	26.2	8.1	.4							170.0	5.6

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 23-36 STATION NAME HUCKLEY ANGB CO YEARS 69-70,73-80 MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
 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	1.6	1.5	.2								3.8	6.6
NNE	.1	.4	.4									1.0	5.4
NE	.2	.4	.3									1.0	5.7
ENE	.4	.1	.2									.8	4.3
E	.5	.6	.1									1.3	4.1
ESE	.3	.2	.2									.8	4.4
SE	.5	.6	.1									1.5	4.3
SSE	.1	.8	.3	.1								1.3	6.4
S	2.5	5.6	5.5	1.8	.3							15.7	7.1
SSW	2.3	5.9	9.8	1.9	.1							20.0	7.3
SW	2.4	9.1	6.3	.6								18.4	6.2
WSW	1.7	4.9	1.8	.1								8.6	5.1
W	2.5	4.6	1.2									8.3	4.6
WNW	2.2	1.6	.2									4.0	3.6
NW	1.0	1.4	.4									2.8	4.7
NNW	.6	1.4	1.0	.1								3.1	5.8
VABL													
CALM												8.1	
	17.7	39.4	29.5	4.9	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23436 STATION NAME BUCKLEY ANGB CO YEARS 69-70,73-80 MONTH JUL  
 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	3.0	5.2	3.3	.6								12.2	5.6
NNE	1.7	2.3	1.8	.2								6.0	5.6
NE	1.5	1.6	2.8	.2								5.9	6.3
ENE	1.3	1.6	1.0	.3								4.2	5.3
E	1.7	2.3	1.6									5.6	5.2
ESE	.6	1.4	.8									2.8	5.0
SE	.8	1.3	.4									2.5	4.7
SSE	.9	.5	.4	.6								2.5	6.7
S	1.8	2.7	1.6	1.4								7.5	6.9
SSW	1.3	1.8	1.2	.4								4.7	6.0
SW	1.5	1.8	1.6	1.2	.1							6.2	6.8
WSW	2.2	1.1	1.0									4.2	4.1
W	3.1	1.6	.3									5.1	3.6
WNW	1.9	2.0	1.0									4.9	4.3
NW	1.9	3.3	1.6	.1								7.0	5.0
NNW	2.8	2.5	1.2	.1								6.6	4.6
VARBL													
CALM												12.2	
	27.8	33.0	21.6	5.3	.1							100.0	4.8

TOT:1 NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70,73-80  
 YEARS

JUL  
 MONTH  
 1200-1400  
 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	1.4	2.7	4.8	1.4								10.3	7.4
NNE	1.5	2.3	3.3	.8								7.8	6.8
NE	1.4	3.0	4.2	.4								9.0	6.5
ENE	1.2	3.3	4.2	.8								9.5	6.8
E	.9	5.1	4.8	1.0								11.6	6.9
ESE	1.0	2.8	2.3	.4		.1						6.6	6.6
SE	.8	1.8	1.7	.4	.3							5.1	7.2
SSE	1.2	1.7	1.7	.6	.1							5.4	6.8
S	1.0	1.2	2.0	1.0	.3							5.5	8.1
SSW	.3	.4	.8	.5	.1							2.2	9.0
SW	.6	.5	.3	.4	.1							2.0	7.4
WSW	.8	.3	.3	.2								1.6	6.0
W	.6	1.3	1.0		.1	.1						3.1	6.6
WNW	.4	.9	1.1	.1								2.5	6.3
NW	.5	1.4	1.0	.4	.3							3.7	7.6
NNW	1.2	2.8	2.6	.4	.2							7.2	6.7
VARBL													
CALM												7.0	
	14.6	31.5	36.1	3.9	1.6	.2						100.0	6.5

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)

23.36 BUCKLEY ANGB CO 69-70,73-80 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1500-1700  
CLASS 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	1.5	2.7	4.5	1.7	.1		.1					10.6	7.9
NNE	.3	1.4	1.7	1.1	.1							5.1	7.8
NE	.6	2.6	1.8	.6	.2							5.9	7.1
ENE	.9	2.9	2.0	.5								6.3	6.4
E	1.9	3.1	3.2	1.2	.2	.1						9.8	7.3
ESE	.8	1.5	3.4	1.6								7.3	8.2
SE	.3	1.1	1.7	2.9	.5	.1						6.7	10.5
SSE	.3	1.3	1.8	1.7	.3	.2	.2					5.3	10.2
S	.6	1.6	2.2	2.3	1.7	.1	.1					7.8	10.5
SSW	.1	.4	.9	1.0	.6	.2						3.2	12.3
SW	.2	.5	.6	1.1	.2	.3						3.0	11.4
WSW	.5	.5	.8	.5								2.5	7.3
W	.8	1.0	1.7	1.2	.1	.1						4.8	8.4
WNW	.1	.6	1.5	.1								2.4	7.5
NW	1.1	1.0	1.1	1.1		.2						4.4	8.2
NNW	.8	2.4	3.3	1.9		.2						5.6	8.7
VARBL													
CALM												5.2	
	11.7	24.7	32.4	20.5	3.4	1.6	.4					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/LMAC

# SURFACE WINDS

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

STATION: 23030 STATION NAME: MUCKLEY ANGB CO YEARS: 69-70, 73-80 MONTH: JUL  
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-2000  
 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	2.9	2.8	1.1		.1		.1				7.7	7.8
NNE	.9	.8	.5	.3								2.5	5.9
NE	.4	1.4	1.7	.9	.2							4.6	8.5
NNE	.6	1.8	1.6	1.1								5.2	7.3
E	1.7	3.1	1.5	.8	.4							7.5	6.6
ESE	1.5	1.4	2.0	1.3	.1	.1						6.6	7.5
SE	1.0	1.8	2.9	2.7	.5	.1						9.0	9.2
SSE	.7	2.4	2.4	.8	.3	.2						5.9	8.1
S	.8	2.5	4.6	3.4	1.2	.2	.1					12.8	10.2
SSW	.3	1.3	1.7	.8								4.3	7.6
SW	.5	1.2	2.7	1.1	.4		.1					5.4	9.6
WSW	.5	1.1	1.1	.5								3.1	6.7
W	1.1	1.3	1.5	.2	.1							4.2	6.4
WNW	.6	1.1	1.0	.6								3.3	7.2
NW	1.1	1.1	1.3	.1	.1							3.5	6.3
NNW	1.1	1.3	.9	.6								3.9	6.5
VARBL													
CALM												9.5	
	13.8	26.2	29.8	10.2	3.4	.3	.2	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930



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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23036 STATION NAME BUCKLEY ANGB CO YEARS 69-70, 73-80 MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	.9	.3	.6	.1								1.9	5.8
NNE	.6	.6	.2	.2								1.7	5.7
NE	.3	.8	.6	.1								1.8	6.4
NNE	.1	.6	.6	.1								1.5	6.5
E	.8	1.4	1.9	.5		.1						4.7	7.0
ESE	1.0	1.8	1.2	.6	.1							4.7	6.7
SE	1.7	2.4	1.7	.9	.6							7.3	7.3
SSE	.9	3.4	4.6	1.5	.2	.2						10.9	8.0
S	3.9	8.1	9.9	6.6	.9	.1						29.4	8.2
SSW	1.8	4.3	5.5	1.2	.2							13.0	7.2
SW	1.6	2.9	1.4	.5								6.5	5.8
WSW	1.2	.9	.8	.3								3.1	5.7
W	.8	.4	.5	.1								1.8	5.6
WNW	.2	.6	.6									1.5	5.6
NW	.8	.5	.1									1.4	3.8
NNW	.6	.5	.3									1.5	4.4
VARBL													
CALM												7.2	
	17.1	29.7	30.8	12.8	2.0	.4						100.0	6.7

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)

23136 STATION BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS JUL MONTH ALL HOUR (L.P.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	1.1	2.1	2.4	.6	.0	.0	.0	.0				6.2	6.9
NNE	.8	1.0	1.1	.3	.0	.0						3.2	6.4
NE	.6	1.3	1.5	.3	.1	.0						3.7	6.9
ENE	.6	1.4	1.2	.3								3.6	6.4
E	1.0	2.1	1.7	.4	.1	.0						5.4	6.5
ESE	.9	1.3	1.3	.5	.0	.0						4.0	6.9
SE	.7	1.5	1.2	.6	.3	.0						4.7	7.9
SSE	.8	1.8	1.8	.7	.1	.1	.0					5.4	7.6
S	2.3	6.6	6.6	3.8	.7	.1	.0					20.0	8.0
SSW	1.5	3.7	4.1	1.2	.1	.0						10.8	7.1
SW	1.3	2.9	2.0	.6	.1	.0	.0					7.0	6.6
WSW	1.1	1.5	.8	.2								3.7	5.3
W	1.3	1.6	.8	.2	.0	.0						4.0	5.5
WNW	.8	1.1	.7	.1								2.7	5.3
NW	1.0	1.2	.8	.2	.1	.0						3.3	6.0
NNW	1.0	1.5	1.2	.4	.0	.0						4.1	6.5
VARB													
CALM												8.2	
	16.8	32.4	29.3	11.0	1.7	.4	.1	.0				100.0	6.4

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)

23-36 STATION BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS AUG MONTH  
0000-0200 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	.9	.4	.3	.1								1.7	4.7
NNE	.2	.8	.5	.1								1.6	6.3
NE	.2		.1	.1								.4	7.3
NNE	.4	.6										1.1	3.7
E	.9	.9	.3									2.0	3.9
ESE	.8	.9	.3	.2								2.2	5.2
SE	.3	1.4	.9	.4								3.0	6.7
ESE	1.1	4.8	2.6	.5	.1							9.1	6.4
E	3.4	16.6	12.1	8.1	1.6	.5						42.3	8.1
SSW	1.8	7.5	5.5	2.3								17.1	6.8
SW	1.3	1.5	1.5	.3								4.6	5.9
WSW	.6	1.3	.2	.1								2.3	5.1
W	.5	.8	.1									1.4	3.9
WNW	.5	.9	.2									1.6	4.6
NW	.1	.3	.2									.6	5.5
NNW	.9	.4	.5									1.8	4.2
VARIABLE													
CALM												7.0	
	14.0	39.1	25.4	12.3	1.7	.5						100.0	6.4

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)

23036 STATION BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS AUG MONTH  
ALL WEATHER CLASS 0300-0500 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	.4	.3								2.5	5.7
NNE	.1		.1									.2	6.5
NE	.1	.2	.3									.6	6.3
NNE	.3	.5	.3									1.2	5.4
E	.8	.5	.2	.1								1.6	4.5
ESE	.5	.6	.4	.2								1.8	5.8
SE	.9	1.2	.4	.1								2.6	4.6
SSE	1.1	2.4	1.8									5.3	5.7
S	4.2	16.8	11.6	3.8	.6							37.0	6.8
SSW	2.7	10.1	8.7	1.2								22.7	6.2
SW	1.6	3.5	2.2									7.3	5.2
WSW	.4	1.2	.3	.1								2.0	5.5
W	.4	.9	.3									1.6	4.3
WW		.9	.1									1.0	5.0
NW	.2	.6	.4		.1							1.4	6.5
NNW	.8	.9	1.0									2.6	5.6
VARBL													
CALM												8.6	
	14.6	41.5	28.7	5.8	.8							100.0	5.6

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)

23036 STATION BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS AUG MONTH

ALL WEATHER  
 CLASS

0600-0800  
 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	.9	.9	1.6	.1								3.4	6.2
NNE	.3	.3	.3	.1								1.1	6.1
NE	.1	.5	.5									1.2	6.0
ENE	.4	.2	.1									.8	4.1
E	.8	.6	.3									1.7	4.3
ESE	.2	.5	.1									.9	4.4
SE	.6	.4	.5	.3								1.9	6.6
SSE	.5	1.9	1.2	.2	.1							4.0	6.3
S	2.4	9.1	6.2	1.6	.3	.1						19.8	6.7
SSW	2.7	9.1	10.0	2.2								24.0	6.8
SW	2.7	5.8	5.6	.3								14.4	5.8
WSW	2.0	3.6	2.0									7.6	5.0
W	1.2	2.2	1.0									4.3	4.7
WNW	.9	1.3	.3		.1							2.6	4.9
NW	.9	1.2	.6									2.7	5.0
NNW	.4	1.2	.3	.2								2.2	5.7
VARIABLE													
CALM												7.4	
	17.0	39.0	30.9	5.1	.5	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 929

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23036 DUCKLEY ANGB CO 69-70,73-80 AUG  
STATION STATION NAME YEARS MONTH  
 ALL WEATHER 0900-1100  
CLASS 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	4.0	2.8									8.5	5.5
NNE	1.2	2.5	.8	.2								4.6	5.3
NE	.6	1.5	1.2	.2								3.5	5.9
NNE	1.0	3.1	1.0									5.1	5.1
E	1.7	1.8	1.1	.3								4.9	5.1
ESE	.5	.9	.5	.4								2.4	6.3
SE	.6	1.4	.8	.1								2.9	5.6
ESE	.5	.6	1.0									2.2	5.9
S	2.0	2.3	1.5	1.0								7.1	6.2
SSW	1.2	2.0	2.3	1.6	.2							7.3	7.8
SW	1.9	3.1	2.7	1.0								8.7	6.3
WSW	2.3	3.5	1.0	.4								7.2	5.1
W	3.1	3.9	1.0	.1								8.1	4.4
WNW	1.0	1.6	.8	.1								3.4	5.0
NW	2.2	2.6	1.1									5.8	4.4
NNW	1.8	3.1	2.2									7.1	5.3
VARBL													
CALM												11.2	
	23.4	38.0	21.7	5.5	.2							100.0	5.0

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)**

23036 STATION BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS AUG MONTH

ALL WEATHER CLASS

1200-1400 HOURS (L.O.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	1.3	4.5	4.3	.8	.1							11.0	6.7
NNE	1.9	3.0	2.7	.6								8.3	6.2
NE	1.1	2.8	3.9	.4								8.2	6.7
NNE	2.2	3.4	3.1	1.0								9.7	6.3
E	3.1	4.6	3.7	.4								11.8	5.6
ESE	1.1	2.3	2.0	.3								5.7	6.1
SE	.8	1.6	2.4	1.0								5.7	7.8
ESE	.2	1.5	1.1	.8	.1							3.7	8.1
S	1.5	2.5	1.3	.3								5.6	5.6
SSW	.4	1.1	1.0	.4								2.9	7.1
SW	.4	.9	.2	.2								1.7	5.9
WSW	.5	1.8	.4	.2								3.0	5.4
W	1.3	1.1	1.2	.2	.1							3.9	5.9
WNW	.9	1.6	.5	.2								3.2	5.2
NW	1.2	1.0	1.4	.3	.1							4.0	6.5
NNW	1.9	2.5	1.7	.2								6.3	5.1
VARB													
CALM												5.4	
	19.8	36.1	30.9	7.4	.4							100.0	5.9

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 23036 STATION NAME BUCKLEY ANGB CO YEARS 60-70, 73-80 MONTH AUG  
 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	≥64	%	MEAN WIND SPEED
N	1.2	2.8	4.2	1.0	.1							9.3	7.3
NNE	1.2	2.0	1.8	1.0								6.0	7.1
NE	1.1	3.3	2.8	.8								8.0	6.7
NNE	1.3	2.9	2.9	.2	.1							7.4	6.6
E	1.5	3.7	4.1	1.7	.2							11.2	7.1
ESE	1.0	1.4	3.3	1.1	.2							7.0	8.1
SE	.4	1.1	2.0	2.0	.1							5.7	9.2
ESE	1.4	1.2	2.2	2.3	.4	.2						7.6	9.2
S	.3	1.2	2.6	1.9	.2							6.2	9.5
SSW	.6	.4	.8	1.0	.1							2.9	8.1
SW	.2	1.3	.9	.4	.2							3.0	8.0
WSW	.5	1.1	1.6	.2		.1						3.6	7.1
W	.5	1.1	1.1	.9	.2		.1					3.9	8.8
WNW	.3	.6	1.7	.2	.1	.1	.1					3.2	9.3
NW	.3	1.2	2.6	.4	.2	.1						4.8	8.4
NNW	.9	1.1	3.2	.3	.2	.1		.1				5.9	8.2
VARIABLE													
CALM												4.2	
	17.8	26.4	37.8	15.4	2.3	.6	.2	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 929



4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23036 STATION      BUCKLEY ANGB CO STATION NAME      69-70,73-80 YEARS      AUG 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	1.7	1.4	2.2	1.0		.1						6.4	6.9
NNE	.5	1.4	1.2	.4	.1							3.7	7.0
NE	.5	1.7	1.2	.8	.1							4.3	7.4
ENE	1.0	1.7	1.2	.3	.1							4.3	6.3
E	2.2	4.3	2.3	1.0								9.7	6.0
ESE	1.9	3.1	2.7	.4								8.2	5.9
SE	1.0	2.4	4.0	1.5	.1							9.0	8.0
SSE	1.1	2.5	4.1	2.7	.4	.1						10.9	8.9
S	1.3	4.0	5.5	2.6	.2							13.6	7.9
SSW	.9	1.7	1.6	.6	.1							5.0	7.2
SW	.9	1.1	1.2	.3								3.5	6.4
WSW	.6	1.0	.9	.8	.1							3.3	7.5
W	.8	1.0	.6	.1								2.5	5.4
WNW	.5	.8	.6	.2								2.2	6.1
NW	.9	.8	.4	.2								2.3	5.7
NNW	.8	1.0	1.0	.3	.1	.1						3.2	7.1
VABSL													
CALM												9.1	
	16.5	29.8	30.6	13.3	1.4	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS      927

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

23036  
STATION

DUCKLEY ANGB CO  
STATION NAME

69-70, 73-80  
YEARS

AUG  
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	≥66	%	MEAN WIND SPEED
N	.6	.6	.9	.3	.1							2.6	7.5
NNE	.5	.2	.4	.1								1.3	5.3
NE	.4	.3		.1								.9	5.0
NNE	.1	.3	.6	.2	.1							1.4	9.0
E	.8	1.4	1.0	.4								3.6	6.0
ESE	1.1	1.0	1.0	.3								3.3	5.9
SE	1.6	3.3	1.9	.6	.2							7.8	6.3
SSE	1.2	4.9	3.8	2.4	.4	.1						12.7	8.0
S	2.9	11.3	9.9	5.9	1.2							31.3	8.1
SSW	1.4	5.3	5.6	.9								13.2	6.6
SW	1.3	1.7	1.3	.1								4.4	5.5
WSW	.6	.5	.3									1.5	4.2
W	1.0	1.3	.6	.2								3.1	5.3
WNW	.3	.5	.1									1.0	3.9
NW	.2	.6	.3	.1	.1							1.4	6.7
NNW	.8	.6	1.0	.1								2.5	5.7
VARS													
CALM												8.1	
	14.9	34.1	28.8	11.9	2.2	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

927

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23036 BUCKLEY ANGB CO 69-70,73-80 AUG  
STATION STATION NAME YEARS MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.O.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	2.0	2.1	.4	.0	.0						5.7	6.5
NNE	.8	1.3	1.0	.3	.0							3.4	6.3
NE	.5	1.3	1.3	.3	.0							3.4	6.6
NNE	.4	1.6	1.2	.2	.0							3.9	6.1
E	1.5	2.2	1.6	.5	.0							5.8	5.9
ESE	.9	1.7	1.3	.4	.0							3.9	6.4
SE	.8	1.6	1.6	.8	.1							4.8	7.2
SSE	.9	2.5	2.2	1.1	.2	.1						6.9	7.6
S	2.3	8.0	6.4	3.1	.5	.1						20.4	7.5
SSW	1.5	4.7	4.4	1.3	.1							11.9	6.8
SW	1.3	2.4	1.9	.3	.0							6.0	6.0
WSW	1.7	1.7	.8	.2	.0	.0						3.8	5.6
W	1.1	1.5	.7	.2	.0		.0					3.6	5.4
WNW	.6	1.0	.6	.1	.0	.0	.0					2.3	5.8
NW	.7	1.0	.9	.1	.1	.0						2.9	6.1
NNW	1.0	1.3	1.4	.1	.0	.0		.0				4.0	6.0
VARB													
CALM												7.5	
	16.6	35.5	29.4	9.6	1.2	.2	.0	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7431

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 23036 STATION NAME BUCKLEY ANGB CO YEARS 68-70, 73-79 MONTH SEP  
 CLASS ALL WEATHER HOURS (L.O.T.) 0000-0200  
 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	1.5	.9	.2								3.4	5.9
NNE	.4	.7	.6	.4								2.1	7.0
NE	.2	.2	.6									1.0	6.1
NNE	.4	1.0	.3									1.8	4.9
E	.9	1.2	.2	.1								2.4	4.5
ESE	.8	1.3	.3	.2								2.7	5.2
SE	.7	1.8	.7									3.1	5.2
SE	1.0	1.8	2.0	1.3	.2							6.3	8.0
S	2.2	15.2	11.9	6.8	1.0							37.1	7.7
SW	1.6	7.6	7.9	2.7								19.7	7.2
SW	.8	3.0	1.3	.4								5.6	5.9
WSW	.8	1.3	.3									2.4	4.3
W	.8	.9	.1									1.8	4.0
WNW	.2	.4	.2									.9	5.3
NW	.1	.7	.2	.1								1.1	6.7
NNW	.4	.7	1.0	.1								2.2	6.7
VABL													
CALM												6.3	
	12.1	39.3	28.6	12.4	1.2							100.0	6.5

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)

23036

BUCKLEY ANGB CO

68-70,73-79

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

3500-0500

CLASS

HOURS (L.G.V.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥66	%	MEAN WIND SPEED
N	.4	1.3	1.3	.2								3.3	6.5
NNE	1.0	.7	.9	.1								2.7	5.0
NE	.1	.7	.3									1.1	5.8
ENE	.3	.3	.2									.9	4.6
E	.3	.7	.1									1.1	4.0
ESE	.3	1.0	.7									2.0	5.3
SE	.7	1.3	1.1	.1								3.2	5.4
SSE	.4	2.0	2.1	.7	.2							5.4	7.5
S	2.6	17.4	12.3	3.2	.1	.2						35.9	6.9
SSW	1.3	10.7	9.6	1.2	.1							22.9	6.7
SW	.8	2.8	2.3	.1								6.0	6.0
WSW	.7	1.0	.7									2.3	5.3
W	.2	.4	.1	.1								.9	6.3
WWW	.3	.6		.1								1.0	5.0
NW	.4	.3	.3									1.1	5.2
NNW	.3	1.6	1.2	.2								3.3	6.4
VARB													
CALM												6.8	
	10.3	42.8	33.3	6.1	.4	.2						100.0	6.1

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)

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0600-0800  
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	.9	1.3	1.6	.3								4.1	6.2
NNE	.4	.8	.9	.2								2.3	6.6
NE	.3	.7	.3									1.3	5.2
NNE	.7		.3									1.0	4.6
E	.9	.9	.5	.2								2.6	5.1
ESE		.3	.3	.1								.8	8.4
SE	.3	1.0	.3									1.7	5.3
SSE	.2	1.2	.8	.6	.2	.1						3.1	8.6
S	3.8	8.4	6.1	2.9	1	.2						21.6	6.9
SSW	3.1	9.1	11.9	1.9								26.0	6.8
SW	1.7	5.3	7.3	.7								15.0	6.7
WSW	1.4	2.9	1.0	.3	.1							5.8	5.5
W	1.8	1.9	.4	.1								4.2	4.2
WNW	.3	1.0	.4									1.8	5.1
NW	.4	.9	.4									1.7	5.3
NNW	.1	.7	.2									1.0	5.0
VARB													
CALM												6.1	
	16.4	36.3	33.0	7.3	.4	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

4

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

2336 STATION BUCKLEY ANGB CO STATION NAME 68-70,73-79 YEARS SEP MONTH  
0900-1100 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	≥66	%	MEAN WIND SPEED
N	1.3	3.2	1.9	1.6								8.0	7.0
NNE	1.8	1.4	1.0	.4								4.7	5.4
NE	1.0	1.4	.6	.1								3.1	4.8
NNE	1.1	2.7	.9	.3								4.3	5.4
E	.7	1.7	1.3	.2								3.9	5.9
ESE	.6	.8	.8	.2								2.3	6.2
SE	.6	1.0	.1									1.7	4.6
SSE	.5	.8	.9	.1	.2							2.6	7.3
S	1.3	.9	1.3	.9	.1	.1						4.7	7.4
SSW	1.1	1.8	2.9	.6	.1	.1						6.6	7.3
SW	2.3	3.8	2.9	1.1	.1	.1						10.3	6.6
WSW	2.4	3.6	2.3	.2	.1							8.7	5.6
W	2.6	3.9	2.6	.1								9.1	5.0
WNW	1.9	2.7	1.1					.1				5.8	5.5
NW	1.9	2.6	1.1	.2			.1	.1				6.0	6.0
NNW	1.8	3.0	.7	.2	.1							5.8	5.0
VARBL													
CALM												12.5	
	22.9	34.5	22.4	6.3	.8	.3	.1	.2				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23836  
STATION

SUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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	1.6	4.1	4.3	.9								10.9	6.6
NNE	1.4	3.9	2.2	.8								8.3	6.1
NE	1.8	3.8	3.6	.7								9.8	6.2
ENE	1.2	3.9	2.9	.6								8.6	6.4
E	1.1	3.2	2.9									7.2	5.9
ESE	1.1	2.0	1.2	.3	.1							4.6	6.0
SE	.3	1.6	1.0	.4								3.3	7.0
SSE	.7	.8	1.4	.6	.2	.2						3.9	8.9
S	.2	1.2	1.3	.3	.7							3.8	9.3
SSW	.4	.8	.2	.4		.2						2.1	8.9
SW	.3	1.4	.7	.6	.1							3.1	7.1
WSW	.2	1.0	.3	.6								2.1	7.8
W	1.7	2.6	1.1	.6		.1	.1					6.1	6.3
WNW	.9	1.7	1.3	.7			.1	.1				4.8	7.9
NW	1.1	2.6	1.4	.4	.1		.1					5.8	6.7
NNW	.8	3.0	3.1	1.0		.1						8.0	7.2
VARBL													
CALM												7.3	
	14.9	37.5	29.1	8.8	1.2	.7	.1	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

899



4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70,73-79  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1500-1700  
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	≥66	%	MEAN WIND SPEED
N	1.0	3.4	2.7	1.6	.1							8.8	7.5
NNE	1.0	3.3	2.9	1.3								8.6	7.0
NE	1.7	3.0	3.1	.8	.1							8.7	6.6
NNE	1.2	3.4	3.3	1.0								9.0	6.9
E	1.3	3.8	5.1	.6	.1							10.9	6.7
ESE	.6	1.3	2.3	1.4								5.7	8.4
SE	.9	.6	1.3	1.0		.1						3.9	8.1
SSE	.1	1.0	1.2	1.4		.1	.3					4.2	11.4
S	.4	1.1	1.4	1.3	.6	.2						5.1	10.2
SSW	.7	.9	.9	.2	.1							2.6	6.5
SW	.3	.7	.4	.1	.2	.1						1.9	8.0
WSW	.8	.4	.9	.7	.2	.1						3.1	8.7
W	.9	1.4	2.0	.4	.1	.1						5.0	7.6
WNW	.3	.9	1.3	.4	.3	.1						3.4	9.0
NW	.4	1.7	2.3	.9								5.3	7.9
NNW	1.3	1.3	2.6	1.1								6.3	7.3
VARBL													
CALM												7.3	
	13.0	28.3	33.9	14.3	1.9	.9	.3					100.0	7.2

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)

23036 DUCKLEY ANGB CO 68-70,73-79 SEP  
STATION STATION NAME YEARS MONTH  
 ALL WEATHER 1800-2000  
CLASS 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	1.3	1.7	1.6	.3	.1							5.0	6.2
NNE	.9	1.1	1.1	.8	.1							4.0	7.1
NE	.8	1.1	.9	.8	.1	.2						3.9	8.2
ENE	1.0	1.7	2.0	.4								5.1	6.5
E	3.2	3.1	1.3		.1							7.7	4.5
ESE	1.3	2.1	1.7	.6								5.7	6.1
SE	2.6	6.6	2.4	.7								12.2	5.6
SSE	1.1	4.4	2.9	1.7	.6							10.7	7.4
S	1.6	5.0	4.8	3.2	.9	.2						15.7	8.6
SSW	.3	1.8	1.4	.7	.1							4.3	7.7
SW	.6	.7	.9	.2		.1						2.4	7.1
WSW	.4	1.1	.6	.1								2.2	5.7
W	1.2	1.3	.8	.4	.1	.1						4.0	6.4
WNW	.3	.6	.7	.1	.1							1.8	7.2
NW	.6	.6	.9	.4	.1							2.6	7.5
NNW	.4	1.2	.7	.3	.1							2.8	6.7
VARB													
CALM												10.0	
	17.7	33.9	24.6	10.8	2.4	.7						100.0	6.1

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)**

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

SEP  
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	.2	.9	1.2	.3								2.7	7.4
NNE	.8	.7	.4	.2								2.1	5.8
NE	.2	.9	.4	.7								2.2	6.1
NNE	.4	1.1	.7	.4								2.7	7.0
E	.6	1.3	.7	.2								2.8	5.6
ESE	.9	1.2	.8									2.9	5.3
SE	1.4	3.1	1.8	.1	.1							6.6	5.6
SSE	1.1	3.6	2.6	1.7	.8							9.7	6.1
S	3.3	13.9	8.8	7.0	1.1	.3						34.5	6.0
SSW	1.1	5.5	6.1	1.9	.2							14.8	7.4
SW	.9	1.1	.9	.1								3.0	5.5
WSW	.9	.9	.3									2.0	4.1
W	.8	.6	.3									1.7	4.3
WNW	.7	.6	.7									1.9	5.3
NW	.3	.4	.3	.1								1.2	5.8
NNW	.4	.6	1.0	.2	.1							2.3	7.0
YARBL													
CALM												7.0	
	14.1	36.2	27.0	13.0	2.3	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70,73-79  
YEARS

SEP  
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	.9	2.2	1.9	.7	.0							5.8	6.7
NNE	1.0	1.6	1.3	.5	.0							4.3	6.3
NE	.8	1.5	1.2	.4	.0	.0						3.9	6.5
NNE	.8	1.7	1.3	.3								4.2	6.3
E	1.1	2.2	1.5	.2	.0							4.8	5.6
ESE	.7	1.3	1.0	.4	.0							3.3	6.4
SE	.9	2.1	1.1	.3	.0	.0						4.5	5.9
ESE	.7	1.9	1.7	1.0	.3	.1	.0					5.7	8.2
S	1.9	7.9	6.0	3.2	.6	.2						19.8	7.7
SSW	1.2	4.8	5.1	1.2	.1	.0						12.4	7.1
SW	1.0	2.3	2.1	.4	.1	.0						5.5	6.5
WSW	1.0	1.5	.8	.2	.1	.0						3.6	5.8
W	1.2	1.6	.9	.2	.0	.0	.0					4.1	5.7
WNW	.6	1.0	.7	.2	.1	.0	.0	.0				2.7	6.7
NW	.7	1.2	.9	.3	.0		.0	.0				3.1	6.7
NNW	.7	1.5	1.3	.4	.0	.0						4.0	6.6
VARBL													
CALM												7.9	
	15.2	36.1	29.0	9.9	1.3	.4	.1	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7197

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

23036 BUCKLEY ANGS CO 68-70, 73-79 OCT  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 0000-0200  
CLASS 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	≥64	%	MEAN WIND SPEED
N	.6	1.2	1.2	.6								3.7	7.1
NNE	.5	.5	1.1	.4	.1							2.7	7.6
NE	.9	1.0	.3	.1								2.3	5.3
NNE	.1	.9	.1	.1								1.1	5.5
E	.6	.9	.2									1.7	4.0
ESE	.8	.3	.3									1.8	4.2
SE	.9	1.8	1.0	.1								3.8	5.5
SSE	.5	2.6	1.5	.3								4.9	6.3
S	2.0	17.1	14.2	5.2								38.5	7.2
SSW	1.3	7.8	7.2	2.2								18.5	6.9
SW	1.0	2.3	.9	.1								4.2	5.3
WSW	.2	.5	.2	.1								1.1	5.3
W	.5	.5	.3									1.4	4.7
WNW	.2	.3	.5	.6	.1							1.8	9.6
NW	.3	1.0	.3	.2								1.8	6.3
NNW	.3	1.1	1.9	.2								3.5	7.0
YARBL													
CALM												7.2	
	10.9	40.1	31.3	10.3	.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70,73-79  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0300-0500  
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	1.5	1.2	.3								3.9	6.4
NNE	.3	1.5	.6	.3								2.8	6.1
NE	.1	.6	.2	.2		.1						1.3	8.2
NNE	.1	.1	.2									.4	5.8
E	.3	.8	.2									1.3	4.5
ESE	.3	.1	.2									1.3	4.8
SE	.9	1.0	.2									2.0	4.3
SSE	.1	1.9	1.3	.4								3.8	7.0
S	2.5	15.8	15.7	3.2								37.2	6.9
SSW	1.7	9.9	8.1	2.3								21.9	6.8
SW	1.5	2.8	.9	.2								5.4	5.0
WSW	.4	1.1	.1									1.6	3.8
W	.3	1.0	.5									1.8	5.5
WNW	.3	.5	.5	.5								1.7	7.3
NW	.2	.8	.5	.1	.2	.1						2.0	8.7
NNW	1.0	1.1	.9	.8								3.7	6.9
VARBL													
CALM												7.8	
	10.9	41.2	31.5	8.2	.2	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23036 BUCKLEY ANGB CO 68-70,73-79 OCT  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 0600-0800  
CLASS 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	48-53	≥54	%	MEAN WIND SPEED
N	.2	1.2	.5	1.3	.2							3.4	9.2
NNE	.5	.2	1.1	.2	.1							2.2	7.5
NE	.8	1.0	.2	.1								2.0	4.8
ENE	.4	.4	.1									1.0	3.4
E	.4	.3	.4									1.6	4.9
ESE	.6	.9	.3									1.8	4.9
SE	1.4	.6	.3									2.4	3.9
SSE	.8	1.0	1.2	.2								3.1	6.1
S	3.2	13.0	12.0	4.0	.2							32.5	6.9
SSW	2.2	7.7	10.4	2.0	.1							22.5	7.0
SW	.6	2.6	2.7	.1								6.0	6.3
WSW	1.5	.9	.5									2.9	4.1
W	.4	1.3	.6	.2		.1						2.7	6.8
WNW	1.0	1.0	.3	.1								2.4	4.3
NW	.8	1.0	.4	.4	.1							2.7	6.6
NNW	.4	.5	.5	.3								1.8	6.8
VARIABLE													
CALM												9.0	
	15.3	34.0	31.8	9.0	.8	.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 23036    BUCKLEY ANGB CO    STATION NAME    68-70,73-79    YEARS    OCT    MONTH  
 CLASS ALL WEATHER    0900-1100    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	1.6	1.7	1.3	.3							5.9	8.1
NNE	.6	1.0	1.6	.6	.2	.1						4.2	8.6
NE	.6	1.0	.9	.8	.1							3.3	7.8
NNE	.6	1.7	1.0	.2								3.5	6.0
E	.5	1.6	1.3	.4								3.9	6.6
ESE	.6	1.2	.5	.1								2.5	5.3
SE	.5	.9	.6	.1								2.2	5.8
ESE	.6	.8	.6	.1								2.2	5.6
S	1.6	3.0	4.1	1.6	.5	.2						11.1	7.9
SSW	1.6	3.5	7.7	2.4	.5							15.8	8.2
S	1.4	4.3	3.1	.3	.2	.2						9.6	6.8
WSW	1.9	2.8	1.2	.1	.1	.1						6.2	5.4
W	1.5	1.8	1.0	.2	.2	.2						4.9	6.7
WWW	1.3	1.6	.6	.8	.2	.1						4.6	7.4
NW	1.4	1.7	1.0	.3	.1	.1						4.6	6.3
NNW	1.2	1.0	2.4	.9	.1	.1						5.6	7.8
VARB													
CALM												9.9	
	17.2	22.5	29.4	10.2	2.7	1.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930



4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23036 STATION BUCKLEY ANGB CO STATION NAME 68-70,73-79 YEARS OCT MONTH  
1200-1400 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	48-53	≥56	%	MEAN WIND SPEED
N	1.9	4.4	4.5	2.8	.8							14.4	8.0
NNE	1.7	2.0	2.5	.6	.1							7.0	6.7
NE	1.5	2.7	2.4	.4								7.0	6.0
NNE	1.8	3.2	2.4	.3								7.7	5.8
E	1.6	4.6	1.3	.6								6.2	5.7
ESE	1.8	2.8	.9	.1								5.6	4.8
SE	1.2	1.4	.9	.3								3.8	5.3
SSE	.4	1.0	1.3	.3	.1	.1						3.2	7.8
S	1.7	2.6	1.8	.6	.5	.2						7.7	7.8
SSW	.9	.4	1.3	1.5	.4							4.4	9.9
SW	.6	.9	.4	.6								2.6	6.6
WSW	1.3	1.2	.5	.2								3.2	4.7
W	.8	1.6	.8	.5								3.7	6.1
WNW	.8	1.0	.4	.9	.1							3.1	7.3
NW	.9	1.9	1.7	1.2	.2		.1					6.0	8.4
NNW	.5	2.4	1.2	.9	.2							5.8	7.7
VARS													
CALM												5.6	
	19.4	34.1	24.8	12.0	2.7	.3	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23336 STATION      BUCKLEY ANGB CO STATION NAME      68-70,73-79 YEARS      OCT MONTH  
 ALL WEATHER CLASS      1500-1700 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	4.5	3.5	.6	.6		.1					10.9	7.2
NNE	1.6	1.7	1.7	1.6	.4							7.1	7.8
NE	1.7	3.7	2.0	.3	.1	.2						8.1	6.4
ENE	1.9	5.6	3.2	.3								11.1	5.7
E	3.1	4.7	3.5	.8								12.2	5.6
ESE	1.9	2.6	1.8	.1								6.5	5.1
SE	.9	1.9	1.0	1.0								4.7	7.0
SSE	.9	1.6	1.5	1.3		.1						5.4	8.0
S	1.1	2.3	.9	.9	.3	.2						5.6	8.1
SSW	.5	1.0	.9	.8	.5	.1						3.6	9.7
SW	.5	.1	.4	.1								1.2	5.7
WSW	.5	.2	.2									1.0	4.1
W	.5	.5	.4	.3								1.8	6.1
WW	.5	1.1	.6	.3								2.6	6.0
WNW	.6	1.7	1.5	.8	.2	.1						4.2	8.7
NW	1.1	1.8	1.8	1.0	.3							6.0	7.8
VARBL													
CALA												8.1	
	16.9	34.3	25.2	10.1	2.6	.8	.1					100.0	6.3

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)

23036 WUCKLEY ANGB CO 68-70,73-79 OCT  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1800-2000  
CLASS 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	1.1	1.9	.9	.1	.3						5.5	8.6
NNE	.5	.9	.6	1.0	.1							3.1	8.6
NE	1.0	1.1	1.3	.6								4.0	6.8
NNE	1.2	.8	1.0	.3								3.2	5.7
E	2.2	2.9	.6	.1	.1							5.9	4.5
ESE	1.2	3.5	1.0									5.7	4.9
SE	1.9	5.7	2.9	.9								11.4	5.9
SSE	1.4	4.8	3.5	1.3	.2							11.3	6.9
S	1.5	7.8	6.7	3.8	.3							20.1	7.7
SSW	.9	3.2	2.2	.6	.1							7.0	6.7
SW	.8	.5	.3	.4								2.0	6.4
WSW	.4	.4	.6									1.5	5.6
W	.6	1.2										1.8	4.0
WW	.3	1.2	1.1	.2								2.8	6.7
NW	.8	.9	.3									1.9	4.1
NNW	.6	1.6	.8	.2	.1	.1						3.4	6.9
VARB													
CALA												9.2	
	16.5	37.6	24.8	10.3	1.1	.4						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)

22036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

OCT  
MONTH  
 2100-2300  
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	.3	1.2	1.3	.9	.1	.1						3.9	8.6
NNE	.5	.9	1.0	.8	.2							3.3	8.4
NE	.4	.6	.4	.4								1.9	6.9
NNE	.2	.5	.3									1.1	5.5
E	1.0	.6	.5	.2								2.4	5.3
ESE	.5	.9	.3									1.8	4.2
SE	.9	1.8	1.2	.6								4.8	6.3
ESE	1.0	4.1	1.3	.5								6.9	6.1
S	3.4	15.7	13.2	5.1	1.2							38.6	7.4
SSW	1.1	5.9	6.8	1.8								15.6	7.2
SW	.8	2.0	1.0	.1		.1						4.0	6.0
WSW	.3	.5	.3	.2								1.4	6.2
W	.3	.4	.6									1.4	5.5
WNW	.3	.4	.5	.3								1.6	7.4
NW	.3	.4	.2	.2								1.2	6.2
NNW	.6	1.0	.8	.5	.2							3.1	7.4
VARIABLE													
CALM												7.3	
	12.2	37.1	29.8	11.7	1.7	.2						100.0	6.5

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)

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

OCT  
MONTH  
 ALL  
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	.9	2.1	2.0	1.1	.3	.1	.0					6.4	7.9
NNE	.8	1.1	1.3	.7	.2	.0						4.0	7.6
NE	.9	1.5	1.0	.4	.3	.0						3.7	6.4
NNE	.8	1.6	1.0	.2								3.6	5.7
E	1.2	2.1	1.0	.3	.0							4.6	5.4
ESE	1.0	1.7	.7	.0								3.4	4.9
SE	1.1	1.9	1.0	.4								4.3	5.7
SSE	.7	2.2	1.5	.6	.0	.0						5.1	6.8
S	2.1	9.7	8.6	3.0	.4	.1						23.9	7.3
SSW	1.2	4.9	5.6	1.7	.2	.0						13.7	7.3
SW	.9	1.9	1.2	.3	.0	.0						4.4	6.1
WSW	.8	1.7	.5	.1	.0	.0						2.4	5.0
W	.6	1.7	.5	.2	.0	.0						2.4	5.9
WWW	.6	.9	.6	.4	.1	.0						2.6	7.0
NW	.7	1.1	.8	.4	.1	.0	.0					3.1	7.3
NNW	.7	1.3	1.4	.6	.1	.7						4.1	7.4
VARI													
CALM												3.1	
	15.1	36.0	28.6	10.2	1.5	.4	.0					100.0	6.2

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)

STATION 23036 STATION NAME BUCKLEY ANGB CO YEARS 68-70,73-79 MONTH NOV  
 CLASS ALL WEATHER MONTH 0000-0200  
 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	.8	1.9	1.3	.8								4.8	6.8
NNE	.6	.9	1.0	.2	.1							2.8	6.9
NE	.3	.8	.1	.2								1.4	5.6
NNE	.2	.8	.7									1.7	5.5
E	.2	1.7	.3									2.2	5.1
ESE	.2	.3	.2									.8	5.1
SE	1.0	.8	.4	.3								2.6	5.4
ESE	.9	1.8	1.4	.3								4.4	6.2
S	4.3	18.8	13.0	5.6	.2	.1						42.0	7.0
SSW	1.6	4.7	6.0	1.1								13.3	6.8
SW	1.0	1.9	1.2	.2								4.3	5.7
WSW	.7	.7	.2	.1								1.7	4.8
W	.6	.6	.9	.1	.1							2.2	7.0
WNW	.8	.6	.2	.6		.1						2.2	7.6
NW	.4	.4	.2	.7	.1							1.9	8.2
NNW	.4	.6	.1	.1		.2	.1					1.6	9.6
VARBL													
CALM												10.1	
	14.0	37.0	27.4	10.3	.6	.4	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

4

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23036 STATION NAME BUCKLEY ANGB CO YEARS 68-70, 73-79 MONTH NOV  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 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	.8	1.2	1.0		.2	.2					3.8	10.6
NNE	.4	.7	.1	.1	.2	.3						1.9	10.4
NE	.1	1.0	.1									1.2	4.4
NNE	.8	.7	.3									1.8	4.6
E	.8	1.2	1.1									3.1	5.3
ESE	1.0	1.0										2.0	3.4
SE	.4	1.4	.2	.2								2.3	5.2
SSE	.8	2.4	.2	.4								3.9	5.3
S	5.0	17.1	13.1	5.4	.1							40.8	6.7
SSW	1.2	4.7	7.6	1.6								14.3	7.3
SW	1.6	1.7	1.2	.3								4.8	5.3
WSW	.2	1.0	.4	.2								1.9	6.2
W	.4	.8	.3	.3								1.9	6.3
WNW	.8	.3	.2	.2	.6							2.1	8.8
NW	.6	.8	.3	.2								1.9	5.6
NNW	1.1	1.3	.4			.1						3.0	5.2
VARBL													
CALM												9.3	
	15.6	36.2	27.0	10.1	.9	.7	.2					100.0	6.0

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)

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0600-0800  
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	1.1	.4	.6	.8	.3	.2					3.9	12.1
NNE	.3	.9	1.1	.2	.1	.1						2.8	7.9
NE	.3	.8	.6	.2								1.9	6.8
NNE	1.1	.7	.1									1.8	3.8
E	1.2	1.1	.4									2.8	4.4
ESE	1.0	1.1	.7									2.8	4.7
SE	.9	2.0	.2									3.1	4.4
SSE	1.1	1.6	.4	.3								3.4	5.1
S	3.1	17.3	14.1	4.1	.4							39.1	6.9
SSW	1.9	5.4	5.7	2.2								15.2	7.0
SW	.9	2.0	1.1	.1	.1							4.2	5.9
WSW	.7	1.3	.6	.2								2.8	5.5
W	1.9	.2	.4	.2		.1						2.9	5.1
WNW	.4	.2		.2	.1	.1						1.1	9.2
NW	.1	.3		.2	.1							.8	9.0
NNW	.7	.3	.4	.1								1.6	4.9
VARBL													
CALM												9.9	
	16.0	36.4	26.3	8.8	1.7	.7	.2					100.0	6.0

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)

23036 BUCKLEY ANGB CO 68-70,73-79 NOV  
STATION STATION NAME YEAR MONTH

ALL WEATHER

CLASS

0900-1100  
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	1.3	2.4	2.3	1.0	.8	.3	.3					8.6	9.6
NNE	.4	.4	.6	.7	.1	.2						2.4	9.7
NE	.4	1.7	.9	.3								3.3	6.3
NNE	.6	.9	.7	.2								2.3	5.8
E	1.4	1.1	1.0	.2	.1							3.9	5.5
ESE	.6	1.9	.9	.7								4.0	6.8
SE	.9	.4	1.0	.4		.1						2.9	7.9
SSE	1.1	.9	.3	.1		.1						2.6	5.5
S	2.8	5.8	6.3	4.8	.3	.6						20.2	7.9
SSW	.9	4.4	5.8	1.9	.1							13.1	7.6
SW	2.0	3.3	2.6	.7								8.6	6.0
WSW	1.1	1.9	1.0	.3	.1		.1					4.6	6.8
W	1.9	2.1	.8	1.1	.6	.1						6.6	7.3
WWW	1.1	.6	.1	.2		.1						2.1	5.1
NW	.4	1.2	.2	.1	.1							2.1	6.0
NNW	.7	1.8	1.0	.2								3.7	5.8
VARB													
CALM												9.1	
	17.7	30.9	25.4	13.0	2.2	1.2	.4					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)**

23336  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

68-70, 73-79  
 YEARS

NOV  
 MONTH

ALL WEATHER  
 CLASS

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	2.6	3.1	3.6	1.4	.2	.3	.4	.1				11.8	8.4
NNE	1.3	2.2	2.7	.8	.6	.1						7.3	6.2
NE	1.2	2.3	2.3	.2	.2							6.3	6.5
NNE	1.6	2.3	2.3	.3								6.6	6.1
E	1.7	2.4	2.0	.7								6.4	6.3
ESE	1.3	2.0	1.2	1.1								5.7	6.7
SE	.6	1.7	1.3	1.1	.4	.1						5.2	9.1
SE	1.3	.9	1.2	.6	.1	.2						4.3	7.4
S	1.4	2.4	2.8	1.2	.4							8.3	7.7
SSW	.6	.8	1.0	.6	.1							3.0	7.7
SW	.9	.7	.9	.2								2.7	5.8
WSW	.4	.6	.4	.1	.1							1.7	6.5
W	.7	1.1	1.8	1.2	.3	.3						5.4	9.8
WNW	.9	.3	.8	1.7	.6	.3	.1					4.7	11.5
NW	1.3	1.3	.8	1.1	.2	.1						4.9	7.5
NNW	.3	1.7	.6	.9	.2	.1						4.2	8.1
VABL													
CALM												11.4	
	17.9	25.9	25.7	13.2	3.6	1.7	.6	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 500

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23036 STATION NAME BUCKLEY ANGB CO YEARS 68-70, 73-79 MONTH NOV  
 CLASS ALL WEATHER MONTH 1500-1700  
 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	1.7	4.4	3.0	1.2	.9	.4						11.7	8.2
NNE	1.4	2.7	1.8	.9	.2							7.0	6.8
NE	.9	2.1	1.7	.1								4.8	5.9
NNE	1.2	2.0	1.3	.9								5.4	6.4
E	2.9	2.4	2.8	.7	.1							8.9	5.9
ESE	1.9	1.8	1.4	.8	.1							6.0	6.1
SE	2.0	2.3	1.3	.7	.1							6.4	5.8
SSE	1.2	2.4	1.8	.9		.1						6.4	6.9
S	2.2	2.9	1.9	1.2	.3							8.6	6.8
SSW	.6	.8	.3	.2								1.9	5.8
SW	.4	.9	.1									1.4	4.4
WSW	.4	.4	.1	.1	.1							1.2	6.4
W	.3	1.3	.6	.4	.3	.1						3.1	8.7
WWW	.3	.3	1.7	2.1	1.0	.1						5.6	11.7
NW	.9	.6	1.1	.8								3.3	7.1
NNW	1.1	2.2	1.1	1.7								6.1	7.1
VARBL													
CALM												12.1	
	19.6	29.7	22.0	12.6	3.3	.7	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23036 BUCKLEY ANGB CO 68-70,73-79 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1800-2000  
CLASS 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	1.2	1.3	1.7	.2	.1						5.7	9.0
NNE	1.1	.9	1.2	.7								3.9	6.8
NE	.4	.9	.7	.2	.1							2.3	7.0
NNE	.8	1.1	1.0	.6								3.4	6.9
E	1.0	.8	1.2	.2								3.2	6.3
ESE	1.0	1.6	.7	.2								3.4	5.3
SE	1.4	3.9	2.3	.6	.1							8.3	6.1
SSE	1.7	3.0	2.6	.7	.3							8.2	6.8
S	3.6	9.3	6.2	3.2	.7							23.0	7.0
SSE	1.4	2.1	2.4	.6								6.6	6.2
SW	1.0	1.0	.7	.1	.1							2.9	5.6
WSW	.9	1.1	.3	.2	.1							2.7	5.7
W	1.2	1.3	.6									3.1	4.7
WNW	1.0	1.0	.8	.6	.2							3.6	7.1
NW	.8	.7	1.3									2.8	5.6
NNW	.4	1.0	.8	.4	.1							2.8	7.3
VARBL													
CALM												14.1	
	18.9	30.9	24.1	9.9	2.0	.1						100.0	5.7

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)

23036 BUCKLEY ANGB CO 68-70,73-79 NOV  
STATION STATION NAME YEARS MONTH  
 ALL WEATHER 2100-2300  
CLASS 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	2.2	1.6	1.0	.1							5.6	7.6
NNE	.1	.9	.6	.7								2.2	8.2
NE	.6	.6	.7	.1								1.9	5.7
NNE	.8	.7	.1		.1							1.7	4.9
E	.6	1.2	.4	.3								2.6	5.8
ESE	1.1	1.1		.6								2.8	5.0
SE	1.3	1.4	.8	.3	.1							4.0	5.5
SSE	1.3	2.0	2.1	.9	.2							6.6	7.3
S	3.6	14.8	11.9	4.3	.3							34.9	7.1
SSW	2.1	4.0	5.3	1.1								12.6	5.6
SW	.6	1.9	.8	.4								3.7	6.6
WSW	.9	1.2	.3	.1								2.6	4.7
W	.7	1.1	.3	.1								2.2	4.9
WNW	.2	.9	.8	.2								2.1	6.9
NW	.6	.6	.6	.1	.2							2.0	6.8
NNW	.2	.9	.3		.2							1.7	6.9
VARI													
CALM												11.1	
	15.2	35.4	26.6	10.3	1.3							100.0	5.9

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)

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

68-70,73-79  
 YEARS

NOV  
 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	1.1	2.2	1.8	1.1	.4	.2	.2	.0				7.0	8.8
NNE	.7	1.2	1.1	.5	.2	.1						3.8	7.8
NE	.5	1.3	.9	.2	.1							2.9	6.2
NNE	.9	1.1	.8	.2	.0							3.1	5.8
E	1.2	1.5	1.2	.3	.0							4.1	5.7
ESE	1.0	1.3	.6	.4	.0							3.4	5.7
SE	1.1	1.7	1.0	.5	.1	.0						4.4	6.3
SSE	1.2	1.9	1.3	.5	.1	.0	.0					5.0	6.5
S	3.2	11.1	8.7	3.7	.4	.0						27.1	7.1
SSW	1.3	3.3	4.3	1.2	.0							10.0	7.0
SW	1.0	1.7	1.1	.3	.0							4.1	5.7
WSW	.7	1.0	.4	.2	.1	.0						2.4	5.9
W	1.0	1.1	.7	.4	.2	.1						3.4	7.1
WNW	.7	.5	.6	.7	.3	.1	.0					2.9	9.2
NW	.6	.7	.6	.4	.1	.0						2.5	6.9
NNW	.7	1.2	.6	.4	.1	.1	.0					3.1	6.9
VARL													
CALA												10.9	
	16.1	32.8	25.6	11.0	2.9	.7	.2	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
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	1.5	1.2	.6	.8	.1							4.2	6.6
NNE	.3	.5	.5	.1								1.5	5.9
NE	.2	.6	.6	.1								1.6	6.5
ENE	.5	.6	.8	.1								2.1	5.8
E	1.0	.9	.3	.2								2.4	4.9
ESE	1.2	1.9	.1									3.2	4.1
SE	1.5	1.8	1.0	.3								4.7	5.3
SSE	1.3	1.6	.4	.1								3.5	4.6
S	2.2	16.7	10.2	6.1	.4							35.5	7.3
SSW	2.2	5.4	5.1	1.1		.2						14.0	6.7
SW	1.2	1.9	1.1	.6	.1							5.0	6.5
WSW	.6	.8	.8	.2								2.4	6.2
W	.5	2.1	1.2	.4	.2							4.4	7.2
WW	.2	1.0	.5	.2	.2	.1						2.3	8.7
NW	.6	1.1	.2	.1								2.1	4.6
NNW	.5	.9	.3	.2								1.9	5.9
VARB													
CALM												9.3	
	15.7	39.1	23.8	12.7	1.1	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23036  
 STATION

BUCKLEY ANG B CO  
 STATION NAME

68-70, 73-79  
 YEARS

DEC  
 MONTH

ALL WEATHER  
 CLASS

0300-0500  
 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	.6	1.1	.5	.6	.4	.1						3.4	8.9
NNE		.3	.3									.6	6.3
NE	.2	.6	.3	.4								1.6	7.3
NNE	.4	.3	.5	.2								1.5	6.6
E	.5	1.4	.1	.3								2.4	5.5
ESE	.5	.8	.4	.1								1.8	5.6
SE	1.3	2.1	1.2	.1								4.7	5.1
SE	.8	1.6	1.5									3.9	5.8
S	3.9	15.5	9.8	5.6	.5							35.4	7.0
SSW	1.7	5.2	4.9	1.9	.1							13.9	7.1
SW	1.0	3.2	1.6	.2								6.1	5.7
WSW	.9	1.5	.8	.1								3.2	5.1
W	1.3	.9	2.2	.2	.1	.2						4.9	7.2
WNW	.2	.6	1.0	.2	.2	.1						2.4	9.2
NW	.2	.9	.6	.5	.2							2.5	9.1
NNW	.9	.6	.2	.2								1.9	5.2
VARBL													
CALM												9.8	
	14.5	36.6	26.1	10.9	1.6	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

924



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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 23036 MUCKLEY ANGB CO STATION NAME 68-70.73-79 YEARS MONTH DEC  
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥66	%	MEAN WIND SPEED
N	.7	.5	.7	1.0								2.8	7.9
NNE	.5	.4	1.1	.1								2.2	6.5
NE	.1	.3	.2	.1	.1							.9	7.9
NNE		.3	.5	.2								1.1	9.0
E	.9	1.5	.5									2.9	4.6
ESE	.4	1.4	.8	.1								2.7	5.8
SE	1.0	2.9	1.3									5.2	5.3
SSE	.8	3.3	1.3	.7								6.0	6.1
S	4.1	12.7	10.1	6.1	.1							33.0	7.2
SSW	1.2	3.9	6.1	2.3								13.4	7.5
SW	1.6	2.5	.8	.3								5.2	5.0
WSW	.9	1.2	.9	.1								3.0	5.3
W	.9	2.2	1.0	.3	.1	.2						4.7	6.7
WNW	.3	1.1	.3	.9	.1			.1				2.8	9.0
NW	.8	.5	.2	.7	.3	.2	.1					2.5	10.0
NNW	.5	.3	.3	.2								1.4	6.4
VARB													
CALM												10.2	
	14.6	35.1	26.0	12.7	.8	.4	.1	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

STATION 23036 STATION NAME DUCKLEY ANGB CO YEARS 68-70, 73-79 MONTH DEC  
 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	.6	.5	1.2	1.1	.3		.1					3.9	10.3
NNE	.4	.4	.6	.8								2.3	8.4
NE	.3	.5	.2	.4								1.5	6.9
NNE	.1	.6	.4	.5								1.7	8.3
E	1.0	.5	.6	.5	.1							2.6	6.9
ESE	.5	.8	1.0	.8	.1							3.1	7.8
SE	1.7	1.5	1.4	.1								4.3	5.6
SSE	.6	1.7	1.3	.4	.1							4.3	6.5
S	2.2	5.6	8.2	7.4	.3							23.7	8.6
SSW	1.0	3.8	5.5	2.2	.1							12.6	7.8
SW	1.1	2.7	2.9	.6	.2							7.5	6.8
WSW	.4	1.5	2.2	.8								4.5	7.2
W	1.2	2.5	1.2	1.1	.3	.2						6.5	7.9
WNW	.6	1.0	.9	1.4	.9	.4						6.2	11.3
NW	.3	1.4	.8	.6	.3							3.5	8.5
NNW	.6	1.0	1.0	.8								3.4	7.3
VARI													
CALM												9.1	
	12.6	26.2	29.4	19.7	2.9	.6	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23036 BUCKLEY ANGB CO 58-70,73-79 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1200-1400  
CLASS 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	2.2	2.6	1.4	.5							9.3	8.0
NNE	.5	.9	1.1	.8	.1							3.4	7.8
NE	1.0	1.1	1.5	.6								4.2	6.8
ENE	.9	1.2	1.6	1.1	.1							4.9	7.8
E	1.4	2.1	1.5	.5	.1							5.6	6.2
ESE	.8	1.3	1.4	1.0								4.4	7.2
SE	.8	2.1	.9	1.0	.1							4.8	7.2
SSE	1.1	1.2	.5	.4	.1							3.4	6.2
S	2.1	2.3	4.3	1.5	.1							10.3	7.2
SSW	1.3	2.3	2.1	.9	.2							6.7	6.9
SW	1.4	1.4	1.3	.2	.1							4.4	5.7
WSW	.9	1.1	.9	.1	.1	.1						2.9	6.7
W	1.3	1.4	1.8	2.2	1.1	.2	.2					8.2	10.5
WNW	.9	1.3	1.1	1.7	1.2	.4						6.5	11.4
NW	.4	1.0	1.2	1.8	.4		.3					5.2	11.5
NNW	1.3	2.7	1.6	.5	.6	.1						6.9	7.4
VABL													
CALM												9.8	
	17.3	25.2	25.4	15.8	5.0	.9	.5					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 23036 STATION NAME: BUCKLEY ANGB CO YEARS: 68-70, 73-79 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	2.1	3.7	2.1	1.1	.3	.1						8.7	7.0
NNE	.3	1.0	.9	.7	.1							3.4	7.3
NE	.3	1.6	.7	.8								3.4	7.4
NNE	.8	2.3	1.8	.2	.1							5.2	6.4
E	2.2	2.7	1.0	.7								6.5	5.4
ESE	1.4	2.5	2.0	.9								6.7	6.5
SE	1.5	3.6	2.0	.3								7.4	5.6
SSE	.8	1.6	1.3	.5								4.2	6.5
S	2.2	3.4	3.4	1.1								10.0	6.5
SSW	.9	.8	.8	.3	.1							2.8	6.7
SW	.5	1.2	.5	.3								2.4	6.1
WSW	.5	.4	.7	.1	.2	.1						2.1	7.9
W	1.0	1.1	1.4	.9	.4	.3						5.1	9.5
WNW	1.2	.8	1.4	2.1	1.0	.3						6.7	10.9
NW	.4	1.6	2.5	1.1	.4							6.1	9.1
NNW	2.2	2.5	1.7	.5	.3	.2						7.5	6.5
VARBL													
CALM												12.0	
	18.6	29.8	23.9	11.5	3.0	1.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

**PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HCURLY OBSERVATIONS)**

23036 LUCKLEY ANGB CO 68-70,73-79 DEC  
 STATION NAME CLASS YEARS MONTH  
 ALL WEATHER  
 CLASS  
 CONDITION  
 1800-2000  
 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	1.1	1.0	.7	.1							3.7	7.4
NNE	.4	.4	1.0	.3								2.2	7.1
NE	.3	.7	.7	.3								2.0	7.0
ENE	.9	1.3	.8		.1							3.0	5.4
E	.2	1.8	1.2	.7								3.9	7.5
ESE	.9	2.5	.5	.4								4.3	5.6
SE	2.1	3.4	2.3	.5								8.3	5.7
SSE	.9	2.7	1.5	1.3								6.4	6.8
S	4.8	10.3	7.5	2.5	.4							25.5	6.4
SSW	1.8	2.8	3.0	1.0	.1							8.8	6.6
SW	1.8	1.1	1.0	.3	.3							4.6	6.1
WSW	.7	.7	1.2	.3	.2							3.0	7.5
W	1.4	1.4	1.3	.7								4.8	6.2
WNW	.8	1.4	1.1	.7	.3							4.2	7.9
NW	.8	.9	.5	.2								2.4	5.5
NNW	.7	1.1	.4		.1							2.3	5.6
VARB													
CALM												10.6	
	19.2	33.6	25.0	9.9	1.7							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 921

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23036 STATION NAME BUCKLEY ANGB CO YEARS 68-70, 73-79 MONTH DEC  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 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	.8	1.0	.4	1.0	.2							3.4	8.0
NNE	.5	1.0	.8									2.3	5.5
NE	.5	1.0	.3	.1	.1							2.1	5.9
NNE	.7	1.4	.2	.2								2.5	5.1
E	.9	1.1	.4	.2								2.6	4.8
ESE	.8	2.1	.3	.2								3.4	5.3
SE	1.6	2.4	.7	.3								5.0	5.1
SSE	1.4	3.3	.7	.8								6.1	5.5
S	3.3	14.0	10.2	5.3	.9	.3						34.0	7.4
SSW	1.2	4.1	5.6	1.4	.4							12.8	7.5
SW	1.2	2.0	1.3	.4								4.9	5.8
WSW	1.0	1.6	.9	.3		.1						3.9	6.0
W	.7	.8	.7	.8	.2	.1						3.1	6.5
WNW	.4	.4	.9	.7								2.4	6.2
NW	.1	.7	.4									1.2	6.3
NNW	.4	.4	.2		.1							1.2	6.2
VARB													
CALM												9.2	
	15.4	37.1	24.0	11.7	2.0	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

23036 HUCKLEY ANGB CO 68-73, 73-79 DEC  
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL  
CLASS 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	1.3	1.1	.9	.3	.1	.0					4.8	7.9
NNE	.4	.6	.8	.3	.0							2.2	7.0
NE	.4	.8	.6	.4	.0							2.2	6.9
ENE	.5	1.0	.8	.3	.0							2.7	6.7
E	1.0	1.5	.7	.4	.0							3.6	5.8
ESE	.8	1.7	.8	.4	.0							3.7	6.1
SE	1.4	2.5	1.3	.3	.0							5.5	5.6
SSE	1.7	2.1	1.1	.5	.0							4.7	6.0
S	3.1	10.0	8.0	4.4	.4	.0						28.9	7.3
SSW	1.4	3.5	4.1	1.4	.1	.0						10.6	7.2
SW	1.2	2.0	1.3	.4	.1							5.0	6.0
WSW	.7	1.1	1.0	.2	.1	.0						3.1	6.5
W	1.0	1.5	1.3	.8	.3	.2	.0					5.2	8.2
WNW	.6	.9	.9	1.0	.5	.2		.0				4.1	10.0
NW	.5	1.0	.8	.6	.2	.0	.1					3.2	8.8
NNW	.9	1.2	.7	.3	.1	.0						3.3	6.6
VARB													
CALM												10.0	
	16.0	32.8	25.5	12.8	2.2	.5	.1	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7384

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 23036 STATION NAME BUCKLEY ANGB CO YEARS 68-70,73-80 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	1.1	2.0	2.0	1.1	.3	.1	.0	.0				6.5	7.9
NNE	.7	1.2	1.1	.5	.1	.0	.0					3.6	7.2
NE	.6	1.3	1.1	.4	.1	.0						3.4	6.8
NNE	.7	1.3	1.1	.4	.0	.0						3.6	6.5
E	1.1	1.8	1.4	.5	.0	.0						4.9	6.3
ESE	.8	1.4	1.1	.4	.0	.0						3.7	6.5
SE	.9	1.9	1.3	.6	.1	.0	.0	.0				4.9	6.9
SSE	.8	2.0	1.6	.9	.2	.1	.0	.0				5.7	7.9
S	2.2	8.1	7.2	3.7	.7	.2	.0	.0				22.1	7.9
SSW	1.2	3.7	3.9	1.3	.2	.0	.0	.0				10.3	7.2
SW	1.0	2.0	1.4	.4	.1	.0	.0	.0				5.0	6.5
WSW	.8	1.3	.7	.2	.1	.0	.0					3.1	6.0
W	1.0	1.4	.9	.5	.2	.1	.0					4.1	7.0
WNW	.6	.9	.7	.6	.2	.1	.0	.0				3.0	8.2
NW	.6	1.0	.9	.4	.1	.0	.0	.0				3.2	7.5
NNW	.8	1.4	1.2	.5	.1	.0	.0	.0	.0	.0		4.0	7.4
VARB													
CALM												9.0	
	14.9	32.6	27.7	12.5	2.4	.8	.1	.0	.0	.0		100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 87579



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

23036 STATION BUCKLEY ANGB CO STATION NAME 68-70,73-80 YEARS ALL MONTH

INSTRUMENT CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,  
 CLASS

CONDITION AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL  
 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	2.7	4.9	7.5	5.5	1.8	.3	.1	.0				22.0	9.4
NNE	1.1	3.5	4.0	2.3	.3	.1						11.4	8.2
NE	1.1	3.2	2.6	1.4	.1							8.3	7.1
NNE	1.1	2.7	2.9	.7	.1	.0						7.5	6.8
E	1.0	2.4	2.3	.7	.1							6.4	6.6
ESE	.5	.9	.6	.3	.0							2.3	6.2
SE	.4	.4	.2	.2	.0	.0						1.3	6.5
SSE	.3	.2	.1	.0	.0							.6	5.2
S	.5	.3	.1									.8	3.8
SSW	.5	.5	.1		.0							1.1	4.2
SW	.6	.5		.0				.1				1.2	5.1
WSW	.7	.5	.1	.0								1.2	3.6
W	.9	1.5	.2	.0	.0							2.7	4.1
WNW	.8	1.4	.4	.1								2.7	5.0
NW	1.0	1.8	1.6	.5	.1	.0	.0	.0				5.0	7.0
NNW	1.5	3.3	3.7	2.4	.4	.3	.0	.1	.1			11.7	8.8
VARB													
CALM												12.8	
	14.5	28.0	26.4	14.1	2.9	.8	.2	.2	.1			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 5531

**U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER**

## **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 by 5 mile increments of visibility, versus visibility in 10 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 WWS 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	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ½	≥ 0	
≥ 1000																	
≥ 1500					91.0												92.6
≥ 1700																	
≥ 1800																	
≥ 900																	
≥ 600																	
≥ 700																	
≥ 600																	
≥ 500																	
≥ 400																	
≥ 300																	
≥ 200																	
≥ 100																	
≥ 0																	100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
 For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
 Ceiling  $\geq 300$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
 Visibility  $\geq 3$  miles = 91.0%.  
 Visibility  $\geq 2$  miles = 96.9%.  
 Visibility  $\geq 1$  mile = 98.9%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  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  $\geq 1500$  feet with  $> 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $> 1$  mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  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.

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2436 BUCKLEY ANGR CO

69-70.73-89

JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700  
 MOON 1111

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.6	69.8	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.5
≥ 20000	72.1	75.7	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.6	76.7
≥ 18000	73.1	75.7	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.6	76.7
≥ 16000	73.1	75.7	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.6	76.7
≥ 14000	73.1	76.2	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.1	77.2
≥ 12000	76.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0
≥ 10000	78.1	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.4	81.5
≥ 9000	78.1	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.4	81.5
≥ 8000	79.7	82.2	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	83.0	83.1
≥ 7000	79.9	82.4	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.2	83.3
≥ 6000	80.3	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.5	83.7
≥ 5000	80.3	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.8	83.9
≥ 4500	80.3	82.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.8	83.9
≥ 4000	81.2	84.0	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.2	85.3
≥ 3500	81.1	84.5	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.9	86.0
≥ 3000	81.8	85.2	85.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.8	86.9
≥ 2500	82.1	85.9	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.5	87.5	87.5	87.7	87.8
≥ 2000	82.9	86.6	87.1	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.5	88.6
≥ 1800	82.9	86.6	87.1	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.5	88.6
≥ 1500	83.2	87.1	87.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.9	89.0	89.0	89.0	89.4	89.4
≥ 1200	84.1	88.5	89.4	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8	90.8	91.3	91.4
≥ 1000	84.3	88.9	90.1	90.9	91.5	91.7	91.8	91.8	91.8	91.8	92.3	92.3	92.3	92.3	92.8	92.9
≥ 900	84.5	89.5	90.9	91.4	92.0	92.3	92.4	92.4	92.4	92.4	93.1	93.1	93.1	93.1	93.4	93.5
≥ 800	84.5	89.6	90.9	91.4	92.2	92.5	92.6	92.6	92.6	92.6	93.1	93.1	93.1	93.1	93.5	93.8
≥ 700	84.6	89.9	91.1	92.4	93.0	93.3	93.4	93.4	93.4	93.4	94.0	94.0	94.0	94.0	94.6	94.7
≥ 600	84.6	90.2	91.4	92.6	93.5	93.9	94.1	94.1	94.1	94.1	94.9	94.9	94.9	94.9	95.3	95.4
≥ 500	84.9	90.5	91.7	93.3	94.2	94.9	94.7	94.7	94.7	94.7	95.5	95.5	95.5	95.5	96.6	96.7
≥ 400	85.1	90.9	92.0	93.7	94.5	94.8	95.2	95.2	95.2	95.2	96.1	96.1	96.1	96.1	97.3	97.7
≥ 300	85.1	90.9	92.0	93.7	94.5	94.8	95.2	95.2	95.2	95.2	96.2	96.2	96.2	96.2	97.6	98.1
≥ 200	85.5	91.1	92.3	93.9	94.7	95.1	95.4	95.4	95.4	95.4	96.2	96.2	96.2	96.2	98.3	98.8
≥ 100	85.5	91.1	92.3	93.9	94.7	95.1	95.5	95.5	95.5	95.5	96.3	96.3	96.3	96.3	98.5	99.2
≥ 0	85.5	91.1	92.3	93.9	94.7	95.1	95.5	95.5	95.5	95.5	96.3	96.3	96.3	96.3	98.5	99.4

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

2136 STATION BUCKLEY ANGB CO 69-70.73-80 YEARS JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-2500  
ROOM 1111

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	65.4	58.1	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 18000 IV 16000	72.6	75.2	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 14000 IV 12000	73.2	75.8	76.0	76.2	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 10000 IV 9000	77.3	80.1	81.0	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
IV 8000 IV 7000	78.8	81.5	81.9	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 6000 IV 5000	79.6	82.6	83.1	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 4500 IV 4000	80.6	83.7	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500 IV 3000	81.1	84.6	85.2	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 2500 IV 2000	83.5	85.6	86.1	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
IV 1800 IV 1500	83.9	86.5	87.0	88.0	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 1200 IV 1000	84.7	87.6	88.3	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 900 IV 800	85.3	88.7	89.5	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 700 IV 600	85.7	90.1	91.3	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 500 IV 400	85.7	90.6	91.7	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 300 IV 200	85.9	91.4	92.3	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 100 0	86.1	91.7	92.6	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2438 BUCKLEY ANGB CO

69-73,73-80

JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-DADD  
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	64.0	60.2	60.5	66.7	66.8	66.9	65.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3
≥ 20000	73.1	75.8	75.8	75.9	76.0	76.1	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.7
IV 18000	73.1	75.8	75.8	75.9	76.0	76.1	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.7
IV 16000	73.3	75.7	76.1	76.1	76.2	76.3	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.9
IV 14000	74.4	76.8	77.1	77.2	77.3	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	78.0
IV 12000	77.6	80.0	80.3	80.5	80.6	80.8	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.4
IV 10000	79.4	81.9	82.4	82.6	82.7	82.8	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.4
IV 9000	79.5	82.1	82.5	82.7	82.8	82.9	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.5
IV 8000	79.9	82.5	82.9	83.1	83.2	83.3	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.8	84.0
IV 7000	80.6	83.2	83.7	84.0	84.1	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.8
IV 6000	81.3	84.1	84.5	84.8	84.9	85.1	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.7
IV 5000	81.7	84.5	84.9	85.3	85.4	85.5	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9	86.1
IV 4500	82.3	85.1	85.5	85.9	86.0	86.1	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.6	86.8
IV 4000	83.3	86.5	87.0	87.4	87.6	87.7	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.4
IV 3500	83.3	86.5	87.0	87.4	87.6	87.7	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.4
IV 3000	83.5	87.1	87.5	88.2	88.5	88.6	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.2
IV 2500	84.7	88.3	88.9	89.5	89.8	89.9	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.5
IV 2000	85.1	88.7	89.4	90.1	90.6	90.8	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.7
IV 1800	85.1	88.7	89.4	90.2	90.8	90.9	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.8
IV 1500	85.3	88.9	89.6	90.4	91.1	91.2	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.3
IV 1200	85.8	89.6	90.4	91.3	91.9	92.0	92.3	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1	93.3
IV 1000	85.8	89.9	90.9	91.8	92.6	92.7	92.9	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.9	94.1
IV 900	86.1	90.3	91.5	92.5	93.2	93.3	93.7	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.7	94.9
IV 800	86.5	90.8	92.1	93.1	93.8	93.9	94.3	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.4	95.6
IV 700	86.7	91.4	92.7	93.7	94.6	94.7	95.2	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.3	96.6
IV 600	86.8	91.5	92.9	93.9	94.8	94.9	95.4	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.6	96.6
IV 500	86.8	91.6	93.0	94.0	94.9	95.1	95.6	96.2	96.2	96.5	96.6	96.6	96.6	96.6	96.8	97.0
IV 400	87.1	91.8	93.2	94.2	95.1	95.4	95.9	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.2	97.4
IV 300	87.1	91.9	93.3	94.3	95.5	95.6	96.2	97.0	97.1	97.3	97.4	97.5	97.6	97.6	98.0	98.2
IV 200	87.1	92.0	93.4	94.4	95.6	95.7	96.3	97.1	97.2	97.5	97.7	97.8	98.2	98.4	98.8	99.1
IV 100	87.0	92.0	93.4	94.4	95.6	95.7	96.3	97.1	97.2	97.5	97.7	97.8	98.4	98.6	99.5	100.0
IV 0	87.0	92.0	93.4	94.4	95.6	95.7	96.3	97.1	97.2	97.5	97.7	97.8	98.4	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 936

USAF ETAC FORM JUL 64 D-14-5 (D1, A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 ATMOSPHERIC SERVICE/MAC

# CEILING VERSUS VISIBILITY

2735 STATION BUCKLEY ANG B CO

69-70.73-80 YEARS

JAN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥0	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	60.6	62.2	62.7	62.9	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	71.8	73.3	74.1	74.3	75.2	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
IV 18000	71.8	73.3	74.1	74.3	75.2	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
IV 16000	71.8	73.3	74.1	74.3	75.2	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
IV 14000	73.9	75.7	76.2	76.5	77.3	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 12000	73.9	75.7	76.2	76.5	77.3	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 10000	81.6	83.7	84.3	84.5	85.4	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
IV 9000	81.6	83.7	84.3	84.5	85.4	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
IV 8000	82.7	84.7	85.4	85.6	86.5	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
IV 7000	83.1	85.3	86.0	86.2	87.1	87.3	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
IV 6000	83.4	85.6	86.3	86.6	87.4	87.6	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	83.4	85.6	86.3	86.6	87.4	87.6	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0
IV 4500	83.9	86.1	86.9	87.2	88.1	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
IV 4000	84.1	86.7	87.4	88.0	88.9	89.1	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
IV 3500	84.9	87.1	87.8	88.4	89.4	89.6	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 3000	85.4	87.8	88.6	89.1	90.1	90.3	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	85.5	88.4	89.1	89.7	90.8	91.0	91.3	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
IV 2000	85.5	88.4	89.2	89.8	91.1	91.3	91.7	91.9	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3
IV 1800	85.9	88.9	89.4	89.9	91.3	91.5	91.9	92.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5
IV 1500	85.7	88.8	89.6	90.3	91.7	91.9	92.4	92.9	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2
IV 1200	85.9	89.9	90.4	91.0	92.5	92.7	93.2	93.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	85.9	89.9	90.4	91.0	92.5	92.7	93.2	93.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2
IV 900	85.9	90.0	91.2	91.7	93.3	93.5	94.4	95.4	95.4	95.4	95.8	96.1	96.2	96.2	96.2	96.2
IV 800	85.9	90.0	91.3	91.9	93.5	93.8	94.6	95.6	95.6	96.0	96.3	96.5	96.5	96.5	96.5	96.5
IV 700	86.5	90.5	91.8	92.5	94.2	94.4	95.4	96.3	96.3	96.8	97.1	97.2	97.2	97.3	97.3	97.3
IV 600	86.7	90.8	92.0	92.7	94.4	94.6	95.6	96.6	96.6	97.1	97.4	97.5	97.5	97.6	97.6	97.6
IV 500	86.7	90.8	92.0	92.7	94.4	94.7	95.7	96.8	96.8	97.5	97.8	98.0	98.0	98.1	98.1	98.1
IV 400	86.7	90.8	92.0	92.7	94.4	94.7	95.8	96.9	96.9	97.7	98.2	98.3	98.3	98.4	98.4	98.4
IV 300	86.7	90.8	92.0	92.7	94.4	94.7	95.8	97.0	97.0	97.8	98.3	98.4	98.5	98.6	98.7	98.7
IV 200	86.7	90.8	92.0	92.7	94.4	94.7	95.8	97.0	97.0	97.8	98.5	98.6	98.7	98.9	99.4	99.4
IV 100	86.7	90.8	92.0	92.7	94.4	94.7	95.8	97.0	97.0	97.8	98.5	98.6	98.7	98.9	99.7	99.8
IV 0	86.7	90.8	92.0	92.7	94.4	94.7	95.8	97.0	97.0	97.8	98.5	98.6	98.7	98.9	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2176  
STATION

HUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	62.8	64.2	64.6	65.2	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IVM 18000 IVM 16000	74.1	75.7	76.1	76.8	77.5	77.5	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IVM 14000 IVM 12000	76.7	78.3	78.7	79.4	80.1	80.1	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IVM 10000 IVM 9000	83.8	85.8	86.3	87.0	87.7	87.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IVM 8000 IVM 7000	84.4	86.5	87.0	87.6	88.1	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IVM 6000 IVM 5000	85.3	87.3	87.8	88.5	89.2	89.2	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IVM 4500 IVM 4000	85.9	87.0	88.2	88.8	89.6	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IVM 3500 IVM 3000	86.7	88.2	88.9	89.4	90.1	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IVM 2500 IVM 2000	86.9	88.6	89.1	89.8	90.5	90.5	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVM 1800 IVM 1500	87.2	89.5	90.0	90.8	91.6	91.6	91.7	91.9	92.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IVM 1200 IVM 1000	87.8	90.3	90.9	91.7	92.7	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IVM 900 IVM 800	88.2	90.6	91.3	92.2	93.3	93.3	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IVM 700 IVM 600	88.7	91.6	92.2	93.0	94.2	94.2	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IVM 500 IVM 400	88.7	91.7	92.3	93.1	94.3	94.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVM 300 IVM 200	89.1	92.4	93.1	94.0	95.3	95.3	95.4	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IVM 100 0	89.4	92.6	93.3	94.3	95.6	95.6	95.8	96.7	96.9	97.0	97.1	97.0	97.0	97.0	97.0	97.0
	89.4	92.9	93.8	94.7	96.0	96.0	96.2	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	89.4	92.9	93.8	94.8	96.1	96.1	96.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	89.4	92.9	93.8	94.8	96.1	96.1	96.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	89.4	92.9	93.8	94.8	96.1	96.1	96.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	89.4	93.0	93.9	94.9	96.2	96.2	96.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	89.4	93.0	93.9	94.9	96.2	96.2	96.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	89.4	93.0	93.9	94.9	96.2	96.2	96.6	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	89.4	93.0	93.9	94.9	96.2	96.2	96.6	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	89.4	93.0	93.9	94.9	96.2	96.2	96.6	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	89.4	93.0	93.9	94.9	96.2	96.2	96.6	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	89.4	93.0	93.9	94.9	96.2	96.2	96.6	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2036  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	58.7	60.9	61.2	61.2	61.6	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 18000 16000	77.3	73.0	73.4	73.4	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 14000 12000	74.4	77.1	77.5	77.5	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 10000 9000	82.3	86.3	86.9	87.0	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 8000 7000	83.9	87.3	87.8	88.0	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 6000 5000	85.2	88.6	89.5	89.6	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4500 4000	85.9	89.4	89.8	89.9	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3500 3000	86.1	89.6	90.4	90.6	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 2500 2000	86.7	90.1	91.0	91.3	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1800 1500	86.8	90.3	91.2	91.6	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200 1000	87.0	91.0	91.9	92.4	93.5	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 900 800	87.2	91.3	92.2	93.1	94.9	95.2	95.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 700 600	87.3	91.4	92.3	93.3	94.9	95.4	95.8	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 500 400	87.3	91.4	92.3	93.3	95.2	95.6	96.0	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 300 200	87.4	91.5	92.7	93.4	95.5	96.1	96.6	96.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 100 0	87.4	91.6	92.8	93.7	95.8	96.5	96.9	97.3	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	87.4	91.6	92.8	93.7	95.8	96.5	96.9	97.3	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 9311

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

27130  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	62.3	64.7	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	69.5	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 16000	71.7	74.4	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	74.8
IV 14000	75.4	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 12000	79.4	82.6	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 10000	79.9	83.1	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 8000	81.0	84.2	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	84.6
IV 7000	81.1	84.3	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
IV 6000	82.4	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 5000	83.0	86.6	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
IV 4500	83.2	86.8	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	87.6
IV 4000	83.9	87.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3500	84.4	88.2	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 3000	84.6	88.5	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 2500	84.9	88.9	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
IV 2000	85.2	89.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1800	85.2	89.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1500	85.2	89.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1200	85.2	89.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1000	85.2	89.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 900	85.4	90.6	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
IV 800	85.4	90.6	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 700	85.5	90.8	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
IV 600	85.5	90.8	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
IV 500	85.5	90.9	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 400	85.5	90.9	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 300	85.5	90.9	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 200	85.5	90.9	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 100	85.5	90.9	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 0	85.5	90.9	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

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23 36  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-81  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (UT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.7	69.0	69.7	69.0	69.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥20000	73.2	75.3	75.4	75.4	75.4	75.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IVN 18000	73.2	75.4	75.5	75.5	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IVN 16000	73.4	75.6	75.7	75.7	75.7	75.8	76.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IVN 14000	73.9	76.0	76.1	76.1	76.1	76.2	76.5	76.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IVN 12000	77.8	79.7	79.8	79.8	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IVN 10000	79.9	82.2	82.3	82.3	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IVN 9000	80.7	82.5	82.6	82.6	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IVN 8000	81.3	83.5	83.7	83.7	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IVN 7000	81.6	83.9	84.0	84.0	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IVN 6000	81.8	84.3	84.4	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IVN 5000	82.6	85.2	85.3	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IVN 4500	82.7	85.4	85.5	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IVN 4000	83.2	86.3	86.5	86.5	86.5	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IVN 3500	83.9	87.2	87.5	87.6	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IVN 3000	83.9	87.5	87.6	87.6	87.6	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IVN 2500	84.1	88.7	88.6	89.0	89.1	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IVN 2000	84.1	88.8	89.2	89.8	89.9	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IVN 1800	84.6	89.2	89.7	90.2	90.3	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IVN 1500	85.7	89.9	90.3	90.9	91.1	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IVN 1200	85.9	90.3	91.1	92.0	92.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IVN 1000	85.9	90.4	91.3	92.6	93.1	93.3	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVN 900	85.6	90.5	91.7	93.0	93.5	93.8	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVN 800	85.6	90.5	91.7	93.1	93.5	93.8	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVN 700	85.6	90.5	91.7	93.1	93.5	93.8	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVN 600	85.6	90.5	91.7	93.1	93.5	93.8	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVN 500	85.7	91.3	92.5	93.6	95.2	95.4	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IVN 400	85.7	91.4	92.7	94.1	95.6	95.8	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVN 300	85.7	91.6	92.9	94.3	95.8	96.0	97.2	97.6	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3
IVN 200	85.7	91.6	92.9	94.4	95.9	96.1	97.3	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IVN 100	85.7	91.6	92.9	94.4	96.0	96.2	97.5	98.0	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6
IVN 0	85.7	91.6	92.9	94.4	96.0	96.2	97.5	98.0	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/4AC

# CEILING VERSUS VISIBILITY

27 JAN 69  
STATION: BUCKLEY ANG B CO

69-70, 71-80  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	63.5	65.6	65.9	66.1	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 20000	72.2	74.5	74.8	75.0	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6
IV 18000	72.3	74.5	74.8	75.0	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
IV 16000	72.4	74.7	75.0	75.2	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 14000	74.1	76.3	76.6	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
IV 12000	77.7	80.2	80.5	80.7	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
IV 10000	80.2	82.8	83.3	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2
IV 9000	80.6	83.2	83.6	83.9	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
IV 8000	81.5	84.1	84.5	84.8	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
IV 7000	81.9	84.5	84.9	85.2	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8
IV 6000	82.5	85.2	85.7	86.0	86.3	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7
IV 5000	83.1	85.7	86.3	86.6	86.9	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
IV 4500	83.1	85.9	86.5	86.8	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
IV 4000	83.7	86.6	87.4	87.8	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
IV 3500	84.7	87.1	87.8	88.3	88.7	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
IV 3000	84.4	87.7	88.4	89.0	89.5	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9
IV 2500	84.9	88.4	89.0	89.7	90.3	90.3	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8
IV 2000	85.3	88.9	89.5	90.3	91.0	91.0	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6
IV 1800	85.3	89.0	89.7	90.4	91.1	91.1	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8
IV 1500	85.7	89.6	90.4	91.1	91.9	92.0	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7
IV 1200	86.6	90.2	91.1	91.9	92.8	92.9	93.2	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8
IV 1000	86.7	90.6	91.6	92.5	93.5	93.7	94.1	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9
IV 900	86.3	90.7	91.9	92.9	93.9	94.1	94.5	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.4
IV 800	86.3	90.8	92.0	93.0	94.0	94.2	94.7	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.6	95.7
IV 700	86.4	91.1	92.3	93.4	94.5	94.7	95.2	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.3
IV 600	86.5	91.3	92.5	93.6	94.8	95.0	95.6	96.1	96.2	96.5	96.6	96.6	96.6	96.6	96.7	96.8
IV 500	86.6	91.4	92.7	93.8	95.1	95.3	95.9	96.6	96.7	97.1	97.2	97.3	97.3	97.3	97.5	97.5
IV 400	86.7	91.5	92.8	94.0	95.3	95.6	96.2	97.0	97.1	97.6	97.8	97.9	98.0	98.0	98.1	98.2
IV 300	86.7	91.5	92.8	94.0	95.4	95.7	96.4	97.2	97.3	97.8	98.2	98.3	98.4	98.5	98.7	98.8
IV 200	86.7	91.6	92.9	94.1	95.5	95.8	96.4	97.3	97.4	98.0	98.5	98.5	98.6	98.9	99.2	99.4
IV 100	86.7	91.6	92.9	94.1	95.5	95.8	96.5	97.3	97.5	98.0	98.5	98.6	98.9	99.1	99.6	99.8
IV 0	86.7	91.6	92.9	94.1	95.5	95.8	96.5	97.3	97.5	98.0	98.5	98.6	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7441

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2430  
 STATION

BUCKLEY ANG BQ  
 STATION NAME

69-70.73-80  
 YEARS

FFF  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
 HOUR (UT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	68.4	69.1	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 20000	75.9	76.6	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IVM 18000	75.9	76.6	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IVM 16000	75.9	76.6	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IVM 14000	77.9	78.3	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IVM 12000	73.7	79.4	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IVM 10000	79.8	80.8	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IVM 9000	79.9	80.9	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IVM 8000	80.7	81.7	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IVM 7000	80.4	81.8	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IVM 6000	81.9	82.9	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IVM 5000	83.9	85.1	85.7	85.8	85.8	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IVM 4500	84.3	85.5	86.1	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IVM 4000	84.9	86.1	86.6	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IVM 3500	85.1	86.3	86.9	87.0	87.0	87.0	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IVM 3000	85.5	86.6	87.2	87.4	87.4	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IVM 2500	85.5	86.8	87.4	87.5	87.5	87.5	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IVM 2000	85.0	87.6	88.1	88.4	88.4	88.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IVM 1800	85.8	87.6	88.3	88.4	88.4	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IVM 1500	86.0	88.3	89.2	89.5	89.5	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVM 1200	86.4	88.9	90.0	90.2	90.3	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVM 1000	86.4	88.9	90.0	90.2	90.3	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IVM 900	86.4	89.2	90.5	90.8	90.9	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IVM 800	86.6	89.2	90.9	91.3	91.4	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IVM 700	87.1	89.7	91.4	91.7	91.8	92.2	92.6	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
IVM 600	87.3	89.7	91.4	91.7	91.8	92.2	92.6	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IVM 500	87.2	89.8	91.4	92.2	92.6	92.9	93.5	94.6	94.6	94.6	94.6	94.9	95.3	95.0	95.0	95.0
IVM 400	87.7	90.1	92.3	92.7	93.1	93.5	94.2	95.3	95.6	95.6	95.6	95.7	95.9	95.9	95.9	95.9
IVM 300	87.3	90.1	92.4	92.8	93.3	93.6	94.4	95.7	96.2	96.2	96.2	96.8	96.9	97.0	97.0	97.3
IVM 200	87.3	90.1	92.4	92.8	93.3	93.6	94.4	95.9	96.3	96.3	96.3	96.9	97.2	97.8	97.8	98.2
IVM 100	87.3	90.1	92.4	92.8	93.3	93.6	94.6	96.0	96.5	96.5	96.5	97.0	97.3	97.9	97.9	98.3
IVM 0	87.3	90.1	92.4	92.8	93.3	93.6	94.6	96.0	96.5	96.5	96.5	97.0	97.3	97.9	97.9	98.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2133  
STATION

DUCKLEY ANGB CO  
STATION NAME

69-70, 73-80  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	69.4	73.0	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	75.7	76.2	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 18000	75.7	76.2	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 16000	75.7	76.2	76.7	76.7	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 14000	76.8	77.4	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 12000	78.5	79.1	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 10000	80.4	81.0	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 9000	80.9	81.1	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 8000	81.6	82.2	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 7000	82.1	82.6	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 6000	82.3	83.4	83.6	83.6	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 5000	82.9	83.6	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4500	83.1	83.7	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 4000	83.1	83.8	84.4	84.4	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500	83.9	84.3	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3000	83.7	84.8	85.5	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500	84.0	85.3	86.2	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	84.8	86.2	87.0	87.0	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1800	85.0	86.4	87.2	87.2	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1500	85.3	87.1	87.9	88.1	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1200	85.5	87.2	88.2	88.3	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1000	85.6	87.5	88.5	88.9	89.0	89.1	89.1	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 900	85.7	87.7	89.1	89.4	89.5	89.5	89.5	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 800	85.8	88.2	89.7	90.1	90.2	90.2	90.2	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 700	86.3	88.7	90.3	90.7	90.8	90.8	91.0	91.4	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8
IV 600	86.4	88.8	90.5	90.9	91.1	91.1	91.4	91.8	91.8	92.3	92.3	92.4	92.4	92.4	92.4	92.4
IV 500	86.4	88.8	90.7	91.1	91.6	91.6	91.8	92.6	92.8	93.3	93.3	93.4	93.5	93.6	93.7	93.7
IV 400	86.4	88.8	90.7	91.1	92.0	92.0	92.2	93.0	93.4	94.0	94.0	94.1	94.3	94.4	94.7	94.7
IV 300	86.4	88.8	90.9	91.4	92.2	92.2	92.6	93.6	94.0	94.8	95.2	95.3	95.5	95.6	95.9	95.9
IV 200	86.4	88.8	91.0	91.5	92.4	92.6	92.9	94.0	94.3	95.2	95.6	95.9	96.6	96.7	97.0	97.0
IV 100	86.4	88.8	91.0	91.5	92.4	92.6	93.0	94.1	94.4	95.3	95.7	96.0	96.7	96.8	97.5	98.5
IV 0	86.4	88.8	91.0	91.5	92.4	92.6	93.0	94.1	94.4	95.4	95.9	96.1	96.8	96.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2336  
YEAR

RUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

FFR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	65.4	65.6	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.5	66.7	66.7
IV 18000 16000	74.5	74.7	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.0
IV 14000 12000	75.5	75.9	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.1	77.2	77.2
IV 10000 9000	79.6	80.3	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.6	81.6
IV 8000 7000	79.6	80.5	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.7	81.8	81.8
IV 6000 5000	80.9	81.6	82.5	82.7	82.7	82.7	82.9	82.9	82.9	83.0	83.1	83.1	83.1	83.2	83.3	83.3
IV 4500 4000	81.6	82.3	83.2	83.5	83.6	83.6	83.8	83.8	83.8	83.9	84.0	84.0	84.0	84.2	84.3	84.3
IV 3500 3000	82.2	82.9	83.8	84.0	84.2	84.2	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.8	84.9	84.9
IV 2500 2000	82.7	83.5	84.4	84.6	84.8	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.5	85.5
IV 1800 1500	83.2	83.9	85.0	85.3	85.6	85.6	85.8	85.8	85.8	85.9	86.1	86.1	86.1	86.2	86.3	86.3
IV 1200 1000	83.7	84.5	85.9	86.8	87.4	87.4	87.6	87.6	87.6	87.7	87.8	87.8	87.8	87.9	88.1	88.1
IV 900 800	83.9	85.0	86.6	87.5	88.1	88.2	88.4	88.5	88.5	88.6	89.0	89.0	89.0	89.1	89.2	89.2
IV 700 600	84.6	85.9	87.8	88.8	89.4	89.5	90.1	90.2	90.2	90.3	90.7	90.7	90.8	90.9	91.0	91.0
IV 500 400	84.9	86.5	88.9	90.1	91.0	91.3	91.8	92.1	92.2	92.7	93.0	93.3	93.5	93.6	93.7	93.9
IV 300 200	84.9	86.9	89.4	90.5	92.0	92.2	92.8	93.4	93.7	94.6	95.2	95.5	95.7	95.9	96.3	96.5
IV 100 0	84.9	86.9	89.4	90.5	92.0	92.2	92.8	93.4	93.7	94.7	95.4	95.7	96.6	97.0	98.2	99.3

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2492



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2136  
STATION

BUCKLEY ANG3 CO  
STATION NAME

69-70,73-80  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING ≥ 20000	61.1	62.8	63.4	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.1	64.1	64.1
IVR 18000	73.0	74.9	75.5	76.0	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6
IVR 16000	74.3	76.2	76.8	77.3	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9
IVR 14000	76.8	78.7	79.4	79.9	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5
IVR 12000	79.1	81.1	81.8	82.3	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0
IVR 10000	81.6	83.6	84.4	85.1	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.1
IVR 9000	81.9	83.9	84.6	85.3	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.1
IVR 8000	81.9	84.3	85.0	85.5	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5
IVR 7000	82.0	84.5	85.2	85.7	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8	86.8	86.8
IVR 6000	82.5	85.1	85.8	86.3	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4
IVR 5000	82.7	85.9	86.8	87.2	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3
IVR 4500	83.6	86.2	87.0	87.5	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5
IVR 4000	84.1	86.8	87.6	88.2	88.5	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5	89.5
IVR 3500	84.2	86.9	87.7	88.3	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7
IVR 3000	84.3	87.0	87.9	88.5	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.1	90.1	90.1
IVR 2500	84.4	87.4	88.5	89.1	89.8	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.8	90.8	90.8
IVR 1800	84.5	87.5	88.7	89.2	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.9	90.9	90.9
IVR 1500	85.1	87.8	89.1	89.7	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5	91.5	91.5
IVR 1200	85.2	87.9	89.2	90.1	90.9	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.1	92.1	92.1
IVR 1000	85.2	87.9	89.4	90.2	91.0	91.5	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.7	92.7	92.7
IVR 900	85.3	88.3	89.7	90.5	91.4	91.8	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	93.0	93.0	93.0
IVR 800	85.2	88.7	90.3	91.1	92.0	92.6	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.9	93.9	93.9
IVR 700	85.3	88.9	91.5	91.9	92.3	92.9	93.1	93.6	93.9	94.0	94.2	94.2	94.2	94.2	94.4	94.4	94.4
IVR 600	85.3	89.1	91.7	92.0	92.9	93.5	93.7	94.2	94.6	94.7	94.9	94.9	94.9	94.9	95.2	95.2	95.2
IVR 500	85.3	89.1	91.0	92.0	92.9	93.5	94.0	94.6	94.9	95.2	95.5	95.5	95.5	95.5	95.9	95.9	95.9
IVR 400	85.3	89.1	91.1	92.2	93.5	94.1	94.8	95.7	96.2	96.5	96.8	96.8	96.8	96.8	97.2	97.2	97.2
IVR 300	85.3	89.1	91.1	92.2	93.5	94.1	94.8	96.1	96.6	97.3	98.0	98.0	98.0	98.0	98.3	98.3	98.3
IVR 200	85.3	89.1	91.1	92.2	93.5	94.1	94.8	96.1	96.6	97.3	98.3	98.3	98.3	98.3	99.1	99.1	99.1
IVR 100	85.3	89.1	91.1	92.2	93.5	94.1	94.8	96.1	96.6	97.3	98.3	98.3	98.3	98.3	99.2	99.2	99.2
IVR 0	85.3	89.1	91.1	92.2	93.5	94.1	94.8	96.1	96.6	97.3	98.3	98.3	98.3	98.3	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2335  
STATION

BUCKLEY ANGR CO  
STATION NAME

69-70-73-80  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	63.5	64.9	65.2	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
≥ 20000	75.1	77.8	78.1	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
≥ 18000	76.7	78.4	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	78.8
IVN 16000	77.1	78.7	79.1	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
IVN 14000	79.1	80.8	81.7	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
IVN 12000	81.4	83.2	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
IVN 10000	83.9	85.2	85.6	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
IVN 9000	83.0	85.2	85.6	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
IVN 8000	83.8	85.8	86.2	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
IVN 7000	84.2	86.3	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IVN 6000	85.5	87.6	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IVN 5000	87.1	89.4	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IVN 4500	87.2	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVN 4000	87.8	90.0	90.1	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVN 3500	87.6	90.0	90.3	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IVN 3000	88.1	90.9	91.0	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
IVN 2500	88.4	91.0	91.4	91.8	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IVN 2000	89.0	91.6	92.0	92.6	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IVN 1800	89.0	91.7	92.1	92.7	92.9	92.9	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IVN 1500	89.1	91.8	92.3	93.1	93.4	93.4	93.7	93.8	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2
IVN 1200	89.1	92.2	92.7	93.5	93.7	93.7	94.4	94.4	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0
IVN 1000	89.1	92.2	92.7	93.6	94.1	94.1	94.8	94.8	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
IVN 900	89.1	92.2	92.7	93.6	94.1	94.1	94.8	94.8	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
IVN 800	89.1	92.2	92.7	93.6	94.2	94.2	94.7	94.7	95.4	95.7	95.9	96.1	96.1	96.1	96.1	96.1
IVN 700	89.1	92.2	92.7	93.6	94.2	94.2	94.7	94.7	95.4	95.7	95.9	96.1	96.1	96.1	96.1	96.1
IVN 600	89.1	92.2	93.1	94.1	94.8	94.8	95.3	95.3	96.1	96.4	96.7	96.9	96.9	96.9	96.9	96.9
IVN 500	89.1	92.2	93.1	94.2	95.2	95.7	96.7	97.3	97.4	97.9	97.9	98.0	98.0	98.0	98.0	98.0
IVN 400	89.1	92.2	93.1	94.2	95.2	95.9	96.8	97.3	97.6	98.1	98.3	98.5	98.6	98.6	98.6	98.6
IVN 300	89.1	92.2	93.1	94.2	95.2	95.9	96.8	97.6	97.8	98.3	98.3	98.8	99.2	99.5	99.5	99.6
IVN 200	89.1	92.2	93.1	94.2	95.2	95.9	96.8	97.6	97.8	98.3	98.3	98.8	99.3	99.6	99.6	99.6
IVN 100	89.1	92.2	93.1	94.2	95.2	95.9	96.8	97.6	97.8	98.3	98.3	98.8	99.3	99.6	99.6	99.6
IVN 0	89.1	92.2	93.1	94.2	95.2	95.9	96.8	97.6	97.8	98.3	98.3	98.8	99.3	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 566

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 2174 BUCKLEY ANG CO STATION NAME

69-70, 73-80 YEARS

MONTH FEB

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1560-1700  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	63.1	58.6	63.5	62.4	63.9	63.9	63.9	63.4	63.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 2000	73.2	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 1800	73.2	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 1600	73.5	74.5	74.7	74.8	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 1400	75.4	76.7	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 1200	79.4	81.3	82.5	81.4	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1000	82.5	83.3	83.9	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
IV 900	82.6	83.5	84.0	84.6	84.6	84.6	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0
IV 800	82.9	83.7	84.4	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 700	83.1	84.0	84.6	85.3	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 6000	85.3	86.6	87.5	88.2	88.2	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 5000	87.5	88.4	89.1	89.8	89.8	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 4500	87.7	88.7	89.4	90.1	90.1	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4000	88.3	89.2	90.1	90.9	90.9	90.9	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	88.5	89.5	90.3	91.1	91.1	91.1	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3000	88.5	89.5	90.3	91.1	91.1	91.1	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2500	89.6	90.5	91.3	92.1	92.1	92.2	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	89.6	90.5	91.3	92.1	92.1	92.2	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1800	89.6	90.5	91.3	92.1	92.1	92.2	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1500	89.7	90.5	91.4	92.2	92.2	92.2	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200	89.8	91.3	92.2	93.4	93.5	93.6	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1000	89.8	91.3	92.2	93.4	93.5	93.6	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 900	89.8	91.3	92.2	93.4	93.5	93.6	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 800	89.8	91.3	92.2	93.4	93.5	93.6	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 700	89.8	91.3	92.2	93.4	93.5	93.6	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 600	89.8	91.3	92.2	93.4	93.5	93.6	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 500	90.1	91.5	93.0	94.4	95.2	95.3	96.1	96.2	96.7	96.9	96.9	97.0	97.2	97.2	97.2	97.2
IV 400	90.1	91.5	93.0	94.4	95.2	95.3	96.1	96.2	96.7	96.9	96.9	97.0	97.2	97.2	97.2	97.2
IV 300	90.1	91.5	93.0	94.4	95.2	95.3	96.1	96.2	96.7	96.9	96.9	97.0	97.2	97.2	97.2	97.2
IV 200	90.1	91.5	93.0	94.4	95.2	95.3	96.1	96.2	96.7	96.9	96.9	97.0	97.2	97.2	97.2	97.2
IV 100	90.1	91.5	93.0	94.4	95.2	95.3	96.1	96.2	96.7	96.9	96.9	97.0	97.2	97.2	97.2	97.2
IV 0	90.1	91.5	93.0	94.4	95.2	95.3	96.1	96.2	96.7	96.9	96.9	97.0	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2734  
STATION

BUCKLEY ANGFB CO  
STATION NAME

64-70.73-89  
YEARS

FFB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	65.4	56.5	67.1	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
≥ 20000	73.4	74.8	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	75.7
IV 18000	73.4	74.8	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	75.7
IV 16000	73.4	74.8	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	75.7
IV 14000	75.9	77.3	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 12000	72.5	79.9	80.8	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
IV 10000	81.7	83.1	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	83.9
IV 9000	81.3	83.3	84.0	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 8000	82.4	83.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	82.9	84.3	85.1	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
IV 6000	84.5	85.4	87.0	87.1	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 5000	86.4	87.8	89.5	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 4500	86.5	87.9	89.1	89.2	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 4000	87.4	89.0	90.2	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3500	87.6	89.2	91.4	91.5	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 3000	87.6	89.2	91.4	91.5	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 2500	88.1	89.8	91.1	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2000	88.1	90.2	91.6	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1800	88.4	90.3	91.7	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1500	88.4	90.4	91.8	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1200	88.7	91.9	92.3	92.4	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 1000	88.7	91.7	92.6	92.7	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 900	88.9	91.3	92.3	92.9	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 800	88.9	91.5	93.1	93.1	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 700	89.0	91.6	93.3	93.4	94.2	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 600	89.0	91.6	93.4	93.7	94.6	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 500	89.1	91.7	93.5	93.9	94.7	95.0	95.5	95.9	95.9	95.9	96.0	96.0	96.3	96.3	96.3	96.3
IV 400	89.1	91.7	93.5	94.0	95.3	95.6	96.3	96.8	96.8	96.8	96.9	97.2	97.2	97.5	97.8	97.8
IV 300	89.1	91.7	93.5	94.0	95.3	95.6	96.3	96.8	96.9	97.2	97.4	97.4	98.0	98.2	98.2	98.2
IV 200	89.1	91.7	93.5	94.0	95.3	95.6	96.6	97.2	97.3	97.6	97.9	98.0	98.6	98.9	99.4	99.4
IV 100	89.1	91.7	93.5	94.0	95.3	95.6	96.6	97.2	97.3	97.6	97.9	98.0	98.6	98.9	99.4	99.6
IV 0	84.1	91.7	93.5	94.0	95.3	95.6	96.6	97.2	97.3	97.6	97.9	98.0	98.6	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2336  
STATION

SUCKLEY ANGB CO  
STATION NAME

69-70,73-83  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	69.9	71.2	71.4	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 18000 16000	77.4	78.7	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 14000 12000	79.2	80.5	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 10000 9000	81.2	82.5	83.0	83.1	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 8000 7000	82.2	83.7	84.2	84.3	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 6000 5000	84.2	85.8	86.3	86.4	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500 4000	85.1	86.6	87.1	87.2	87.5	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3500 3000	86.3	88.2	88.7	88.8	89.0	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500 2000	88.7	89.1	89.4	89.4	89.7	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1800 1500	87.0	89.4	90.0	90.2	90.5	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1200 1000	87.2	90.0	90.5	90.9	91.3	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 900 800	87.2	90.0	90.9	91.3	91.4	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 700 600	87.7	90.8	91.6	92.1	92.4	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 500 400	87.7	90.8	91.6	92.2	92.6	92.9	93.9	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
IV 300 200	87.9	91.1	92.3	93.0	93.9	94.6	95.9	96.7	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5
IV 100 0	87.9	91.1	92.3	93.0	93.9	94.6	95.9	96.7	97.0	97.5	97.6	97.8	98.2	98.3	98.7	99.1

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

25030 DUCKLEY ANGB CO  
STATION STATION NAME

69-70,71-80  
YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	65.8	66.7	67.1	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
IV 18000 16000	75.0	76.1	76.8	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
IV 14000 12000	77.1	78.2	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
IV 10000 9000	81.4	82.5	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6
IV 8000 7000	81.7	83.2	83.8	84.0	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
IV 6000 5000	83.4	84.8	85.5	85.7	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
IV 4500 4000	84.9	86.3	87.0	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8
IV 3500 3000	85.6	87.1	87.9	88.2	88.4	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8
IV 2500 2000	86.1	87.8	88.6	88.9	89.2	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
IV 1800 1500	86.6	88.4	89.3	89.7	90.0	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
IV 1200 1000	87.0	89.1	90.1	90.7	91.1	91.2	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IV 900 800	87.2	89.3	90.4	91.2	91.6	91.8	92.1	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
IV 700 600	87.4	89.4	91.3	91.9	92.4	92.7	93.1	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8
IV 500 400	87.9	90.1	91.7	92.8	93.2	93.5	94.2	94.7	94.9	95.1	95.3	95.4	95.5	95.5	95.6	95.6
IV 300 200	87.5	90.2	92.0	92.8	93.4	94.2	95.0	95.8	96.2	96.7	97.1	97.2	97.6	97.7	97.9	97.9
IV 100 0	87.5	90.2	92.0	92.9	93.9	94.3	95.1	96.0	96.3	96.9	97.3	97.6	98.3	98.5	99.0	99.5

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2730  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

MAP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	57.9	61.7	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV ≥ 18000	56.8	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV ≥ 16000	56.7	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV ≥ 14000	67.8	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV ≥ 12000	70.2	71.1	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV ≥ 10000	72.3	73.2	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV ≥ 9000	72.4	73.3	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV ≥ 8000	73.3	74.4	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV ≥ 7000	74.5	75.2	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV ≥ 6000	75.3	76.7	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV ≥ 5000	76.1	77.6	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV ≥ 4500	76.1	77.7	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV ≥ 4000	77.3	79.1	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV ≥ 3500	77.8	79.9	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV ≥ 3000	78.2	80.4	80.6	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV ≥ 2500	79.2	81.7	81.9	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV ≥ 2000	80.1	83.3	83.5	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV ≥ 1800	81.1	83.3	83.8	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV ≥ 1500	80.8	84.2	84.9	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV ≥ 1200	81.2	84.7	85.5	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV ≥ 1000	81.5	85.3	86.1	86.8	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV ≥ 900	81.6	85.5	86.3	87.3	87.6	87.8	87.9	88.1	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5
IV ≥ 800	81.6	85.6	86.5	87.2	87.7	88.2	88.3	88.5	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0
IV ≥ 700	82.1	86.3	86.9	87.6	88.4	88.7	88.8	89.1	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8
IV ≥ 600	82.2	86.6	87.4	88.3	89.0	89.4	89.7	90.6	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6
IV ≥ 500	82.2	86.6	87.5	88.4	89.4	89.7	90.0	91.2	92.0	92.5	92.9	92.9	92.9	92.9	92.9	92.9
IV ≥ 400	82.3	86.8	88.2	89.1	90.2	90.5	90.9	92.4	93.7	94.6	95.2	95.2	95.2	95.2	95.2	95.2
IV ≥ 300	82.4	87.1	88.5	89.5	90.6	91.0	91.3	93.1	94.6	95.8	96.6	96.6	96.6	96.6	96.6	96.6
IV ≥ 200	82.4	87.1	88.5	89.5	91.0	91.3	91.6	93.5	95.2	96.7	97.5	97.5	97.5	97.5	97.5	97.5
IV ≥ 100	82.4	87.1	88.5	89.5	91.0	91.3	91.6	93.5	95.3	96.8	97.6	97.6	97.6	97.6	97.6	97.6
IV ≥ 0	82.4	87.1	88.5	89.5	91.0	91.3	91.6	93.5	95.3	96.8	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 934

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2036 LUCKLEY ANGB CO

69-70, 73-81

MAC

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	64.6	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 20000	70.1	70.2	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
IV 18000	71.1	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
IV 16000	71.1	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
IV 14000	71.5	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
IV 12000	72.5	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
IV 10000	75.4	76.1	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	76.5
IV 9000	75.7	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	76.7	76.8
IV 8000	76.0	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
IV 7000	76.7	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
IV 6000	77.5	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
IV 5000	77.8	78.7	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
IV 4500	77.8	78.7	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
IV 4000	78.4	79.7	80.0	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
IV 3500	78.5	79.8	80.1	80.1	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8
IV 3000	78.9	80.8	81.1	81.1	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
IV 2500	82.0	81.9	82.3	82.3	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
IV 2000	81.4	83.8	84.2	84.2	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
IV 1800	81.6	84.0	84.4	84.4	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
IV 1500	82.5	84.9	85.4	85.4	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
IV 1200	83.3	86.2	86.7	86.7	87.1	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
IV 1000	83.3	86.2	86.7	86.7	87.1	87.1	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
IV 900	83.3	86.2	86.9	86.9	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
IV 800	83.5	86.6	87.2	87.2	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
IV 700	83.7	86.8	87.4	87.4	88.3	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.0
IV 600	83.3	87.1	87.7	87.7	88.6	88.6	89.1	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	90.2
IV 500	84.1	87.5	88.1	88.1	89.2	89.2	89.5	89.7	90.5	91.3	91.3	91.3	91.3	91.3	91.3	92.0
IV 400	84.0	87.5	88.4	88.4	89.5	89.5	90.3	90.6	91.5	92.3	92.3	92.3	92.3	92.3	92.3	93.8
IV 300	84.1	87.6	88.6	88.6	89.8	89.8	91.2	91.6	93.2	94.2	94.4	94.4	94.4	94.4	94.4	96.5
IV 200	84.2	87.7	88.7	88.7	89.9	89.9	91.1	91.8	92.4	94.1	95.1	95.1	95.1	95.1	95.1	98.2
IV 100	84.2	87.7	88.7	88.7	89.9	89.9	91.1	91.8	92.4	94.1	95.1	95.1	95.1	95.1	95.1	99.1
IV 0	84.2	87.7	88.7	88.7	89.9	89.9	91.1	91.8	92.4	94.1	95.1	95.1	95.1	95.1	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 9311



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23 36  
STATION

BUCKLEY AFB CO

69-70, 73-80

YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS-UT-511

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	57.6	58.8	59.7	58.7	58.7	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0
IV 20000	55.9	56.9	57.1	57.1	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5
IV 18000	56.0	57.0	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
IV 16000	56.3	57.3	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	58.0
IV 14000	68.2	69.1	69.4	69.4	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8
IV 12000	71.1	72.0	72.3	72.3	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7
IV 10000	72.9	74.0	74.2	74.2	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6
IV 9000	73.2	74.3	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9
IV 8000	74.2	75.3	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
IV 7000	74.6	75.7	75.9	75.9	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3
IV 6000	74.7	75.8	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6
IV 5000	75.5	76.3	76.7	76.7	76.7	76.8	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.2
IV 4500	75.6	76.7	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.6
IV 4000	76.5	76.7	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.7
IV 3500	76.9	78.4	78.8	78.8	78.8	78.9	79.0	79.2	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.7
IV 3000	77.7	79.8	79.2	79.4	79.5	79.6	79.8	79.8	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.2
IV 2500	77.8	80.0	80.4	80.6	81.0	81.1	81.3	81.3	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.8
IV 2000	78.6	81.1	81.9	82.2	82.8	82.9	83.2	83.2	83.3	83.4	83.5	83.5	83.7	83.7	83.7	83.8
IV 1800	78.7	81.3	82.1	82.3	82.9	83.0	83.3	83.3	83.4	83.5	83.7	83.7	83.8	83.8	83.8	83.9
IV 1500	78.9	81.9	82.8	83.0	84.0	84.1	84.5	84.6	84.8	84.9	85.2	85.2	85.3	85.3	85.3	85.4
IV 1200	79.5	82.7	83.7	84.4	85.5	85.6	86.0	86.2	86.5	86.7	86.9	86.9	87.0	87.0	87.0	87.1
IV 1000	79.9	83.2	84.2	85.1	86.2	86.3	86.9	87.1	87.4	87.6	87.8	87.8	88.0	88.0	88.0	88.1
IV 900	80.1	83.5	84.5	85.4	86.6	86.7	87.2	87.5	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.7
IV 800	80.1	83.5	84.5	85.5	86.7	86.9	87.5	88.0	88.4	88.7	89.0	89.0	89.1	89.1	89.1	89.2
IV 700	80.1	83.5	84.5	85.5	86.8	87.1	87.6	88.5	88.9	89.2	89.6	89.6	89.7	89.7	89.7	89.8
IV 600	80.1	83.7	84.7	85.7	87.7	87.2	88.1	89.0	89.5	90.0	90.5	90.5	90.6	90.6	90.6	90.8
IV 500	80.5	84.3	85.5	86.5	89.1	88.3	89.1	91.3	90.9	91.6	92.4	92.4	92.5	92.6	92.6	92.7
IV 400	80.5	84.5	85.7	86.7	88.4	88.9	90.1	91.6	92.6	93.4	94.4	94.6	94.7	94.8	94.8	94.9
IV 300	80.5	84.5	85.8	86.8	88.5	89.2	90.6	92.6	93.5	94.8	96.1	96.5	97.1	97.2	97.2	97.3
IV 200	80.5	84.5	85.8	86.9	88.7	89.5	90.9	92.9	94.2	95.3	96.9	97.2	98.0	98.3	98.4	98.5
IV 100	80.5	84.5	85.8	86.9	88.7	89.5	90.9	92.9	94.2	95.3	96.9	97.2	98.2	98.6	99.5	99.9
IV 0	80.5	84.5	85.8	86.9	88.7	89.5	90.9	92.9	94.2	95.3	96.9	97.2	98.2	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2-30 STATION BUCKLEY ANGB CO

69-70, 73-80 YEARS

MAP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100 HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.3	57.4	57.4	57.5	57.7	57.7	57.7	57.8	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
IV 20000	66.8	68.2	68.2	68.4	68.7	68.7	68.7	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
IV 18000	67.4	68.6	68.6	68.8	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4
IV 16000	67.4	68.6	68.6	68.8	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4
IV 14000	69.2	70.6	70.6	70.9	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
IV 12000	72.3	73.8	73.8	74.1	74.3	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
IV 10000	74.4	75.9	75.9	76.1	76.5	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
IV 9000	74.4	75.9	75.9	76.1	76.5	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
IV 8000	74.5	76.2	76.3	76.6	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
IV 7000	74.6	76.3	76.5	76.7	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3
IV 6000	75.0	77.3	77.4	77.6	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3
IV 5000	76.7	78.6	78.7	78.9	79.2	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6
IV 4500	76.7	78.6	78.8	79.0	79.4	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7
IV 4000	77.8	80.0	80.2	80.4	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
IV 3500	78.2	80.3	80.5	80.8	81.1	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
IV 3000	79.2	81.5	82.2	82.6	82.9	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3
IV 2500	79.2	81.6	82.5	82.9	83.2	83.3	83.4	83.5	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0
IV 2000	79.4	81.7	82.7	83.1	83.5	83.7	83.9	84.1	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5
IV 1800	79.6	82.0	83.0	83.4	83.9	84.0	84.2	84.3	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9
IV 1500	80.3	82.5	83.5	84.2	84.8	84.9	85.3	85.5	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1
IV 1200	81.1	83.8	84.8	85.3	86.0	86.2	86.8	87.0	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
IV 1000	81.1	84.1	85.1	85.6	86.8	87.0	87.8	88.2	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.0
IV 900	81.1	84.1	85.1	85.8	86.8	87.0	87.7	88.1	88.6	89.2	89.0	89.7	89.7	89.9	89.9	89.9
IV 800	81.2	84.3	85.5	86.5	87.5	87.7	88.3	88.9	89.9	90.5	91.1	91.3	91.5	91.5	91.5	91.5
IV 700	81.6	84.7	85.9	86.9	88.0	88.2	89.6	90.4	91.1	91.8	92.2	92.2	92.5	92.5	92.5	92.5
IV 600	81.7	84.9	86.3	87.3	88.7	88.9	90.5	91.5	92.2	93.2	93.5	93.5	93.9	93.9	93.9	93.9
IV 500	81.9	85.2	86.6	87.5	88.9	89.2	91.0	92.0	92.8	94.1	94.5	94.6	95.1	95.1	95.1	95.1
IV 400	81.8	85.4	86.8	87.8	89.2	89.8	91.6	93.7	93.8	95.2	95.8	96.2	96.8	96.8	96.8	96.8
IV 300	81.7	85.4	86.8	87.8	89.2	89.8	91.6	93.2	94.1	95.6	96.5	97.0	98.2	98.2	98.3	98.3
IV 200	81.8	85.4	86.8	87.8	89.4	89.9	91.8	93.5	94.4	96.1	97.1	97.6	99.1	99.2	99.5	99.5
IV 100	81.8	85.4	86.8	87.8	89.4	89.9	91.8	93.5	94.4	96.1	97.1	97.6	99.1	99.2	99.9	100.0
IV 0	81.8	85.4	86.8	87.8	89.4	89.9	91.8	93.5	94.4	96.1	97.1	97.6	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH  
U.S. AFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2736  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70, 73-80  
YEARS

MAR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING IV 20000	52.2	54.2	54.5	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 18000 IV 16000	63.2	64.5	64.8	64.9	64.9	64.9	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 14000 IV 12000	65.1	66.9	66.8	66.9	66.9	66.9	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 10000 IV 9000	69.0	71.4	71.7	71.8	71.8	71.8	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 8000 IV 7000	70.9	72.7	73.0	73.1	73.1	73.1	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 6000 IV 5000	74.7	76.7	77.1	77.4	77.5	77.5	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.4	78.4	78.4
IV 4500 IV 4000	76.9	78.7	79.1	79.5	79.7	79.7	80.1	80.1	80.2	80.2	80.2	80.3	80.5	80.5	80.5	80.5
IV 3500 IV 3000	77.1	78.9	79.4	79.7	79.9	79.9	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.8	80.8	80.8
IV 2500 IV 2000	78.3	80.2	81.0	81.0	81.3	81.3	81.7	81.7	81.8	81.8	81.8	81.9	82.2	82.2	82.2	82.2
IV 1800 IV 1500	79.0	81.9	82.4	82.8	83.1	83.1	83.7	83.7	83.8	83.8	83.8	83.9	84.1	84.1	84.1	84.1
IV 1200 IV 1000	80.4	83.4	84.3	84.8	85.2	85.2	85.9	86.0	86.1	86.1	86.1	86.2	86.5	86.5	86.5	86.5
IV 900 IV 800	81.7	84.9	85.7	86.2	86.7	86.7	87.4	87.5	87.8	87.8	87.8	88.0	88.2	88.2	88.2	88.2
IV 700 IV 600	82.3	85.6	86.5	87.1	87.7	87.7	88.5	88.6	89.1	89.0	89.0	89.2	89.4	89.4	89.4	89.4
IV 500 IV 400	83.2	87.2	88.7	89.5	90.1	90.1	91.5	91.9	92.4	92.4	92.4	92.6	92.7	92.9	92.9	92.9
IV 300 IV 200	83.3	87.4	89.0	89.8	90.4	90.4	91.8	92.4	92.8	92.9	93.2	93.3	93.5	93.5	93.5	93.5
IV 100 IV 0	83.6	88.1	89.8	90.5	91.2	91.2	92.6	93.1	93.5	93.8	94.2	94.3	94.6	94.6	94.6	94.6
	84.1	88.4	90.2	91.1	91.7	91.7	93.1	94.1	94.5	94.8	94.7	94.8	95.4	95.5	95.9	95.9
	84.0	88.5	90.5	91.4	92.2	92.2	93.7	94.7	95.2	95.7	96.2	96.5	96.9	96.9	97.1	97.1
	84.0	88.5	90.5	91.4	92.2	92.2	93.7	94.8	95.3	96.0	96.9	97.4	98.0	98.0	98.2	98.2
	84.0	88.5	90.5	91.4	92.5	92.5	94.0	95.3	95.8	96.7	97.5	98.3	99.1	99.1	99.4	99.4
	84.0	88.5	90.5	91.4	92.5	92.5	94.0	95.3	95.8	96.8	97.6	98.4	99.5	99.5	99.8	99.8
	84.0	88.5	90.5	91.4	92.5	92.5	94.0	95.3	95.8	96.8	97.6	98.4	99.5	99.5	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAJ

# CEILING VERSUS VISIBILITY

2736 WICKLEY ANGB CO STATION NAME

69-70,73-80 YEARS

MAR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	47.7	48.7	49.1	49.1	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥20000	56.6	58.0	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 18000	56.6	58.2	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 16000	57.6	58.6	59.1	59.1	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 14000	59.7	61.1	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 12000	63.6	65.7	66.3	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 10000	66.7	68.2	69.1	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 9000	66.3	68.3	69.2	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 8000	67.3	68.8	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 7000	69.3	69.6	70.5	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 6000	72.9	74.6	75.7	75.8	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 5000	75.6	77.4	78.6	78.7	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 4500	75.7	77.6	78.6	78.9	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 4000	77.7	79.0	80.5	80.6	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 3500	77.7	79.7	81.3	81.4	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 3000	79.5	80.9	82.5	82.5	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 2500	79.6	82.2	84.3	84.5	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2000	80.7	83.4	86.7	86.7	87.0	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 1800	80.9	83.4	86.7	86.7	87.0	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 1500	81.5	84.3	87.1	87.5	88.3	88.3	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1200	82.3	85.4	88.2	88.5	89.4	89.4	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1000	82.6	85.6	88.6	89.1	89.6	89.6	90.3	91.6	91.6	91.6	92.0	92.3	92.3	92.4	92.4	92.4
IV 900	82.3	86.3	89.3	89.7	90.4	90.4	91.3	92.7	92.7	92.7	93.2	93.4	93.4	93.7	93.7	93.7
IV 800	82.9	86.6	89.5	90.1	90.8	90.8	91.7	93.2	93.2	93.2	93.8	94.2	94.2	94.4	94.4	94.4
IV 700	82.9	86.6	89.5	90.4	91.2	91.2	92.2	93.8	93.8	93.8	94.4	94.9	94.9	95.3	95.3	95.3
IV 600	82.9	86.6	89.5	90.4	91.3	91.3	92.4	94.1	94.1	94.1	94.7	95.3	95.3	95.6	95.6	95.6
IV 500	82.9	87.1	90.1	91.1	92.7	92.7	93.1	94.8	94.8	94.8	95.7	96.2	96.3	97.0	97.0	97.0
IV 400	83.7	87.2	90.4	91.4	92.4	92.4	93.5	95.4	95.4	95.4	96.7	97.3	97.4	98.1	98.2	98.2
IV 300	83.0	87.3	90.5	91.5	92.5	92.5	93.5	95.6	95.6	95.6	96.9	97.6	97.7	98.6	98.7	98.8
IV 200	83.0	87.3	90.5	91.5	92.5	92.5	93.5	95.6	95.6	95.6	97.0	97.8	98.2	99.1	99.2	99.6
IV 100	83.0	87.3	90.5	91.5	92.5	92.5	93.5	95.6	95.6	95.6	97.0	97.8	98.2	99.1	99.2	99.7
IV 0	83.0	87.3	90.5	91.5	92.5	92.5	93.5	95.6	95.6	95.6	97.0	97.8	98.2	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2-30 STATION BUCKLEY ANG B CO

69-70, 73-80 YEARS

MAR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2100 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	52.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 20000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 18000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 16000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 14000	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	64.1
IV 12000	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 10000	70.9	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	71.0	71.0
IV 9000	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
IV 8000	72.9	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 7000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 6000	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 5000	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	78.3	78.3
IV 4500	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	78.4	78.4
IV 4000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 3500	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	81.2	81.2
IV 3000	82.5	82.5	82.5	82.5	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 2500	83.9	83.9	83.9	83.9	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 2000	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	84.0	84.0
IV 1800	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	85.8	85.8
IV 1500	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	85.9	85.9
IV 1200	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	87.0
IV 1000	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	88.6	88.6	88.6
IV 900	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	89.9
IV 800	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 700	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
IV 600	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	92.6	92.6
IV 500	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	93.5
IV 400	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
IV 300	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	95.7	95.7	95.7
IV 200	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
IV 100	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
IV 0	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

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23030 STATION BUCKLEY ANG S

69-70, 73-80 YEARS

MAR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING ≥ 20000	58.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV ≥ 18000 16000	63.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV ≥ 14000 12000	64.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV ≥ 10000 9000	69.9	70.3	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 ≥ 8000 7000	70.3	71.4	71.6	71.6	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 ≥ 6000 5000	73.4	74.6	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	75.0
IV ≥ 4500 4000	74.4	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	76.5	76.5
IV ≥ 3500 3000	76.7	79.2	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 2000	77.9	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV ≥ 1800 1500	78.7	81.8	82.8	82.8	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 ≥ 1200 1000	79.7	82.9	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 ≥ 900 800	81.0	83.9	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 ≥ 700	81.0	83.8	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 ≥ 500 400	80.6	84.6	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 ≥ 300 200	80.6	85.3	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	87.3
IV ≥ 100 0	80.6	85.3	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

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFB WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23039  
 STATION BUCKLEY ANGB CO  
 STATION NAME

69-70, 73-80  
 YEARS

MAR  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.4	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000	64.1	65.3	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
IN 18000	64.2	65.4	65.5	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
IN 16000	64.5	65.6	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IN 14000	66.1	67.2	67.4	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IN 12000	66.8	70.1	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
IN 10000	71.1	72.5	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
IN 9000	71.3	72.7	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
IN 8000	72.2	73.6	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2
IN 7000	72.7	74.1	74.4	74.5	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IN 6000	74.4	76.3	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
IN 5000	76.5	77.7	78.1	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
IN 4500	76.2	77.8	78.2	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8
IN 4000	77.4	79.3	79.8	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.5
IN 3500	77.9	79.9	80.5	80.6	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
IN 3000	78.6	81.9	81.6	81.8	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.5
IN 2500	79.3	81.9	82.6	82.8	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.7
IN 2000	80.2	83.3	83.9	84.2	84.7	84.8	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4
IN 1800	80.8	83.8	84.9	85.3	85.9	86.0	86.3	86.4	86.6	86.6	86.7	86.7	86.8	86.8	86.8	86.8
IN 1500	81.4	84.7	86.0	86.4	87.1	87.2	87.6	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.3
IN 1200	81.7	85.1	86.4	87.0	87.8	87.9	88.4	88.8	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.4
IN 900	81.8	85.3	86.7	87.2	88.0	88.2	88.8	89.3	89.6	89.8	89.9	90.0	90.1	90.1	90.1	90.1
IN 800	81.9	85.5	87.1	87.6	88.5	88.7	89.4	90.1	90.3	90.7	90.9	90.9	91.0	91.0	91.0	91.1
IN 700	82.1	85.8	87.2	87.9	88.9	89.1	89.8	90.6	90.9	91.4	91.7	91.7	91.9	91.9	91.9	91.9
IN 600	82.2	86.1	87.5	88.3	89.3	89.5	90.3	91.4	91.8	92.4	92.7	92.8	93.0	93.0	93.0	93.0
IN 500	82.3	86.3	87.9	88.8	89.8	90.0	90.9	92.1	92.6	93.4	94.0	94.0	94.3	94.3	94.4	94.4
IN 400	82.4	86.4	88.2	89.1	90.3	90.6	91.6	93.0	93.7	94.7	95.5	95.6	96.0	96.0	96.1	96.2
IN 300	82.4	86.6	88.3	89.2	90.6	91.0	92.0	93.7	94.5	95.7	96.7	96.9	97.5	97.6	97.8	97.8
IN 200	82.4	86.6	88.4	89.2	90.8	91.2	92.3	94.1	94.9	96.2	97.3	97.6	98.6	98.6	99.0	99.1
IN 100	82.4	86.6	88.4	89.2	90.8	91.2	92.3	94.1	94.9	96.2	97.3	97.6	98.7	98.8	99.5	99.7
IN 0	82.4	86.6	88.4	89.2	90.8	91.2	92.3	94.1	94.9	96.2	97.3	97.6	98.7	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 WPAFB  
 AIR LEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27036  
STATION

HUCKLEY ANGB CO  
STATION NAME

69-70,73-81  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.2	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	71.1	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 18000	71.2	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 16000	71.4	71.9	71.9	71.9	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 14000	72.1	72.6	72.6	72.6	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	73.4	73.9	73.9	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
IV 10000	76.7	77.1	77.1	77.1	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 9000	77.7	78.1	78.1	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
IV 8000	79.3	79.8	79.8	79.8	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 7000	76.9	77.3	77.3	77.3	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 6000	80.4	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 5000	82.0	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	83.7
IV 4500	83.0	83.6	83.6	83.6	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 4000	84.7	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	85.1	85.9	85.9	85.9	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 3000	85.6	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2500	85.9	86.8	86.8	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
IV 2000	86.5	88.0	88.0	88.0	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 1800	87.1	88.1	88.1	88.1	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 1500	87.7	88.3	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1200	87.7	88.9	88.9	88.9	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 1000	87.7	89.2	89.2	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 900	88.1	89.8	89.8	89.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 800	88.7	89.8	89.8	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 700	88.2	89.9	89.9	89.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 600	88.4	90.2	90.2	90.2	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 500	89.9	90.8	90.8	90.8	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 400	88.9	90.8	90.8	90.8	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 300	89.1	91.1	91.1	91.1	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 200	89.1	91.1	91.1	91.1	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 100	89.1	91.1	91.1	91.1	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 0	89.1	91.1	91.1	91.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1

TOTAL NUMBER OF OBSERVATIONS 900



GLOBAL CLIMATOLOGY BRANCH  
 USFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

22.38  
STATION

BUCKLEY ANSB CO  
STATION NAME

69-73.73-50  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0500  
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	67.1	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1
≥ 20000	72.6	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.7	73.7	73.7
≥ 18000	72.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.7	73.7	73.7
IV 16000	72.9	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0
≥ 14000	73.2	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.3
IV 12000	74.9	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9
≥ 10000	76.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9
IV 9000	76.9	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0
≥ 8000	77.4	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6
IV 7000	78.4	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2
≥ 6000	79.4	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.6	80.6	80.6	80.6
IV 5000	81.1	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1
≥ 4500	81.1	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4
IV 4000	82.7	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0
≥ 3500	82.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1
IV 3000	83.7	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 2500	83.4	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
IV 2000	84.3	85.7	85.7	85.7	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4
≥ 1800	84.7	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8
IV 1500	85.2	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.3	87.3	87.3	87.3	87.6	87.6	87.6	87.6
≥ 1200	85.3	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.9	87.9	87.9	87.9
IV 1000	85.7	87.3	87.3	87.3	87.6	87.6	87.6	87.6	88.1	88.1	88.1	88.1	88.4	88.4	88.4	88.4
≥ 900	85.3	87.7	87.7	87.7	88.3	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.9	88.9	88.9	88.9
IV 800	85.9	87.9	87.9	87.9	88.6	88.6	88.6	88.6	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 700	86.1	88.2	88.2	88.2	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9
IV 600	86.1	88.3	88.3	88.3	89.6	89.6	89.6	89.6	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6
≥ 500	86.3	89.0	89.0	89.0	91.7	91.7	91.7	91.7	92.3	92.3	92.3	92.3	92.8	92.8	92.8	92.8
IV 400	86.1	89.2	89.2	89.2	92.8	92.8	92.8	92.8	93.4	93.4	93.4	93.4	94.7	94.7	94.7	94.7
≥ 300	86.1	89.3	89.3	89.3	93.3	93.3	93.3	93.3	94.0	94.0	94.0	94.0	95.3	95.3	95.3	95.3
IV 200	86.1	89.3	89.3	89.3	93.6	93.6	93.6	93.6	94.4	94.4	94.4	94.4	96.0	96.0	96.0	96.0
≥ 100	85.3	89.3	89.3	89.3	93.6	93.6	93.6	93.6	94.4	94.4	94.4	94.4	97.7	97.7	97.7	97.7
IV 0	86.1	89.3	89.3	89.3	93.6	93.6	93.6	93.6	94.4	94.4	94.4	94.4	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 900

DIGITAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2430 BUCKLEY AFB CO

69-70, 73-80

APP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0600  
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0	
NO CEILING	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.6
≥ 20000	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	73.1
IV 18000	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	73.1
IV 16000	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1	73.1	73.1	73.3
IV 14000	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.6	73.6	73.6	73.8
IV 12000	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8	75.8	76.0
IV 10000	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.8
IV 9000	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.2
IV 8000	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.2
IV 7000	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.7
IV 6000	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	81.0
IV 5000	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	81.9	81.9	81.9	82.1
IV 4500	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.6
IV 4000	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	83.1
IV 3500	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.6
IV 3000	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.8	84.1
IV 2500	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.6
IV 2000	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	85.1
IV 1800	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.6
IV 1500	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	86.1
IV 1200	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.6
IV 1000	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8	87.1
IV 700	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.6
IV 600	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	88.1
IV 500	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	88.3	88.3	88.3	88.6
IV 400	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	89.1
IV 300	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.6
IV 200	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	90.1
IV 100	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.6
IV 0	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	91.1

TOTAL NUMBER OF OBSERVATIONS 916

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27356  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1951  
PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	63.8	63.8	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	73.9	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 18000	73.9	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	74.2
IV 16000	73.9	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	74.2
IV 14000	74.4	74.4	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	74.8
IV 12000	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 10000	78.4	78.4	78.8	78.8	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 9000	78.8	78.8	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 8000	79.3	79.3	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 7000	79.3	79.3	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 6000	81.0	81.0	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 5000	81.0	81.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	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	82.4	82.4
IV 4000	83.3	83.3	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	83.8
IV 3500	83.7	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 3000	84.2	84.2	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
IV 2500	84.8	84.8	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	85.2
IV 2000	84.9	84.9	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 1800	85.7	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
IV 1500	86.0	86.0	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 1200	86.4	86.4	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
IV 1000	86.7	86.7	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
IV 900	86.7	86.7	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 800	87.1	87.1	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
IV 700	87.1	87.1	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	89.3
IV 600	87.1	87.1	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	89.3
IV 500	87.1	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
IV 400	87.3	87.3	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	90.4
IV 300	87.4	87.4	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	91.7
IV 200	87.4	87.4	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	91.7
IV 100	87.4	87.4	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	91.7
IV 0	87.4	87.4	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	91.7

TOTAL NUMBER OF OBSERVATIONS 950

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAG

# CEILING VERSUS VISIBILITY

2030  
STATION

BUCKLEY ANG CO  
STATION NAME

67-70.73-48  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	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	63.7	63.7
IV 18000	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 16000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 14000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 12000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 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
IV 9000	71.6	71.6	71.6	71.6	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 8000	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	72.9
IV 7000	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	72.9
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	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	81.2	81.2
IV 4500	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	81.7	81.7	81.7
IV 4000	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	85.2	85.2	85.2
IV 3500	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	86.0	86.0	86.0
IV 3000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2500	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	88.8
IV 2000	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 1800	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	89.9
IV 1500	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	90.7	90.7
IV 1200	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 1000	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 900	93.9	93.9	93.9	93.9	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 800	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 700	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 600	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 500	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
IV 400	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
IV 300	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
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	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 0	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

TOTAL NUMBER OF OBSERVATIONS 400

FEDERAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2130  
 STATION

BUCKLEY ANGR CO  
 STATION NAME

69-70,73-79  
 YEARS

APP  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	41.3	41.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥20000	53.1	53.1	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 18000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 16000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 14000	55.1	55.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 12000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 10000	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	66.3	66.3
IV 9000	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	66.3	66.3
IV 8000	67.4	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 7000	67.7	67.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 6000	74.4	74.4	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
IV 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
IV 4500	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	82.6	82.6
IV 4000	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	85.9	85.9
IV 3500	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	86.8	86.8
IV 3000	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 2500	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 2000	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 1800	90.3	90.3	90.3	90.3	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 1500	91.8	91.8	91.8	91.8	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 1200	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
IV 1000	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 900	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 800	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 700	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 600	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 500	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 400	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 300	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
IV 200	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
IV 100	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 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	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2730  
STATION

SUCKLEY ANG CO  
STATION NAME

69-70.73-30  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0	
NO CEILING	53.7	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.6
≥ 20000	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	62.8	62.8
IV 18000	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	62.8	62.8
IV 16000	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	62.8	62.8
IV 14000	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	64.2	64.2
IV 12000	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	70.0	70.1	70.1
IV 10000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9
IV 9000	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	74.9	75.0	75.0
IV 8000	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	74.9	75.0	75.0
IV 7000	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	75.1	75.1	75.2	75.2
IV 6000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
IV 5000	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	84.6	84.6
IV 4500	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	84.6	84.6	84.7	84.7
IV 4000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
IV 3500	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
IV 3000	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	87.3	87.3
IV 2500	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	89.3	89.3	89.4	89.4
IV 2000	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	89.3	89.3	89.4	89.4
IV 1800	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	89.3	89.3	89.4	89.4
IV 1500	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	90.7	90.8	90.8
IV 1200	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	90.7	90.8	90.8
IV 1000	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	91.2	91.2
IV 900	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	91.2	91.2
IV 800	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	91.2	91.2
IV 700	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	91.2	91.2
IV 600	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	91.2	91.2
IV 500	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	91.2	91.2
IV 400	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	91.2	91.2
IV 300	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	91.2	91.2
IV 200	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	91.2	91.2
IV 100	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	91.2	91.2
IV 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	91.1	91.1	91.2	91.2

TOTAL NUMBER OF OBSERVATIONS 261

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27035  
STATION

BUCKLEY AVSB CO  
STATION NAME

69-70,73-80  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS, U.T.C.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING IV 20000	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
IV 18000	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8
IV 16000	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8
IV 14000	70.2	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3
IV 12000	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1
IV 10000	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6
IV 9000	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1
IV 8000	79.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2
IV 7000	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	79.9
IV 6000	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9
IV 5000	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.7	84.7
IV 4500	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2
IV 4000	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	86.7
IV 3500	86.4	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	87.4	87.4
IV 3000	87.3	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.9	88.9
IV 2500	87.3	88.2	88.3	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.4
IV 2000	87.9	89.0	89.1	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.3	90.3
IV 1800	88.1	89.2	89.3	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.6	90.6
IV 1500	88.1	89.7	89.8	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.2	91.2
IV 1200	88.3	90.1	90.4	90.7	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.9	91.9
IV 1000	88.3	90.3	90.5	91.0	91.7	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.8	92.8
IV 900	88.6	90.7	91.2	91.6	92.2	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.3	93.3
IV 800	88.6	90.7	91.3	91.7	92.3	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.4	93.4
IV 700	88.9	91.0	91.7	92.1	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.9	93.9
IV 600	89.0	91.0	92.0	92.4	93.2	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.3	94.3
IV 500	89.6	91.7	92.4	92.9	93.7	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8	94.8
IV 400	89.9	92.0	93.0	93.7	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.6	95.6
IV 300	90.0	92.1	93.1	94.0	95.0	95.0	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	97.0	97.0
IV 200	90.0	92.1	93.1	94.0	95.0	95.0	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.9	96.9
IV 100	90.0	92.1	93.1	94.0	95.0	95.0	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	97.0	97.0
IV 0	90.0	92.1	93.1	94.0	95.0	95.0	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 SAFETAC  
 AIR WEATHER SERVICE/MAL

# CEILING VERSUS VISIBILITY

2075 STATION HUCKLEY ANGR CO

62-70.73-80 YEARS

APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 MONTHS (YR)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	54.0	59.3	57.4	59.4	59.5	59.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6
IV 20000	67.3	67.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.9
IV 18000	67.3	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9
IV 16000	67.3	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1
IV 14000	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9
IV 12000	71.4	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
IV 10000	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2
IV 9000	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7
IV 8000	76.1	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
IV 7000	76.3	76.6	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	76.9
IV 6000	79.1	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
IV 5000	81.9	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7
IV 4500	82.3	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
IV 4000	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1
IV 3500	84.4	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.6
IV 3000	84.7	85.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4
IV 2500	86.2	86.9	86.8	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
IV 2000	86.2	87.3	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3
IV 1800	86.4	87.4	87.8	88.0	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.6
IV 1500	86.7	88.0	88.5	88.7	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.5	89.5
IV 1200	87.0	88.9	89.1	89.3	89.7	89.7	89.9	89.9	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.4
IV 1000	87.3	89.3	89.6	89.8	90.3	90.3	90.6	90.6	90.8	90.8	90.9	90.9	91.0	91.0	91.1	91.1
IV 900	87.6	89.7	90.1	90.4	90.8	90.9	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.8	91.8
IV 800	87.7	89.9	90.3	90.6	91.1	91.1	91.5	91.7	91.8	91.8	91.9	91.9	92.0	92.1	92.1	92.2
IV 700	87.9	89.7	90.5	91.1	91.6	91.6	92.1	92.3	92.4	92.4	92.5	92.5	92.6	92.7	92.8	92.8
IV 600	87.7	89.9	90.9	91.3	92.0	92.0	92.5	92.8	93.0	93.1	93.1	93.1	93.4	93.5	93.5	93.5
IV 500	88.2	90.3	91.4	91.9	92.8	92.8	93.5	93.8	94.1	94.2	94.2	94.5	94.5	94.7	94.7	94.7
IV 400	88.3	90.4	91.5	92.0	93.4	93.5	94.3	94.6	95.1	95.5	95.5	95.9	96.0	96.1	96.2	96.2
IV 300	88.4	90.6	92.0	92.6	93.9	94.0	94.9	95.6	96.1	96.5	97.1	97.4	97.5	97.6	97.8	97.9
IV 200	88.4	90.6	92.1	92.8	94.1	94.3	95.2	95.9	96.4	96.9	97.9	98.3	98.6	98.7	99.1	99.3
IV 100	88.4	90.6	92.1	92.8	94.1	94.3	95.2	96.1	96.5	97.0	98.1	98.4	98.9	99.0	99.5	99.9
IV 0	88.4	90.6	92.1	92.8	94.1	94.3	95.2	96.0	96.5	97.0	98.1	98.5	98.9	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/LMAC

# CEILING VERSUS VISIBILITY

2-36  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70.75-80  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING	62.3	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	72.4	73.1	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
IV ≥ 1800	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000	72.4	73.1	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
IV ≥ 14000	69.5	70.4	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
≥ 12000	72.4	73.1	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
IV ≥ 10000	75.3	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	76.5	76.5
≥ 9000	76.3	76.9	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	77.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	77.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV ≥ 6000	81.1	81.6	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	82.7	83.7	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 ≥ 4500	82.8	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	83.8
≥ 4000	84.7	85.8	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
IV ≥ 3500	85.7	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
≥ 3000	87.4	88.8	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 ≥ 2500	87.7	89.4	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
≥ 2000	89.1	90.9	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 ≥ 1800	89.1	90.9	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
≥ 1500	89.5	91.2	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 ≥ 1200	89.8	91.6	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
≥ 1000	90.1	92.1	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 ≥ 900	91.3	92.9	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
≥ 800	91.4	92.7	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
IV ≥ 700	91.5	93.0	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
≥ 600	91.5	93.0	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	91.3	93.7	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
≥ 400	91.3	94.4	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
IV ≥ 300	91.9	94.6	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
≥ 200	92.0	94.7	95.8	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 ≥ 100	92.0	94.9	95.8	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
≥ 0	92.0	94.9	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	96.0

TOTAL NUMBER OF OBSERVATIONS 933

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27 75  
STATION

DUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1310-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7
≥ 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	71.6
≥ 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	71.6
≥ 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	72.0
≥ 14000	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	72.4	72.5
≥ 12000	73.5	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	74.4
≥ 10000	76.1	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	77.0
≥ 9000	76.5	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	77.3
≥ 8000	77.3	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	78.1
≥ 7000	77.2	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2
≥ 6000	79.2	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2
≥ 5000	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5
≥ 4500	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5
≥ 4000	83.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7
≥ 3500	84.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8
≥ 3000	84.8	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7
≥ 2500	85.5	87.1	87.1	87.1	87.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7
≥ 2000	86.1	88.4	88.4	88.4	88.4	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.2
≥ 1800	86.3	88.4	88.4	88.4	88.4	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.2
≥ 1500	86.3	88.4	88.4	88.4	88.4	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.5
≥ 1200	87.4	89.1	89.1	89.1	89.1	89.1	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0
≥ 1000	87.4	89.1	89.1	89.1	89.1	89.1	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.5
≥ 900	87.4	89.1	89.1	89.1	89.1	89.1	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	91.2
≥ 800	87.4	89.1	89.1	89.1	89.1	89.1	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	91.4
≥ 700	88.4	90.5	90.5	90.5	90.5	90.5	90.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.9
≥ 600	88.4	90.5	90.5	90.5	90.5	90.5	90.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	92.6
≥ 500	89.3	91.7	91.7	91.7	91.7	91.7	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.5
≥ 400	89.3	91.7	91.7	91.7	91.7	91.7	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.5
≥ 300	90.0	92.9	92.9	92.9	92.9	92.9	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.7
≥ 200	90.0	92.9	92.9	92.9	92.9	92.9	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.7
≥ 100	93.1	94.3	94.3	94.3	94.3	94.3	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.5
≥ 0	93.1	94.3	94.3	94.3	94.3	94.3	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.5

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27336  
STATION

FUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING ≥ 20000	61.4	61.9	61.9	61.9	61.9	61.9	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 18000 IV 16000	71.2	71.7	71.7	71.8	71.8	71.8	71.9	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.5
IV 14000	71.5	72.0	72.0	72.2	72.2	72.2	72.3	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8
IV 12000	72.6	73.1	73.1	73.2	73.2	73.2	73.3	73.5	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9
IV 10000	74.4	74.9	74.9	75.1	75.1	75.1	75.2	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8
IV 9300	76.9	77.4	77.4	77.5	77.5	77.5	77.6	77.8	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.3
IV 8000	78.2	78.6	78.6	78.9	79.1	79.1	79.2	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9
IV 7000	78.3	78.9	78.9	79.1	79.2	79.2	79.4	79.6	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.0
IV 6000	79.2	79.7	79.7	80.0	80.2	80.2	80.3	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	81.0
IV 5000	80.9	81.5	81.5	81.6	81.8	81.8	81.9	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6
IV 4500	81.2	81.8	81.8	81.9	82.2	82.2	82.3	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9
IV 4000	81.9	82.3	82.3	82.4	82.6	82.6	82.7	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.3
IV 3500	82.4	83.1	83.1	83.2	83.4	83.4	83.5	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2
IV 3000	83.2	83.8	83.8	84.1	84.3	84.3	84.4	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.1
IV 2500	83.9	84.6	84.6	84.7	85.5	85.5	85.6	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.2
IV 2000	84.6	85.5	85.5	85.6	87.0	87.0	87.1	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.7
IV 1800	84.6	85.5	85.5	85.6	87.0	87.0	87.1	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.7
IV 1500	85.2	86.1	86.1	86.2	87.6	87.6	87.7	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.4
IV 1200	85.5	86.6	86.6	86.7	88.4	88.4	88.5	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1
IV 1000	85.7	87.3	87.3	87.4	89.5	89.5	89.6	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.3
IV 900	86.7	88.6	88.6	88.7	91.8	91.8	91.9	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.6
IV 800	86.8	88.8	88.8	88.9	91.7	91.7	91.7	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.6
IV 700	86.9	89.1	89.1	89.2	91.2	91.2	91.3	91.4	91.7	91.8	91.8	91.8	91.9	91.9	91.9	92.0
IV 600	87.3	89.7	89.7	89.8	92.7	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.3
IV 500	87.5	90.1	90.1	90.2	94.0	94.0	94.1	94.6	94.9	95.2	95.3	95.4	95.4	95.5	95.5	95.7
IV 400	87.9	90.2	90.2	90.3	94.7	94.7	94.8	95.5	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.7
IV 300	87.6	90.4	90.4	90.5	95.1	95.1	95.2	95.9	96.6	96.9	97.2	97.5	97.5	98.1	98.2	98.4
IV 200	87.8	90.4	90.4	90.5	95.1	95.1	95.2	96.0	96.8	97.2	97.5	97.8	98.0	98.5	98.6	98.9
IV 100	87.6	90.4	90.4	90.5	95.1	95.1	95.2	96.1	96.9	97.3	97.6	98.1	98.1	98.6	98.6	99.5
IV 0	87.9	90.4	90.4	90.5	95.1	95.1	95.2	96.1	96.9	97.3	97.6	98.1	98.1	98.6	98.6	99.5

TOTAL NUMBER OF OBSERVATIONS 43

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 2730 BUCKLEY ANG B CO STATION NAME

69-70-73-80 YEARS

MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1910-1100  
HOURS UT-5

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	74.2	74.7	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	75.1
IVM 18000	74.2	74.7	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	75.1
IVM 16000	74.2	74.7	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	75.1
IVM 14000	75.5	76.0	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
IVM 12000	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
IVM 10000	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IVM 9000	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IVM 8000	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	81.7	81.7	81.7
IVM 7000	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	81.7	81.7	81.7
IVM 6000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IVM 5000	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	83.2
IVM 4500	84.5	84.5	84.5	84.5	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 4000	84.5	84.5	84.5	84.5	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 3500	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	86.2
IVM 3000	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	87.1	87.1
IVM 2500	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IVM 2000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IVM 1800	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IVM 1500	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	91.9
IVM 1200	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
IVM 1000	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
IVM 900	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IVM 800	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
IVM 700	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	95.7	95.7	95.7
IVM 600	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	95.7	95.7	95.7
IVM 500	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
IVM 400	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IVM 300	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
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 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2036  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-85  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING ≥ 20000	49.8	49.8	49.9	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 18000 16000	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	62.9
IV 14000 12000	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	63.7	63.7
IV 10000 9000	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	71.7	71.7
IV 8000 7000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 6000 5000	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 4500 4000	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
IV 3500 3000	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	88.6	88.6	88.6
IV 2500 2000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1800 1500	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	91.9
IV 1200 1000	93.9	93.9	93.9	93.9	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 900 800	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 700 600	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	96.6	96.6
IV 500 400	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
IV 300 200	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
IV 100 0	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

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFD WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 2436 BUCKLEY ANGFB CO STATION NAME 69-70.73-80 YEARS MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	38.7	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
IV 20000	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
IV 18000	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 14000	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 12000	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 10000	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
IV 9000	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	70.2
IV 8000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 7000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 6000	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	81.7	81.7	81.7
IV 5000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 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
IV 4000	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 3500	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	89.9
IV 3000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	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 2000	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
IV 1800	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
IV 1500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1200	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 1000	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	96.0	96.0	96.0
IV 900	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 800	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 700	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 600	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 500	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	98.5	98.5
IV 400	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
IV 300	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 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
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 937

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23436

BUCKLEY ANGB CO

69-70, 73-80

MAY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
 HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	44.8	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	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 18000	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	65.1	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	65.4	65.4
≥ 10000	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000	72.5	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
≥ 8000	74.5	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	74.9
≥ 7000	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	75.7
≥ 6000	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	81.2	81.2
≥ 5000	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
≥ 4500	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	89.9
≥ 4000	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	89.9
≥ 3500	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
≥ 3000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	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	92.6	92.6
≥ 2000	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	93.5
≥ 1800	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	93.5
≥ 1500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	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	95.1
≥ 1000	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	95.7	95.7	95.7
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 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
≥ 300	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	99.0	99.0	99.0
≥ 200	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
≥ 100	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
0	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

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 2736 BUCKLEY ANG CO STATION NAME 69-70.73-83 YEARS MONTH MAY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IVM 18000	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	66.3	66.3
IVM 16000	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	66.3	66.3
IVM 14000	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	67.3	67.3
IVM 12000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IVM 10000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IVM 9000	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	76.2
IVM 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
IVM 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
IVM 6000	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	81.2	81.2
IVM 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
IVM 4500	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	86.0	86.0	86.0
IVM 4000	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	88.6	88.6	88.6
IVM 3500	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVM 3000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IVM 2500	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 2000	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
IVM 1800	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	92.5	92.5
IVM 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
IVM 1200	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
IVM 1000	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	94.8
IVM 900	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
IVM 800	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
IVM 700	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 600	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	96.0	96.0	96.0
IVM 500	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
IVM 400	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
IVM 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
IVM 200	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
IVM 100	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	99.0	99.0	99.0
IVM 0	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

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2330  
STATION

BUCKLEY ANGB 20  
STATION NAME

69-70,73-80  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	55.4	55.9	55.9	55.0	55.9	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	55.4	55.9	55.9	55.0	55.9	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 18000	65.4	65.9	65.9	65.0	65.9	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 16000	65.6	66.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2
IV 14000	66.8	66.9	67.1	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 12000	70.7	70.5	70.5	70.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
IV 10000	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 9000	74.9	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	75.5
IV 8000	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 7000	76.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 6000	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 5000	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
IV 4500	84.2	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
IV 4000	85.2	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
IV 3500	86.7	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3000	87.4	88.4	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
IV 2500	89.4	89.4	89.4	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
IV 2000	89.7	90.4	90.8	90.9	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	89.3	90.5	90.8	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
IV 1500	89.3	91.1	91.4	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
IV 1200	90.3	91.9	92.2	92.4	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1000	90.6	92.3	92.7	92.8	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7
IV 900	90.9	93.0	93.5	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 800	91.1	93.3	93.8	94.1	94.4	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 700	91.2	93.5	94.1	94.4	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1
IV 600	91.3	93.8	94.3	94.9	95.3	95.4	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9
IV 500	91.7	94.3	95.1	95.6	96.2	96.3	96.5	96.7	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0
IV 400	91.8	94.5	95.3	95.9	96.7	96.9	97.3	97.5	97.6	97.8	97.9	98.0	98.0	98.0	98.1	98.1
IV 300	91.5	94.7	95.6	96.2	97.1	97.2	97.6	98.0	98.1	98.4	98.6	98.7	98.7	99.0	99.0	99.1
IV 200	92.0	94.7	95.6	96.2	97.2	97.4	97.8	98.2	98.3	98.7	99.0	99.1	99.1	99.4	99.5	99.5
IV 100	92.0	94.7	95.6	96.3	97.3	97.6	98.0	98.3	98.5	98.9	99.2	99.3	99.3	99.5	99.6	99.9
IV 0	92.0	94.7	95.6	96.3	97.3	97.6	98.0	98.3	98.5	98.9	99.2	99.3	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7446

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27.35  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

1116  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	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	73.7
IV ≥ 18000	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 ≥ 16000	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	80.2	80.2
IV ≥ 14000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV ≥ 12000	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
IV ≥ 10000	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	87.8
IV ≥ 9000	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	88.1
IV ≥ 8000	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	88.4
IV ≥ 7000	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	88.9
IV ≥ 6000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV ≥ 5000	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
IV ≥ 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
IV ≥ 4000	93.9	93.9	93.9	93.9	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 ≥ 3500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV ≥ 3000	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 ≥ 2500	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 ≥ 2000	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
IV ≥ 1800	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
IV ≥ 1500	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 ≥ 1200	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV ≥ 1000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV ≥ 900	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 ≥ 800	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
IV ≥ 700	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
IV ≥ 600	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
IV ≥ 500	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
IV ≥ 400	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
IV ≥ 300	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 ≥ 200	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 ≥ 100	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 ≥ 0	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

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2536  
STATION

BUCKLEY ANG B CO  
STATION NAME

69-70,73-80  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	74.9	73.2	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	75.3
IV 20000	75.9	79.2	77.2	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
IV 18000	79.1	79.4	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 16000	79.8	79.9	79.9	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
IV 14000	80.4	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 12000	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 10000	85.1	85.3	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
IV 9000	85.1	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	85.4
IV 8000	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	86.4	86.4	86.4
IV 7000	86.4	86.6	86.6	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
IV 6000	89.3	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	89.2
IV 5000	90.7	90.3	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
IV 4500	91.1	90.7	90.7	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
IV 4000	91.3	91.3	91.3	91.9	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 3500	91.6	92.1	92.1	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
IV 3000	92.0	92.6	92.6	92.7	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 2500	92.2	92.8	92.8	92.9	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 2000	92.3	93.4	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800	93.0	93.8	93.8	93.9	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 1500	93.9	94.4	94.4	94.7	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 1200	93.4	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1000	94.1	95.2	95.2	95.4	96.3	96.3	96.3	96.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 900	94.1	95.4	95.7	95.8	96.3	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 800	94.7	95.7	96.1	96.1	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 700	94.2	95.8	96.1	96.2	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 600	94.4	96.3	96.7	96.8	97.6	97.6	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 500	94.7	96.6	96.9	97.0	97.8	97.8	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	95.0	97.2	97.6	97.7	98.4	98.4	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	95.1	97.4	97.8	97.9	98.7	98.7	98.9	98.9	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	95.1	97.4	97.8	97.9	98.7	98.7	98.9	98.9	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	95.1	97.4	97.8	97.9	98.7	98.7	98.9	98.9	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	95.1	97.4	97.8	97.9	98.7	98.7	98.9	98.9	99.0	99.2	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23.7d LUCKLEY ANGB CO STATION NAME

69-70.73-60 YEARS

JUN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0600  
FOUR ILL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	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	73.4	73.4
≥20000	79.6	79.7	79.7	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
IV 18000	79.9	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	80.1	80.1
IV 16000	79.9	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	80.1	80.1
IV 14000	81.0	81.1	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
IV 12000	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 10000	86.3	86.3	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
IV 9000	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	86.4
IV 8000	87.0	87.0	87.0	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 7000	87.1	87.2	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 6000	88.1	88.2	88.2	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
IV 5000	89.6	89.7	89.7	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 4500	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 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
IV 3500	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 3000	91.9	91.9	91.9	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
IV 2500	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 2000	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 1800	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 1500	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
IV 1200	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 1000	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 900	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	94.4	94.4
IV 800	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	94.4	94.4
IV 700	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 600	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 500	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	95.4	95.4	95.4
IV 400	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	95.4	95.4	95.4
IV 300	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	95.4	95.4	95.4
IV 200	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	95.4	95.4	95.4
IV 100	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	95.4	95.4	95.4
IV 0	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	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2530  
 STATION

LUCKLEY ANG CO  
 STATION NAME

69-70,73-80  
 YEARS

JUN  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

990-1100  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING ≥ 20000	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
IVN 18000	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	83.7	83.7
IVN 16000	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	83.8	83.8	83.8
IVN 14000	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	83.8	83.8	83.8
IVN 12000	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	84.9
IVN 10000	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	87.9	87.9
IVN 9000	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	88.1
IVN 8000	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	88.4
IVN 7000	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	88.9
IVN 6000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IVN 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
IVN 4500	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
IVN 4000	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	92.6	92.6
IVN 3500	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	92.6	92.6
IVN 3000	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	93.0	93.0	93.0
IVN 2500	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
IVN 2000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IVN 1800	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IVN 1500	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
IVN 1200	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	95.1
IVN 1000	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
IVN 900	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
IVN 800	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
IVN 700	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
IVN 600	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
IVN 500	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVN 400	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVN 300	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVN 200	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVN 100	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVN 0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 2536 WICKLEY ANGB CO STATION NAME 69-70,74-80 YEARS JUN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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	68.3
≥ 20000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IVM 18000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
16000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IVM 14000	74.2	73.2	74.2	74.2	73.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
12000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IVM 10000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
9000	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
IVM 8000	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	84.1
7000	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	84.2	84.2	84.2
IVM 6000	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	88.9
5000	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
IVM 4500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
4000	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	93.8	93.8
IVM 3500	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
3000	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
IVM 2500	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
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
IVM 1800	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
1500	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	96.4	96.4	96.4
IVM 1200	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
1000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVM 900	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
800	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 700	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
600	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 500	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
400	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 300	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
200	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 100	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
0	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

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
A15 WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2736  
STATION

BUCKLEY ANGP CO  
STATION NAME

69-70,73-83  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	51.4	51.6	51.8	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
IV 18000 16000	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 14000 12000	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	67.4
IV 10000 9000	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	77.7
IV 8000 7000	79.1	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 6000 5000	87.4	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 4500 4000	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
IV 3500 3000	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 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
IV 1800 1500	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
IV 1200 1000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900 800	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 700 600	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
IV 500 400	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 300 200	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 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 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23032  
STATION

NUCKLEY ANSB CO  
STATION NAME

69-70,71-80  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	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	51.7
IVM 18000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IVM 16000	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	67.0	67.0	67.0
IVM 14000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IVM 12000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IVM 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
IVM 9000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IVM 8000	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
IVM 7000	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	82.2
IVM 6000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IVM 5000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IVM 4500	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
IVM 4000	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	95.1
IVM 3500	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
IVM 3000	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
IVM 2500	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	96.8
IVM 2000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
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	97.6	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
IVM 1200	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
IVM 1000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVM 900	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
IVM 800	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
IVM 700	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	98.4
IVM 600	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
IVM 500	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
IVM 400	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
IVM 300	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 200	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
IVM 100	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
IVM 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 500

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



4  
 FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AND WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2136  
 STATION

BUCKLEY ANGFB CO  
 STATION NAME

69-70,73-03  
 YEARS

JUN  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
 HOUR OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	>5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	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	75.3	75.3
≥ 18000	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	75.3	75.3
IV 16000	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	75.6	75.6
≥ 14000	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	75.8	75.8	75.8
IV 12000	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
≥ 10000	86.4	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	86.7
IV 9000	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	87.3	87.3
≥ 8000	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	88.1
IV 7000	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
≥ 6000	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
IV 5000	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
≥ 4500	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 4000	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	95.9	95.9	95.9
≥ 3500	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	95.9	95.9	95.9
IV 3000	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
≥ 2500	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	96.8
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
≥ 1800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	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 1000	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
≥ 900	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 800	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
≥ 700	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
IV 600	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
≥ 500	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 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
≥ 300	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 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
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 938

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 273 MUCKLEY ANGR CO

YEARS 69-70, 73-81

MONTH ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL MONTHS 11 511

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING IV 20000	67.3	67.3	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
IV 18000 IV 16000	75.9	75.9	75.9	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 14000 IV 12000	76.9	77.0	77.0	77.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 10000 IV 9000	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
IV 8000 IV 7000	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	85.9	85.9
IV 6000 IV 5000	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
IV 4500 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 IV 3000	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	93.8	93.8
IV 2500 IV 2000	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	94.6
IV 1800 IV 1500	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	95.9	95.9	95.9
IV 1200 IV 1000	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 900 IV 800	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
IV 700 IV 600	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500 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 IV 200	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 100 IV 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	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 7200

4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION BUCKLEY ANGB CO

YEARS 69-70, 73-80

MONTH JUL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING ≥ 20000	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	76.7	76.7	76.7
IVM 18000	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
IVM 16000	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
IVM 14000	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 12000	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
IVM 10000	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 9000	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	94.5	94.5	94.5
IVM 8000	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	94.8
IVM 7000	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	95.1
IVM 6000	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 5000	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
IVM 4500	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
IVM 4000	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
IVM 3500	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
IVM 3000	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
IVM 2500	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
IVM 2000	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 1800	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 1500	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 1200	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
IVM 1000	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
IVM 900	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
IVM 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
IVM 700	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
IVM 600	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
IVM 500	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	99.5
IVM 400	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	99.5
IVM 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
IVM 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
IVM 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
IVM 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	100.0

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 27-73 MCKLEY ANGB CO STATION NAME

YEARS 69-70, 73-80

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO. OF OBS. 300-3500  
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	80.4	80.4	81.4	81.5	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 20000	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 18000	85.3	85.3	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
IV 16000	85.7	85.7	85.7	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 14000	88.0	88.0	88.1	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
IV 12000	91.7	91.7	91.5	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
IV 10000	93.4	93.4	93.3	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
IV 9000	93.9	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	93.9
IV 8000	94.9	94.9	94.8	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 7000	94.1	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	94.4	94.4
IV 6000	94.7	94.7	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 5000	95.4	95.4	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	95.7
IV 4500	95.4	95.4	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	95.7
IV 4000	96.1	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 3500	96.7	96.7	96.8	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
IV 3000	96.8	96.8	96.9	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
IV 2500	96.8	96.8	96.9	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
IV 2000	96.8	96.8	97.0	97.1	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 1800	96.8	96.8	97.0	97.1	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 1500	96.9	96.9	97.0	97.1	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 1200	97.1	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	97.3
IV 1000	97.2	97.2	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	97.5
IV 900	97.2	97.2	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	97.5
IV 800	97.2	97.2	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 700	97.2	97.2	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 600	97.2	97.2	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 500	97.4	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	97.8
IV 400	97.6	97.6	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 300	98.0	98.0	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
IV 200	98.0	98.0	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
IV 100	98.0	98.0	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
IV 0	98.0	98.0	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

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AFM WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27036  
STATION

LUCKLEY ANGS CO  
STATION NAME

69-70,73-80  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600  
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	78.9	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IVM 18000 16000	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IVM 14000 12000	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IVM 10000 9000	91.1	91.4	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IVM 8000 7000	91.4	91.7	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IVM 6000 5000	92.2	92.6	92.9	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 4500 4000	92.7	93.1	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IVM 3500 3000	93.1	93.3	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IVM 2500 2000	93.4	93.6	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IVM 1800 1500	94.2	94.4	95.3	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
IVM 1200 1000	94.5	95.3	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IVM 900 800	95.1	95.9	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	97.0
IVM 700 600	95.3	96.1	97.1	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IVM 500 400	95.3	96.2	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVM 300 200	95.3	96.5	97.5	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVM 100 0	95.3	96.5	97.6	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE / MAC

# CEILING VERSUS VISIBILITY

2636  
YEAR

BUCKLEY ANGB CO  
STATION NAME

69-70, 73-80  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0200-1100  
HOURS (ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	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 20000	86.7	86.9	86.9	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 18000	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	87.0
IV 16000	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	87.3	87.3
IV 14000	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	88.1
IV 12000	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	91.0	91.0
IV 10000	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
IV 9000	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
IV 8000	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
IV 7000	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
IV 6000	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	93.8	93.8
IV 5000	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
IV 4500	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 4000	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	95.7	95.7	95.7
IV 3500	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 3000	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 2500	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 2000	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
IV 1800	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
IV 1500	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
IV 1200	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	99.5
IV 1000	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 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
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	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 500	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 400	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 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 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2536  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 20000	74.2	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	75.2
IV 18000	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	75.4	75.4
IV 16000	75.6	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	77.1	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 12000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 10000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 9000	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	87.0
IV 8000	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 7000	87.9	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	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	93.0	93.0	93.0
IV 5000	94.8	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	95.5
IV 4500	94.8	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	95.5
IV 4000	96.1	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	97.2	97.2
IV 3500	96.8	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
IV 3000	98.1	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	99.6	99.6
IV 2500	98.4	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	100.0	100.0
IV 2000	98.4	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	100.0	100.0
IV 1800	98.4	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	100.0	100.0
IV 1500	98.4	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	100.0	100.0
IV 1200	98.4	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	100.0	100.0
IV 1000	98.4	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	100.0	100.0
IV 900	98.4	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	100.0	100.0
IV 800	98.4	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	100.0	100.0
IV 700	98.4	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	100.0	100.0
IV 600	98.4	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	100.0	100.0
IV 500	98.4	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	100.0	100.0
IV 400	98.4	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	100.0	100.0
IV 300	98.4	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	100.0	100.0
IV 200	98.4	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	100.0	100.0
IV 100	98.4	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	100.0	100.0
IV 0	98.4	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

DIGITAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27.36 WICKLEY ANGL CO

69-70, 73-80

1971

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 18000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 16000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 14000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 12000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 10000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 9000	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	74.8	74.8	74.8
IV 8000	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	75.8	75.8	75.8
IV 7000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 6000	90.3	90.3	90.3	90.3	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	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	96.5	96.5	96.5
IV 4500	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	96.5	96.5	96.5
IV 4000	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	98.4
IV 3500	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 3000	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 2500	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 2000	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 1800	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 1500	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 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 9311



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

25036 TUCKLEY ANGB CO

69-70, 73-80

MM

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 20000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 18000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 16000	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 14000	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	68.5	68.5	68.5
IV 12000	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	77.0	77.0
IV 10000	78.8	78.8	78.8	78.8	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 9000	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	80.2	80.2
IV 8000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 7000	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
IV 6000	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	96.5	96.5	96.5
IV 5000	97.1	97.1	97.1	97.1	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 4500	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	98.4
IV 4000	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
IV 3500	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
IV 3000	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	99.0	99.0	99.0
IV 2500	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
IV 2000	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 1800	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	99.5
IV 1500	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 1200	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 1000	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 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	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 700	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 600	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 500	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 400	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 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 939

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23 35 STATION DUCKLEY AFB CO

69-70, 73-80 YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	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	70.5
IV 18000	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	70.5
IV 16000	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	70.5
IV 14000	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	72.8	72.8
IV 12000	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	81.0	81.0
IV 10000	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 9000	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	88.9
IV 8000	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	89.9
IV 7000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 6000	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	95.9	95.9	95.9
IV 5000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 4500	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 4000	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 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	98.0	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 2500	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 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	99.5	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	99.5
IV 1500	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	99.5
IV 1200	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 1000	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 900	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 800	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 700	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 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	99.9	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 931

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2036  
 STATION

BUCKLEY ANG CO  
 STATION NAME

69-70,73-87  
 YEARS

JUL  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	65.3	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 18000	74.0	74.0	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
IV 16000	74.2	74.3	74.3	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
IV 14000	76.3	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
IV 12000	82.4	82.5	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
IV 10000	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 9000	87.4	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	87.7	87.7
IV 8000	88.1	88.3	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	88.4
IV 7000	88.6	88.8	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
IV 6000	93.2	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 5000	95.3	95.7	95.8	95.8	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 4500	95.3	95.7	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	95.9
IV 4000	96.4	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3500	96.7	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 3000	97.2	97.8	98.0	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 2500	97.3	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2000	97.6	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	97.6	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	97.7	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	97.8	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	97.9	98.7	98.9	98.9	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 900	97.9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	97.9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	97.9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	98.0	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	98.0	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	98.0	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	98.1	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	98.1	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	98.1	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	98.1	99.0	99.2	99.2	99.2	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 744

4  
 FEDERAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 2134 EUCKLEY ANGB CO STATION NAME 69-70.73-82 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

3000-0200  
 HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	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	75.3	75.3
≥ 20000	79.7	79.9	81.1	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
IV 18000	79.7	79.9	81.1	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
IV 16000	79.7	79.9	81.1	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
IV 14000	80.7	80.9	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 12000	87.8	88.1	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
IV 10000	91.6	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	92.4	92.4
IV 9000	92.1	92.8	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 8000	93.4	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	94.2
IV 7000	93.5	94.2	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 6000	95.7	96.2	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 5000	96.0	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	96.9
IV 4500	96.0	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	96.9
IV 4000	96.7	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	97.5	97.5
IV 3500	96.7	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	97.6
IV 3000	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2500	97.2	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	98.4	98.4
IV 2000	97.3	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	98.5
IV 1800	97.3	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	98.5
IV 1500	97.3	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	98.5
IV 1200	97.3	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	98.5
IV 1000	97.3	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	98.5
IV 900	97.4	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	98.6	98.6
IV 800	97.4	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	98.6	98.6
IV 700	97.5	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	98.7
IV 600	97.5	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	98.7
IV 500	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 100	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 0	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AND WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27-35  
STATION

RUCKLEY ANSB CO  
STATION NAME

69-70,73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	26	25	24	23	22½	22	21½	21¼	21	2¾	2¾	2¾	25-16	24	20
NO CEILING IV 20000	60.4	80.5	81.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 18000	64.9	85.1	85.5	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
IV 16000	65.2	85.3	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
IV 14000	65.9	85.9	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 12000	66.3	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	86.9	86.9
IV 10000	66.7	86.7	87.1	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
IV 9000	67.1	87.1	87.5	87.5	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	67.5	87.5	87.9	87.9	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	67.9	87.9	88.3	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
IV 6000	68.3	88.3	88.7	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
IV 5000	68.7	88.7	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4500	69.1	89.1	89.5	89.5	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 4000	69.5	89.5	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3500	69.9	89.9	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
IV 3000	70.3	90.3	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	70.7	90.7	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	91.3
IV 2000	71.1	91.1	91.5	91.5	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 1800	71.5	91.5	91.9	91.9	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 1500	71.9	91.9	92.3	92.3	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 1200	72.3	92.3	92.7	92.7	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 1000	72.7	92.7	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	93.3
IV 900	73.1	93.1	93.5	93.5	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 800	73.5	93.5	93.9	93.9	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 700	73.9	93.9	94.3	94.3	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 600	74.3	94.3	94.7	94.7	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 500	74.7	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	95.3	95.3
IV 400	75.1	95.1	95.5	95.5	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 300	75.5	95.5	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 200	75.9	95.9	96.3	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
IV 100	76.3	96.3	96.7	96.7	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 0	76.7	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFSTAC  
 AIR WEATHER SERVICE/MAL

# CEILING VERSUS VISIBILITY

2736 - DUCKLEY ANG B CO STATION NAME

69-70, 73-80 YEARS

AUG MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-800 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NC CEILING	73.0	73.3	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 20000	81.2	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	81.7	81.7
IV 18000	81.5	81.5	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 16000	81.9	81.9	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 14000	82.7	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 12000	83.2	83.2	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 10000	83.7	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 9000	84.1	84.1	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	84.5	84.5	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 7000	84.9	84.9	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 6000	85.3	85.3	85.7	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
IV 5000	85.7	85.7	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4500	86.1	86.1	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 4000	86.5	86.5	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 3500	86.9	86.9	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3000	87.3	87.3	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2500	87.7	87.7	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 2000	88.1	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1800	88.5	88.5	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1500	88.9	88.9	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1200	89.3	89.3	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1000	89.7	89.7	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 900	90.1	90.1	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 800	90.5	90.5	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 700	90.9	90.9	91.3	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
IV 600	91.3	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 500	91.7	91.7	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 400	92.1	92.1	92.5	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
IV 300	92.5	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 200	92.9	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 100	93.3	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 0	93.7	93.7	94.1	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

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 20030 BUCKLEY ANGR CO STATION NAME: 69-70,73-80 YEARS: 1969-1970,73-80 MONTH: AUG  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	76.1	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 20000	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	83.7	83.7
IV 18000	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	83.7	83.7
IV 16000	83.7	83.7	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	84.2
IV 14000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1
IV 12000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1
IV 10000	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8
IV 9000	90.9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9
IV 8000	91.6	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5
IV 7000	91.6	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5
IV 6000	91.6	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9
IV 5000	91.6	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1
IV 4500	91.6	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1
IV 4000	91.6	92.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7
IV 3500	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2
IV 3000	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6
IV 2500	93.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2
IV 2000	94.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8
IV 1800	94.4	95.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.3	96.3	96.3	96.3	96.3
IV 1500	94.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1
IV 1200	95.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6
IV 1000	95.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6
IV 900	95.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6
IV 800	95.1	97.1	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 700	95.1	97.8	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
IV 600	95.1	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5
IV 500	95.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8
IV 400	95.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9
IV 300	95.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1	99.1	99.1
IV 200	95.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7
IV 100	95.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.9	99.9	99.9	99.9	99.9
IV 0	95.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 424

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AECN WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23.33 BUCKLEY ANGFB CO

69-70.73-61

ALG

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
ROOM 11511

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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	67.3	67.3
≥ 20000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 18000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 16000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 14000	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 12000	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 10000	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	87.3	87.3
IV 9000	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 8000	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	88.0	88.0	88.0
IV 7000	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	88.0	88.0	88.0
IV 6000	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	93.8	93.8
IV 5000	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 4500	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	95.2
IV 4000	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	96.8
IV 3500	97.1	97.1	97.1	97.1	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 3000	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	97.5	97.5	97.5
IV 2500	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 2000	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	98.5	98.5
IV 1800	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	98.5	98.5
IV 1500	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	98.5	98.5
IV 1200	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	99.0	99.0	99.0
IV 1000	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 900	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 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
IV 700	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 600	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 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 938



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2136  
STATION

SUCKLEY ANGEL CO  
STATION NAME

69-70,73-80  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	43.0	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 18000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 16000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 14000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 12000	70.8	70.8	70.8	70.8	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 10000	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	76.9	76.9	76.9
IV 9000	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	77.8
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	78.4	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	78.4	78.4
IV 6000	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
IV 5000	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	94.8
IV 4500	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 4000	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	96.6	96.6
IV 3500	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
IV 3000	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 2500	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 2000	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
IV 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
IV 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
IV 1200	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
IV 1000	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
IV 900	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
IV 800	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
IV 700	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
IV 600	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
IV 500	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
IV 400	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
IV 300	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
IV 200	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
IV 100	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
IV 0	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

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2734 DUCKLEY ANGP CO

69-7673-80

AUG

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000  
 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.4	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 18000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 16000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 14000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 12000	77.5	77.5	77.5	77.5	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 10000	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 9000	82.1	82.1	82.1	82.1	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 8000	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	83.8	83.8	83.8
IV 7000	83.7	83.7	83.7	83.7	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 6000	94.6	94.6	94.6	94.6	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 5000	95.4	95.4	95.4	95.4	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 4500	95.4	95.4	95.4	95.4	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 4000	96.2	96.2	96.2	96.2	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 3500	97.2	97.2	97.2	97.2	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 3000	97.1	97.1	97.1	97.1	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 2500	97.4	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	98.3	98.3
IV 2000	97.5	98.1	98.3	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 1800	97.3	98.1	98.3	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 1500	97.6	98.3	98.5	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
IV 1200	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	98.3	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	98.4	99.2	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.4	99.2	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.4	99.2	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.4	99.2	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.4	99.2	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.4	99.2	99.6	99.6	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 927

SIGNAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2730 STATION 2730 BUCKLEY ANGB CO STATION NAME 69-70,73-82 YEARS AVG MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	65.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	75.3	75.3	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 18000	75.3	75.3	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 16000	75.4	75.4	75.5	75.5	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 14000	76.7	76.7	76.8	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
IV 12000	85.3	85.3	85.4	85.4	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 10000	89.2	89.2	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 9000	89.3	89.3	90.0	90.0	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 8000	90.7	90.7	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 7000	90.7	90.7	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 6000	94.4	94.5	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 5000	95.4	96.1	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	96.5
IV 4500	95.9	96.0	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	96.5
IV 4000	96.2	96.8	96.9	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
IV 3500	96.2	97.3	97.4	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
IV 3000	96.7	97.4	97.5	97.6	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 2500	97.3	98.0	98.1	98.2	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 2000	97.4	98.1	98.2	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 1800	97.4	98.1	98.2	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 1500	97.5	98.1	98.2	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	98.1	98.3	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
IV 1000	98.1	98.3	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
IV 900	98.1	98.3	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
IV 800	98.1	98.3	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
IV 700	98.2	99.1	99.1	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 600	98.2	99.1	99.2	99.3	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	98.2	99.1	99.2	99.3	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 400	98.2	99.1	99.2	99.3	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 300	98.2	99.2	99.5	99.6	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	98.2	99.2	99.5	99.6	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	98.2	99.2	99.5	99.6	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	98.2	99.2	99.5	99.6	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 227

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAL

# CEILING VERSUS VISIBILITY

23 36  
STATION

BUCKLEY AFB CO  
STATION NAME

69-74,73-87  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3-16	≥¼	≥0
NO CEILING ≥ 20000	66.7	67.0	67.1	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
IV 18000 IV 16000	75.0	75.1	75.3	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 14000 IV 12000	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
IV 10000 IV 9000	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
IV 8000 IV 7000	88.9	88.7	88.9	88.9	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 6000 IV 5000	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IV 4500 IV 4000	94.1	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 3500 IV 3000	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
IV 2500 IV 2000	96.3	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800 IV 1500	96.4	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200 IV 1000	96.4	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 900 IV 800	97.0	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 700 IV 600	97.7	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 500 IV 400	97.7	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 300 IV 200	97.7	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 100 0	97.7	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 7451

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AID WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27-36  
STATION

BUCKLEY ANG6 CO  
STATION NAME

68-70,73-79  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0200  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0	
NO CEILING ≥ 20000	77.7	77.0	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	77.3	77.3
IV 18000	81.9	81.9	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	82.2	82.2
IV 16000	81.9	81.9	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	82.2	82.2
IV 14000	82.6	82.6	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	82.9	82.9
IV 12000	85.6	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	86.0	86.0
IV 10000	87.8	88.0	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	88.3	88.3
IV 9000	87.8	88.0	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	88.3	88.3
IV 8000	88.3	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	88.9	88.9
IV 7000	88.3	89.0	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	89.3	89.3
IV 6000	89.9	90.0	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	90.3	90.3
IV 5000	90.7	90.9	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	91.2	91.2
IV 4500	91.2	91.2	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	91.7	91.7
IV 4000	91.2	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8
IV 3500	92.1	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0
IV 3000	92.7	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9
IV 2500	93.1	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2
IV 2000	94.1	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3
IV 1800	94.2	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4
IV 1500	94.2	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2
IV 1200	95.2	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9
IV 1000	95.2	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1
IV 900	95.2	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1
IV 800	95.3	96.4	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3	97.3
IV 700	95.4	96.6	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4
IV 600	95.6	96.8	97.2	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8
IV 500	96.2	97.6	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9
IV 400	96.2	97.6	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9
IV 300	96.6	97.9	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3	99.3
IV 200	96.6	98.0	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	99.3	99.3
IV 100	96.6	98.0	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	99.3	99.3
IV 0	96.6	98.0	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	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27.35 STATION BUICKLEY ANGB CO

68-70.73-79 YEARS

SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0400  
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	
NO CEILING	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8
≥ 20000	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.6	82.6
IVM 18000	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.6	82.6
16000	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9
IVM 14000	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0
12000	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0
IVM 10000	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2
9000	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4
IVM 8000	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	89.0	89.0
7000	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	89.6	89.6
IVM 6000	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9	90.0	90.0
5000	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3
IVM 4500	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.7	90.7
4000	90.8	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8
IVM 3500	91.3	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2
3000	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.7	92.7
IVM 2500	91.8	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8
2000	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.6	93.6
IVM 1800	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.6	93.6
1500	93.3	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4
IVM 1200	93.3	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0
1000	94.1	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3
IVM 900	94.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4
800	94.2	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6
IVM 700	94.3	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.9	95.9
600	94.9	95.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.6	96.6
IVM 500	95.9	97.1	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.2
400	96.0	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.9	98.9
IVM 300	96.1	97.4	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.2	99.2
200	96.1	97.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.2	99.2
IVM 100	96.1	97.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.2	99.2
0	96.1	97.6	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2.36 STATION BUCKLEY ANG S CO

68-70,73-79 YEARS

SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	74.7	74.9	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	75.2
≥ 20000	78.1	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	78.9
IVM 18000	78.1	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	78.9
IVM 16000	78.1	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	78.9
IVM 14000	79.8	80.7	80.3	80.3	80.3	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6
IVM 12000	83.2	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	84.0
IVM 10000	85.9	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.7
IVM 9000	85.2	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.7
IVM 8000	86.4	86.7	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	87.2
IVM 7000	86.7	86.9	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	87.4
IVM 6000	86.7	86.9	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	87.4
IVM 5000	87.1	87.4	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	88.1
IVM 4500	87.1	87.4	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	88.1
IVM 4000	87.3	88.2	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	89.1
IVM 3500	88.2	88.7	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	89.6
IVM 3000	88.2	89.1	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	90.2
IVM 2500	89.3	90.1	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2
IVM 2000	90.4	91.4	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	92.6
IVM 1800	90.8	91.9	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0
IVM 1500	91.6	92.9	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0
IVM 1200	92.1	93.6	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	94.8
IVM 1000	92.1	94.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.6
IVM 900	92.1	94.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7
IVM 800	92.4	94.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.1
IVM 700	92.7	94.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.2
IVM 600	93.0	95.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.9
IVM 500	93.2	95.6	96.8	97.1	97.2	97.3	97.3	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.1
IVM 400	93.2	95.9	97.1	97.5	97.8	97.9	97.9	98.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.9
IVM 300	93.2	96.0	97.2	97.7	98.0	98.1	98.1	98.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.4
IVM 200	93.2	96.1	97.3	97.8	98.1	98.2	98.2	98.6	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.7
IVM 100	93.2	96.1	97.3	97.8	98.1	98.2	98.2	98.6	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.8
IVM 0	93.2	96.1	97.3	97.8	98.1	98.2	98.2	98.6	98.7	99.2	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AL WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70,73-79  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100  
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	73.4	74.1	74.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	79.1	79.5	79.5	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 18000	79.1	79.5	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	79.6
IV 16000	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 14000	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 12000	83.8	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 10000	85.9	86.4	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
IV 9000	86.3	87.0	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 8000	86.7	87.3	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 7000	86.9	87.5	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 6000	87.1	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
IV 5000	87.7	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	88.1	88.8	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
IV 4000	89.3	90.1	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
IV 3500	89.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 3000	90.2	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	91.4
IV 2500	91.4	92.9	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	93.0
IV 2000	92.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1800	92.3	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	94.2
IV 1500	93.1	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	95.2
IV 1200	94.1	96.2	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	96.4
IV 1000	94.4	96.9	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 900	94.4	96.9	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	94.8	97.3	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 700	95.1	97.8	98.1	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
IV 600	95.1	98.3	98.4	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
IV 500	95.1	98.4	98.6	98.9	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	95.1	98.4	98.6	98.9	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	95.1	98.4	98.6	98.9	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	95.1	98.4	98.6	98.9	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	95.1	98.4	98.6	98.9	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	95.1	98.4	98.6	98.9	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 499



4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2730  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	71.5	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	71.7
≥ 20000	78.3	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	78.5	78.5
≥ 18000	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	78.5	78.5
≥ 16000	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 14000	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	79.3	79.3	79.3
IV 12000	84.0	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	84.2	84.2
IV 10000	86.8	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
IV 9000	87.4	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 8000	87.9	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	88.0	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	88.2
IV 6000	91.1	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 5000	91.9	92.1	92.1	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 4500	92.2	92.4	92.4	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 4000	93.1	93.4	93.4	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 3500	93.9	94.2	94.2	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 3000	94.4	95.1	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	95.3
IV 2500	95.2	96.0	96.0	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 2000	96.4	97.2	97.2	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	96.7	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	96.9	97.8	97.8	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 1200	97.1	98.1	98.1	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 1000	97.4	98.9	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
IV 900	97.7	99.1	99.1	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
IV 800	97.8	99.2	99.2	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
IV 700	97.8	99.4	99.4	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
IV 600	97.8	99.4	99.4	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 500	97.8	99.6	99.6	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
IV 400	97.8	99.6	99.6	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
IV 300	97.8	99.6	99.6	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
IV 200	97.8	99.6	99.6	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
IV 100	97.8	99.6	99.6	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
IV 0	97.8	99.6	99.6	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

TOTAL NUMBER OF OBSERVATIONS 599

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/FMAC

# CEILING VERSUS VISIBILITY

STATION 27-31 BUCKLEY ANGB CO STATION NAME 66-70.73-79 YEAR SEP MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
FOUR HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING ≥ 20000	62.9	43.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	
IV 18000 IV 16000	70.7	70.7	70.7	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 14000 IV 12000	70.7	70.7	70.7	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 10000 IV 9000	70.7	70.7	70.7	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 IV 7000	70.7	70.7	70.7	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 6000 IV 5000	70.7	70.7	70.7	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 4500 IV 4000	70.7	70.7	70.7	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 3500 IV 3000	70.7	70.7	70.7	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 2500 IV 2000	70.7	70.7	70.7	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 1800 IV 1500	70.7	70.7	70.7	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 1200 IV 1000	70.7	70.7	70.7	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 900 IV 800	70.7	70.7	70.7	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 700 IV 600	70.7	70.7	70.7	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 500 IV 400	70.7	70.7	70.7	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 300 IV 200	70.7	70.7	70.7	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 100 0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2: 30  
STATION

BUCKLEY ANGR CO  
STATION NAME

68-70,75-79  
YEAR

YEAR

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	13.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000 IV 16000	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	71.7	71.7
IV 14000 IV 12000	73.2	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 10000 IV 9000	84.3	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 8000 IV 7000	86.6	86.6	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
IV 6000 IV 5000	91.7	91.7	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
IV 4500 IV 4000	92.7	93.1	93.9	93.9	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 3500 IV 3000	94.7	95.1	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
IV 2500 IV 2000	94.9	95.7	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	96.8
IV 1800 IV 1500	95.3	96.3	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	97.4
IV 1200 IV 1000	95.4	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900 IV 800	95.6	97.1	98.2	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 IV 600	96.1	97.7	98.4	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 500 IV 400	96.3	98.2	99.4	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
IV 300 IV 200	96.3	98.2	99.4	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
IV 100 0	96.3	98.2	99.4	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

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH  
 AFM/TAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

20 34  
 STATION

DUCKLEY ANGR CO  
 STATION NAME

68-70-73-79  
 YEARS

SEP  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2100  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	73.5	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	73.6
IV 18000	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	78.5
IV 16000	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	78.5
IV 14000	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	79.9	79.9	79.9
IV 12000	82.9	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
IV 10000	87.5	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	88.2	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
IV 8000	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	89.2
IV 7000	89.2	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 6000	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
IV 5000	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 4500	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	93.8	93.8
IV 4000	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	94.8
IV 3500	95.0	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 3000	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	96.0	96.0	96.0
IV 2500	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
IV 2000	97.1	97.1	97.1	97.1	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 1800	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 1500	97.2	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 1200	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
IV 1000	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 900	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 800	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
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	99.3	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 500	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 400	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 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 699

4

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2 36  
STATION

LUCKLEY AFB CO  
STATION NAME

68-70, 73-79  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 20000	77.4	77.6	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
IV 18000	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
IV 16000	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
IV 14000	78.7	78.9	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	79.2
IV 12000	82.8	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
IV 10000	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
IV 9000	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
IV 8000	87.5	87.6	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 7000	87.5	87.6	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 6000	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
IV 5000	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
IV 4500	91.4	91.5	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
IV 4000	91.4	91.5	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
IV 3500	92.4	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
IV 3000	92.9	93.3	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	94.0
IV 2500	93.4	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
IV 2000	94.2	95.2	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	95.7
IV 1800	94.3	95.3	95.7	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
IV 1500	94.4	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
IV 1200	95.3	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
IV 1000	95.4	96.9	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	97.7
IV 900	95.5	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
IV 800	95.6	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
IV 700	95.7	97.3	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
IV 600	95.9	97.6	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IV 500	96.1	98.1	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
IV 400	96.1	98.2	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
IV 300	96.2	98.2	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
IV 200	96.2	98.3	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
IV 100	96.2	98.3	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
IV 0	96.2	98.3	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4

TOTAL NUMBER OF OBSERVATIONS 7197

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 21.30 BUCKLEY ANGB CO

YEARS 56-70, 73-79

MONTH OCT

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥½	≥0
NO CEILING	74.5	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 20000	74.2	74.6	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
IV 18000	74.3	74.6	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
IV 16000	74.3	74.6	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
IV 14000	74.7	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 12000	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	81.4
IV 10000	83.2	83.7	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
IV 9000	84.1	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 8000	84.5	85.1	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
IV 7000	84.6	85.1	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
IV 6000	85.3	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	86.0
IV 5000	87.1	87.5	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	88.0
IV 4500	87.6	88.2	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	88.6
IV 4000	89.4	89.9	90.3	90.3	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 3500	90.1	90.6	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 3000	90.5	91.2	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
IV 2500	91.1	91.6	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
IV 2000	91.7	92.3	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 1800	91.1	91.9	92.4	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 1500	91.7	92.5	92.9	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 1200	91.5	92.7	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
IV 1000	92.3	93.4	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 900	92.5	93.9	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	94.6
IV 800	92.6	94.4	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	95.3
IV 700	92.7	94.5	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	95.5
IV 600	92.7	94.5	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	95.5
IV 500	92.9	94.8	95.7	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
IV 400	92.7	95.4	96.2	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 300	93.1	95.6	96.5	96.8	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 200	93.1	95.6	96.5	96.8	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 100	93.1	95.6	96.5	96.8	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 0	93.1	95.6	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 931

4  
 FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2730  
 STATION

LUCKLEY ANGB CO  
 STATION NAME

68-70, 73-79  
 YEARS

OCT  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0500  
 HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	76.3	76.0	76.2	76.8	76.8	76.8	76.8	76.9	76.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 20000	77.3	81.3	83.5	87.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IN 18000	79.7	81.4	81.4	86.4	87.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IN 16000	81.1	82.4	81.8	86.8	87.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IN 14000	80.3	80.8	81.8	86.8	87.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IN 12000	82.3	82.8	82.8	86.8	87.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IN 10000	84.3	84.7	84.7	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
IN 9000	84.3	84.8	84.8	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
IN 8000	84.3	85.4	85.4	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
IN 7000	85.1	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IN 6000	85.7	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
IN 5000	86.3	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	86.8
IN 4500	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	87.1
IN 4000	87.5	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	88.2
IN 3500	88.3	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
IN 3000	88.8	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
IN 2500	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IN 2000	89.3	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
IN 1800	89.3	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
IN 1500	89.5	90.8	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
IN 1200	90.1	91.3	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IN 1000	90.1	91.7	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IN 900	90.3	91.9	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IN 800	90.3	92.5	92.9	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
IN 700	90.8	92.8	92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IN 600	90.9	92.8	93.2	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IN 500	91.0	92.8	93.5	93.8	94.1	94.2	94.5	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9
IN 400	91.1	93.3	94.4	94.7	95.1	95.2	95.7	96.0	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5
IN 300	91.3	93.4	94.7	95.3	95.9	96.0	96.7	97.0	97.1	97.4	97.8	98.1	98.1	98.2	98.2	98.2
IN 200	91.3	93.4	94.7	95.3	95.9	96.0	96.8	97.1	97.2	97.6	98.1	98.3	98.3	98.6	98.7	98.7
IN 100	91.3	93.4	94.7	95.3	95.9	96.0	96.8	97.1	97.2	97.6	98.6	98.8	98.8	99.1	99.4	99.4
IN 0	91.3	93.4	94.7	95.3	95.9	96.0	96.8	97.1	97.2	97.8	98.9	99.1	99.2	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 910

4  
 LOCAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2035 STATION BUCKLEY ANG B CO STATION NAME 68-70.73-79 YEARS 1960-1960 MONTH OCT

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	68.4	68.7	68.8	68.8	69.0	69.3	69.0	69.3	69.7	69.8	69.7	69.0	69.3	69.3	69.0	69.0
≥2000	75.3	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
IV 18000	75.3	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
IV 16000	75.4	75.6	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
IV 14000	76.3	77.0	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	77.5
IV 12000	80.3	80.3	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
IV 10000	82.4	82.7	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
IV 9000	83.1	83.1	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
IV 8000	83.3	83.5	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
IV 7000	83.3	83.5	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
IV 6000	84.7	85.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
IV 5000	85.3	85.6	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2
IV 4500	85.6	85.9	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
IV 4000	86.9	87.2	87.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
IV 3500	87.3	87.7	88.1	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
IV 3000	87.7	88.3	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
IV 2500	88.1	88.6	89.0	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
IV 2000	88.3	88.8	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
IV 1800	88.5	89.0	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
IV 1500	88.7	89.2	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.4
IV 1200	89.1	89.6	90.1	90.5	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
IV 1000	89.4	89.9	90.4	90.8	91.2	91.2	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.8
IV 900	89.5	90.0	90.5	90.9	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.9
IV 800	89.5	90.0	90.5	90.9	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.9
IV 700	89.7	90.2	90.7	91.1	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1
IV 600	89.7	90.2	90.7	91.1	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1
IV 500	89.7	90.2	90.7	91.1	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1
IV 400	89.7	90.2	90.7	91.1	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1
IV 300	89.7	90.2	90.7	91.1	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1
IV 200	89.7	90.2	90.7	91.1	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1
IV 100	89.7	90.2	90.7	91.1	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1
IV 0	89.7	90.2	90.7	91.1	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1

TOTAL NUMBER OF OBSERVATIONS 930



LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
AIA WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2036  
STATION

DUCKLEY ANGB CO  
STATION NAME

65-70,73-79  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-10	≥4	≥0
NO CEILING	69.8	70.2	71.5	71.5	72.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	74.2	74.9	79.7	79.0	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 18000	78.4	79.2	79.4	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
IV 16000	78.5	79.2	79.4	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
IV 14000	79.5	80.2	81.3	80.5	81.5	80.5	81.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 12000	82.4	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 10000	84.8	85.4	85.5	85.5	85.8	85.8	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 9000	85.2	85.9	86.0	86.0	86.3	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 8000	85.8	86.6	86.7	86.7	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 7000	85.8	86.6	86.7	86.7	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 6000	86.2	87.1	87.1	87.1	87.4	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 5000	86.3	87.6	87.7	87.7	88.1	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4500	86.4	87.7	87.8	87.8	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 4000	87.8	88.8	88.9	88.9	89.2	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3500	88.1	89.1	89.1	89.1	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3000	88.3	89.6	89.7	89.7	89.9	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	89.8	90.3	90.1	90.1	90.4	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2000	89.4	90.2	91.1	91.1	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1800	89.5	91.0	91.2	91.2	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1500	89.7	91.2	91.4	91.5	91.9	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1200	91.1	91.7	92.0	92.2	92.6	92.6	92.7	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1000	91.4	92.1	92.5	92.7	93.2	93.2	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 900	91.4	92.0	92.9	92.7	93.2	93.2	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 800	90.6	92.4	93.3	93.5	94.1	94.2	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
IV 700	90.7	92.4	94.1	94.2	94.7	94.8	95.1	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 600	90.7	93.0	94.1	94.3	94.8	94.9	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 500	91.0	93.1	94.4	94.6	95.4	95.5	95.8	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 400	91.7	93.1	94.4	94.7	95.6	95.7	96.2	97.1	97.5	97.4	98.3	98.3	98.6	98.6	98.6	98.6
IV 300	91.0	93.1	94.6	94.9	95.8	95.9	96.5	97.3	97.7	98.1	98.5	98.5	98.8	98.8	98.8	98.8
IV 200	91.0	93.1	94.6	94.9	95.8	95.9	96.5	97.4	97.8	98.2	98.6	98.6	99.2	99.2	99.4	99.4
IV 100	91.0	93.1	94.6	94.9	95.8	95.9	96.5	97.4	97.8	98.2	98.6	98.6	99.4	99.4	99.7	99.7
IV 0	91.0	93.1	94.6	94.9	95.8	95.9	96.5	97.4	97.8	98.2	98.6	98.6	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAG

# CEILING VERSUS VISIBILITY

STATION 2136 HUCKLEY AM99 CO STATION NAME 64-79.73-79 YEARS 1961 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
IV 20000	79.7	79.7	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9
IV 18000	79.6	79.6	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
IV 16000	80.1	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
IV 14000	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3
IV 12000	82.3	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7
IV 10000	84.7	84.9	85.4	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8
IV 9000	84.7	85.1	85.7	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
IV 8000	85.4	85.7	86.1	86.1	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
IV 7000	85.7	86.1	86.6	86.6	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
IV 6000	86.7	87.0	87.4	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
IV 5000	87.4	87.8	88.4	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
IV 4500	87.4	87.8	88.4	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
IV 4000	88.6	89.0	89.6	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0
IV 3500	89.9	89.4	89.9	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
IV 3000	89.1	89.6	90.1	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
IV 2500	90.3	90.6	91.3	91.3	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
IV 2000	91.2	91.6	92.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
IV 1800	91.3	91.7	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
IV 1500	91.8	92.1	92.9	92.9	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
IV 1200	91.7	92.2	93.1	93.1	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6
IV 1000	92.2	93.0	93.9	93.9	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
IV 900	92.3	93.2	94.1	94.1	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9
IV 800	92.3	93.4	94.4	94.4	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.4	95.4
IV 700	92.3	93.4	94.5	94.5	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
IV 600	92.3	93.4	94.5	94.5	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
IV 500	92.3	93.8	94.9	94.9	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 400	92.3	93.8	94.9	94.9	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 300	92.3	93.8	95.1	95.1	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 200	92.3	93.8	95.1	95.1	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 100	92.3	93.8	95.1	95.1	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 0	92.3	93.8	95.1	95.1	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS 531

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATC WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION BUCKLEY ANGFB CO YEARS 68-70, 73-79 MONTH OCT

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	66.6	66.9	66.9	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
≥20000	75.9	76.5	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 18000	75.9	76.5	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 16000	76.1	76.7	76.7	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 14000	76.2	78.7	78.7	78.7	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 12000	81.3	81.0	81.0	81.0	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	83.5	84.2	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
IV 9000	84.2	84.8	85.1	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 8000	85.1	85.8	86.0	86.0	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 7000	85.9	86.1	86.3	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 6000	87.3	88.1	88.7	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 5000	88.9	89.7	89.9	89.9	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	89.9	90.6	90.9	90.9	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 4000	89.9	90.6	90.9	90.9	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	89.9	90.6	90.9	90.9	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	90.1	91.4	91.6	91.6	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	91.3	92.0	92.3	92.3	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 2000	91.2	92.5	92.7	92.7	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 1800	91.4	92.7	92.9	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
IV 1500	91.6	93.0	93.2	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1200	91.7	93.4	93.7	93.7	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 1000	91.7	93.4	93.7	93.7	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 900	91.7	93.4	93.7	93.7	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 800	91.7	93.4	93.7	93.7	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 700	91.7	93.7	93.9	93.9	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	91.7	93.9	94.1	94.1	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 500	91.7	93.9	94.1	94.1	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 400	91.7	93.9	94.1	94.1	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 300	91.7	93.9	94.1	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 200	91.7	93.9	94.1	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 100	91.7	93.9	94.1	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 0	91.7	93.9	94.1	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ADM WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2136  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70,73-79  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000  
PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	68.3	68.6	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	72.5	73.9	74.1	74.3	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	72.5	73.9	74.1	74.3	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 16000	73.1	74.3	74.1	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 14000	75.3	76.2	76.3	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	77.6	80.9	81.1	81.3	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 10000	83.0	84.3	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 9000	83.7	84.8	84.9	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 8000	84.4	85.7	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 7000	84.9	86.2	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 6000	87.4	88.7	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 5000	89.1	91.6	92.0	92.0	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4500	89.4	91.8	92.0	92.0	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000	89.9	91.9	92.0	92.0	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	90.5	91.9	92.0	92.0	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3000	90.5	91.9	92.0	92.0	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	91.0	92.4	92.6	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2000	91.3	92.7	92.9	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800	91.3	92.7	92.9	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1500	91.4	92.8	93.0	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1200	91.6	93.1	93.4	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000	91.7	93.2	93.5	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 900	91.8	93.3	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	91.8	93.3	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 700	91.9	93.7	94.1	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 600	91.9	94.0	94.3	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 500	92.3	94.5	94.8	95.1	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 400	92.3	94.6	94.9	95.2	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 300	92.4	94.8	95.2	95.4	96.0	96.0	96.2	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 200	92.4	95.1	95.4	95.6	96.2	96.2	96.5	97.2	97.4	97.7	98.3	98.4	99.0	99.0	99.0	99.0
IV 100	92.4	95.1	95.4	95.6	96.2	96.2	96.5	97.2	97.4	97.7	98.3	98.4	99.0	99.0	99.0	99.0
IV 0	92.4	95.1	95.4	95.6	96.2	96.2	96.5	97.2	97.4	97.7	98.3	98.4	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 9311

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2736  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70,73-79  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	71.8	72.2	72.2	71.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	75.2	75.7	75.7	75.7	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 18000	75.4	75.9	75.9	75.9	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 16000	76.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 14000	80.2	80.4	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 12000	83.4	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 10000	84.0	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 9000	84.6	85.3	85.3	85.3	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 8000	84.6	85.3	85.3	85.3	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 7000	84.6	85.3	85.3	85.3	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 6000	85.9	86.6	86.6	86.6	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 5000	87.4	88.1	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	87.8	88.5	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 4000	88.4	89.1	89.1	89.1	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	89.4	90.1	90.1	90.1	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 3000	89.4	90.2	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	89.9	90.6	90.9	91.0	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 2000	91.1	92.0	92.1	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1800	91.2	92.2	92.4	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
IV 1500	91.3	92.4	92.7	93.0	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	91.4	92.5	92.8	93.1	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 1000	91.7	92.8	93.1	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 900	91.9	93.0	93.3	93.6	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 800	92.0	93.3	93.7	94.1	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 700	92.4	93.7	94.0	94.4	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 600	92.4	93.9	94.2	94.6	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 500	92.3	94.7	95.2	95.6	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 400	92.3	94.3	95.4	95.8	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 300	92.3	94.8	95.4	95.9	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 200	92.3	94.9	95.4	96.0	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 100	92.4	94.9	95.5	96.0	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 0	92.3	94.9	95.5	96.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 931

4

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

23.36  
STATION

BUCKLEY ANG B CO  
STATION NAME

65-70.73-79  
YEARS

061  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	70.8	71.2	71.3	71.3	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	76.8	77.3	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	75.9	77.4	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	77.1	77.6	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	78.3	78.9	79.3	79.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	81.7	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 10000	83.6	84.2	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	84.1	84.7	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	84.4	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 7000	85.0	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 6000	86.2	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 5000	87.3	88.0	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	87.5	88.2	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 4000	88.5	89.3	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 3500	89.3	89.7	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	89.3	90.2	90.4	90.5	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	89.8	90.7	91.0	91.1	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	90.3	91.3	91.7	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
≥ 1800	90.4	91.4	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	90.7	91.7	92.1	92.2	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	91.0	92.0	92.5	92.6	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	91.2	92.5	93.0	93.1	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	91.3	92.7	93.1	93.3	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 800	91.4	93.1	93.5	93.7	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 700	91.5	93.2	93.7	93.9	94.4	94.4	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	91.5	93.3	93.9	94.1	94.5	94.6	94.7	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3
≥ 500	91.7	93.7	94.4	94.6	95.2	95.3	95.6	95.9	96.0	96.3	96.4	96.4	96.5	96.5	96.6	96.6
≥ 400	91.7	93.9	94.7	94.9	95.4	95.6	96.0	96.5	96.7	97.0	97.3	97.3	97.4	97.4	97.5	97.5
≥ 300	91.8	93.9	94.4	95.1	95.9	95.9	96.4	96.9	97.1	97.6	98.0	98.1	98.5	98.5	98.6	98.6
≥ 200	91.8	94.0	94.5	95.1	96.0	96.0	96.5	97.0	97.3	97.8	98.3	98.4	98.9	99.0	99.2	99.2
≥ 100	91.8	94.0	94.5	95.1	96.0	96.0	96.5	97.0	97.3	97.8	98.4	98.5	99.1	99.3	99.6	99.6
0	91.8	94.0	94.5	95.1	96.0	96.0	96.5	97.0	97.3	97.8	98.4	98.6	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7441

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27336  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70,73-79  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	69.1	68.6	69.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.3
IV 20000	73.3	73.9	74.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.8
IV 18000	73.4	74.7	74.1	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.9
IV 16000	73.7	74.2	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.1
IV 14000	73.9	74.4	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.3
IV 12000	75.8	76.3	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.2
IV 10000	77.6	78.2	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.3
IV 9000	77.7	78.3	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.6
IV 8000	78.0	78.7	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.9
IV 7000	78.1	78.8	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.0
IV 6000	79.4	80.3	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.6
IV 5000	80.4	81.8	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.1
IV 4500	80.6	82.1	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.4
IV 4000	81.0	82.6	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.9
IV 3500	81.6	83.1	83.7	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.6
IV 3000	82.3	83.9	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.4
IV 2500	82.7	84.2	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.9
IV 2000	83.6	85.1	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	87.1
IV 1800	83.7	85.2	86.0	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	87.2
IV 1500	84.1	85.7	86.4	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.8
IV 1200	84.4	86.2	87.3	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.9	88.9	88.9	89.3
IV 1000	84.8	86.8	87.9	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.6	89.6	89.6	89.9
IV 900	85.0	87.2	88.3	88.8	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	90.0	90.0	90.0	90.4
IV 800	85.1	87.2	88.3	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	90.1	90.1	90.1	90.4
IV 700	85.1	87.3	88.6	89.0	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.8
IV 600	85.1	87.3	88.6	89.0	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.8
IV 500	85.1	87.3	88.7	89.1	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.8
IV 400	85.1	87.9	89.8	90.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.1	92.1	92.1	92.4
IV 300	85.3	88.1	90.3	91.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	93.7	93.7	93.7	94.8
IV 200	85.3	88.1	90.4	91.2	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	94.4	94.4	94.4	95.9
IV 100	85.3	88.1	90.4	91.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	94.7	94.7	94.7	96.4
IV 0	85.3	88.1	90.6	91.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	95.6	95.6	95.6	97.4

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2330 STATION BUCKLEY ANGR CO

68-70, 73-79 YEARS

NCV MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-6500 HOURS PER YEAR

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	69.3	69.6	71.1	70.1	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.7	70.8	71.0	71.2
IV 20000	74.4	75.1	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.2	76.3	76.7	76.9
IV 18000	74.6	75.1	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.2	76.3	76.7	76.9
IV 16000	74.9	75.3	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.9	77.1
IV 14000	75.3	75.9	76.4	76.4	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.1	77.4	77.7
IV 12000	77.3	77.8	78.4	78.4	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.1	79.4	79.7
IV 10000	79.3	79.9	80.6	80.6	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.2	81.6	81.9
IV 9000	79.6	80.2	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.7	81.8	82.1	82.3
IV 8000	79.6	80.3	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.7	81.8	82.1	82.3
IV 7000	79.6	80.4	81.2	81.2	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.9	82.1	82.3	82.6
IV 6000	80.3	80.7	81.6	81.6	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.2	82.6	82.8
IV 5000	81.1	81.9	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.4	83.8	84.0
IV 4500	81.2	82.1	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.6	83.9	84.1
IV 4000	81.7	82.4	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9	84.0	84.3	84.6
IV 3500	81.9	82.7	83.6	83.6	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.2	84.6	84.8
IV 3000	82.3	83.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.6	84.7	85.0	85.2
IV 2500	82.4	83.3	84.2	84.2	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.9	85.0	85.3	85.6
IV 2000	83.6	84.3	85.3	85.3	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.1	86.4	86.7
IV 1800	83.6	84.9	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.7	87.0
IV 1500	84.1	85.2	86.2	86.4	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.0	87.1	87.6	87.8
IV 1200	84.6	85.9	87.0	87.3	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.9	88.0	88.4	88.7
IV 1000	84.8	86.1	87.2	87.6	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.4	88.9	89.1
IV 900	85.1	86.7	88.0	88.3	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.2	89.7	89.9
IV 800	85.4	86.8	88.1	88.4	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.3	89.8	90.0
IV 700	85.4	86.9	88.2	88.6	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.4	89.9	90.1
IV 600	85.6	87.2	88.6	88.9	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9	90.0	90.6	90.8
IV 500	85.7	87.6	89.1	89.4	90.2	90.3	90.3	90.3	90.3	91.3	91.3	91.3	91.4	91.6	92.0	92.2
IV 400	85.8	88.4	90.1	90.4	91.3	91.4	92.1	92.1	92.1	92.3	92.3	92.3	92.7	92.8	93.3	94.6
IV 300	85.9	88.6	90.2	90.6	91.6	91.8	92.4	92.4	92.4	93.3	94.0	94.0	94.3	94.4	94.9	95.2
IV 200	86.0	88.7	90.3	90.7	92.2	92.3	93.1	93.2	94.1	94.9	95.3	95.7	96.3	96.4	97.0	97.7
IV 100	86.0	88.7	90.3	90.7	92.2	92.3	93.1	93.2	94.1	94.9	95.4	95.8	96.9	97.1	97.9	98.7
IV 0	86.0	88.7	90.3	90.7	92.2	92.3	93.1	93.2	94.1	94.9	95.4	95.8	96.9	97.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900



GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIF WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

27136  
STATION

BUCKLEY ANG S CO  
STATION NAME

68-70,73-79  
YEARS

NOV  
MONTH

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-D-000  
HOURLY (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	64.4	65.4	65.8	66.2	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.9	67.2
≥ 18000 IV 16000	74.1	74.8	75.2	75.7	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.3	76.7
IV 14000 IV 12000	74.1	74.9	75.3	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.8
IV 10000 IV 9000	76.1	76.9	77.3	77.8	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.8
IV 8000 IV 7000	78.4	79.2	79.7	80.1	80.1	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	81.1
IV 6000 IV 5000	83.1	81.0	81.4	81.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.9
IV 4500 IV 4000	80.1	81.0	81.4	81.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.9
IV 3500 IV 3000	81.4	81.3	81.8	82.2	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	83.2
IV 2500 IV 2000	80.4	81.3	81.4	82.2	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	83.2
IV 1800 IV 1500	87.4	81.1	81.8	82.3	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	83.2
IV 1200 IV 1000	81.9	82.8	83.2	83.7	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.7
IV 900 IV 800	81.9	82.8	83.2	83.7	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.7
IV 700 IV 600	82.7	83.7	84.1	84.6	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.7
IV 500 IV 400	82.8	83.8	84.2	84.7	84.7	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.8
IV 300 IV 200	82.9	83.8	84.2	84.7	84.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	86.0
IV 100 IV 0	83.4	84.4	84.9	85.3	85.4	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.8
	84.2	85.6	86.1	86.6	86.6	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.7
	84.6	85.9	86.4	87.0	87.1	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.7
	85.1	86.6	87.1	87.8	87.1	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.1	89.6
	85.2	86.8	87.4	88.2	87.6	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.6	90.1
	85.3	87.0	87.8	88.7	88.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.4
	85.4	87.3	88.1	89.0	89.3	89.8	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.9	90.1
	85.6	87.6	88.4	89.4	89.8	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	91.0	91.4
	85.7	88.1	89.0	90.0	91.4	91.0	91.4	91.4	91.4	91.4	91.7	92.0	92.2	92.3	92.6	93.1
	85.8	88.4	89.4	90.7	91.1	91.8	92.2	92.4	92.4	92.4	92.7	93.4	93.8	94.3	94.3	94.9
	85.9	88.4	89.6	90.8	91.3	92.0	92.6	92.6	92.6	92.6	93.7	94.9	95.4	96.2	96.9	97.2
	85.9	88.4	89.6	90.8	91.4	92.1	92.7	92.7	92.7	92.7	93.8	95.1	96.1	96.4	97.3	97.9
	85.9	88.4	89.6	90.8	91.4	92.1	92.7	92.7	92.7	92.7	93.8	95.1	96.1	96.4	97.3	97.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC WEATHER SERVICE/AFM

# CEILING VERSUS VISIBILITY

27030 SUCKLEY ANGR CO

83-70,73-79

NOV

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1990-1100  
ROUHS II (11)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0	
NO CEILING	65.9	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	67.0	67.0
IV 20000	75.1	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2	76.2
IV 18000	75.1	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2	76.2
IV 16000	75.1	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.4	76.4
IV 14000	79.6	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.7	79.7
IV 12000	81.7	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.7	82.7
IV 10000	82.3	82.9	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.7	83.7
IV 9000	82.4	83.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.8	83.8
IV 8000	83.3	83.7	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.7	84.7
IV 7000	83.4	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9
IV 6000	83.7	84.3	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.3	85.3
IV 5000	83.9	84.6	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.6	85.6
IV 4500	83.9	84.6	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.6	85.6
IV 4000	84.7	85.0	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.2	86.2
IV 3500	84.6	85.3	85.6	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.6	86.6	86.7	86.7
IV 3000	84.9	85.7	85.9	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.9	86.9	87.0	87.0
IV 2500	85.3	86.3	86.6	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.7	87.7	87.8	87.8
IV 2000	85.3	86.3	86.6	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.7	87.7	87.8	87.8
IV 1800	86.0	87.0	87.2	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.6	88.6	88.7	88.7
IV 1500	86.6	87.6	88.0	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.7	89.7	89.8	89.8
IV 1200	87.1	88.3	88.6	89.4	89.6	89.9	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.6	90.6	90.7	90.7
IV 1000	87.6	88.8	89.2	90.0	90.4	90.7	90.7	90.7	90.7	90.7	91.0	91.0	91.0	91.3	91.3	91.4	91.4
IV 900	87.6	89.1	89.6	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.3	91.3	91.3	91.7	91.7	91.8	91.8
IV 800	87.7	89.3	89.9	90.7	91.2	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.7	92.1	92.1	92.2	92.2
IV 700	87.8	89.6	90.1	91.0	91.5	91.7	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.4	92.4	92.5	92.5
IV 600	87.8	89.7	90.4	91.2	91.8	92.1	92.1	92.1	92.1	92.1	92.4	92.4	92.4	92.8	92.8	92.9	92.9
IV 500	87.8	90.0	90.8	91.7	92.4	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.5	93.5	93.6	93.6
IV 400	87.8	90.0	90.8	91.7	92.4	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.5	93.5	93.6	93.6
IV 300	87.8	90.1	90.9	91.8	92.5	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.7	93.7	93.8	93.8
IV 200	87.8	90.1	90.9	91.8	92.5	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.7	93.7	93.8	93.8
IV 100	87.8	90.1	90.9	91.8	92.5	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.7	93.7	93.8	93.8
IV 0	87.8	90.1	90.9	91.8	92.5	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.7	93.7	93.8	93.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21030 BUCKLEY ANG B CO

68-70, 73-79

NOV

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5-16	≥4	≥0
NO CEILING	61.8	62.1	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	74.3	74.7	75.1	75.4	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV ≥ 18000	74.3	74.9	75.1	75.4	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV ≥ 16000	74.7	75.2	75.3	75.8	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV ≥ 14000	77.8	78.3	78.4	78.9	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV ≥ 12000	80.9	81.4	81.7	82.1	82.2	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV ≥ 10000	82.6	83.2	83.4	83.9	84.2	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV ≥ 9000	82.6	83.2	83.4	83.9	84.2	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV ≥ 8000	82.9	83.6	83.8	84.2	84.3	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV ≥ 7000	83.1	83.9	84.1	84.6	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV ≥ 6000	83.6	84.2	84.4	84.9	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV ≥ 5000	84.4	85.1	85.3	85.8	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV ≥ 4500	84.4	85.1	85.3	85.8	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV ≥ 4000	84.8	85.6	85.8	86.2	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV ≥ 3500	85.2	86.1	86.2	86.7	87.1	87.2	87.3	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6
IV ≥ 3000	86.1	86.9	87.1	87.6	88.0	88.1	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
IV ≥ 2500	86.7	87.4	87.7	88.1	88.6	88.7	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
IV ≥ 2000	87.3	88.2	88.4	89.0	89.4	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV ≥ 1800	87.4	88.3	88.6	89.1	89.6	89.7	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
IV ≥ 1500	87.8	88.9	89.1	89.7	90.1	90.3	90.4	90.4	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8
IV ≥ 1200	89.1	90.3	90.8	91.6	92.0	92.2	92.3	92.3	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7
IV ≥ 1000	89.1	91.3	91.9	92.8	93.3	93.6	93.8	94.0	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3
IV ≥ 900	89.2	91.7	92.3	93.2	93.8	94.0	94.2	94.4	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9
IV ≥ 800	89.2	91.8	92.4	93.3	93.9	94.1	94.3	94.6	94.8	94.9	95.2	95.2	95.4	95.4	95.4	95.4
IV ≥ 700	89.6	92.1	92.9	93.8	94.3	94.6	94.8	95.0	95.2	95.3	95.7	95.7	95.9	95.9	95.9	95.9
IV ≥ 600	89.7	92.2	93.0	93.9	94.6	94.8	95.0	95.2	95.4	95.6	96.0	96.0	96.3	96.3	96.3	96.3
IV ≥ 500	89.7	92.3	93.2	94.2	95.0	95.6	95.9	96.2	96.4	96.7	97.1	97.2	97.6	97.6	97.6	97.6
IV ≥ 400	89.7	92.3	93.3	94.3	95.2	95.8	96.2	96.7	96.9	97.1	97.6	97.7	98.1	98.1	98.1	98.1
IV ≥ 300	89.7	92.3	93.3	94.3	95.4	96.0	96.4	97.0	97.2	97.4	98.2	98.3	99.3	99.6	99.9	99.9
IV ≥ 200	89.7	92.3	93.3	94.3	95.4	96.0	96.4	97.0	97.2	97.4	98.2	98.3	99.3	99.6	99.9	99.9
IV ≥ 100	89.7	92.3	93.3	94.3	95.4	96.0	96.4	97.0	97.2	97.4	98.2	98.3	99.3	99.6	100.0	100.0
IV ≥ 0	89.7	92.3	93.3	94.3	95.4	96.0	96.4	97.0	97.2	97.4	98.2	98.3	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

4

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AMC

# CEILING VERSUS VISIBILITY

23 30  
STATION

BUCKLEY ANG CO  
STATION NAME

64-70,73-79  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	59.4	57.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 20000	72.9	73.9	74.7	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 18000	73.7	74.0	74.1	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
IV 16000	73.9	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	75.1	75.1
IV 14000	76.1	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	77.3
IV 12000	76.9	79.7	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 10000	81.2	82.8	82.9	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	81.3	82.8	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 8000	82.4	84.0	84.1	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	82.4	84.0	84.1	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 6000	83.3	84.9	85.0	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	84.1	85.7	85.8	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
IV 4500	84.1	85.7	85.8	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
IV 4000	84.7	86.1	86.2	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
IV 3500	85.6	87.2	87.4	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
IV 3000	86.1	87.6	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 2500	86.7	88.7	88.9	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2000	87.2	89.6	89.9	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1800	87.2	89.6	89.9	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1500	88.1	91.1	91.3	91.4	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1200	88.3	92.1	92.6	92.8	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1000	88.3	92.3	93.6	94.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 900	88.3	92.3	93.6	94.1	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 800	88.3	92.3	93.7	94.1	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 700	88.8	92.9	93.8	94.2	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 600	88.8	92.9	93.8	94.2	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 500	88.8	93.2	94.1	94.6	95.8	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 400	88.8	93.2	94.1	94.6	95.9	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 300	88.8	93.2	94.1	94.6	95.9	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 200	88.8	93.2	94.1	94.6	96.0	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 100	88.8	93.2	94.1	94.6	96.0	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0	88.8	93.2	94.1	94.6	96.0	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 900

4  
 FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27136  
 STATION

SUCKLEY ANGR CO  
 STATION NAME

65-70, 73-79  
 YEARS

NOV  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1810-2000  
 HOURS IN DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	62.3	63.1	63.2	63.3	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥20000	64.3	70.6	70.8	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥18000	69.7	71.9	71.1	71.2	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥16000	67.9	71.1	71.3	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥14000	72.1	73.3	73.0	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥12000	74.5	76.4	76.7	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥10000	77.1	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
≥9000	77.8	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥8000	79.1	80.8	81.3	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥7000	79.1	80.4	81.4	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥6000	80.1	81.8	82.3	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥5000	80.7	82.1	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥4500	81.4	82.6	83.1	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥4000	82.1	84.3	84.5	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥3500	82.3	85.1	85.7	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥3000	83.1	86.4	87.1	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
≥2500	84.3	87.3	88.1	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥2000	84.7	87.8	88.8	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥1800	84.7	87.8	88.8	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥1500	85.2	88.6	89.4	89.7	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥1200	85.3	88.7	89.9	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥1000	85.6	89.1	91.7	91.8	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥900	85.6	89.1	91.6	91.8	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥800	85.6	89.0	91.3	91.3	91.6	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥700	85.6	89.1	91.1	91.6	92.1	92.3	92.6	92.9	92.9	92.9	92.9	93.1	93.1	93.2	93.2	93.2
≥600	85.7	89.9	91.6	91.9	92.4	92.7	92.9	93.2	93.2	93.2	93.2	93.4	93.4	93.6	93.6	93.6
≥500	85.7	89.9	91.6	92.1	93.0	93.2	93.4	93.9	93.9	93.9	93.9	94.6	94.6	94.8	94.8	94.8
≥400	85.7	89.9	91.6	92.1	93.2	93.4	93.8	94.2	94.2	94.2	94.2	94.5	94.9	95.1	95.1	95.1
≥300	85.7	89.9	91.6	92.6	93.8	94.1	94.6	95.1	95.1	95.1	95.6	96.2	96.2	96.8	96.8	96.8
≥200	85.7	90.2	92.2	92.9	94.1	94.4	95.4	96.1	96.1	96.2	96.3	97.1	97.1	97.8	97.8	97.9
≥100	85.7	90.2	92.2	92.9	94.1	94.4	95.4	96.2	96.3	96.6	97.4	97.4	98.2	98.2	98.7	98.7
0	85.7	90.2	92.2	92.9	94.1	94.4	95.4	96.2	96.3	96.7	97.6	97.6	98.3	98.3	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 906

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
A. WEATHER SERVICE/MAL

# CEILING VERSUS VISIBILITY

24.35  
STATION

BUCKLEY ANSB CO  
STATION NAME

68-70,73-79  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2150-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING	67.7	68.3	63.6	69.0	67.1	69.1	69.1	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8
≥20000	72.4	73.6	73.4	74.2	74.3	74.3	74.3	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0
IV 18000	72.4	73.6	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0
IV 16000	72.4	73.6	74.2	74.4	74.6	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
IV 14000	73.4	74.6	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0
IV 12000	76.4	77.4	77.7	78.1	78.2	78.2	78.2	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	79.0	79.0
IV 10000	77.4	79.3	79.6	80.0	80.1	80.1	80.1	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.9	80.9
IV 9000	78.3	79.6	80.0	80.4	80.6	80.6	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.3
IV 8000	78.3	80.2	80.4	80.7	81.0	81.0	81.0	81.4	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.8	81.8
IV 7000	79.8	80.2	80.5	80.9	81.0	81.0	81.0	81.4	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.8	81.8
IV 6000	79.9	81.4	81.9	82.3	82.4	82.4	82.4	82.9	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 5000	80.7	82.4	83.7	83.4	83.6	83.6	83.6	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.3
IV 4500	80.8	82.6	83.1	83.6	83.7	83.7	83.7	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.4
IV 4000	81.2	83.3	83.9	84.3	84.4	84.4	84.4	84.4	84.7	84.7	84.7	85.0	85.0	85.0	85.1	85.1	85.2
IV 3500	81.9	84.1	84.6	85.1	85.1	85.1	85.1	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.9
IV 3000	82.7	84.6	85.3	85.8	85.9	85.9	85.9	85.9	86.3	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.7
IV 2500	82.3	85.1	86.1	86.4	86.6	86.6	86.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.3
IV 2000	83.0	86.1	87.1	87.7	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.4	88.4	88.4	88.6	88.6	88.7
IV 1800	83.1	86.2	87.2	87.8	87.9	87.9	87.9	88.4	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.8	88.8
IV 1500	83.3	87.1	88.2	88.8	88.9	88.9	88.9	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9	89.9
IV 1200	84.2	87.7	88.8	89.3	89.6	89.6	89.7	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.6	90.6	90.7
IV 1000	84.6	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 900	84.6	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 800	84.7	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 700	84.7	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 600	84.7	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 500	84.7	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 400	84.7	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 300	84.7	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 200	84.7	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 100	84.7	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7
IV 0	84.7	88.7	89.4	90.2	90.4	90.4	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.7

TOTAL NUMBER OF OBSERVATIONS 922

4

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2136  
STATION

BUCKLEY ANG5 CO  
STATION NAME

58-70,73-79  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	54.4	65.0	65.7	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4	66.5
IV 20000	73.3	74.0	74.3	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.0	75.1
IV 18000	73.7	74.1	74.3	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.2
IV 16000	73.6	74.4	74.6	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.5
IV 14000	75.4	76.2	76.4	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.2	77.3
IV 12000	77.7	78.5	79.1	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.9	80.0
IV 10000	79.7	80.8	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.9	82.0
IV 9000	80.7	81.0	81.5	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.2
IV 8000	81.6	81.6	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.8
IV 7000	80.7	81.7	82.1	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.9	83.0
IV 6000	81.3	82.4	82.8	83.1	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.6	83.7
IV 5000	82.1	83.3	83.8	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.6	84.7
IV 4500	82.3	83.4	83.8	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.7	84.8
IV 4000	82.8	84.1	84.6	84.9	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.5	85.6
IV 3500	83.3	84.7	85.1	85.4	85.6	85.7	85.7	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.1	86.2	86.3
IV 3000	83.6	85.3	85.8	86.1	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.8	86.8	86.9
IV 2500	84.2	86.2	86.6	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.6
IV 2000	84.9	86.7	87.3	87.6	87.9	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.5	88.6
IV 1800	85.1	86.8	87.5	87.8	88.1	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.7	88.8	88.8
IV 1500	85.8	87.5	88.2	88.6	88.9	89.1	89.1	89.2	89.2	89.3	89.3	89.4	89.4	89.5	89.5	89.6	89.7
IV 1200	86.1	88.2	89.0	89.3	89.6	89.9	90.1	90.2	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.8
IV 1000	86.3	88.7	89.7	90.2	90.7	90.9	91.1	91.2	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.7	91.7
IV 900	86.4	89.0	90.0	90.6	91.1	91.3	91.5	91.6	91.7	91.8	91.8	91.9	92.0	92.0	92.1	92.2	92.2
IV 800	86.5	89.1	90.2	90.8	91.3	91.5	91.7	92.0	92.0	92.2	92.3	92.3	92.5	92.5	92.6	92.7	92.7
IV 700	86.8	89.3	90.4	91.0	91.5	91.8	92.0	92.3	92.3	92.5	92.6	92.6	92.8	92.8	92.9	93.0	93.0
IV 600	86.8	89.4	90.6	91.2	91.8	92.1	92.3	92.6	92.6	92.8	93.0	93.0	93.2	93.2	93.3	93.4	93.4
IV 500	86.8	89.7	90.9	91.6	92.3	92.7	93.1	93.4	93.6	93.9	94.2	94.3	94.5	94.6	94.7	94.8	94.8
IV 400	86.7	89.4	91.0	92.0	92.9	93.2	93.7	94.1	94.4	94.8	95.2	95.3	95.7	95.7	95.9	96.0	96.0
IV 300	86.7	90.0	91.4	92.3	93.5	93.9	94.6	95.1	95.5	96.2	96.9	97.1	98.0	98.1	98.4	98.4	98.4
IV 200	86.7	90.0	91.5	92.3	93.6	94.0	94.7	95.2	95.6	96.3	97.1	97.3	98.4	98.6	98.9	99.4	99.4
IV 100	86.7	90.0	91.5	92.3	93.6	94.0	94.7	95.2	95.6	96.4	97.1	97.3	98.4	98.6	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7204

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
14 FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27-36  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	72.7	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
IV 20000	78.6	79.8	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
IV 18000	78.7	79.9	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
IV 16000	79.7	80.1	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7
IV 14000	80.7	81.9	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
IV 12000	82.7	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
IV 10000	84.7	85.9	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
IV 9000	85.7	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
IV 8000	85.7	86.9	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
IV 7000	85.7	87.0	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
IV 6000	85.9	87.2	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8
IV 5000	86.9	88.2	88.4	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
IV 4500	86.9	88.2	88.4	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
IV 4000	87.3	88.7	89.1	89.1	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
IV 3500	87.6	89.3	89.6	89.6	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
IV 3000	88.4	90.7	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	90.9
IV 2500	88.7	90.6	91.0	91.0	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5
IV 2000	89.7	91.1	91.6	91.6	91.6	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
IV 1800	89.7	91.2	91.7	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
IV 1500	89.9	91.4	92.3	92.4	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
IV 1200	90.2	92.1	92.6	92.6	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
IV 1000	90.7	92.2	92.7	92.7	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
IV 900	91.5	92.5	93.1	93.1	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
IV 800	91.6	92.6	93.1	93.1	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
IV 700	90.8	92.9	93.3	93.2	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
IV 600	90.8	92.9	93.3	93.5	93.9	93.9	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9
IV 500	91.1	93.3	93.8	94.3	94.6	94.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
IV 400	91.5	93.6	94.3	94.6	95.0	95.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
IV 300	91.2	93.8	94.6	94.9	95.3	95.3	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
IV 200	91.5	93.8	94.6	94.9	95.3	95.3	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
IV 100	91.4	93.8	94.6	94.9	95.3	95.3	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
IV 0	91.4	93.8	94.6	94.9	95.3	95.3	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4

TOTAL NUMBER OF OBSERVATIONS 424



4

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27 55  
STATION

BUCKLEY ANG CO  
STATION NAME

58-70, 73-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0500  
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	73.2	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
IV 20000	70.7	81.7	82.1	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
IV 18000	79.7	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
IV 16000	80.0	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0
IV 14000	81.2	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
IV 12000	83.3	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
IV 10000	85.3	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3
IV 9000	85.5	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
IV 8000	86.1	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
IV 7000	86.5	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
IV 6000	86.5	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4
IV 5000	87.1	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
IV 4500	87.9	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
IV 4000	87.9	88.6	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
IV 3500	88.3	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
IV 3000	89.3	89.9	89.9	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6
IV 2500	89.3	90.3	90.3	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
IV 2000	89.4	91.0	91.0	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0
IV 1800	89.6	91.2	91.2	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
IV 1500	89.4	92.1	92.1	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3
IV 1200	90.9	92.5	92.5	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
IV 1000	91.2	93.0	93.0	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.2
IV 900	91.3	93.1	93.1	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2
IV 800	91.3	93.1	93.1	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.9
IV 700	91.6	93.4	93.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.3
IV 600	91.6	93.4	93.4	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.3
IV 500	91.3	93.3	93.3	95.2	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	97.4
IV 400	91.3	93.8	93.8	95.6	95.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	98.4
IV 300	91.4	93.8	93.8	95.6	95.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	99.7
IV 200	91.4	93.8	93.8	95.6	95.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	99.9
IV 100	91.3	93.8	93.8	95.6	95.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	99.9
IV 0	91.3	93.8	93.8	95.6	95.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	99.9

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27036  
 STATION

BUCKLEY ANG3 CO  
 STATION NAME

62-70,73-79  
 YEARS

DEC  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2400  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	58.8	68.8	68.8	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000	76.6	76.8	76.8	76.9	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 18000	77.7	77.2	77.7	77.4	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
16000	77.1	77.4	77.4	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 14000	78.4	78.7	78.7	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
12000	81.4	81.7	81.7	81.8	81.8	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 10000	84.5	84.7	84.7	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
9000	84.5	84.7	84.7	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 8000	85.4	85.6	85.6	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
7000	85.4	85.6	85.6	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 6000	86.3	86.7	86.7	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
5000	86.9	87.2	87.2	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	87.1	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
4000	87.4	87.8	87.8	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	87.6	88.1	88.6	88.7	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
3000	88.1	89.1	89.7	89.9	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 2500	88.7	89.7	90.9	90.7	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
2000	88.7	89.9	90.7	90.9	91.3	91.4	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	88.3	89.9	90.7	91.0	91.4	91.5	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1500	88.3	89.9	90.7	91.0	91.4	91.5	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1200	88.6	90.0	90.8	91.1	91.5	91.7	91.7	92.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
1000	88.9	90.4	91.1	91.5	92.0	92.1	92.2	92.5	92.6	93.0	93.1	93.1	93.1	93.2	93.2	93.2
IV 900	89.1	91.3	91.7	92.1	92.6	92.7	93.1	93.4	93.5	93.8	93.9	93.9	93.9	94.0	94.0	94.0
800	89.2	91.1	91.9	92.4	93.0	93.1	93.5	93.8	93.9	94.3	94.4	94.4	94.4	94.5	94.6	94.6
IV 700	89.3	91.4	92.3	93.1	93.6	93.7	94.1	94.5	94.6	94.9	95.0	95.0	95.1	95.2	95.2	95.2
600	89.4	91.7	92.5	93.3	93.8	93.9	94.5	94.8	95.0	95.4	95.6	95.6	95.7	95.8	95.8	95.8
IV 500	89.6	92.1	93.4	94.3	94.8	94.9	95.4	95.8	96.1	96.5	96.7	96.7	97.2	97.5	97.5	97.5
400	89.7	92.2	93.5	94.7	95.3	95.4	96.1	96.4	96.7	97.2	97.6	97.6	98.0	98.4	98.4	98.5
IV 300	89.7	92.2	93.5	94.7	95.3	95.4	96.1	96.5	96.7	97.4	97.8	97.8	98.3	98.9	98.9	99.0
200	89.7	92.3	93.6	94.8	95.4	95.6	96.4	97.2	97.5	98.0	98.5	98.5	98.8	99.0	99.8	99.9
IV 100	89.7	92.3	93.6	94.8	95.4	95.6	96.4	97.2	97.5	98.0	98.5	98.5	98.6	99.0	99.8	99.9
0	89.7	92.3	93.6	94.8	95.4	95.6	96.4	97.2	97.5	98.0	98.5	98.5	98.6	99.0	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 923

4

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27036  
STATION

BUCKLEY ANGFB CO

STATION NAME

63-70, 73-79

YEARS

DEC

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	51.0	65.4	63.6	58.9	69.0	69.0	69.7	69.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	76.5	79.0	79.2	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 18000	78.6	79.1	79.3	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
IV 16000	78.7	79.2	79.4	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 14000	81.0	81.9	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 12000	84.2	85.0	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 10000	85.7	86.6	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
IV 9000	85.9	86.8	87.0	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
IV 8000	86.3	87.1	87.3	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	86.7	87.7	87.9	88.2	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 6000	87.4	88.3	88.5	88.9	89.0	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 5000	87.8	88.7	89.0	89.3	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4500	87.8	88.7	89.1	89.3	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4000	88.6	89.7	89.9	90.4	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3500	88.6	89.7	90.1	90.6	90.9	91.1	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000	88.6	89.7	90.1	90.6	90.9	91.1	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500	88.6	89.9	91.4	90.9	91.3	91.7	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	88.7	90.2	90.6	91.2	91.7	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1800	88.7	90.2	90.6	91.2	91.7	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1500	88.7	90.3	90.8	91.5	91.9	92.2	92.6	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1200	89.1	90.4	90.9	91.7	92.1	92.4	93.0	93.5	93.6	94.0	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	89.1	90.5	91.1	91.8	92.2	92.6	93.2	93.7	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4
IV 900	89.1	90.5	91.1	91.8	92.2	92.6	93.2	93.7	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4
IV 800	89.1	90.5	91.1	91.8	92.2	92.6	93.2	93.7	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4
IV 700	89.4	91.2	91.9	92.9	93.4	94.2	95.0	95.8	95.9	96.6	96.9	96.9	97.0	97.0	97.0	97.0
IV 600	89.6	91.2	91.9	92.9	93.4	94.2	95.0	95.8	95.9	96.6	96.9	96.9	97.0	97.0	97.0	97.0
IV 500	89.6	91.2	91.9	92.9	93.4	94.2	95.1	95.9	96.3	96.8	97.4	97.5	97.6	97.6	97.6	97.6
IV 400	89.7	91.3	92.0	93.0	93.6	94.5	95.6	96.3	96.4	97.4	98.3	98.4	98.7	98.7	98.7	98.7
IV 300	89.7	91.3	92.0	93.0	93.6	94.5	95.7	96.4	96.6	97.6	98.5	98.6	99.4	99.4	99.4	99.4
IV 200	89.7	91.3	92.0	93.0	93.6	94.5	95.7	96.4	96.6	97.7	98.7	98.8	99.9	99.9	99.9	99.9
IV 100	89.7	91.3	92.0	93.0	93.6	94.5	95.7	96.4	96.6	97.7	98.7	98.8	99.9	99.9	99.9	99.9
IV 0	89.7	91.3	92.0	93.0	93.6	94.5	95.7	96.4	96.6	97.7	98.7	98.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27.36  
STATION

BUCKLEY ANSB CO  
STATION NAME

68-70,73-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1250-1400  
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	67.6	68.2	68.2	69.2	69.2	69.2	69.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000 IV 16000	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	81.7	81.7	81.7
IV 14000 IV 12000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 10000 IV 9000	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	85.9	85.9
IV 8000 IV 7000	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	88.6	88.6	88.6
IV 6000 IV 5000	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	89.3	89.3	89.3
IV 4500 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 IV 3000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2500 IV 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
IV 1800 IV 1500	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
IV 1200 IV 1000	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 900 IV 800	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 700 IV 600	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 500 IV 400	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
IV 300 IV 200	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 100 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	94.1	94.1	94.1	94.1

TOTAL NUMBER OF OBSERVATIONS 924

4

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2013  
STATION

BUCKLEY ANG CO  
STATION NAME

66-70,73-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

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	54.7	65.2	65.2	65.2	6.2	65.2	65.2	65.2	65.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 20000	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 18000	73.8	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
IV 16000	74.6	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	75.3
IV 14000	77.7	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	78.3
IV 12000	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	81.7	81.7	81.7
IV 10000	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	84.7	84.7
IV 9000	84.6	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 8000	85.4	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	86.0	86.0
IV 7000	85.6	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
IV 6000	86.1	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	86.8
IV 5000	87.1	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	87.9
IV 4500	87.3	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	88.5	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 3500	88.6	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
IV 3000	88.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	89.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2000	89.5	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	91.0
IV 1800	89.6	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 1500	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	91.4
IV 1200	90.3	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
IV 1000	90.3	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
IV 900	90.3	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 800	90.3	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 700	90.3	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 600	90.3	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	93.0	93.0
IV 500	90.3	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
IV 400	90.3	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
IV 300	90.3	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
IV 200	90.3	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
IV 100	90.3	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
IV 0	90.3	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

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2536 STATION UCKLEY ANG B CO 66-70,73-79 YEARS DEC MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	66.1	67.5	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 2000	74.9	76.3	76.9	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IVM 18000	74.9	76.3	76.9	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IVM 16000	75.4	76.8	77.1	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IVM 14000	77.2	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IVM 12000	79.9	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IVM 10000	82.1	83.5	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IVM 9000	83.7	84.4	84.6	84.6	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 8000	83.9	85.4	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IVM 7000	84.4	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IVM 6000	85.1	86.5	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IVM 5000	85.4	87.3	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IVM 4500	86.7	87.9	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IVM 4000	87.6	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IVM 3500	87.9	90.0	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IVM 3000	88.7	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IVM 2500	89.1	91.3	91.4	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IVM 2000	89.4	92.0	92.2	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
IVM 1800	89.9	92.4	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IVM 1500	90.1	92.7	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IVM 1200	90.2	92.9	93.6	93.9	93.9	94.0	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IVM 1000	90.3	92.9	93.6	94.0	94.1	94.2	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
IVM 900	90.4	93.2	94.1	94.7	94.8	94.9	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
IVM 800	90.4	93.3	94.2	94.8	94.9	95.0	95.3	95.4	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8
IVM 700	90.4	93.3	94.2	94.9	95.0	95.1	95.4	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IVM 600	90.6	93.4	94.4	95.1	95.1	95.2	95.5	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IVM 500	90.7	93.6	94.6	95.1	95.3	95.7	96.1	96.6	96.7	97.3	97.8	97.8	97.8	97.8	97.8	97.8
IVM 400	90.8	93.6	94.6	95.5	95.8	95.8	96.3	96.9	97.1	97.6	98.3	98.3	98.3	98.3	98.3	98.3
IVM 300	90.8	93.9	94.9	95.7	96.0	96.1	96.5	97.1	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.1
IVM 200	90.8	93.9	94.9	95.7	96.0	96.1	96.5	97.1	97.5	98.4	99.2	99.2	99.2	99.2	99.2	99.2
IVM 100	90.9	93.9	94.9	95.7	96.0	96.1	96.5	97.1	97.5	98.4	99.2	99.2	99.2	99.2	99.2	99.2
IVM 0	90.9	93.9	94.9	95.7	96.0	96.1	96.5	97.1	97.5	98.4	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70,73-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.4	72.0	72.7	73.2	73.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
IV 20000	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
IV 18000	79.2	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	80.0	80.0
IV 16000	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5
IV 14000	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4
IV 12000	83.3	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
IV 10000	85.3	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	85.5	85.5
IV 9000	85.5	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
IV 8000	85.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
IV 7000	86.0	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	87.4	87.4
IV 6000	86.1	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	87.4	87.4
IV 5000	86.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1
IV 4500	87.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4
IV 4000	87.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
IV 3500	88.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
IV 3000	89.5	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.2	91.2
IV 2500	90.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.9	92.0
IV 2000	90.4	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.4	92.4
IV 1800	90.3	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.5	92.5
IV 1500	90.8	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8
IV 1200	90.4	92.2	92.6	93.2	93.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.5
IV 1000	90.9	92.3	92.8	93.4	93.8	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.9	94.9
IV 900	91.1	92.5	93.1	93.8	94.2	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4
IV 800	91.3	92.7	93.3	94.0	94.6	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8	95.8
IV 700	91.7	93.2	93.8	94.6	95.1	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.3	96.3
IV 600	91.7	93.2	93.8	94.6	95.1	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.5	96.5
IV 500	91.7	93.3	93.9	94.7	95.3	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.9	97.1	97.2
IV 400	92.1	93.5	94.1	94.9	95.5	95.9	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.2	97.2
IV 300	92.3	93.5	94.2	95.2	95.9	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.8	98.0	98.0
IV 200	92.1	93.5	94.2	95.2	95.9	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	98.2	98.7	98.7
IV 100	92.1	93.5	94.2	95.2	95.9	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	98.7	99.1	99.2
IV 0	92.1	93.5	94.2	95.2	95.9	96.3	97.0	97.5	97.5	97.5	97.5	97.5	97.5	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21036  
STATION

MUCKLEY ANGB CO  
STATION NAME

68-70, 73-79  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 11 STT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	69.7	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
IV 20000	77.7	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 18000	77.9	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
IV 16000	78.2	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
IV 14000	79.9	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 12000	82.5	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
IV 10000	84.9	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	86.0	86.1
IV 9000	85.2	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 8000	85.9	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
IV 7000	86.8	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 6000	86.8	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
IV 5000	87.3	88.0	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
IV 4500	87.3	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
IV 4000	88.1	89.1	89.3	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500	88.3	89.4	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3000	88.9	90.2	90.5	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
IV 2500	89.2	90.6	91.0	91.2	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
IV 2000	89.5	91.0	91.5	91.8	92.1	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6
IV 1800	89.8	91.2	91.6	92.0	92.2	92.3	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7
IV 1500	89.9	91.5	92.0	92.5	92.8	92.9	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6
IV 1200	90.0	91.8	92.3	92.7	93.1	93.2	93.5	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IV 1000	90.2	92.0	92.5	93.0	93.4	93.5	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.4
IV 900	90.3	92.2	92.7	93.1	93.6	94.0	94.4	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0
IV 800	90.4	92.4	93.0	93.5	94.0	94.3	94.7	95.0	95.1	95.3	95.4	95.4	95.4	95.4	95.5	95.5
IV 700	90.6	92.6	93.1	93.6	94.0	94.5	94.7	95.2	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.0
IV 600	90.7	92.7	93.5	94.1	94.6	94.8	95.4	95.8	95.9	96.2	96.3	96.3	96.3	96.4	96.4	96.4
IV 500	90.9	92.9	93.8	94.5	95.0	95.3	95.9	96.3	96.4	96.9	97.3	97.3	97.3	97.4	97.5	97.5
IV 400	90.9	93.1	94.1	94.7	95.3	95.8	96.2	96.6	96.8	97.4	97.9	97.9	98.1	98.1	98.2	98.2
IV 300	90.9	93.1	94.0	94.8	95.4	95.7	96.4	97.0	97.2	97.9	98.5	98.5	98.8	99.0	99.2	99.2
IV 200	90.9	93.1	94.0	94.8	95.4	95.7	96.5	97.1	97.3	98.1	98.8	98.8	99.4	99.6	99.7	99.8
IV 100	90.9	93.1	94.0	94.8	95.4	95.7	96.5	97.1	97.3	98.1	98.8	98.8	99.4	99.6	99.8	99.9
IV 0	90.9	93.1	94.0	94.8	95.4	95.7	96.5	97.1	97.3	98.1	98.8	98.8	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7384



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

27036  
STATION

BUCKLEY ANGP CO  
STATION NAME

69-70, 73-81  
YEARS

ALL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	64.7	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6
≥ 20000	72.8	73.4	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
IV 18000	72.4	73.5	73.7	73.7	73.8	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
IV 16000	73.1	73.7	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2
IV 14000	74.5	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6
IV 12000	76.1	76.6	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 10000	81.2	82.0	82.7	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5
IV 9000	82.1	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
IV 8000	82.1	83.1	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
IV 7000	82.7	83.5	83.7	83.6	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 6000	85.0	85.8	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
IV 5000	86.5	87.4	87.7	87.6	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
IV 4500	86.7	87.6	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
IV 4000	87.7	88.8	89.1	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
IV 3500	88.1	89.2	89.6	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
IV 3000	88.6	89.8	90.2	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
IV 2500	89.1	90.4	90.9	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5
IV 2000	89.6	91.1	91.6	91.8	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.4
IV 1800	89.7	91.2	91.7	91.9	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5
IV 1500	90.0	91.7	92.2	92.5	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
IV 1200	90.3	92.2	92.8	93.1	93.4	93.5	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000	90.9	92.5	93.2	93.5	93.9	94.0	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.6
IV 900	90.6	92.7	93.4	93.6	94.2	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
IV 800	90.7	92.9	93.6	94.0	94.4	94.6	94.8	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
IV 700	90.3	93.1	93.9	94.3	94.7	94.8	95.1	95.3	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7
IV 600	90.9	93.2	94.1	94.5	95.2	95.2	95.5	95.8	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2
IV 500	91.1	93.5	94.4	94.9	95.5	95.7	96.0	96.4	96.5	96.8	96.9	97.0	97.0	97.1	97.1	97.1
IV 400	91.3	93.6	94.6	95.1	95.8	96.0	96.5	96.9	97.1	97.4	97.7	97.7	97.8	97.9	97.9	98.0
IV 300	91.2	93.7	94.7	95.3	96.0	96.3	96.7	97.3	97.5	97.9	98.3	98.4	98.6	98.6	98.8	98.8
IV 200	91.2	93.7	94.7	95.3	96.1	96.4	96.9	97.4	97.7	98.2	98.6	98.7	99.1	99.2	99.4	99.4
IV 100	91.2	93.7	94.7	95.3	96.2	96.4	96.9	97.5	97.7	98.2	98.7	98.8	99.2	99.3	99.6	99.8
IV 0	91.2	93.7	94.7	95.3	96.2	96.4	96.9	97.5	97.7	98.2	98.7	98.8	99.2	99.3	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 87574

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS  
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



4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

SKY COVER

23036

BUCKLEY ANGB CO

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	00-02	34.6			26.5						12.8	26.1	4.6	846
	03-05	35.2			24.9						15.9	24.1	4.6	844
	06-08	19.5			29.9						22.4	28.2	5.7	845
	09-11	15.7			29.1						25.5	29.7	6.1	842
	12-14	11.9			31.4						28.4	28.3	6.3	846
	15-17	17.4			31.1						28.9	29.6	6.5	845
	18-20	16.2			35.3						21.5	27.0	5.7	845
	21-23	27.7			30.1						15.8	26.1	4.9	846
TOTALS		21.4			29.8						21.4	27.4	5.6	6759

USAFETAC

FORM 0-9-5 (OL A)  
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

SKY COVER

23036 BUCKLEY ANGB CO 69-70,73-80 MAR

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	
MAR	00-02	25.1			28.3							17.1	29.6	5.3	930
	03-05	25.7			29.8							16.0	28.5	5.2	930
	06-08	12.5			29.1							23.7	34.7	6.5	930
	09-11	10.5			29.8							25.9	33.8	6.6	930
	12-14	7.7			28.8							27.5	35.8	6.9	930
	15-17	7.2			22.2							29.7	41.0	7.4	930
	18-20	11.6			26.9							24.4	37.1	6.7	930
	21-23	23.3			25.3							16.8	34.7	5.7	929
TOTALS		15.5			27.5							22.7	34.4	6.3	7439

4  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

SKY COVER

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
PERIOD

APR  
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	
APR	00-02	31.7			23.4							15.1	24.8	4.7	899
	03-05	29.6			30.2							14.4	25.8	4.8	898
	06-08	17.3			34.2							22.3	26.3	5.7	898
	09-11	13.2			35.6							24.9	26.3	5.9	900
	12-14	8.7			29.0							31.9	30.4	6.8	900
	15-17	6.6			25.0							31.7	36.8	7.3	900
	18-20	10.1			32.4							23.1	34.3	6.5	900
	21-23	27.7			27.9							16.5	27.9	5.1	899
	TOTALS	18.1			30.3							22.5	29.1	5.9	7194



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

23036 BUCKLEY ANGB CO

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	36.6			31.1						17.1	15.2	4.0	900
	03-05	26.7			36.9						21.5	14.9	4.5	899
	06-08	26.0			34.7						22.8	16.6	4.7	900
	09-11	20.2			46.0						17.7	16.1	4.6	900
	12-14	7.3			48.3						26.0	18.3	5.6	900
	15-17	3.2			38.2						34.6	24.0	6.7	900
	18-20	4.8			37.1						32.8	25.3	6.6	900
	21-23	23.0			35.3						23.1	18.6	5.0	900
TOTALS		18.5			38.5						24.5	18.6	5.2	7199





4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SKY COVER

23036  
STATIONBUCKLEY ANGB CO  
STATION NAME69-70,73-80  
PERIODAUG  
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	
AUG	00-02	33.2			32.7							19.7	8.9	3.8	929
	03-05	31.9			42.5							16.9	8.7	3.7	930
	06-08	22.7			42.5							21.1	13.7	4.5	929
	09-11	17.1			49.6							20.1	13.2	4.6	930
	12-14	5.5			51.8							30.9	11.8	5.5	930
	15-17	3.0			36.1							41.9	19.1	6.8	929
	18-20	5.0			38.2							39.2	17.7	6.4	927
	21-23	20.4			43.6							23.0	13.1	4.7	927
	TOTALS	17.4			42.8							26.6	13.3	5.0	7431





4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SKY COVER

23036      WUCKLEY ANGB CO  
STATION          STATION NAME

6R-70,73-79  
PERIOD

NOV  
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
NOV	00-02	38.3			23.8						13.9	24.0	4.4	899
	03-05	39.9			22.5						14.1	23.5	4.3	898
	06-08	22.3			30.4						23.4	23.9	5.4	894
	09-11	15.7			32.5						27.1	24.7	5.9	896
	12-14	14.8			30.7						26.9	27.6	6.1	899
	15-17	15.0			29.3						26.9	28.8	6.2	900
	18-20	26.8			25.1						19.6	28.5	5.4	899
	21-23	33.4			26.1						15.7	24.8	4.7	896
	TOTALS	25.8			27.6						21.0	25.7	5.3	7181

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

23036 BUCKLEY ANGB CO  
STATION STATION NAME

68-70,73-80  
PERIOD

ALL  
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	18.8			28.7						24.3	28.3	5.9	7432
FEB		21.4			29.8						21.4	27.4	5.6	6759
MAR		15.5			27.5						22.7	34.4	6.3	7439
APR		18.1			37.3						22.5	29.1	5.9	7194
MAY		14.5			37.6						25.8	29.1	6.1	7435
JUN		18.5			38.5						24.5	18.6	5.2	7199
JUL		13.1			45.4						28.3	13.2	5.2	7437
AUG		17.4			42.8						26.6	13.3	5.0	7431
SEP		28.3			35.9						19.9	16.0	4.5	7197
OCT		30.8			29.7						18.6	20.9	4.7	7440
NOV		25.8			27.6						21.0	25.7	5.3	7181
DEC		23.7			30.9						22.4	22.9	5.3	7380
TOTALS		27.5			33.1						23.2	23.2	5.4	87524

## 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:** Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding  $\pm 1^{\circ}$  from directly converted values but excludes no Fahrenheit values.

**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.

Continued on Reverse



3. Bivariate percentage frequency distribution and computations 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 ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). 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  
 AIR WEATHER SERVICE/MAC  
 27036 BUCKLEY ANGB CO  
 STATION STATION NAME

DAILY TEMPERATURES

61-60

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
100							.2	.6					.1
95						2.3	4.5	3.2					.9
90						12.8	29.8	17.7	2.3				5.4
85					3.2	28.3	65.8	45.2	14.0	.7			13.5
80				.3	13.4	50.2	84.5	74.4	37.7	7.6			22.9
75			.8	6.7	31.6	72.3	92.7	88.1	57.4	22.2	.7	.2	31.7
70		.9	4.7	19.4	51.9	83.2	97.4	95.3	72.6	40.7	4.2	.3	40.0
65	1.0	3.5	13.2	33.4	65.0	90.5	98.7	98.4	81.4	53.5	12.5	1.9	46.8
60	5.8	10.1	28.2	49.9	78.5	95.0	99.5	99.4	89.3	67.9	26.5	1.5	55.8
55	14.6	19.2	37.7	65.1	86.5	96.8	99.7	100.0	93.7	79.1	40.9	21.3	63.6
50	27.5	36.3	49.7	77.3	94.2	99.3	100.0		95.8	87.3	52.7	34.9	71.8
45	41.8	55.3	63.2	85.3	97.1	100.0			97.7	91.3	64.9	47.6	79.1
40	55.3	67.8	72.6	92.0	99.2				99.3	95.4	75.9	60.9	85.2
35	65.4	74.9	80.5	96.3	99.5				99.8	98.0	86.3	73.6	89.7
30	77.1	86.8	90.3	99.3	100.0				100.0	99.2	92.3	85.9	94.4
25	83.5	93.1	95.6	99.5						99.3	97.9	90.8	96.7
20	89.8	97.0	97.3	100.0						100.0	99.5	94.7	98.2
15	93.2	98.1	99.2								99.8	96.6	98.9
10	96.1	99.1	99.8									98.3	99.4
5	98.5	99.6	100.0								100.0	99.7	99.8
0	99.5	100.0										100.0	100.0
-5	99.8												100.0
-10	100.0												100.0
MEAN	39.4	44.0	48.6	58.2	68.1	78.5	85.7	83.0	74.0	64.0	49.8	42.8	61.3
SD	14.531	12.680	14.107	11.881	10.786	9.897	6.916	7.194	11.050	12.475	12.840	13.351	14.696
TOTAL OBS	589	537	620	599	620	610	620	620	570	589	569	568	7121

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 23036 BUCKLEY ANGB CO

DAILY TEMPERATURES

STATION

STATION NAME

61-80

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
70							.5	.2					.1
65						1.3	8.9	6.1	.2				1.4
60					.2	11.2	48.9	34.2	3.2	.2			8.5
55					4.4	35.7	84.0	71.1	21.2	1.0			18.7
50	.2		.2	1.7	18.7	68.3	97.1	95.0	50.9	7.5	.2		29.0
45		.7	1.3	7.0	43.7	89.5	99.5	99.8	70.9	23.9	1.4		37.2
40	.7	2.0	4.0	23.4	71.3	98.2	100.0	100.0	86.8	46.3	8.6	1.5	46.0
35	6.9	7.3	16.6	44.4	87.9	99.8			94.7	69.3	22.1	6.8	55.4
33	10.2	19.8	22.6	56.6	92.7	100.0			97.4	75.6	29.5	11.7	59.7
30	16.5	21.0	35.8	73.5	97.7				98.8	85.6	40.2	21.9	66.6
25	31.9	44.1	58.4	89.5	99.8				99.8	93.0	61.2	37.1	76.7
20	47.9	62.2	76.3	97.3					100.0	98.5	79.3	55.8	85.1
15	62.1	77.7	86.5	98.3	100.0					99.3	92.3	71.9	90.7
10	72.0	88.1	93.2	99.8						99.8	96.7	85.0	94.7
5	80.8	93.3	96.5							100.0	98.9	90.6	96.7
0	88.1	98.1	98.2	100.0							99.5	94.6	98.2
-5	93.9	99.3	99.7								99.6	97.3	99.2
-10	97.6	99.6	100.0								99.8	98.8	99.7
-15	99.0	100.0									100.0	99.7	99.9
-20	99.9											100.0	100.0
-25	99.7												100.0
-30	100.0												100.0
MEAN	16.6	21.6	25.3	33.7	43.0	52.2	58.9	57.2	46.3	38.1	26.9	19.9	36.8
S D	13.112	9.872	9.766	7.485	6.789	5.926	4.571	4.739	7.382	8.361	9.155	11.138	16.739
TOTAL OBS	589	537	620	599	620	600	620	620	570	589	569	588	7121

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 STATION 23036 BUCKLEY ANGB CO

DAILY TEMPERATURES

61-80

STATION

STATION NAME

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
85							.2	.2					.0
80						1.5	5.3	3.5					.9
75						11.5	37.9	23.1	1.8				6.4
70					3.2	30.3	76.0	58.7	16.7	.7			16.0
65				.3	14.7	60.2	93.1	87.4	42.3	6.1			26.0
60	.2	.2	.8	6.8	35.5	80.3	98.2	96.3	64.6	22.1	.7		34.5
55		1.5	4.2	19.4	58.7	91.7	99.5	99.5	79.5	42.4	4.2	.9	42.5
50	1.9	4.1	14.4	36.4	76.3	97.2	99.7	100.0	90.2	60.1	17.0	3.7	50.8
45	9.2	12.9	28.5	59.9	91.8	99.5	100.0		94.7	76.7	32.3	13.4	60.7
40	21.8	27.4	44.4	78.1	96.9	100.0			97.4	87.4	49.0	28.2	69.8
35	38.3	50.1	61.1	90.2	99.0				99.5	93.7	64.5	42.3	78.7
30	51.4	66.1	76.6	95.5	100.0				100.0	97.3	78.7	58.3	85.6
25	64.7	78.2	86.1	99.2						99.2	90.2	75.7	91.3
20	75.4	88.6	93.2							99.5	97.4	86.6	95.1
15	83.9	94.4	97.1	100.0						99.8	99.3	92.2	97.5
10	88.8	97.8	98.2							100.0	99.6	95.1	98.3
5	94.6	99.1	99.5								99.6	97.4	99.2
0	97.8	99.4	100.0									98.8	99.7
-5	99.2	99.8									100.0	99.7	99.9
-10	99.5	100.0										100.0	100.0
-15	99.8												100.0
-20	100.0												100.0
MEAN	28.2	33.0	37.2	46.2	55.8	65.6	72.5	76.4	61.4	51.3	38.6	31.6	49.3
SD	15.263	10.751	11.342	9.086	8.128	7.447	5.189	5.332	8.682	9.884	10.472	11.684	17.889
TOTAL OBS	584	577	623	599	624	610	620	620	570	589	569	568	7121

GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

### EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

27-30 WICKLEY ANG& CO  
STATION                      STATION NAME

61-80  
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS
61			66	78	85	92	92	91	92	78	64	61	
62		71	70	73	86	92	93	96	89	85	71	66	86
63		72	79	79	86	95	95	93	89	82	69	63	95
64		57	68	77	88	90	95	93	92	84	72	71	95
65		52	56	80	82	83	92	91	84	97	71	76	92
66		56	73	77	89	94	95	92	86	77	70	64	95
67		67	75	75	87	83	91	91	80	86	71	55	91
68		60	71	75	82	98	94	93	86	82	68	63	98
69		64	72	79	86	92	94	97	89	85	66	65	97
70		69	66	78	86	97	94	101	89	81	74	65	101
71		63	82	75	93	96	98	87	89	80	75	64	98
72		73	75	77	82	84	79	91	81	80	54	57	99
73		58	63	71	77	91	100	91	93	81	72	67	100
74		56	62	76	88	91	92	91	80	83	69	67	92
75		62	59	81	80	91	94	97	86	85	76	66	97
76		67	73	75	82	93	95	91	92	81	63	62	98
77		64	69	78	83	94	94	94	91	80	75	64	99
78		62	73	78	86	93	96	91	92	82	77	62	96
79		74	66	76	81	93	94	101	90	83	69	65	102
80		67	63	77	80	99	98	101					
MEAN	6.61	64.4	73.4	77.1	84.0	92.1	95.7	94.1	97.0	81.7	70.8	65.3	96.6
SD	5.033	5.766	5.009	2.461	3.223	4.466	2.681	4.245	3.522	2.407	2.216	5.256	3.225
TOTAL OBS.	589	537	623	599	623	600	620	670	575	369	569	576	7111

NOTES \* (BASED ON LESS THAN FULL MONTHS)

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

IF AT LEAST ONE DAY LESS THAN 24 HRS



GLOBAL CLIMATOLOGY BRANCH  
 USAFCTAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21036 BUCKLEY ANGB CO  
 STATION STATION NAME

69-70,73-80  
 YEARS

JAN  
 MONTH

PAGE 1 0000-0200  
 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	
60/ 59																		2	2			
54/ 53																		1	1			
50/ 49																		3	3			
46/ 47																		5	5			
46/ 46																		13	13			
44/ 47																		6	6			
42/ 41																		15	15			
40/ 39																		25	25	4		
38/ 37																		30	30	6		
36/ 35																		53	53	20		
34/ 33																		53	53	23		
32/ 31																		70	70	45		
30/ 29																		59	59	62		
28/ 27																		48	48	97		
26/ 25																		61	61	84		
24/ 23																		46	46	61		
22/ 21																		50	50	63		
20/ 19																		53	53	62		
18/ 17																		37	37	51		
16/ 15																		44	44	35		
14/ 13																		37	37	57		
12/ 11																		47	47	51		
10/ 9																		31	31	43		
8/ 7																		30	30	37		
6/ 5																		14	14	24		
4/ 3																		18	18	21		
2/ 1																		37	37	20		
0/ -1																		19	19	34		
-2/ -3																		9	9	15		
-4/ -5																		5	5	4		
-6/ -7																		5	5	6		
-8/ -9																		3	3	4		
-10/ -11																		1	1	1		
-12/ -13																		1	1	10		
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Num.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						
															Mean No. of Hours with Temperature							
															≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	

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

4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

23036  
STATIONNUCKLEY ANGB CO  
STATION NAME69-70,73-80  
YEARSJAN  
MONTHPAGE 2 0000-0200  
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														
-14/-15																						12													
-16/-17																						2													
-18/-19																						4													
-20/-21																						2													
-22/-23																						1													
TOTAL	5.5	41.8	21.3	15.8	9.7	4.3	.6	.6	.1	.2							930	930	930	930															

Element (X)	$\sum x'$	$\sum x$	X	$\sigma_x$	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.	3755949	57063	61.4	16.557	930							93
Dry Bulb	605497	20763	22.3	12.361	930	4.2	72.4					93
Wet Bulb	426929	17469	18.8	10.320	930	6.4	87.7					93
Dew Point	197916	9308	10.0	10.619	930	17.6	93.0					93

42810  
FORM 0-26-5 (OLA) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC JUL 64



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
 STATION STATION NAME

69-70, 73-80  
 YEARS

JAN  
 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																		
56/ 55																																	2	2				
52/ 51													.2	.1																			3	3				
50/ 49													.1																				1	1				
48/ 47									.1	.2	.1																						4	4				
46/ 45							.3	.1	.3																								7	7				
44/ 43							.9	.6	.4																								18	18				
42/ 41					.2	.9	.2	.1																									13	13				
40/ 39				.3	1.3	.5	.3																										27	27	3			
38/ 37			.3	1.6	1.6	.5																											38	38	5			
36/ 35			.3	2.3	1.5				.1																								37	37	21			
34/ 33		.6	.1	3.4	1.3	.1																											52	52	29			
32/ 31	.2	.8	1.1	2.8	1.4	.2																											60	60	48	1		
30/ 29	.1	1.3	1.3	2.7	.3	.1																											54	54	48	6		
28/ 27	.2	1.8	1.9	.9	.3																												48	48	76	20		
26/ 25	.3	1.7	1.5	1.6	.2																												50	50	79	30		
24/ 23	.1	1.6	2.3	1.5																														51	51	64	30	
22/ 21	.5	2.0	2.6	1.0	.1																													58	58	58	36	
20/ 19	.3	2.6	1.7	.3																														46	46	77	73	
18/ 17	.1	1.9	2.4	.1																														42	42	42	68	
16/ 15	.6	2.0	1.9																															43	43	52	78	
14/ 13	.4	2.9	1.4																															44	44	46	54	
12/ 11	.4	3.1	.9																															41	41	47	68	
10/ 9	.4	2.4	.3																															29	29	51	60	
8/ 7	.2	2.8	.1																															29	29	28	54	
6/ 5	.6	1.3																																18	18	30	31	
4/ 3	.5	2.7	.2																															32	32	37	48	
2/ 1	.2	3.0																																30	30	26	71	
0/ -1	1.6	.6																																21	21	33	33	
-2/ -2	.6	.9																																14	14	18	43	
-4/ -5	.9	.3																																11	11	10	30	
-6/ -7	.4																																	4	4	6	25	
-6/ -9																																						
-10/ -11	.1																																		1	1	1	22
-12/ -13	.1																																		1	1	1	5
Element (X)	Σx'	Σx	Σ	Σ	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 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23036 BUCKLEY ANGB CO 69-70.73-80 JAN  
 STATION STATION NAME YEARS MONTH  
 PAGE 2 0300-0500  
 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
-14/-15	.1																	1	1	1	11
-16/-17																					9
-18/-19																					3
TOTAL	0.4	36.5	22.3	18.9	10.1	2.6	1.5	.4	.1	.2							930	930	930	930	
																	930		930		

Element (X)	Z <sub>1</sub> '	Z <sub>X</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3689895	56459	60.7	16.805	930							
Dry Bulb	587191	20173	21.7	12.690	930	5.3	72.8					93
Wet Bulb	409575	16801	18.1	10.575	930	7.0	87.2					93
Dew Point	182453	8495	9.1	10.624	930	20.2	93.0					93

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 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**

23036 HUCKLEY ANGB CO 69-70, 73-80 JAN  
 STATION NAME YEARS MONTH

PAGE 2 0600-0800  
 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
-14/-15																					20
-16/-17																					8
-18/-19																					6
-20/-21																					2
TOTAL	9.6	33.7	22.8	18.0	12.3	2.2	1.0	.2	.3									929	929	929	
Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	X	°X	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	3633901	55955	60.2	16.355	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	568353	19731	21.2	12.683	929	6.1	74.7					93									
Wet Bulb	396231	16447	17.7	10.640	929	7.1	88.1					93									
Dew Point	176044	7928	8.5	10.807	929	21.6	93.0					93									

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036

BUCKLEY ANGB CO

69-70, 73-80

JAN

STATION

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															
66/ 65																																	1	1	
64/ 63																																	2	2	
60/ 59																																	2	2	
58/ 57																																	3	3	
56/ 55																																	6	6	
54/ 53																																	11	11	
52/ 51																																	13	13	
50/ 49																																	15	15	
48/ 47																																	33	33	
46/ 45																																	30	30	2
44/ 43																																	53	53	5
42/ 41																																	49	49	6
40/ 39																																	44	44	28
38/ 37																																	41	41	10
36/ 35																																	51	51	58
34/ 33																																	48	48	62
32/ 31																																	63	63	68
30/ 29																																	48	48	81
28/ 27																																	38	38	75
26/ 25																																	41	41	74
24/ 23																																	31	31	52
22/ 21																																	36	36	54
20/ 19																																	36	36	48
18/ 17																																	31	32	37
16/ 15																																	32	32	42
14/ 13																																	28	28	36
12/ 11																																	22	22	29
10/ 9																																	20	20	29
8/ 7																																	25	25	17
6/ 5																																	17	17	26
4/ 3																																	15	15	19
2/ 1																																	28	28	24
0/ -1																																	9	9	18
-2/ -3																																	5	5	7
Element (X)	ΣX'		ΣX		Σ		Σ		Σ		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 JAN 64

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

69-70, 73-80

JAN

STATION

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										
66/ 65																					1	1								
64/ 63																						2	2							
60/ 59																						2	2							
58/ 57																						3	3							
56/ 55																						6	6							
54/ 53																						11	11							
52/ 51																						13	13							
50/ 49																						15	15							
48/ 47																						33	33							
46/ 45																						30	30	2						
44/ 43																						53	53	5						
42/ 41																						49	49	6						
40/ 39																						44	44	28						
38/ 37																						41	41	30						
36/ 35																						51	51	58						
34/ 33																						48	48	62						
32/ 31																						63	63	68	9					
30/ 29																						48	48	81	22					
28/ 27																						38	38	75	12					
26/ 25																						41	41	74	41					
24/ 23																						31	31	52	50					
22/ 21																						36	36	54	48					
20/ 19																						36	36	48	89					
18/ 17																						31	32	37	63					
16/ 15																						32	32	42	69					
14/ 13																						28	28	36	67					
12/ 11																						22	22	29	76					
10/ 9																						20	20	29	50					
8/ 7																						25	25	17	68					
6/ 5																						17	17	26	34					
4/ 3																						15	15	19	46					
2/ 1																						28	28	24	33					
0/ -1																						9	9	18	33					
-2/ -3																						5	5	7	42					
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 0-26-5 (OLA) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70, 73-80  
 YEARS

JAN  
 MONTH

PAGE 1 1200-1400  
 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															
68/ 67																																	3	3	
66/ 65																																	3	3	
64/ 63																																	7	7	
62/ 61																																	4	4	
60/ 59																																	11	11	
58/ 57																																	20	20	
56/ 55																																	21	21	
54/ 53																																	26	26	
52/ 51																																	33	33	
50/ 49																																	47	47	
48/ 47																																	44	44	1
46/ 45																																	61	61	9
44/ 43																																	54	54	24
42/ 41																																	47	47	26
40/ 39																																	56	56	41
38/ 37																																	35	35	72
36/ 35																																	27	27	80
34/ 33																																	38	38	78
32/ 31																																	57	57	84
30/ 29																																	33	33	62
28/ 27																																	30	30	66
26/ 25																																	25	25	56
24/ 23																																	25	25	47
22/ 21																																	31	31	36
20/ 19																																	45	45	36
18/ 17																																	28	28	44
16/ 15																																	19	19	43
14/ 13																																	14	14	17
12/ 11																																	18	18	16
10/ 9																																	14	14	22
8/ 7																																	14	14	13
6/ 5																																	15	15	45
4/ 3																																	11	11	18
2/ 1																																	13	13	15

Element (X)	Zx <sup>2</sup>	Zx	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 0-26-5 (OL A) JAN 64 REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 69-70,73-80 JAN  
 STATION STATION NAME YEARS MONTH  
 PAGE 7 1200-1400  
 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	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/-1	.1																1	1	5	36	
-2/-3																				36	
-4/-5																				24	
-5/-7																				14	
-8/-9																				14	
-10/-11																				2	
-12/-13		.																		1	
-16/-17																				3	
TOTAL	1.3	15.8	16.6	11.3	11.0	12.2	11.6	9.0	6.7	2.4	1.0	.3	.1				930	930	930	930	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2192821	41511	44.6	19.130	930							
Dry Bulb	1329197	32327	34.8	14.873	930	.1	39.3	.3				93
Wet Bulb	778763	25033	26.9	10.593	930	.5	59.9					93
Dew Point	240570	11840	12.7	9.834	930	13.0	92.7					93

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23336 BUCKLEY ANGB CO  
STATION STATION NAME

69-70,73-80  
YEARS

JAN  
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														
66/ 65										.1								1	1																
64/ 63										.2	.2							4	4																
62/ 61										.3	.4							7	7																
60/ 59									.1	.4	.1							6	6																
58/ 57							.1	.6	.2	.1								10	10																
56/ 55							.4	1.0	.1	.1								14	14																
54/ 53						.5	.6	.6	.2									19	19																
52/ 51					.2	.5	1.1	.9	.2									25	25																
50/ 49					.1	.6	.8	1.5	1.2	.2								41	41																
48/ 47						1.2	1.8	1.1	.3									41	41																
46/ 45					.6	1.9	2.5	.5	.2									54	54	2															
44/ 43				.2	1.2	2.6	1.1	.9										55	55	15															
42/ 41			.1	1.0	2.2	1.2	1.0	.5										55	55	22															
40/ 39			.1	1.3	1.1	2.0	.6	.8										55	55	37															
38/ 37		.2	.3	1.0	1.6	1.2	.2	.1										43	43	50	1														
36/ 35		.2	1.0	1.1	1.0	.5	.1											36	36	56	2														
34/ 33		.1	1.3	1.1	1.1	.6												39	39	104	1														
32/ 31		.6	1.4	1.9	1.4	.4	.1											55	55	64	4														
30/ 29		.3	1.3	1.5	.6	.1												36	36	69	19														
28/ 27	.1	1.2	.9	1.7	.3													39	39	62	24														
26/ 25	.1	.9	.6	1.0	.2													26	26	62	57														
24/ 23	.3	.9	1.1	.6	.1													28	28	55	59														
22/ 21		.8	1.7	.9														31	31	40	75														
20/ 19		1.3	2.9	.3														42	42	32	84														
18/ 17		1.8	1.2															28	28	41	66														
16/ 15	.1	1.9	.9															27	27	43	60														
14/ 13	.1	2.5	.3															27	27	35	52														
12/ 11	.5	.6																11	11	29	61														
10/ 9	.1	1.3	.5															18	18	12	76														
8/ 7		1.2	.2															13	13	13	65														
6/ 5	.1	1.1	.1															12	12	16	34														
4/ 3		1.2	.1															12	12	12	45														
2/ 1	.2	1.6																17	17	18	38														
0/ -1	.2	.1																3	3	11	16														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 44 5-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
 STATION STATION NAME

69-70.73-80  
 YEARS

JAN  
 MONTH

PAGE 2 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																						
-2/-3																																								33			
-4/-5																																								21			
-6/-7																																							12				
-8/-9																																							13				
-10/-11																																							5				
-12/-13																																							4				
-16/-17																																							1				
-18/-19																																							2				
TOTAL	1.0	19.8	16.0	13.5	11.7	12.5	9.2	7.6	4.7	1.6	1.1	.2																												930	930	930	930

Element (X)	$\Sigma X^2$	$\Sigma X$	$X$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2480994	44576	47.0	19.255	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	1207440	30736	33.0	14.362	930	.3	42.5					93
Wet Bulb	731503	24211	26.0	10.438	930	1.1	61.4					93
Dew Point	248345	12145	13.1	9.829	930	10.7	92.6					93

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 FORM 0-26-5 (O/LA)  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 69-70,73-80 JAN  
 STATION NAME YEARS MONTH

PAGE 1 1800-2000  
 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
64/ 63																.1	1	1	
62/ 61																.2	2	2	
58/ 57											.1						1	1	
54/ 53											.1						1	1	
52/ 51										.1	.5						6	6	
50/ 49								.2	.8	.2							11	11	
48/ 47						.4	.3	1.0	.3	.2							21	21	
46/ 45						.9	.8	.1									16	16	
44/ 43				.2	.6	1.0	.8	.4									28	28	
42/ 41				.3	1.6	1.3	.5	.2									37	37	5
40/ 39				1.7	1.8	1.2	.3										47	47	10
38/ 37			.2	2.4	2.2	.6	.1										51	51	16
36/ 35			1.0	2.2	1.9	.3	.1										51	51	34
34/ 33		.1	1.6	2.4	1.6	.2											49	49	60
32/ 31		1.8	1.9	1.6	1.3	.3											65	65	72
31/ 29	.1	1.4	1.5	1.0	.9	.2											55	55	97
28/ 27	.2	1.7	1.2	2.4	.5	.1											57	57	71
26/ 25	.2	2.2	1.4	1.3	.5												52	52	67
24/ 23	.2	1.7	1.4	1.0	.1												41	41	73
22/ 21	.1	1.3	2.2	1.1													43	43	59
20/ 19	.1	1.3	2.0														32	32	38
18/ 17		2.2	1.2	.1													32	32	51
16/ 15	.1	1.2	1.2														23	23	36
14/ 13	.1	3.2	.5														36	36	32
12/ 11	.5	3.4	.1														38	38	43
10/ 9	.3	2.3	.6														30	30	43
8/ 7	.4	1.6	.2														21	21	25
6/ 5		1.4															13	13	20
4/ 3	.6	1.5	.1														21	21	19
2/ 1	.1	2.3															20	20	23
0/ -1	1.2	.9															19	19	23
-2/ -3	.3	.3															6	6	9
-4/ -5	.2	.2															4	4	4
-6/ -7																			20
Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total							
Dry Bulb																			
Wet Bulb																			
Dew Point																			

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23036      BUCKLEY ANGB CO      69-70,73-80      JAN  
STATION      STATION NAME      YEARS      MONTH

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																
-8/-9																																				18	
-10/-11																																				7	
-12/-13																																				5	
-14/-15																																				5	
-16/-17																																				3	
-18/-19																																				2	
-20/-21																																				1	
TOTAL	4.9	31.7	18.4	18.4	12.9	6.7	4.4	1.9	.3																										930	930	930

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3342752	53240	57.2	17.851	930							
Dry Bulb	795333	24309	26.1	13.121	930	2.9	60.8					93
Wet Bulb	532964	20044	21.6	10.425	930	3.7	80.5					93
Dew Point	223353	10817	11.6	10.247	930	13.9	93.0					94

USAFETAC FORM 0-26-5 (OL A) 7 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036      BUCKLEY ANGB CO      69-70,73-80      JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1      2100-2300  
 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																
60/ 59																																	3	3		
50/ 49										.1																							1	1		
48/ 47											.2		.2																				4	4		
46/ 45								.2		.6		.2																					10	10		
44/ 43						.3		.8		.8		.4																					21	21		
42/ 41						.3		1.1		.4		.6																					22	22		
40/ 39				.2		1.3		1.1		1.3		.3																					19	39	4	
38/ 37				.3		1.2		1.5		.5																							33	33	7	
36/ 35		.3		.9		2.8		2.8		.8																							63	63	25	
34/ 33		.6		1.1		2.9		1.5		.1																							58	58	39	
32/ 31		1.0		2.2		2.7		.4																									58	58	51	4
30/ 29		1.2		2.5		1.4		.3																									50	50	80	13
28/ 27	.4	1.8		1.4		2.2		.6																									60	60	91	18
26/ 25	.2	2.3		2.4		1.5																											59	59	82	33
24/ 23	.2	2.4		1.2		1.2		.7																									48	48	61	53
22/ 21	.4	2.8		2.4		.6																											58	58	73	64
20/ 19	.2	2.0		2.8		.1																											48	48	55	76
18/ 17	.2	1.5		2.0																													35	35	50	69
16/ 15	.1	2.4		1.0		.1																											33	33	37	75
14/ 13	.6	3.0		1.1																													44	44	48	57
12/ 11	.3	2.2		.8																													30	30	42	45
10/ 9	.5	2.3		.4																													30	30	43	62
8/ 7	.1	2.3		.2																													24	24	24	69
5/ 5	.1	1.8																															18	18	26	44
4/ 3	.5	1.6																															20	20	22	37
2/ 1	.2	2.4																															24	24	18	43
0/ -1	1.5	1.2																															25	25	34	53
-2/ -3	.2	.5																															7	7	12	21
-4/ -5	.1	.1																															2	2	2	28
-6/ -7	.1	.1																															2	2	3	19
-8/ -9	.1																																1	1	1	16
-10/ -11																																				11
-12/ -13																																				9
-14/ -15																																				4
Element (X)	Σx'	Σx	X	σ <sub>x</sub>	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 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
STATION STATION NAME

69-70, 73-80  
YEARS

JAN  
MONTH

PAGE 2 2100-2300  
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				
-16/-17																						3			
-18/-19																						3			
-20/-21																						1			
TOTAL	6.3	35.7	22.7	18.6	9.8	4.6	1.7	.2			.3								930		930				
																			930		930				

Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3673984	58346	60.6	16.751	930							
Dry Bulb	664732	22122	23.8	12.211	930	3.7	67.6					93
Wet Bulb	467140	18610	20.0	10.099	930	5.7	85.5					93
Dew Point	212887	10267	11.0	10.351	930	16.8	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 HUCKLEY ANG CO

69-70,73-80

JAN

STATION

STATION NAME

YEARS

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																			
68/ 67												.0	.0																				3	3						
66/ 65												.1																					5	5						
64/ 63												.0	.1	.1																			14	14						
62/ 61												.0	.1	.1	.0																		13	13						
60/ 59												.0	.1	.1	.1																		24	24						
58/ 57												.1	.2	.1	.1																		34	34						
56/ 55												.1	.3	.1	.1																		43	43						
54/ 53												.2	.3	.2	.1																		59	59						
52/ 51							.0	.0	.2	.4	.3	.1																					82	82						
50/ 49						.0	.2	.4	.6	.3	.1																						120	120						
46/ 47				.0	.1	.4	.3	.5	.2																								153	153	1					
46/ 45				.0	.4	1.1	.8	.3	.1																								196	196	13					
44/ 43				.1	.8	1.3	.7	.3																									245	245	44					
42/ 41			.1	.4	1.3	.9	.6	.3																									256	256	59					
40/ 39			.1	.8	1.4	1.4	.5	.1																									321	321	177					
38/ 37		.0	.3	1.3	1.7	.7	.2	.2																									313	313	189	1				
36/ 35		.1	.6	1.7	1.8	.5	.1																										359	359	342	3				
34/ 33	.0	.3	.8	2.2	1.4	.3	.0																										371	371	423	3				
32/ 31	.1	1.0	1.7	2.4	1.2	.3	.3																										493	493	478	32				
30/ 29	.1	1.0	1.7	1.8	.6	.1																											388	388	548	99				
28/ 27	.2	1.5	1.5	1.5	.4	.0																											378	378	599	160				
26/ 25	.2	1.5	1.7	1.3	.3																												375	375	599	314				
24/ 23	.2	1.3	1.5	1.1	.1																												314	314	485	345				
22/ 21	.4	1.5	2.1	.8	.7																												362	362	441	479				
20/ 19	.1	2.1	2.1	.3																													349	349	416	631				
18/ 17	.1	1.7	1.7	.1																													265	266	376	538				
16/ 15	.3	2.0	1.3	.0																													268	268	321	544				
14/ 13	.2	2.5	.9																														272	272	311	458				
12/ 11	.5	2.3	.5																														241	241	316	489				
10/ 9	.3	2.0	.5																														211	211	285	400				
8/ 7	.2	2.1	.2																														187	187	199	481				
6/ 5	.2	1.5	.1																														128	128	133	339				
4/ 3	.4	1.6	.1																														152	152	166	376				
2/ 1	.4	2.4																															202	202	180	373				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																																								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 69-70,73-80 JAN  
 STATION STATION NAME YEARS MONTH

PAGE 2 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
0/-1	.9	.6																117	117	191	263
-2/-3	.2	.5																57	57	78	260
-4/-5	.3	.1																34	34	38	212
-6/-7	.1	.1																19	19	23	165
-8/-9	.1																	8	8	10	136
-10/-11	.1																	4	4	4	89
-12/-13	.3																	2	2	2	45
-14/-15	.6																	1	1	1	55
-16/-17																					30
-18/-19																					22
-20/-21																					6
-22/-23																					1
TOTAL	5.4	30.0	19.4	16.1	11.9	7.2	4.5	3.0	1.7	.6	.5	.1	.0					7438	7439	7438	7438

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	256499.25	413296	55.618	763	7438							
Dry Bulb	6710919	196873	26.514	204	7439	24.2	482.9	.3				744
Wet Bulb	4345814	160120	21.510	994	7438	33.7	624.2					744
Dew Point	1702726	81648	11.010	413	7438	128.4	743.3					744

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 69-70, 73-80 FEB  
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200  
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/ 53									.1									1	1			
52/ 51										.1								1	1			
50/ 49							.2	.2	.1									5	5			
48/ 47					.1		.2	.1										4	4			
46/ 45					.2	.8	.6											14	14			
44/ 43					.2	.7	.4	.5										15	15			
42/ 41				.5	.5	.8	.1											16	16			
40/ 39					1.1	.4	.4											15	15	2		
38/ 37			.2	1.3	1.7	1.3	.1											39	39	7		
36/ 35			1.3	1.9	4.5	.9												69	69	16		
34/ 33	.1	.2	.8	3.3	2.7	.2												59	59	25	1	
32/ 31	.2	.7	3.1	4.5	2.2	.1												92	92	49	2	
30/ 29	.4	1.3	4.4	5.2	1.8	.5												114	114	68	4	
28/ 27	.5	2.4	2.8	2.8	.9	.1												81	81	112	16	
26/ 25	.2	4.1	2.8	1.5	.1													75	75	134	35	
24/ 23	.2	2.2	1.7	1.1	.2													46	46	129	40	
22/ 21	.7	2.1	2.0	.5														45	45	74	66	
20/ 19	.1	2.7	1.7	.2														40	40	56	73	
18/ 17	.7	1.5	.8															26	26	56	80	
16/ 15	.7	.8	.1	.1														15	15	32	110	
14/ 13	.1	1.7	.7	.1														22	22	13	77	
12/ 11	.2	1.4	.4															17	17	23	81	
10/ 9	.2	1.2	.1															13	13	17	56	
8/ 7	.1	1.2																11	11	11	52	
6/ 5	.2	.4																5	5	13	49	
4/ 3	.4																	3	3	6	31	
2/ 1																					25	
0/ -1																					12	
-2/ -3																					12	
-4/ -5	.2																	2	2	2	10	
-6/ -7	.1																	1	1	1	4	
-8/ -9																					4	
-10/ -11																					3	
-12/ -13																					3	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.					Mean No. of Hours with Temperature												
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

23036 STATION BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS FEB MONTH

PAGE 2 0000-0200 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																	
TOTAL	5.6	24.0	22.9	23.0	15.4	5.9	2.5	.8	.2	.1																									846	846	846	846
Element (X)	Σ X <sup>2</sup>		Σ X		I	C <sub>s</sub>		No. Obs.		Mean No. of Hours with Temperature						Total																						
Rel. Hum.	3103115		48945		57.9	17.922		846		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																						
Dry Bulb	724006		23600		27.9	8.815		846		.3	60.4					84																						
Wet Bulb	501928		19784		23.4	6.817		846		.3	72.0					84																						
Dew Point	209902		11566		13.7	7.828		846		4.8	83.9					84																						

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

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
STATION STATION NAME

69-70, 73-80  
YEARS

FEB  
MONTH

PAGE 1 0500-0500  
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
52/ 51							.2											2	2		
50/ 49							.1	.1	.1									3	3		
48/ 47						.1	.4	.2										6	6		
46/ 45							.2	.5										6	6		
44/ 43					.1	.5	.4	.2										10	10		
42/ 41				.4	.5	.8	.5	.1										19	19		
40/ 39				.4	.3	1.4	.1											24	24	3	
38/ 37			.2	.7	1.8	2.0	.1											41	41	1	
36/ 35			.6	1.4	2.0	1.3	.2											47	47	10	
34/ 33		.2	.6	2.1	1.8	.8												47	47	24	
32/ 31		.6	1.7	4.0	2.4	.4												76	76	36	
30/ 29	.2	.9	2.6	5.1	2.2	.4												100	100	66	11
28/ 27	.2	1.8	3.0	2.0	.6													66	66	86	7
26/ 25		4.6	2.6	2.2	.8													87	87	111	19
24/ 23	.4	2.0	2.6	1.5														55	55	128	24
22/ 21	1.2	4.3	1.5	.8														66	66	93	54
20/ 19	.8	3.2	2.6	.2														50	50	89	75
18/ 17	.2	3.2	.6	.2														36	36	46	79
16/ 15	.4	2.0	.4															23	23	46	88
14/ 13	.4	2.0	.8															27	27	25	83
12/ 11	.5	.9	.2															14	14	30	99
10/ 9	.1	1.2																11	11	13	71
8/ 7		1.1	.1															10	10	12	57
6/ 5	.1	.8																8	8	11	43
4/ 3	.6	.2																7	7	10	44
2/ 1	.1	.1																2	2	4	31
0/ -1																					19
-2/ -3		.1																1	1	1	19
-4/ -5	.2																	2	2	2	9
-6/ -7																					1
-8/ -9																					6
-10/ -11																					4
-12/ -13																					3

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27036 BUCKLEY ANGS CO  
 STATION STATION NAME

69-70, 73-80  
 YEARS

FEB  
 MONTH

PAGE 1

0600-0800  
 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/ 53									.1																						1	1				
52/ 51								.1		.1	.1																				3	3				
50/ 49								.1																							2	2				
48/ 47							.2	.1	.5																						7	7				
46/ 45						.5	.1	.2																							7	7				
44/ 43			.1		.1	.2	.7	.1																							11	11				
42/ 41				.5	.5	.7	.6																								19	19				
40/ 39				.5	.9	1.2	.4																								25	25	2			
38/ 37				1.2	1.4	1.8	.1																								38	38	4			
36/ 35		.1	.7	1.7	4.0	2.0	.2																								74	74	15	1		
34/ 33			.6	2.4	2.2	.9																									52	52	26			
32/ 31		.2	1.4	3.5	2.2	.2																									65	65	38	1		
30/ 29	.4	1.1	2.1	3.1	1.7	.4																									73	73	54	6		
28/ 27	.5	1.9	3.0	3.2	.9																										80	80	101	10		
26/ 25	.6	3.9	2.5	1.7	.6																										78	78	115	24		
24/ 23	.6	2.6	2.0	1.2																											61	61	108	30		
22/ 21	.4	3.7	1.8	.9																											57	57	99	45		
20/ 19	.5	3.2	2.1	.2																											51	51	83	61		
18/ 17	.6	2.7	1.7	.4																											45	45	59	65		
16/ 15	.6	1.3	.4	.1																											20	20	42	89		
14/ 13		1.9	1.1																												25	25	19	106		
12/ 11	.2	1.1	.6																												16	16	25	97		
10/ 9	.1	1.3	.2																												14	14	20	80		
8/ 7		.9	.2																												10	10	16	59		
6/ 5	.1	.4																													4	4	9	36		
4/ 3	.4	.2																													5	5	7	29		
2/ 1	.4																														3	3	4	35		
0/ -1																																		32		
-2/ -3																																			12	
-4/ -5																																			5	
-6/ -7																																			6	
-8/ -9																																			4	
-10/-11																																			3	
-12/-13																																			5	
Element (X)	Σx'	Σx	Σ	Σ <sub>n</sub>	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 0-26-5 (OL.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

23036 HUCKLEY ANGB CO 69-71,73-80 YEARS MONTH FEB

PAGE 2 0600-0800  
 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	
TOTAL	5.2	26.5	21.3	20.4	14.7	8.2	2.5	.8	.4	.1								846	846	846		
Element (X)	Z <sub>x</sub> '	Z <sub>x</sub>	X	e <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	3025666	47964	56.7	19.040	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	689053	22915	27.1	8.995	846		60.3					84										
Wet Bulb	467866	19044	22.5	6.809	846		79.3					84										
Dew Point	178632	10348	12.2	7.849	846	7.1	83.9					84										

4292  
 USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

69-70,73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

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/ 69													.1					1	1		
66/ 65													.1					4	4		
64/ 63									.1				.2					1	1		
62/ 61									.1				.1					2	2		
60/ 59											.1							1	1		
58/ 57								.4			.1		.5					6	8		
56/ 55							.4	.2	.5	.8	.1							17	17		
54/ 53							.1	.2	1.3	.9	.1							23	23		
52/ 51							.8	.7	.8	.5								24	24		
50/ 49					.2	.4	.7	2.4	1.1	.1								41	41		
48/ 47					.1	.2	1.9	1.3	.9									38	38	2	
46/ 45					.6	1.7	3.3	1.5	.9									62	62	2	
44/ 43					.9	1.9	2.5	1.2										55	55	9	
42/ 41			.1	.7	.8	2.8	1.7	.4										55	55	7	
40/ 39				.9	1.9	2.4	1.2	.1										55	55	29	
38/ 37			.5	1.4	2.4	1.5	.5											53	53	46	
36/ 35		.2	.5	1.5	1.4	1.4	.1											44	44	88	
34/ 33		.2	.9	2.4	1.8	.1												46	46	99	3
32/ 31		.8	1.8	1.7	1.8	.2												53	53	95	3
30/ 29	.2	1.3	1.2	2.0	.7													46	46	89	22
28/ 27	.8	1.9	1.7	1.5	.4													53	53	91	27
26/ 25	.1	.9	1.5	1.1	.1													32	32	71	47
24/ 23	.1	.9	.9	.6	.4													25	25	48	36
22/ 21	.1	2.1	.9	.1	.1													29	29	48	48
20/ 19	.1	2.1	.7	.2														27	27	34	91
18/ 17		1.1	.6															14	14	23	71
16/ 15	.1	.7	.4															10	10	23	112
14/ 13	.2	.7																8	8	13	82
12/ 11		.8																7	7	10	73
10/ 9		.7																6	6	5	63
8/ 7		.4																3	3	5	55
6/ 5	.1	.1																2	2	4	36
4/ 3	.1																	1	1	1	25
2/ 1																					26
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23036 BUCKLEY ANG8 CO

69-70, 73-80

FEB

STATION STATION NAME

YEARS

PAGE 2

0900-1100  
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																						
0/-1																																							10				
-2/-3																																									9		
-4/-5																																										3	
-6/-7																																											2
-12/-13																																											2
-14/-15																																											1
TOTAL	2.1	15.1	11.7	14.2	13.6	12.6	13.1	8.6	4.8	2.5	.9	.4	.2																									846	946	846		846	

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0^\circ F$	$\leq 32^\circ F$	$\geq 67^\circ F$	$\geq 73^\circ F$	$\geq 80^\circ F$	$\geq 93^\circ F$	
Rel. Hum.	2163779	32973	46.120	880	846							
Dry Bulb	1229154	30786	36.411	350	846		31.4	.1				84
Wet Bulb	737678	24192	28.57	369	846		56.0					84
Dew Point	235740	12562	14.87	631	846	2.7	83.8					84

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

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4293

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 69-70, 73-80 FEB  
 STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400  
 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																	
74/ 73													.1	.2																			3	3				
70/ 69													.2																					2	2			
68/ 67												.2																						7	7			
66/ 65												.1	.1	.2																				4	4			
64/ 63											.1																							6	6			
62/ 61											.1																							13	13			
60/ 59									.1		.1	.7	1.2																					22	22			
58/ 57									.4	.5	1.4	1.3																						30	30			
56/ 55									.2	.6	.8	2.2	.9																					41	41			
54/ 53									.4	1.5	2.0	.9																						40	40			
52/ 51								.1	.7	2.2	3.7	.5																						61	61	2		
50/ 49								.4	1.9	3.2	2.1	.1																						65	65	3		
48/ 47						.4	1.1	2.1	2.1	1.2																								58	58	6		
46/ 45						.9	2.1	2.6	1.8	.5																								67	67	8		
44/ 43					.2	.8	3.2	1.7	1.3	.1																								62	62	11		
42/ 41					.7	1.3	2.0	.9	.1																									42	42	39		
40/ 39			.2			.7	2.0	1.3	1.2																									46	46	66		
38/ 37			.6	.6	2.6	.9	.2																											42	42	120	2	
36/ 35		.2	.6		.7	.4																												16	16	123	2	
34/ 33		.1	.1	1.4	.9	.6																												27	27	106	1	
32/ 31		.4	1.4	2.4	1.4	.8																												54	54	74	9	
30/ 29	.1	.1	.8	1.2	.4	.1																												23	23	61	25	
28/ 27	.4	.4	.8	.6	.2																													20	20	48	27	
26/ 25	.6	.2	1.1	.1	.1	.2																												20	20	45	31	
24/ 23	.1	.1	.6	.7																														13	13	43	41	
22/ 21		1.3	.2	.2																														15	15	21	80	
20/ 19		1.8	.4																															18	18	15	77	
18/ 17		1.1	.2																															11	11	25	92	
16/ 15		.9																																8	8	13	83	
14/ 13		.1																																1	1	7	74	
12/ 11		.4																																3	3	3	77	
10/ 9																																					55	
8/ 7		.7																																6	6	3	55	
6/ 5																																				3	36	
Element (X)	Σx'	Σx	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) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGR CO 69-77,73-80 FEB  
STATION STATION NAME YEARS MONTH  
PAGE 2 1200-1400  
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
4/ 3																				32	
2/ 1																				27	
0/ -1																				11	
-2/ -3																				3	
-4/ -5																				3	
-14/-15																				2	
-16/-17																				1	
TOTAL	1.2	7.8	7.1	5.9	11.8	13.2	11.9	13.4	11.3	6.1	4.4	2.0	.6	.2			846		846		
																	846				

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1540949	31991	37.8	19.799	846							
Dry Bulb	1658236	36046	42.6	12.036	846		19.1	1.2				84
Wet Bulb	920376	27194	32.1	7.398	846		35.9					84
Dew Point	248658	12914	15.3	7.809	846	2.0	83.5					84

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

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGE CO

69-70, 73-80

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1900-1700  
 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																	
70/ 69																																		1	1		
68/ 67												.1	.1											.1	.1								4	4			
66/ 65												.1		.1	.1	.2																	5	5			
64/ 63												.1		.1	.7	.1																	9	9			
62/ 61											.2	.1	.1	.2	.4	.5																	13	13			
67/ 59											.1		.2	.5	.9	.6																	20	20			
58/ 57											.1	.1	.5	1.1	1.2																		25	25			
56/ 55											.2	.6	1.4	.9	.5																		31	31			
54/ 53												1.3	1.9	1.7																			41	41	1		
52/ 51								.1	.4	.5		2.0	2.6	.7																			53	53	2		
50/ 49								.1	.6	1.5	2.7	1.3	.5																				57	57	3		
48/ 47								.4	1.2	2.5	2.0	.7																					64	64	4		
46/ 45								.5	2.8	1.9	1.3	.4																					58	58	6		
44/ 43					.7	1.1	2.2	1.3	1.5	.1																							76	76	13		
42/ 41				.4	.4	2.0	2.5	.7	.9																								57	57	36	1	
40/ 39				.4	.8	1.4	1.9	1.2																									48	48	69	4	
38/ 37				.7	1.1	1.1	.4	.2																									29	29	104	2	
36/ 35		.2	1.2	.9	1.1	.5																											33	33	131	2	
34/ 33		.1	.4	1.4	1.2	.5																											30	30	113	3	
32/ 31		.5	1.1	1.9	1.4	.4																											44	44	73	17	
30/ 29		.8	.8	1.3	.6	.1																											31	31	54	16	
28/ 27		.6	.7	.4	.1																												15	15	54	39	
26/ 25	.2	1.1	.7	.5	.1	.1																											23	23	55	53	
24/ 23		.4	.5		.1																												8	8	31	45	
22/ 21		1.1	.8	.2																													18	18	22	64	
20/ 19	.1	1.8	.2																														18	18	21	83	
18/ 17	.1	1.9	.2																														19	19	23	78	
16/ 15		.5																															5	5	19	93	
14/ 13		.4																															3	3	5	69	
12/ 11		.4																															3	3	6	71	
10/ 9																																				54	
8/ 7	.1	.2																															3	3	3	40	
6/ 5		.1																															1	1	1	32	
4/ 3		.1																															1	1	1	28	
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X	σ <sub>X</sub>	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 JUL 64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

27036 SUCKLEY ANGB CO 69-70,73-87 FEB  
 STATION STATION NAME YEARS MONTH

PAGE 2 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
27 - 1																				22
07 - 1																				16
-27 - 3																				9
-47 - 5																				2
-147 - 15																				2
-167 - 17																				1
TOTAL	.6	10.2	8.0	9.6	13.2	13.7	10.7	13.7	9.3	5.7	3.2	2.1	.4				846	846	846	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	1704588	33688	40.1	20.269	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84								
Dry Bulb	1600350	35408	41.9	11.837	846		19.1	.5				84								
Wet Bulb	910809	27039	32.0	7.427	846		36.2					84								
Dew Point	274736	13514	16.0	8.346	846	3.0	82.8					84								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036      SUCKLEY ANGR CO      69-70,73-80      FEB  
 STATION      STATION NAME      YEARS      MONTH  
 PAGE 1      1800-2000  
 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
64/ 63												.1						1	1	
58/ 57																	.2	2	2	
56/ 55											.1	.1						2	2	
54/ 53											.1	.1	.4				.1	6	6	
52/ 51								.1	.2	.1	.2						.1	7	7	
50/ 49								.2	.1	.5	.6							15	15	1
48/ 47						.2	.6	1.1	1.1	.5								29	29	
46/ 45				.4	.4	1.2	1.3	1.3	.1									39	39	
44/ 43				.4	1.2	1.5	1.4	.9										46	46	1
42/ 41				.6	1.1	2.1	.9	.5										44	44	6
40/ 39				1.5	2.5	2.0	1.1	.6										65	65	13
38/ 37			.6	1.9	3.7	1.4	.2	.1										66	66	18
36/ 35		.4	1.4	3.7	3.3	.9	.5											86	86	57
34/ 33		.7	1.5	3.4	2.7	1.1	.2											78	78	75
32/ 31	.1	1.5	2.5	2.1	1.2	.6												68	68	105
30/ 29	.9	1.9	2.1	1.2	.1													53	53	115
28/ 27	.2	1.9	1.9	1.3	.4													48	48	110
26/ 25	.1	3.1	2.2	.7	.4													55	55	90
24/ 23	.2	.7	.9	.2														18	18	79
22/ 21		1.7	1.8	.2	.2													33	33	44
20/ 19		1.9	.2	.1														19	19	35
18/ 17	.4	1.2																13	13	34
16/ 15		1.4		.1														13	13	12
14/ 13	.1	1.3	.2															14	14	12
12/ 11	.5	.7																10	10	15
10/ 9		.6	.1															6	6	9
8/ 7	.1	.4																4	4	7
6/ 5	.2	.1																5	5	4
4/ 3																				1
2/ 1		.1																1	1	1
0/ -1																				1
-2/ -3	.1																	1	1	1
-4/ -5		.1																1	1	1
-6/ -7																				1
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$C_x$	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

22038 STATION BUCKLEY ANGB CO STATION NAME 69-70,73-80 YEARS FEB MONTH

PAGE 3 1800-2000 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
-8/-9																					9
-10/-11																					1
-12/-13																					3
-14/-15																					2
TOTAL	7.1	13.7	15.4	18.6	17.7	11.9	7.3	5.8	1.8	.5								846	846	846	

Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	X	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2583767	43623	51.6	9.893	846							
Dry Bulb	1017718	28144	33.3	9.818	846	.2	35.7					84
Wet Bulb	658337	22849	27.0	6.985	846	.3	67.8					84
Dew Point	258691	12893	15.2	8.370	846	4.5	83.6					84

USAF/TAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
STATION STATION NAME

69-70,73-80  
YEARS

FEB  
MONTH

PAGE 1 2100-2300  
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				
50/ 55																					1	1			
52/ 51									.1												1	1			
50/ 49							.1	.1	.2												4	4			
48/ 47						.1	.7	.6	.2	.1											15	15			
46/ 45						.7	.5	.6	.4	.1											19	19			
44/ 43				.1		.9	.9	.2													19	19			
42/ 41				.2	1.1	1.3	.7	.2													30	30			
40/ 39			.5	.7	.9	1.7	.2														34	34	5		
38/ 37			.2	2.4	3.0	1.7	.1														62	62	16		
36/ 35		.1	1.2	2.4	3.0	.6	.2														63	63	20		
34/ 33		.9	1.3	3.3	2.1	.5	.1														70	70	42		
32/ 31		1.9	3.0	4.6	1.5	.7															99	99	69	6	
30/ 29	.2	2.2	3.0	4.3	.9	.4															93	93	104	13	
29/ 27		2.0	3.3	1.5	.6																63	63	110	30	
26/ 25	.7	3.0	2.7	1.1	.2																65	65	124	37	
24/ 23	.2	1.5	1.3	.4																	29	29	96	45	
22/ 21	.1	3.0	1.7	.2																	42	42	60	74	
20/ 19		3.0	1.7	.1																	40	40	54	65	
19/ 17	.5	1.3	.8	.1																	23	23	45	67	
16/ 15	.2	.8	.2	.1																	12	12	27	107	
14/ 13		1.3		.1																	12	12	11	90	
12/ 11	.2	2.0	.2																		21	21	14	77	
10/ 9	.5	1.3	.2																		17	17	29	45	
8/ 7		.5																			4	4	10	49	
6/ 5	.1	.1																			2	2	4	33	
4/ 3	.2	.1																			3	3	3	21	
2/ 1																								25	
0/ -1																								10	
-2/ -3	.1	.1																			2	2	1	13	
-4/ -5	.1																				1	1	2	7	
-6/ -7																								1	
-8/ -9																								4	
-10/ -11																								4	
-12/ -13																								3	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 JAN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

FEH  
MONTH

PAGE 2 2100-2300  
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																
TOTAL	3.3	25.2	21.3	21.6	14.2	9.0	3.7	1.4	.4																										846	846	846

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3,437.66	483.54	57.2	18.205	846							
Dry Bulb	809311	24895	29.5	9.156	846	.3	52.4					84
Wet Bulb	556250	20874	24.7	6.983	846	.3	75.8					84
Dew Point	239343	12533	14.8	7.970	846	4.2	84.0					84

4201  
 SAFETAC 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

23036 BUCKLEY ANGB CO

69-73,73-80

FEB

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															
74/ 73														.0	.0																	3	3		
70/ 69														.1																		4	4		
68/ 67												.0	.0	.0	.0																	11	11		
66/ 65												.0	.0	.0	.1	.0																13	13		
64/ 63												.0	.0	.0	.1	.0																17	17		
62/ 61											.0	.0	.0	.0	.1	.2																28	28		
60/ 59											.0	.0	.0	.1	.3	.1																43	43		
58/ 57											.0	.1	.1	.4	.4																	65	65		
56/ 55									.0	.1	.2	.4	.5	.2																		92	92		
54/ 53									.1	.4	.7	.4	.0																			112	112	1	
52/ 51						.0	.1	.3	.7	.9	.2																					152	152	4	
50/ 49						.0	.2	.6	1.2	.7	.1																					192	192	7	
48/ 47						.2	.5	1.1	1.0	.4																						221	221	12	
46/ 45				.0	.4	1.2	1.3	.9	.1																							272	272	16	
44/ 43			.0	.2	.8	1.4	1.2	.8	.7																							294	294	34	
42/ 41			.1	.5	1.0	1.6	.8	.3																								282	282	88	
40/ 39			.1	.7	1.5	1.5	.7	.1																								312	312	198	
38/ 37			.4	1.3	2.2	1.4	.2	.0																								370	370	316	
36/ 35		.2	.9	1.7	2.4	1.0	.2																									432	432	460	
34/ 33	.2	.3	.8	2.5	1.8	.6	.0																									409	409	510	
32/ 31	.0	.8	2.0	3.1	1.6	.4																										551	551	539	
30/ 29	.2	1.1	2.1	3.0	1.2	.2																										533	533	611	
28/ 27	.3	1.6	2.1	1.7	.5	.0																										426	426	712	
26/ 25	.3	2.6	2.0	1.1	.3	.0																										435	435	745	
24/ 23	.2	1.3	1.4	.7	.1																											255	255	662	
22/ 21	.3	2.4	1.3	.4	.0																											305	305	461	
20/ 19	.2	2.3	1.2	.1																												263	263	391	
18/ 17	.3	1.7	.6	.1																												187	187	318	
16/ 15	.3	1.1	.2	.1																												106	106	214	
14/ 13	.1	1.2	.4	.3																												112	112	136	
12/ 11	.2	1.0	.2																													91	91	126	
10/ 9	.1	.8	.1																													67	67	93	
8/ 7	.3	.7	.3																													51	51	67	
6/ 5	.1	.3																														25	25	49	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JAN 64



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 69-70,73-80 FEB  
 STATION STATION NAME YEARS MONTH

PAGE 2 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																	
4/-3	.2	.1																																20	20	29	226	
2/-1	.1	.0																																6	6	7	210	
0/-1																																					1	122
-2/-3	.0	.0																																4	4	2	85	
-4/-5	.1	.0																																6	6	7	49	
-6/-7	.0																																	1	1	1	19	
-8/-9																																						27
-10/-11																																						15
-12/-13																																						19
-14/-15																																						7
-16/-17																																						2
TOTAL	7.2	19.5	16.0	17.2	14.2	10.3	6.6	5.7	3.5	1.9	1.1	.6	.1	.0																				6768	6768	6768	6768	

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	20291350	342460	50.6	20.853	6768							
Dry Bulb	8399750	224492	33.2	11.870	6768	1.1	342.0	1.8	.3			672
Wet Bulb	5213697	179839	26.6	8.018	6768	1.2	509.6					672
Dew Point	1823603	96835	14.3	8.046	6768	34.3	669.5					672

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 4 208

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AWP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 SUCKLEY ANGS CO STATION NAME

69-70, 73-80 YEARS

MAR MONTH

PAGE 1 0000-0200 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
56/ 55							.1	.1										2	2		
54/ 53							.1		.1									2	2		
52/ 51								.2										2	2		
50/ 49						.4	.3	.9										15	15		
48/ 47					.1	.3	.5	.6										15	15		
46/ 45				.1	.8	1.0	.3	.2										22	22		
44/ 43				.3	1.0	1.4	.6	.1										32	32	2	
42/ 41				.3	1.4	1.3	.3											31	31	2	
40/ 39			.6	.9	2.6	1.8												55	55	9	
38/ 37		.2	1.0	2.2	2.8	.9	.1											66	66	27	
36/ 35		.5	1.9	3.1	2.9	.5												84	84	42	
34/ 33	.1	.6	2.2	2.4	1.1													59	59	63	
32/ 31	.4	4.0	5.2	2.0	1.6	.1												124	124	114	
30/ 29	.5	2.8	2.6	1.3	.3													70	70	136	
28/ 27	.4	3.7	3.2	.3	.3													74	74	112	
26/ 25		3.9	2.7	.2	.2													65	65	127	
24/ 23	.6	1.4	1.5	.2	.2													37	37	90	
22/ 21	.2	1.9	.9															28	28	43	
20/ 19	.5	2.5	1.0															37	37	44	
18/ 17	.1	2.8	.9															35	35	30	
16/ 15	.6	1.3																18	18	41	
14/ 13	.1	1.3	.4															17	17	14	
12/ 11	.5	.5																10	10	18	
10/ 9		.2																2	2	6	
8/ 7		.3																3	3	4	
6/ 5		1.1																10	10	4	
4/ 3	.2	.8																9	9	12	
2/ 1	.2	.1																3	3	7	
0/ -1	.1	.1																2	2	1	
-2/ -3	.1																	1	1	2	
-4/ -5																				4	
-6/ -7																				5	
-8/ -9																				9	

USAFETAC FORM 0-26-5 (OLA) MAR 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGS CO

69-70, 73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500  
 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
52/ 51						.1	.1	.3									5	5		
50/ 49							.2	.1									3	3		
48/ 47					.1	.4	.9	.2									15	15		
46/ 45					.1	.3	.1	.2									7	7		
44/ 43				.2	.8	.8	.9	.2									26	26		
42/ 41			.4	.3	1.2	.8	.5										30	30	2	
40/ 39			.6	.4	2.7	1.3	.3										50	50	2	
38/ 37			.5	1.3	3.8	1.1											62	62	19	
36/ 35		.8	1.5	2.8	3.4	.3											82	82	29	
34/ 33		.5	1.9	3.4	1.8												72	72	44	4
32/ 31	.4	2.6	5.3	2.0	1.0												105	105	89	18
30/ 29	.4	2.0	2.8	1.5	.4												67	67	127	15
28/ 27	1.1	4.1	2.9	.6	.3												84	84	155	36
26/ 25	.5	3.1	3.3	.6	.1												72	72	106	55
24/ 23		2.0	1.6	.5													39	39	69	62
22/ 21	.4	2.7	1.3	.1													42	42	73	161
20/ 19	.3	2.3	1.9														42	42	47	113
18/ 17	.4	1.9	1.1	.1													33	33	42	110
16/ 15	.1	1.5	.3	.1													19	19	27	82
14/ 13	.3	1.4	.2														18	18	35	71
12/ 11	.4	1.3	.2														18	18	18	63
10/ 9	.3	.5															8	8	14	54
8/ 7		.3															3	3	4	49
6/ 5		.2															2	2	3	31
4/ 3		1.1															10	10	8	17
2/ 1	.3	.4															7	7	7	7
0/ -1	.1	.2															3	3	4	7
-2/ -3	.2	.3															5	5	6	12
-4/ -5	.1																1	1	2	7
-6/ -7																				5
-8/ -9																				3
-10/ -11																				2
-12/ -13																				5
-15/ -17																				1
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	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 0-26-5 (OL A) 1-64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036      BUCKLEY ANGB CO      69-70,73-80      MAR  
STATION      STATION NAME      YEARS      MONTH

PAGE 2      0300-0500  
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
TOTAL	5.6	29.4	26.0	14.2	15.7	5.1	3.0	1.1											930	930	930
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	* Mean No. of Hours with Temperature						Total									
Rel. Hum.	3830031	57397	61.7	17.596	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	93									
Dry Bulb	869176	26952	29.0	9.738	930	.9	57.8					93									
Wet Bulb	624649	23019	24.8	7.687	930	1.2	63.4					93									
Dew Point	308742	15168	16.3	8.084	930	4.2	92.6					93									

4600  
 USAFETAC FORM 0-26-5 (OLA) JUL 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

69-70, 73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800  
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
60/ 59								.1										1	1		
58/ 57									.1									1	1		
56/ 55							.4	.1										5	5		
54/ 53						.1	.1	.1										3	3		
52/ 51							.3	.3	.1									7	7		
50/ 49						.2	.3	.2	.1									8	8		
48/ 47					.1	.8	.8	.3	.1									19	19		
46/ 45				.2	.3	1.2	.9	.5										29	29		
44/ 43					.9	.9	.8	.2										25	25	3	
42/ 41			.1	.1	1.8	1.6	.4											38	38	4	
40/ 39		.1	.3	.8	2.0	1.2	.1											42	42	11	
38/ 37	.2		.5	1.5	2.7	1.4												59	59	26	1
36/ 35		.5	1.5	1.9	2.5	.3												63	63	36	1
34/ 33	.1	1.2	1.3	3.5	1.6	.1												72	72	73	4
32/ 31	.4	2.2	3.3	2.3	.8	.1												84	84	83	17
30/ 29	.8	2.9	3.0	2.5	.5	.1												91	91	108	19
28/ 27	1.1	3.7	2.3	1.3														77	78	130	51
26/ 25	.2	3.1	3.5	.9														71	71	105	55
24/ 23	.4	1.7	1.6		.1													36	37	83	55
22/ 21	.4	2.2	1.8	.3														44	45	63	97
20/ 19	.1	2.6	1.7															41	41	43	127
18/ 17	.3	1.6	.4	.1														23	23	51	80
16/ 15	.2	1.5	.4															20	20	21	82
14/ 13	.3	1.6	.4															22	22	24	87
12/ 11	.2	.6																8	8	16	58
10/ 9	.1	.3																4	4	11	51
8/ 7	.3	.5																8	8	6	45
6/ 5		.2																2	2	4	35
4/ 3	.1	.8																8	8	8	14
2/ 1		.9																8	8	5	9
0/ -1	.3	.2																5	5	9	5
-2/ -3		.1																1	1	2	6
-4/ -5	.2																	2	2	2	8
-6/ -7																					6
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																					

FORM 0-26-5 (OL A) REVISION 02-69-01-01 THIS FORM IS OBSOLETE  
 USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
STATION STATION NAME

69-73, 73-80  
YEARS

MAR  
MONTH

PAGE 2 0600-0800  
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
-8/-9																					5
-10/-11																					2
-12/-13																					3
-14/-15																					4
TOTAL	5.9	28.6	22.3	15.3	13.4	8.0	3.7	2.0	.6	.1							927	930	927	927	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3688544	55874	60.3	18.613	927							
Dry Bulb	936542	27892	30.0	10.376	930	.8	55.8					93
Wet Bulb	657424	23960	25.4	7.958	927	1.3	77.7					93
Dew Point	318360	15144	16.6	8.338	927	3.9	92.4					93

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

69-70, 73-80

MAR

STATION

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						
70/ 69																		3	1	3							
68/ 67																		.1	1	1							
66/ 65																		.2	.2	.2	6	6					
64/ 63																		.4	.2	.1	7	7					
62/ 61																		.7	.4	.3	.2	11	11				
60/ 59																		.1	.4	.8	1.2	.1	24	24			
58/ 57																		.4	1.1	1.1	.4		28	28			
56/ 55																		.1	.3	.6	1.2	1.5	35	35			
54/ 53																		.1	.2	1.3	1.3	.6	33	33			
52/ 51																		.1	1.3	1.9	1.2		42	42			
50/ 49																		.1	.2	.5	1.3	2.6	49	49			
48/ 47																		.1	.6	.4	1.6	1.0	.2	37	37		
46/ 45																		.3	.4	1.9	1.4	.5	43	43	15		
44/ 43																		.1	.8	1.9	1.5	1.1	.3	53	53	24	
42/ 41																		.2	1.5	1.5	1.5	1.9		53	53	43	
40/ 39																		.4	1.1	1.9	1.7	1.0		57	57	60	2
38/ 37																		.1	.9	1.4	1.2	1.8		50	50	91	
36/ 35																		.1	.4	1.5	.9	1.4	.4	50	50	95	5
34/ 33																		.1	.4	1.5	1.7	1.1	.5	50	50	85	6
32/ 31																		.1	2.3	2.3	1.0	.6	.2	61	61	71	26
30/ 29																		.4	1.8	1.4	1.8			61	61	95	32
28/ 27																		.6	1.8	1.5	.4			45	46	85	61
26/ 25																		.1	1.0	2.0	.3			12	32	63	84
24/ 23																		.4	1.1	.4				18	18	53	53
22/ 21																			1.0	.4	.1			14	14	35	110
20/ 19																			1.4	.2	.1			16	16	16	101
18/ 17																		.1	1.0	.6				16	16	13	84
16/ 15																			1.0	.4				13	13	16	75
14/ 13																			.1	.8	.1			9	9	16	59
12/ 11																			.3	.1				4	4	9	79
10/ 9																			.5	.1				6	7	5	47
8/ 7																			.8					7	7	5	32
6/ 5																			.3					3	3	7	27
4/ 3																			.1					1	1	3	12
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 144 0-26-5 (G.L.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27036 BUCKLEY ANGB CO

69-70, 73-80

MAR  
 MONTH

STATION

STATION NAME

YEARS

PAGE 1

1200-1400  
 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															
74/ 73																										.2						2	2		
72/ 71																										.4						4	4		
70/ 69																									.3	.1						4	4		
68/ 67																									.2	.3	.8					12	12		
66/ 65																									.2	.6	1.0					24	24		
64/ 63													.1	.1	1.1	1.9	1.2														41	41			
62/ 61												.1	.3	1.8	2.3	.3															45	45			
60/ 59										.1		.6	2.8	2.2	.3																56	56			
58/ 57											.2	.6	1.9	.6																	32	32			
56/ 55												1.1	1.6	.8																	32	32			
54/ 53											1.2	1.5	1.8	.4																	46	46			
52/ 51						.2	.3	.9	1.4	1.0	.2																				37	37			
50/ 49				.2	.3	.5	.8	1.7	.8																						40	40	2		
48/ 47					.9	1.0	1.6	1.1	.2																						44	44	19		
46/ 45				.5	.8	1.7	2.2	1.0																							57	57	27		
44/ 43				1.0	1.5	1.7	1.6	.8																							61	61	74		
42/ 41			.1	1.0	.9	2.2	1.2	.6																							55	55	111		
40/ 39		.2	.4	.4	1.3	.8	.9	.1																							38	38	89		
38/ 37	.1	.1	.6	.9	1.0	.1	.2																								28	28	81	2	
36/ 35	.1	.2	.4	.5	.8	.4	.6																								29	29	87	5	
34/ 33	.1	.6	.9	1.6	.6	.2																									33	38	78	16	
32/ 31	.1	1.6	1.5	1.4	.3																										44	44	69	27	
30/ 29	.3	1.6	1.0	1.2	.2																										40	40	73	36	
28/ 27	.2	1.7	.9	.1																											27	27	50	48	
26/ 25		.8	1.0	.2	.1																										19	19	45	74	
24/ 23	.1	.8	.5	.4																											17	17	40	54	
22/ 21	.1	1.0	.1																												11	11	16	96	
20/ 19		.6	.8																												13	13	16	112	
18/ 17	.1	.2	.3																												6	6	13	97	
16/ 15	.1	.5	.3																												9	9	9	77	
14/ 13	.1	.6	.2																												9	9	11	68	
12/ 11		.6																													6	6	8	66	
10/ 9		.3																													3	3	8	50	
8/ 7		.1																													1	1	2	32	

Element (X)	2x <sup>2</sup>	2x	X	x <sub>n</sub>	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												

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANG8 CO  
STATION STATION NAME

69-70,73-80  
YEARS

MAR  
MONTH

PAGE 2 1200-1400  
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
6/ 9																					23
4/ 3																					17
2/ 1																					16
0/ -1																					3
-2/ -3																					3
-10/-11																					3
TOTAL	1.5	11.9	9.0	9.0	8.8	8.9	11.2	9.7	7.1	9.2	7.8	3.4	2.0	.2			9.30	9.30	9.30		
Element (X)	Σx <sup>2</sup>	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	19966.1	375.35	40.72	22.190	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2018727	41407	44.51	3.730	930		20.3	2.2	.2			93									
Wet Bulb	1132856	31550	33.9	8.204	930		36.2					93									
Dew Point	364676	16908	18.2	7.852	930	1.4	90.7					93									

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

403

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFB WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANG8 CO

69-70, 73-80

MAR  
 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
72/ 71														.9	.1		9	9		
70/ 69													.2	.5		7	7			
68/ 67												.1	.2	.5	.8		15	15		
66/ 65												.1	.3	1.3	.2		18	18		
64/ 63								.1	.1	1.2	2.3	1.7					50	50		
62/ 61								.5	1.5	2.9	.4						50	50		
60/ 59								.2	.8	2.5	2.3	.1					54	54		
58/ 57								.6	1.2	1.2	.3						31	31		
56/ 55							.2	.5	1.2	.5							23	23		
54/ 53							.6	2.2	1.4	.2							41	41		
52/ 51						.2	1.6	1.3	1.3	.3							44	44		
50/ 49					.2	.4	.9	1.4	.8								34	34	2	
48/ 47			.1	.2	1.1	.9	2.3	1.0	.2								53	53	19	
46/ 45			.3	.3	1.3	2.8	1.1	.1									55	55	35	
44/ 43			.2	.5	1.4	1.3	1.0	.8									48	48	75	
42/ 41			.6	1.0	1.1	1.5	.9	.2									48	48	104	
40/ 39		.2	1.0	1.0	1.2	.8	.6	.3									47	47	96	
38/ 37		.3	1.2	.6	.5	.4	.5										34	34	73	
36/ 35	.1	.6	1.3	1.5	.3	.2	.4										42	42	94	
34/ 33		1.3	1.3	.6	1.1												40	40	90	
32/ 31		1.7	1.2	.8	.3												37	37	70	
30/ 29	.4	.8	1.5	.8	.2												34	34	74	
28/ 27	.3	.4	1.7	.1	.1												34	34	40	
26/ 25		.6	.8	.1													14	14	48	
24/ 23		1.2	.3	.2													16	16	37	
22/ 21		.9	.5														13	13	19	
20/ 19		.2	.2														4	4	12	
18/ 17	.1	.2	.2														5	5	7	
16/ 15	.3	.5	.4														12	12	7	
14/ 13		1.4	.1														14	14	9	
12/ 11																			14	
10/ 9		.4															4	4	3	
8/ 7																			2	
6/ 5																			25	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	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																				

FORM 0-26-5 (OL A) REVERSED MIRROR IMAGES OF THIS FORM ARE OBSOLETE  
 USAFETAC



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70, 73-80  
 YEARS

YEARS

MAR  
 MONTH

PAGE 1 1600-2000  
 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
88/ 67												.2	.1					3	3		
84/ 63											.5		.1					8	8		
82/ 61								.1		.3	.2							6	6		
80/ 59								.1	.5	.6								12	12		
78/ 57								.3	.6	.2								11	11		
76/ 55							.2	.3	.6	1.1	.1							22	22		
74/ 53						.2	.9	1.0	1.2	.9								38	38		
72/ 51						.3	.6	2.2	1.1	.1								40	40		
70/ 49						.9	1.5	1.6	.5									42	42		
68/ 47					.8	1.2	2.0	.8	.2									46	46		1
66/ 45				.2	1.2	1.2	1.3	.6										42	42		4
64/ 43			.1	.5	2.0	1.8	1.4	.7										57	57		19
62/ 41			.1	1.2	1.6	1.5	.4											45	45		29
60/ 39			.5	1.3	2.7	1.2												54	54		59
58/ 37		.5	.5	3.1	2.3	1.0	.2											73	73		90
56/ 35	.1	1.2	1.7	1.5	.5	.6												53	53	108	4
54/ 33		2.2	1.5	2.0	.9	.6	.3											70	70	96	5
52/ 31	.1	3.1	2.6	1.7	.9	.6												84	84	123	35
50/ 29	.3	2.3	2.0	.5	.1	.2												51	51	89	60
48/ 27	.2	1.6	1.3	.5														34	34	79	67
46/ 25	.5	1.8	1.0	.1														32	32	71	86
44/ 23	.2	1.5	.5	.1														22	22	38	63
42/ 21	.1	1.6	.4															20	20	40	95
40/ 19	.1	.4	1.1															15	15	19	114
38/ 17	.1	.9	.3															12	12	15	94
36/ 15	.2	.5																7	7	16	73
34/ 13		.3	.2															5	5	4	40
32/ 11	.2	1.0																11	11	8	39
30/ 9		.6																6	6	10	56
28/ 7		.3																3	3	4	32
26/ 5		.3																3	3	4	
24/ 3	.1	.2																3	3	3	
22/ 1																				1	11
20/ -1																					9
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																					

FORM AIR 64 0-26-5 (OL A) REPROD PROHIBITED UNLESS AUTHORIZED BY THE AIR FORCE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

**PSYCHROMETRIC SUMMARY**

23034 BUCKLEY ANGH CO 69-70,73-80

STATION

STATION NAME

YEARS

MAR  
MONTH

PAGE 2 1800-2000  
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															
-2/ -3																						4														
-4/ -5																						4														
-6/ -7																						3														
-8/ -9																						2														
TOTAL	7.4	20.9	14.3	12.9	12.9	11.4	9.7	7.0	4.5	2.8	1.8	.4	.2					930	930	930	930															

Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	Z	Z <sub>2</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2959158	48310	51.9	22.000	930							93
Dry Bulb	1452028	35132	37.8	11.594	930		30.8	.3				93
Wet Bulb	922906	28440	30.6	7.567	930		52.4					93
Dew Point	393835	17669	19.0	7.911	930	2.2	92.1					93

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23026 BUCKLEY ANGB CO

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300  
 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
60/ 59																		2	2		
58/ 57								.2	.1									4	4		
56/ 55									.1	.1								2	2		
54/ 53								.2	.2	.1								5	5		
52/ 51						.1	.4	1.0	.3									17	17		
50/ 49						.6	.8	.2										23	23		
48/ 47					.2	.2	1.5	1.3										30	30		
46/ 45				.1	.6	1.4	1.2	.3										34	34		
44/ 43				.3	1.3	2.5	.9	.2										48	48	2	
42/ 41			.3	.9	1.5	1.5	.9	.1										48	48	10	
40/ 39			.6	1.8	2.4	1.8	.3											65	65	17	
38/ 37		.1	1.2	2.7	1.9	.5												60	60	45	
36/ 35	.3	.6	1.8	2.7	1.7	.4												71	71	72	
34/ 33		1.2	2.5	2.4	.8	.2												65	65	98	
32/ 31	.1	4.7	4.2	2.6	.6													114	114	124	
30/ 29	.8	2.7	2.2	1.9	.9	.2												80	80	116	
28/ 27	.3	2.5	2.7	.2	.3													56	56	108	
26/ 25	.5	2.5	.6	.6	.2													42	42	97	
24/ 23	.2	1.7	.5		.1													24	24	59	
22/ 21	.1	2.9	.9															36	36	39	
20/ 19	.1	2.3	.5															27	27	44	
18/ 17		1.6	.5															20	20	21	
16/ 15	.8	1.3																19	19	28	
14/ 13		.8																7	7	12	
12/ 11	.1	.4																5	5	10	
10/ 9		.2																2	2	3	
8/ 7	.1	.5																6	6	4	
6/ 5	.2	.8																9	9	8	
4/ 3	.2	.4																6	6	6	
2/ 1	.1	.1																2	2	6	
0/ -1																				10	
-2/ -3																				5	
-4/ -5																				4	
-6/ -7																				3	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFB WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANSB CO  
STATION STATION NAME

69-70, 73-80

YEARS

MAR  
MONTH

PAGE 7 2100-2100  
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
-8/-0																					2
-10/-11																					2
TOTAL	4.0	27.3	18.6	16.3	17.6	9.6	6.1	4.2	.9	.3	.1						929	929	929	929	
Element (X)	$\sum x^2$	$\sum x$		$\bar{x}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature					Total								
Rel. Hum.	3604144	54880		59.119	7.55	929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	1106796	30654		33.010	134	929			45.5					93							
Wet Bulb	765673	25781		27.8	7.356	929			68.6					93							
Dew Point	376063	17287		18.6	7.555	929		2.6	92.2					93							

USAFETAC FORM 0-26.5 (OL A) REVISYD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

44336

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 69-70,73-80 YEARS MAR  
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	
74/ 73														.0				2	2			
72/ 71													.2					13	13			
70/ 69												.1	.1					14	14			
68/ 67										.0	.1	.1	.2					31	31			
66/ 65										.1	.1	.3	.1					48	48			
64/ 63								.0	.0	.3	.6	.4	.0					106	106			
62/ 61								.0	.1	.5	.7	.1						112	112			
60/ 59						.0	.0	.3	.8	.6	.1							149	149			
58/ 57							.2	.5	.6	.2								107	107			
56/ 55						.0	.1	.4	.6	.5	.0							121	121			
54/ 53						.1	.4	.3	.8	.3								168	168			
52/ 51					.0	.1	.7	1.1	.6	.1								194	194			
50/ 49				.0	.1	.5	.8	1.2	.4									214	214	4		
48/ 47			.0	.0	.5	.6	1.4	.6	.1									259	259	42		
46/ 45				.2	.6	1.3	1.3	.6	.0									289	289	81		
44/ 43		.0	.0	.5	1.3	1.5	1.0	.3										350	350	199		
42/ 41			.2	.8	1.4	1.5	.7	.1										349	348	305		
40/ 39		.1	.6	1.0	2.1	1.3	.4	.1										408	408	363	2	
38/ 37	.1	.2	.3	1.7	2.0	.9	.1											432	432	452	5	
36/ 35	.1	.6	1.5	1.9	1.7	.4	.2											474	474	563	24	
34/ 33	.1	1.0	1.6	2.2	1.1	.2	.0											466	466	627	62	
32/ 31	.2	2.8	3.2	1.7	.8	.1												653	653	743	192	
30/ 29	.5	2.1	2.1	1.4	.3	.1												484	484	615	207	
28/ 27	.5	2.6	2.1	.5	.1													431	433	767	432	
26/ 25	.2	2.1	1.9	.4	.1													347	347	642	563	
24/ 23	.3	1.4	.9	.2	.1													209	210	469	521	
22/ 21	.2	1.8	.8	.1														208	209	328	807	
20/ 19	.1	1.5	.9	.0														195	195	241	872	
18/ 17	.2	1.3	.6	.0														150	150	189	754	
16/ 15	.3	1.0	.2	.0														117	117	165	660	
14/ 13	.1	1.0	.2															101	101	123	515	
12/ 11	.2	.6	.0															62	62	121	473	
10/ 9	.1	.4	.0															35	36	60	386	
8/ 7	.1	.4																31	31	31	283	
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	X <sub>2</sub>	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																						

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 LUCKLEY ANGB CO  
 STATION STATION NAME

69-70,73-80 YEARS

MAR MONTH

PAGE 2 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		
6/ 5	.0	.4																29	29	30	194		
4/ 3	.1	.4																37	37	40	103		
2/ 1	.1	.2																20	20	26	84		
0/ -1	.1	.1																10	10	14	66		
-2/ -3	.0	.1																7	7	10	42		
-4/ -5	.0																	3	3	4	33		
-6/ -7																					24		
-8/ -9																					23		
-10/ -11																					12		
-12/ -13																					10		
-14/ -15																					4		
-16/ -17																					1		
TOTAL	3.5	21.9	17.6	12.6	12.2	8.6	7.1	5.6	3.4	3.1	2.6	1.1	.6	.0			7434	7439	7434	7434			
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum.	24600099	394859	53.1	22.090	7434	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744											
Dry Bulb	10941907	268315	36.1	13.037	7439	2.0	313.4	6.0	.2			744											
Wet Bulb	6886042	217098	29.2	8.571	7434	2.8	480.2					744											
Dew Point	2852135	132923	17.9	7.998	7434	21.5	734.7					744											

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200  
 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/ 63																		1	1		
60/ 59																		1	1		
58/ 57																		2	2		
56/ 55																		5	5		
54/ 53																		29	29		
52/ 51																		29	29		
50/ 49																		41	41	2	
48/ 47																		57	57	6	2
46/ 45																		66	66	15	1
44/ 43																		84	84	32	3
42/ 41																		74	74	68	20
40/ 39																		91	91	72	28
38/ 37																		86	86	105	25
36/ 35																		65	65	114	30
34/ 33																		70	70	106	62
32/ 31																		95	95	116	90
30/ 29																		57	57	70	38
28/ 27																		41	41	61	96
26/ 25																		9	9	66	60
24/ 23																		11	11	26	58
22/ 21																		8	8	15	59
20/ 19																		10	10	10	81
18/ 17																		5	5	9	70
16/ 15																				4	52
14/ 13																					29
12/ 11																		1	1		21
10/ 9																		2	2	2	7
8/ 7																				1	11
6/ 5																					3
4/ 3																					2
2/ 1																					1
0/ -1																					1
TOTAL	1.6	22.7	19.9	22.2	16.3	8.0	5.1	2.2	1.4	.6								900	900	900	900
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.							Mean No. of Hours with Temperature									
Rel. Hum.	3702351	55319	61.5	18.333	900							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	1421409	35013	38.9	8.121	900								19.9						90		
Wet Bulb	1043524	30116	33.5	6.317	900								38.0						90		
Dew Point	643360	22938	25.5	8.384	900							.1	72.9						90		

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

69-70,73-89

APR  
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
60/ 59									.1								1	1		
58/ 57										.2							2	2		
56/ 55							.1	.2									3	3		
54/ 53					.1	.3	.2	.1	.2								9	9		
52/ 51				.2	.1	.4		.3									10	10		
50/ 49		.2	.4	.2	1.0	.2	.4	.7									29	29		
48/ 47		.1	.6	.7	.8	1.0	.8	.3									38	38	3	
46/ 45		.1	.9	.7	1.1	2.2	.2	.3									48	48	8	
44/ 43		1.7	.6	1.7	2.3	.6	.9										69	69	19	
42/ 41		1.7	1.6	1.9	1.2	1.2	.3										71	71	50	
40/ 39	.1	1.9	3.7	2.1	1.7	1.3											97	97	53	
38/ 37		1.2	4.4	3.1	1.8	.2											97	97	84	
36/ 35	.1	1.9	3.1	3.2	.7	.2											83	83	110	
34/ 33	.2	4.7	1.9	2.3	1.3	.1											92	92	101	
32/ 31	.6	2.9	2.8	1.6	.8	.2											79	79	137	
30/ 29	.3	2.0	1.8	1.3													49	49	104	
28/ 27	.2	3.2	1.6	.8													52	52	67	
26/ 25		1.7	1.0	.3													27	27	73	
24/ 23		1.0	.4														13	13	39	
22/ 21		.3	.3														6	6	22	
20/ 19		1.6															14	14	8	
18/ 17		.3															3	3	15	
16/ 15		.1	.1														2	2	3	
14/ 13		.2															2	2	2	
12/ 11																			2	
10/ 9		.1															1	1	16	
8/ 7		.1															1	1	2	
6/ 5																			1	
4/ 3		.2															2	2	1	
2/ 1																			1	
0/ -1																			2	
-2/ -3																			1	
TOTAL	1.6	27.2	25.1	20.1	12.6	7.9	2.9	1.9	.6	.2							900	900	900	
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	3943775	57407	63.8	17.712	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90								
Dry Bulb	1271237	33099	36.8	7.748	900		25.1					90								
Wet Bulb	955650	28778	32.0	6.280	900		47.6					90								
Dew Point	601582	22112	24.6	8.054	900	.3	76.6					90								

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

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4608

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 69-70,73-80 APR  
 STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800  
 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															
68/ 67										.2								2	2																	
66/ 65								.1	.1	.1								3	3																	
64/ 63								.1	.1	.2	.2							6	6																	
62/ 61								.2	.1	.2	.2	.1						6	6																	
60/ 59								.3	.3	.6	.1							16	16																	
58/ 57								.2	.6	.2	.1							10	10																	
56/ 55				.1	.1	.2	.3	.6	.7									20	20																	
54/ 53			.1		.2	.7	1.2	.6	.2									27	27																	
52/ 51					.7	.9	.7	.2										22	22	2																
50/ 49		.1	.3	.4	1.1	1.4	1.2	.7										49	49	7																
48/ 47				.2	1.3	1.7	1.6	.9	.8									58	58	15	1															
46/ 45		.3	.8	1.7	1.3	1.6	.9											59	59	26	3															
44/ 43		.6	.4	1.6	2.3	1.7	.7											65	65	49	6															
42/ 41	.1	2.3	1.1	2.4	1.1	2.2	.1											85	86	61	9															
40/ 39		1.9	2.1	2.7	1.1	.9	.2											60	80	85	18															
38/ 37		1.4	2.2	1.8	2.0	.2												69	69	93	37															
36/ 35		2.2	2.7	2.2	.9	.4												76	77	100	42															
34/ 33		2.4	1.6	1.7	.6													56	56	98	52															
32/ 31	.6	2.8	2.0	.7	.3	.1												58	58	104	101															
30/ 29	.1	1.1	1.0	.9	.1													29	29	84	69															
28/ 27	.6	2.8	.8	.2	.1													40	40	54	93															
26/ 25	.1	.9	1.1	.1														20	20	46	84															
24/ 23		.3	.4															7	7	26	67															
22/ 21	.1	.8	.1															9	9	18	56															
20/ 19		.3	.2															9	9	5	82															
18/ 17		.3																3	3	10	67															
16/ 15		.3																3	3	6	48															
14/ 13		.1																1	1		25															
12/ 11		.2																2	2	3	23															
10/ 9	.1	.3																4	4	3	15															
8/ 7																				1	10															
6/ 5		.2																2	2	1	2															
4/ 3																				1	3															
2/ 1																				1	3															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036      BUCKLEY ANGB CO      69-70, 73-80      APR  
STATION      STATION NAME      YEARS      MONTH

PAGE 2      0600-0800  
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
07 -1																					2
TOTAL	1.7	22.4	17.7	17.8	13.7	12.1	6.8	4.3	2.1	.8	.6						898	900	898	898	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.				Mean No. of Hours with Temperature												
Rel. Hum.	34959.17	43239	50.5	19.457	898				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	1531229	36069	40.1	9.764	900					18.7	.2				90						
Wet Bulb	1085584	30558	34.0	7.140	898					36.3					90						
Dew Point	641362	22862	25.5	8.132	898				.2	73.2					90						

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





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

**PSYCHROMETRIC SUMMARY**

23036 BUCKLEY ANG B CO 69-70,73-82 APR  
 STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100  
 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
8/ 7																					10
6/ 5																					5
4/ 3																					2
2/ 1																					2
TOTAL	.6	1.4	7.2	8.4	10.0	10.1	11.0	12.6	9.9	5.5	5.2	3.2	1.9	.9	.1		897	900	897	897	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2156275	39585	44.1	21.375	897							
Dry Bulb	2347780	44668	49.6	12.065	900		8.1	7.7	1.4			9.0
Wet Bulb	1409496	34954	39.0	7.275	897		16.3					9.0
Dew Point	546703	22949	25.6	8.154	897		70.3					9.0

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

23036 BUCKLEY ANGB CO

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400  
 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
82/ 81															.1			1	1	
80/ 79															.1			1	1	
78/ 77														.2	.3	.1		6	6	
76/ 75												.1	.6	.8	.9			23	23	
74/ 73												.3	.7	1.1	1.9			36	36	
72/ 71											.3	.3	1.2	.8	.2			26	26	
70/ 69									.1	.1	.4	1.1	1.6	1.1	.2			42	42	
68/ 67								.2	.2	.9	1.3	1.6	.4					42	42	
66/ 65								.4	.4	1.3	2.6	2.7						66	66	
64/ 63								.2	1.1	2.4	.9							42	42	
62/ 61						.1		.3	1.6	2.0	1.2							47	47	
60/ 59						.3	.9	1.1	1.9	1.6	.4							56	56	
58/ 57						.4	.6	1.2	.9	1.3								40	40	
56/ 55					.1	1.1	1.0	1.1	1.8	.4								50	50	4
54/ 53				.1	.2	.9	1.6	1.4	.8	.3								48	48	10
52/ 51		.1	.1	.1	.6	1.1	.9	.8	.9									41	41	42
50/ 49		.1	.8	.7	1.1	2.0	1.5	.9	.1									68	69	77
48/ 47			.1	.3	.3	1.2	1.4	.9	.2									41	41	93
46/ 45		.4	.6	.4	.6	1.0	.7	.7										39	39	116
44/ 43		.7	.7	.7	.8	.3	.4	.2										30	30	106
42/ 41		.9	.1	.4	.2	.4		.1										20	20	98
40/ 39		.4	.4	.8	.4	.4												19	19	72
38/ 37	.3	.7	.4	.6	.3	.2												22	22	64
36/ 35		.8	.5	.3	.2	.1												18	18	71
34/ 33	.3	.2	.6	.6														15	15	42
32/ 31		.9	1.9	.1														26	26	26
30/ 29		.7	.6	.2														13	13	22
28/ 27		.7	.2															8	8	30
26/ 25			.1															1	1	14
24/ 23		.1	.2															3	3	1
22/ 21		.3	.4															7	7	2
20/ 19																				5
18/ 17		.3																3	3	6
16/ 15																				1
Element (X)	ΣX'	ΣX	X̄	σ <sub>x</sub>	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 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGR CO  
 STATION NAME

69-70, 73-80  
 YEARS

APR  
 MONTH

PAGE 2 1200-1400  
 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	
14/ 13																						33
12/ 11																						21
10/ 9																						19
8/ 7																						19
6/ 5																						1
4/ 3																						2
2/ 1																						4
TOTAL	0.7	7.3	7.0	4.9	4.4	6.4	9.4	10.7	10.8	11.2	8.3	7.7	4.2	3.4	1.3	.1			900	900	900	
																			900		900	

Element (X)	Σ x'	Σ x	x̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Rel. Hum.	1641619	33279	37.0	21.384	900																	
Dry Bulb	2845808	49272	54.7	12.845	900		6.1	17.7	6.7	.1												90
Wet Bulb	1579174	37148	41.3	7.143	900		10.7															90
Dew Point	622146	22496	25.0	8.159	900		73.4															90

USAFETAC FORM 10-64 0-26-5 (OL A) REVISED 1964 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27036 HUCKLEY ANGS CO 69-70,73-80 APR  
 STATION STATION NAME YEARS 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															
82/ 81															.1			1	1																	
80/ 79														.1	.2			3	3																	
78/ 77													.1	.1	.8			9	9																	
76/ 75													.9	.7	.4			18	18																	
74/ 73										.3	.8	.3	1.4					26	26																	
72/ 71									.1	.1	1.6	1.1	.7					32	32																	
70/ 69								.1		.3	1.2	1.6	1.4	.3				42	42																	
68/ 67								.1	.3	.2	1.7	1.9	.6					43	43																	
66/ 65						.7			.3	1.2	2.3	1.3	.1					50	50																	
64/ 63							.4	1.4	2.1	1.7	.3							54	54																	
62/ 61						.1	.3	.8	1.8	3.4	1.4							71	71																	
60/ 59						.6	.6	1.2	2.7	2.1	.7							70	70																	
58/ 57					.1	.2	.8	1.0	.3	.7								78	78																	
56/ 55					.1	.4	1.2	1.2	1.4	.3								43	43																	
54/ 53					.9	.9	1.0	1.0	.9	.3								45	45	11																
52/ 51				.2	.3	.9	.3	1.2	.7	.2								39	39	41																
50/ 49			.2	.6	.1	1.2	1.2	1.2	1.1									51	51	71																
48/ 47		.3	.2	.2	.2	.7	.7	.9										29	29	98																
46/ 45		.4	1.0	.5	.7	1.1	1.0	.2										45	45	126	2															
44/ 43		1.3	.4	.4	1.1	.3	.4	.2										39	39	119	9															
42/ 41		.9	.7	.3			.3	.3										23	23	93	15															
40/ 39		.4	.8	.6	.4													20	20	62	29															
38/ 37		1.0	1.0	.3	.3	.3												27	27	66	35															
36/ 35	.1	.2	1.1	.9														21	21	71	27															
34/ 33	.6	.6	.1	.4														15	15	38	53															
32/ 31		1.0	1.6	.1														24	24	29	78															
30/ 29		.8	.1	.4														12	12	22	63															
28/ 27		.6	.2															7	7	29	93															
26/ 25			.2															2	2	7	54															
24/ 23			.1	.1														4	4	5	54															
22/ 21			.1															1	1	1	76															
20/ 19		.3																3	3	5	96															
18/ 17		.1																1	1	3	49															
16/ 15		.2																2	2	2	45															
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																																				

FORM 44 0-25 5 (OL A) WEATHER SERVICE BRANCH OF THE AIR FORCE  
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAL

# PSYCHROMETRIC SUMMARY

23036  
STATION

BUCKLEY ANG8 CO  
STATION NAME

69-70, 73-80  
YEARS

APR  
MONTH

PAGE 2

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																	
14/ 13																																			1	25	
12/ 11																																					21
10/ 9																																					16
8/ 7																																					9
4/ 3																																					6
2/ 1																																					3
TOTAL	.7	4.2	9.1	5.2	4.3	6.8	8.6	9.9	11.1	10.8	9.4	7.4	4.6	3.3	1.6																		900	900	900		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1729847	33919	37.7	22.411	900							
Dry Bulb	2350917	49307	54.8	12.900	900		5.6	17.4	5.7	.2		90
Wet Bulb	1537300	37266	41.4	7.015	900		10.4					90
Dew Point	634296	22726	25.3	8.199	900		73.0					90

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION 27036 STATION NAME BUCKLEY ANGB CO YEARS 69-70,73-80 MONTH APR  
PAGE 1 1800-2000  
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
76/ 75														.1			1	1	
74/ 73														.1			1	1	
72/ 71													.2	.4	.2		8	8	
70/ 69										.1	.2	.4	.4			11	11		
68/ 67								.1	.6	.4	.7	.1				17	17		
66/ 65							.1	.1	.1	.6	.2	.8				17	17		
64/ 63						.1	.2	.6	1.0	.6	.1					23	23		
62/ 61						.1	.2	1.1	1.2	1.7	.2					41	41		
60/ 59						.2	.9	.5	1.7	1.2	.2	.1				46	46		
58/ 57					.2	.7	1.0	1.8	.8	1.2						51	51		
56/ 55				.1	.4	.6	1.7	1.9	1.6	.3						59	59		
54/ 53				.1	.4	1.7	2.3	2.0	.3							62	62	3	
52/ 51				.3	.9	1.7	1.9	.9	.4							54	54	7	
50/ 49			.1	.6	1.7	2.9	1.2	.9	.2							67	67	30	
48/ 47		.1	.3	.1	1.2	1.3	1.1	.4	.1							43	43	55	
46/ 45		.3	1.1	1.0	1.3	1.7	.9	.3								60	60	71	
44/ 43		1.7	1.3	1.4	1.4	1.1	.4	.2								69	69	110	
42/ 41		.7	1.0	1.2	1.0	.9	.6									48	48	127	
40/ 39		.6	1.7	1.3	1.1	.1	.1									44	44	105	
38/ 37	.3	.9	.6	.9	.9	.2	.1									35	35	83	
36/ 35		1.0	1.3	1.0	.1	.2										33	33	80	
34/ 33	.4	1.1	.8	.4	.1											26	26	66	
32/ 31		1.6	1.2	.3	.1											29	29	49	
30/ 29	.2	1.2	.6	.1												21	21	41	
28/ 27		.9	.4	.1												13	13	26	
26/ 25		.4	.2													6	6	23	
24/ 23		.3	.1													4	4	8	
22/ 21		.1	.1													2	2	4	
20/ 19		.2	.1													3	3	2	
18/ 17		.2	.1													3	3	5	
16/ 15																		1	
14/ 13		.2														2	2	2	
12/ 11		.1														1	1	2	
10/ 9																		0	

Element (X)	Σx'	Σx	x̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature												
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Rel. Hum.																		
Dry Bulb																		
Wet Bulb																		
Dew Point																		

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

GLOBAL CLIMATOLOGY BRANCH  
 USFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
 STATION STATION NAME

69-70, 73-90  
 YEARS

APR  
 MONTH

PAGE 7 1800-2000  
 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
8/ 7																					5
6/ 5																					2
4/ 3																					3
2/ 1																					1
TOTAL	1.0	11.7	11.3	9.1	11.0	13.2	12.6	10.8	7.0	6.7	2.1	2.1	1.0	.4			900	900	900	900	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2490284	43300	48.12	279	900							
Dry Bulb	2189998	43260	48.11	693	900		8.4	3.8	.2			90
Wet Bulb	1381704	34730	38.6	795	900		16.3					90
Dew Point	693580	23976	26.6	812	900		71.2					90

USAFETAC FORM 1 JUL 68 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27036 BUCKLEY ANGB CO

69-70, 73-80

APR

STATION STATION NAME YEARS

PAGE 1 2100-2300  
 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
66/ 65																		1	1		
64/ 63							.1				.1							2	2		
62/ 61						.1		.2	.1	.1								5	5		
60/ 59						.1	.2	.2	.2	.2								16	16		
58/ 57					.2	.3	.4	.3	.4	.1								17	17		
56/ 55				.1	.3	.2	.7	1.0	.9	.1	.1							31	31		
54/ 53			.2	.1	.2	.9	1.1	1.1	.3	.2								38	38		
52/ 51			.2	.6	.9	2.1	.9	1.2	.1									54	54	2	
50/ 49				.8	2.6	1.1	1.3	.6										57	57	8	
48/ 47		.2	.9	.8	2.6	2.0	.7	.2										66	66	15	1
46/ 45		.6	1.6	2.1	1.9	1.3	1.2											76	76	24	2
44/ 43		1.2	.7	2.6	2.1	1.8	.6											80	80	69	8
42/ 41		1.4	1.6	3.2	2.0	1.1	.2											86	86	102	16
40/ 39		1.4	1.9	2.4	1.3	.6	.1											70	70	112	36
38/ 37		1.1	3.1	2.9	.9	.6	.1											78	78	108	33
36/ 35	.1	1.2	1.6	2.1	.3	.1												49	49	21	48
34/ 33	.6	1.7	.8	1.1	.2	.1												40	40	111	55
32/ 31	.4	2.2	1.1	1.3	.6													51	51	83	116
30/ 29	.2	1.1	1.0	.3														24	24	53	95
28/ 27	.3	1.0	1.0	.1														22	22	41	78
26/ 25		.4	.6															9	9	31	70
24/ 23	.1	.2	.2															5	5	20	65
32/ 31	.1	.9																9	9	11	63
30/ 19		.7																6	6	7	75
18/ 17		.4																4	4	7	47
16/ 15																				1	35
14/ 13																					24
12/ 11		.4																4	4	2	11
10/ 9																				1	7
8/ 7																					6
6/ 5																					2
4/ 3																					2
2/ 1																					3
Element (X)	ΣX'	ΣX	X̄	s <sub>x</sub>	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 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION: 27036 BUCKLEY ANGB CO STATION NAME: BUCKLEY ANGB CO YEARS: 69-70, 73-80 MONTH: APR

PAGE 2 2100-2300  
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	
TOTAL	1.9	16.3	16.3	20.6	16.1	12.4	7.4	4.7	2.7	1.4	.4	.1						900	900	900	900	
Element (X)	Zx'	Zx	X	°x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	3321002	51972	57.7	18.861	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	1669529	37915	42.1	8.965	900		13.4						90									
Wet Bulb	1178942	32045	35.6	6.492	900		25.8						90									
Dew Point	699736	24062	26.7	7.922	900		70.1						90									

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

23036 BUCKLEY ANGB CO

69-70, 73-80

APR

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
87/ 81															.0			2	2		
80/ 79														.2	.0			4	4		
78/ 77													.0	.0	.1	.0		15	15		
76/ 75											.0		.2	.2	.2			46	46		
74/ 73											.1	.2	.3	.4				73	73		
72/ 71									.1	.1	.5	.3	.2					82	82		
70/ 69								.1	.0	.2	.4	.5	.5	.1				118	118		
68/ 67								.1	.1	.3	.5	.6	.2					128	128		
66/ 65							.1	.1	.2	.5	.8	.7	.0					163	163		
64/ 63							.0	.2	.5	.8	.6	.1						160	160		
62/ 61						.1	.1	.4	.8	1.1	.5	.0						219	219		
60/ 59						.2	.5	.7	1.1	.9	.3	.0						251	251		
58/ 57					.1	.3	.4	.6	.8	.5								191	191		
56/ 55				.1	.2	.5	.7	1.0	1.0	.2	.0							270	270		
54/ 53			.1	.1	.4	.9	1.2	1.0	.5	.1								306	306	28	
52/ 51	.0	.1	.3	.9	1.1	.9	.3	.4	.0									306	306	119	
50/ 49	.1	.3	.5	1.1	1.4	1.3	.9	.4	.0									424	424	240	
48/ 47	.1	.3	.7	1.3	1.2	1.0	.6	.1										383	384	349	7
46/ 45	.3	.9	1.0	1.3	1.4	.8	.3	.1										441	441	456	23
44/ 43	1.2	.9	1.5	1.7	1.0	.7	.1											500	502	591	46
42/ 41	.1	1.2	1.3	1.7	1.0	.9	.3	.1										444	445	706	94
40/ 39	.0	1.1	1.8	1.6	1.3	.5	.1											462	462	654	212
38/ 37	.1	1.1	1.4	1.7	1.0	.3	.1											437	437	674	275
36/ 35	.1	1.3	1.5	1.7	.3	.2												374	375	718	312
34/ 33	.3	2.0	1.7	1.2	.3	.0												343	343	634	422
32/ 31	.3	1.9	1.5	.8	.3	.0												348	348	591	726
30/ 29	.2	1.3	1.1	.5	.0													225	225	435	640
28/ 27	.1	1.6	.8	.2	.0													193	193	336	707
26/ 25	.0	.5	.5	.1														81	81	282	649
24/ 23	.0	.4	.3	.0														49	49	132	474
22/ 21	.1	.5	.2															47	47	77	527
20/ 19	.0	.5	.1															49	49	47	684
18/ 17	.3	.3																26	26	58	443
16/ 15	.1	.2																8	8	25	352
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																					

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANG B CO  
 STATION STATION NAME

69-70,73-80  
 YEARS

APR  
 MONTH

PAGE 2

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		
14/ 12	.0	.1																		7	7	7	218
12/ 11		.1																		8	8	15	165
10/ 9	.0	.1																		7	7	6	101
8/ 7		.0																		1	1	4	70
6/ 5		.0																		2	2	1	17
4/ 3		.0																		2	2	2	23
2/ 1																						1	21
0/ -1																							5
-2/ -3																							1
TOTAL	1.2	15.9	14.1	13.5	11.1	9.9	8.2	7.1	5.6	4.6	3.3	2.6	1.5	1.0	.0	.0				7195	7200		7195
Element (X)	Σx'	Σx	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	22481060	368020	51.1	22.547	7195	≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	16127897	328603	45.6	12.532	7200		105.3	45.8	14.0	.3		720											
Wet Bulb	10221474	265596	36.9	7.616	7195		201.3					720											
Dew Point	5182773	184121	25.6	8.092	7195	.6	580.7					720											

USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

28036 BUCKLEY ANGB CO

69-70, 73-80

MAY  
 MONTH

PAGE 1 0000-0200  
 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/ 71								.1										1	1				
70/ 69							.1											1	1				
68/ 67							.1				.1							2	2				
66/ 65								.1			.1							2	2				
64/ 63							.4			.4								8	8				
62/ 61						.5	1.0	.5	.2	.2								23	23				
60/ 59				.3	.3	.4	.5	.6		.2								23	23				
58/ 57				.2	1.0	1.0	1.1	.4	.3	.2	.1							46	46	2			
56/ 55			.3	.9	1.0	1.0	1.3	1.0	.1									51	51	2			
54/ 53		.5	1.0	1.5	1.5	1.7	1.4	.6	.1									78	78	6			
52/ 51	.1	.9	1.8	2.6	1.5	1.8	.6	.4										91	91	28			
50/ 49	.2	1.4	3.2	3.0	1.6	1.2	.3	.2										111	111	62			
48/ 47	.4	1.1	3.0	2.3	2.5	.8	.1											94	94	90			
46/ 45	.5	2.3	4.1	1.6	1.9	.8	.1	.1										106	106	115			
44/ 43	.3	1.6	1.9	3.3	1.7	.4	.2											99	89	142			
42/ 41		1.8	2.0	1.7	.8	.4												63	63	125			
40/ 39		1.6	1.9	.4	.2	.1												40	40	106			
38/ 37		.6	1.0	.5	.4													24	24	68			
36/ 35		1.3	.5	.2	.1													20	20	53			
34/ 33	.1	2.0	.4	.3	.1													28	28	41			
32/ 31		1.4	.2		.2													17	17	31			
30/ 29	.5	.1																6	6	28			
28/ 27	.3	.2																5	5	8			
26/ 25																				4			
24/ 23																				13			
22/ 21		.1																1	1	20			
20/ 19																				14			
18/ 17																				17			
16/ 15																				4			
14/ 13																				2			
12/ 11																				6			
10/ 9																				1			
TOTAL	2.6	17.0	21.5	19.7	15.5	9.7	7.2	4.1	1.8	.4	.5							930	930	930			
Element (X)	Σx'	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	4143530	52674	64.7	18.400	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	2163039	44319	27.7	7.411	930		2.9	.4				93											
Wet Bulb	163588	18736	41.7	5.699	930		7.2					93											
Dew Point	1188335	32481	34.9	7.656	930		36.5					93											

USAFETAC FORM JUL 64 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

2323d BUCKLEY ANGR CO 69-70,73-80 MAY  
 STATION STATION NAME YEARS 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																
64/ 63							.4																									4	4			
62/ 61											.1																					2	2			
60/ 59							.1				.4																				11	11				
58/ 57					.4	.2			1.0		.2																				24	24				
56/ 55				.3	.5	.3	.6	1.1	.5		.1																				33	33				
54/ 53		.1	.2	1.5	1.4	1.4	.4	.2	.4	.1																					54	54				
52/ 51		1.5	.9	1.4	1.8	1.4	1.1																								75	75	13			
50/ 49		1.4	2.8	3.4	1.6	1.1	.1	.1																							98	98	18	11		
48/ 47	.6	1.4	4.1	1.9	1.5	1.3	.3																								104	104	63	22		
46/ 45	.2	3.0	5.4	2.3	1.9	.9	.2																								129	129	25	37		
44/ 43	.5	2.3	3.8	2.7	1.2	.3																									100	100	148	63		
42/ 41		2.4	3.8	1.7	.8	.6	.1																								87	87	119	69		
40/ 39	.2	1.5	1.6	1.6	.8	.4																									57	57	122	87		
38/ 37		1.2	1.8	1.3	.8																										47	47	96	104		
36/ 35	.3	1.8	1.1	.6	.1																										37	37	69	93		
34/ 33	.2	2.2	.6																												30	30	63	62		
32/ 31		1.3	.4		.1																										17	17	42	95		
30/ 29	.5	.4	.3																												12	12	40	68		
28/ 27	.4	.2																													6	6	14	75		
26/ 25																																	5	50		
24/ 23																																			21	
22/ 21		.1																														1	1	1	19	
20/ 19		.2																														2	2	2	26	
18/ 17																																			9	
16/ 15																																			8	
14/ 13																																			2	
12/ 11																																			6	
10/ 9																																			3	
8/ 7																																			1	
TOTAL		2.1	21.0	27.1	19.5	12.7	8.6	5.2	1.4	1.0	.4	.1																					930	930		249

Element (X)	ΣX <sup>2</sup>	ΣX	X	ΣX	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4517922	62708	67.4	17.657	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1947925	42079	45.2	6.883	930		3.8					93
Wet Bulb	1526716	37315	40.1	5.673	930		10.4					93
Dew Point	1137118	31716	34.1	7.729	930		38.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27036  
STATION

HUCKLEY ANGB CO  
STATION NAME

69-70, 73-80  
YEARS

MAY  
MONTH

PAGE 1 0600-0800  
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
76/ 75																		1	1	
74/ 73									.1									3	3	
72/ 71									.2	.4								7	7	
70/ 69									.2	.1	.3	.4						10	10	
68/ 67									.3	.3	.4	.2						12	12	
66/ 65							.3	.3	.5	.6	.5		.1					23	23	
64/ 63					.1	.4	1.4	.5	.6	.2	.1							32	32	
62/ 61				.1	.1	1.0	1.4	1.1	1.0	.2	.1							46	46	
60/ 59			.1	.1	.6	1.9	1.0	1.9	.1	.2								56	56	1
58/ 57		.1	.1	.4	1.4	1.7	1.2	1.2	.1	.1								59	59	2
56/ 55		.1	.5	1.2	1.7	1.1	1.2	1.1	.2	.2								68	68	17
54/ 53		.6	1.2	1.5	1.8	1.8	1.4	.5	.2									85	85	24
52/ 51		.9	1.7	2.3	1.7	2.0	.3	.1										88	88	66
50/ 49		.6	1.3	2.0	1.4	1.2	.2	.2										70	70	102
48/ 47	.4	1.1	1.4	2.3	1.5	.6	.8	.1										77	77	103
46/ 45	.4	1.4	2.5	1.9	1.2	.8	.2											78	78	121
44/ 43	.4	1.8	1.7	1.4	1.2	.4		.1										56	66	108
42/ 41		1.9	1.5	1.1	1.0	.2												53	53	113
40/ 39		1.6	1.3	.6	.1													34	34	89
38/ 37	.2	.3	.8	.2		.1												15	15	71
36/ 35	.1	.6	.3	.1														11	11	39
34/ 33	.3	1.2	.2	.1														17	17	36
32/ 31		.5																5	5	14
30/ 29	.8	.2	.1															10	10	18
28/ 27	.1																	1	1	3
26/ 25		.3																3	3	2
24/ 23																				1
22/ 21																				
20/ 19																				12
18/ 17																				3
16/ 15																				6
14/ 13																				3
12/ 11																				1
10/ 9																				3
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70, 73-80  
 YEARS

MAY  
 MONTH

PAGE 1 0900-1100  
 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
86/ 85																.1		1	1		
84/ 83														.1		.1		3	3		
82/ 81														.5	.5	.2		13	13		
80/ 79										.1		.2	.4	.4	.3			14	14		
78/ 77										.2		.2	.6	.5	.1			16	16		
76/ 75								.2	.2	.3	.8	.9	.4	.2				28	28		
74/ 73							.1	1.0	.1	1.0	1.1	.9	.1					39	39		
72/ 71							.3	1.2	1.1	1.2	1.1	.6	.2					53	53		
70/ 69						.5	.8	2.3	2.0	1.6	1.0	.3						79	79		
68/ 67						.3	.6	1.6	1.1	1.0	1.0	.1						53	53		
66/ 65				.1		.4	1.4	1.9	1.9	1.4	1.0	.1						77	77		
64/ 63				.1	.8	.6	1.4	1.1	1.6	.9	.6	.1						67	67		
62/ 61				.2	.9	.9	1.2	1.6	1.9	1.1	.1	.1						73	73	1	
60/ 59			.2	.3	1.0	1.0	1.3	1.0	1.2	.4	.1							60	60	13	
58/ 57			.1	.2	.8	.9	.4	.9	.4	.2	.1							34	34	21	
56/ 55			.2	.3	1.0	.6	1.3	.9	.9									45	45	67	3
54/ 53		.2	.8	.5	1.3	.9	.3	.8	.3									47	47	105	1
52/ 51		.2	.5	.3	.4	.8	.6	.9	.2									37	37	131	8
50/ 49	.1	.2	1.0	1.3	.5	.5	.5	.5										44	44	118	25
48/ 47		.6	1.2	.9	.6	.5		.1										37	37	105	26
46/ 45	.3	.6	.8	.8	.3	.2												28	28	97	65
44/ 43		1.5	.6	.5	.3													28	28	82	62
42/ 41		.3	.3	.1	.2													9	9	63	71
40/ 39		.8	.3	.1														11	11	42	77
38/ 37	.1	.5	.3	.1														10	10	37	74
36/ 35		.2	.1															3	3	20	86
34/ 33	.1	.5																6	6	8	82
32/ 31		1.0																9	9	8	68
30/ 29		.5																5	5	9	67
28/ 27		.1																1	1	2	59
26/ 25																				1	41
24/ 23																					28
22/ 21																					29
20/ 19																					27
Element (X)	Σ X'	Σ X	X	σ <sub>x</sub>	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFLTAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

27036 BUCKLEY ANSB CO 69-70, 73-80 MAY  
 STATION STATION NAME YEARS MONTH

PAGE 2 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
18/17																					11
16/15																					10
14/13																					3
12/11																					7
<b>TOTAL</b>	0.0	7.4	6.5	5.9	8.0	7.0	0.0	11.4	14.7	8.8	7.0	5.6	4.0	2.4	1.3	.4		930	930	930	
<b>Element (X)</b>	$\Sigma x^2$	$\Sigma x$		$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	2194141	40407		43.4	21.726	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb	3510397	56197		60.4	11.106	930		1.5	29.9	11.4	2.4	93									
Wet Bulb	2136734	44202		47.5	6.213	930		2.0				93									
Dew Point	1195189	32385		34.8	8.521	930		35.0				93									

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23056 BUCKLEY ANGE CO

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400  
 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
88/ 87														.1				1	1	
86/ 85														.1	.1	.8	.2	12	12	
84/ 83											.1		.1	.1	.5	.9		16	16	
82/ 81												.2	.2	.9	.3	.6		21	21	
80/ 79											.1	.1	.6	.3	1.1	1.0		30	30	
78/ 77											.1	.5	1.0	1.6	1.5	1.2		55	55	
76/ 75									.1	.3	.6	1.0	1.8	1.7	1.4	.3		71	71	
74/ 73									.1	.1	.9	2.2	1.7	1.2	.9			65	65	
72/ 71							.2	.3	1.1	1.5	1.8	1.7	.6	.3				71	71	
70/ 69					.1	.1	.2	.5	1.1	1.5	1.8	1.1	1.0	.1				70	70	
68/ 67					.1	.2	.6	.9	1.5	1.9	1.7	.4	.2					71	71	
66/ 65				.1	.1	.1	1.1	1.0	1.1	1.1	.5	.2						49	49	
64/ 63					.2	.6	.8	2.2	.9	1.4	.3	.1						60	60	3
62/ 61					.5	.6	1.3	.6	.9	.9	.3	.2						49	49	7
60/ 59				.1		.3	.4	.6	.9	1.5	.7							38	38	17
58/ 57				.8	.3	.8	.5	.2	.9	.1								32	32	46
56/ 55			.2	.8	.2	.4	.4	.5	.3									27	27	73
54/ 53			.5	.5	1.0	.4	.2	.1	.3									31	31	145
52/ 51		.2	.2	.9	.5	.8	.2	.4	.2									32	32	137
50/ 49	.1	.3	.6	1.4	.4	.4	.2	.1										34	34	148
48/ 47		.6	1.0	.4	.2	.1	.2											24	24	85
46/ 45		.5	.1	.1	.2	.1												9	9	72
44/ 43		1.0	.5	.3	.1	.1												19	19	66
42/ 41		.4	.3	.3														10	10	52
40/ 39		.5	.1	.1														7	7	24
38/ 37		.2	.2															4	4	20
36/ 35		.3	.1	.1														5	5	11
34/ 33		.8																7	7	7
32/ 31		1.0	.1															10	10	11
30/ 29																				5
28/ 27																				1
26/ 25																				
24/ 23																				
22/ 21																				
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGS CO

69-70, 73-85

MAY

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
86/ 85															.1			9	9	
84/ 83															.1	.1	1.0	13	13	
82/ 81															.1	.6	.8	20	20	
80/ 79															.1	.6	.3	27	27	
78/ 77															.6	1.5	1.3	56	56	
76/ 75															.6	2.7	2.0	74	74	
74/ 73															.6	.5	1.4	68	68	
72/ 71															.9	1.8	1.6	75	75	
70/ 69															.1	.6	1.3	67	67	
68/ 67															.1	.7	2.5	52	52	
66/ 65					.1	.2	.1	1.3	1.1	1.1	.6	.8					49	49		
64/ 63					.1	.6	.9	.8	1.8	1.6	1.2	.6	.3				71	71	1	
62/ 61					.1	.2	1.1	1.2	.9	.6	.3	.9					50	50	2	
60/ 59			.1	.3	.4	.6	1.1	1.1	.2	.4							43	43	12	
58/ 57				.6	.5	.4	.6	1.4	.5	.4							43	43	49	
56/ 55			.2	.2	.4	.3	.4	.2	.8								24	24	80	
54/ 53			.6	.9	1.1	.6	.4	.3									37	37	147	
52/ 51		.2	.1	.6	.4	.3	.3	.1	.2								22	22	146	
50/ 49		.3	.4	.9	.2	.3	.1										21	21	138	
48/ 47		.6	.9	.6	.8	.1	.2										30	30	89	
46/ 45		.6	.9	.4	.2	.1											21	21	83	
44/ 43	.1	.9	.4	.1	.1												15	15	60	
42/ 41		.5	.5	.2													12	12	44	
40/ 39		.1	1.1														11	11	31	
38/ 37			.1	.1													2	2	14	
36/ 35		.1															1	1	15	
34/ 33		.9															8	8	5	
32/ 31		1.0															9	9	5	
30/ 29																			9	56
28/ 27																				54
26/ 25																				58
24/ 23																				32
22/ 21																				24
20/ 19																				22
Element (X)	Σx'	Σx	Σ	Σ	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 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27036 BUCKLEY ANGB CO 69-75, 73-80 MAY  
STATION STATION NAME YEARS MONTH

PAGE 7 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																
16/ 17																																				16	
16/ 15																																					15
14/ 13																																					2
12/ 11																																					3
11/ 9																																					3
8/ 7																																					1
TOTAL	.1	5.3	5.4	5.4	5.6	4.8	7.7	7.7	9.0	10.0	9.6	10.9	8.0	4.7	3.7	2.2																	930	930	930	930	
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel. Hum.	1759459	35167	37.8	21.506	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	4002953	60049	64.6	11.630	930		.9	46.1	26.7	5.7		93																									
Wet Bulb	2275358	45680	49.1	5.935	930		1.4					93																									
Dew Point	1158523	31873	34.3	8.440	930		38.4					93																									

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

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

24036 SUCKLEY ANGB CO  
 STATION STATION NAME

69-70, 73-80  
 YEARS

MAY  
 MONTH

PAGE 1 1800-2000  
 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/ 79													.1	.1	.5	.2		9	9		
78/ 77									.2	.3		.3	.1					9	9		
76/ 75									.1	.1	.2	.4	.3					11	11		
74/ 73								.1	.1	.5	.4	.5	.3					28	28		
72/ 71								.4	.3	1.4	1.3	.2	.1	.3				38	38		
70/ 69							.3	.2	1.1	1.0	.9	.9	.2	.2				44	44		
68/ 67							.4	1.0	1.3	.9	.9	.4	.4					49	49		
66/ 65						.8	.8	1.0	1.6	1.3	.6	.3						59	59		
64/ 63					.1	.9	1.2	1.6	1.2	1.6	.2	.3						79	79		
62/ 61			.1	.1	.6	1.5	1.4	1.8	2.8	.3	.4							95	95		
60/ 59		.1	.1	.5	1.3	1.5	1.9	1.6	1.1	.6								79	79	6	
58/ 57		.1	.2	1.2	1.4	1.5	1.6	.6	.2	.2								60	60	13	1
56/ 55			.5	1.1	1.1	1.2	1.3	1.3	.3	.1								66	66	40	2
54/ 53		.1	.9	.8	1.5	.6	.8	.2	.4									50	50	81	1
52/ 51		.1	1.1	.9	.9	1.6	.9	.3	.1									54	54	126	8
50/ 49	.1	.3	1.6	1.2	.9	.9	.2	.4										52	52	126	25
48/ 47	.1	.8	1.4	.5	.6	.2	.3											37	37	124	48
46/ 45		.6	1.1	1.2	.4	.1		.1										31	31	124	41
44/ 43	.2	.8	.6	.4	.1													20	20	76	76
42/ 41	.1	.9	1.2	.5	.3													28	28	77	91
40/ 39			1.2	.3	.1		.1											16	16	49	89
38/ 37		.1	.1															2	2	34	77
36/ 35			.1															1	1	17	79
34/ 33			1.3															12	12	6	85
32/ 31			.8															7	7	13	75
30/ 29	.2	.2																4	4	9	64
28/ 27																				2	53
26/ 25																					36
24/ 23																					12
22/ 21																					12
20/ 19																					18
18/ 17																					9
16/ 15																					3
14/ 13																					3
Element (X)	Σx'		Σx		Σ	Σ	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

23036 BUCKLEY ANGS CO

69-73, 73-87

MAY

STATION STATION NAME

YEARS

MONTH

PAGE 1 1800-2007  
 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	.5	.2		9	9		
78/77									.2	.3		.3	.1					9	9		
76/75									.1	.1	.2	.4	.3					11	11		
74/73								.1	.1	.5	.9	.5	.5	.3				28	28		
72/71								.4	.3	1.4	1.3	.2	.1	.3				38	38		
70/69							.3	.2	1.1	1.0	.9	.9	.2	.2				44	44		
68/67							.4	1.0	1.3	.9	.9	.4	.4					49	49		
66/65						.8	.8	1.0	1.6	1.3	.6	.3						59	59		
64/63					.5	.9	2.2	1.6	1.2	1.6	.2	.3						79	79		
62/61			.1	.1	.6	1.5	1.4	1.8	2.8	.3	.4							85	85		
60/59		.1	.1	.5	1.0	1.5	1.9	1.6	1.1	.6								79	79	6	
58/57		.1	.2	1.2	1.4	1.5	1.9	.6	.2	.2								60	60	13	1
56/55			.5	1.1	1.1	1.2	1.3	1.3	.3	.1								66	66	40	2
54/53		.1	.9	.8	1.5	.8	.8	.2	.4									50	50	81	1
52/51		.1	1.1	.9	.9	1.6	.9	.3	.1									54	54	126	8
50/49	.1	.3	1.6	1.2	.9	.9	.2	.4										52	52	126	25
48/47	.1	.8	1.4	.5	.6	.2	.3											37	37	124	48
46/45		.6	1.1	1.2	.4	.1	.1											31	31	124	41
44/43	.2	.8	.6	.4	.1													20	20	78	76
42/41	.1	.9	1.2	.5	.3													28	28	77	91
40/39			1.2	.3	.1		.1											16	16	49	89
38/37		.1	.1															2	2	34	77
36/35			.1															1	1	17	79
34/33		1.3																12	12	6	85
32/31		.8																7	7	13	75
30/29	.2	.2																4	4	9	64
28/27																				2	53
26/25																					36
24/23																					12
22/21																					12
20/19																					18
18/17																					9
16/15																					3
14/13																					5
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	Z <sub>3</sub>	Z <sub>4</sub>	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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27036 BUCKLEY ANSB CO

69-70, 73-80

MAY  
MONTH

PAGE 1 2100-2300  
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
72/ 71								.1		.2		.1						4	4		
73/ 69								.1				.1						3	3		
68/ 67								.2	.5	.3		.1						11	11		
66/ 65								.1	.5	.3	.4	.2						15	16		
64/ 63							1.1	.9	.8	.2								27	27		
62/ 61				.4	.6	.3	1.2	.3	1.7	.3								50	50		
61/ 59				.3	.6	1.4	1.8	1.2	.8	.3	.2							62	62		
58/ 57				.8	1.7	1.9	1.7	1.6	.1	.1								76	76		1
56/ 55		.4	1.1	1.1	1.8	2.5	1.4	1.3	.1	.1								91	91	5	
54/ 53		.2	1.5	1.9	2.4	1.4	.5	.3	.3	.1								82	82	25	2
52/ 51		.6	2.8	2.2	1.3	1.2	1.2	.4	.2									92	92	58	7
50/ 49		1.1	1.6	2.7	1.7	1.5	.6	.8										93	93	94	21
48/ 47	.5	1.3	2.6	1.4	1.8	.6	.2	.1										80	80	140	33
46/ 45	.1	1.5	3.0	1.9	1.4	.8	.2	.1										84	84	146	62
44/ 43	.2	1.0	1.0	2.0	.3	.4	.1											47	47	117	72
42/ 41	.1	1.5	.9	.3	.1	.2												29	29	100	73
40/ 39	.1	.3	1.8	.3	.2	.1												27	27	84	112
38/ 37		.1	1.4	.1		.1												16	16	63	78
36/ 35		.4	.2	.2														8	8	36	75
34/ 33		1.4	.2		.1													16	16	22	83
32/ 31		.8																7	7	24	97
30/ 29	.1	.8																8	8	7	62
28/ 27	.1																	1	1	7	49
26/ 25																				1	40
24/ 23																					6
22/ 21																					14
20/ 19																					14
18/ 17																					16
16/ 15																					3
14/ 13																					3
12/ 11																					5
10/ 9																					5
TOTAL	1.3	11.4	13.1	15.7	14.2	12.5	10.3	8.7	4.8	2.2	.6	.2						930	930	930	930
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	3565918	54604	58.7	19.683	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2511125	47765	51.4	7.895	930		1.6	1.8				93									
Wet Bulb	1613665	40741	43.8	5.580	930		3.9					93									
Dew Point	1246445	33249	35.8	7.884	930		31.2					93									

USAFETAC FORM 0-26-5 (OLA) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFLTAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
STATION

BUCKLEY ANG CO  
STATION NAME

69-70, 73-87  
YEARS

MAY  
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																	
87/87																																		1	1				
85/85																																			22	22			
83/83																																			32	32			
81/81																																			54	54			
79/79																																			80	80			
77/77																																			136	136			
75/75																																			185	185			
73/73																																			203	203			
71/71																																			249	249			
69/69																																			274	274			
67/67																																			250	250			
65/65																																			275	275			
63/63																																			348	348	4		
61/61																																			378	378	10		
59/59																																			372	372	49		
57/57																																			374	374	139	5	
55/55																																			405	405	234	5	
53/53																																			464	464	533	17	
51/51																																			491	491	703	47	
49/49																																			523	523	826	145	
47/47																																			483	483	799	251	
45/45																																			486	486	653	388	
43/43																																			384	384	801	534	
41/41																																			291	291	693	592	
39/39																																			203	203	547	695	
37/37																																			120	120	423	642	
35/35																																			86	86	260	672	
33/33																																			124	124	188	612	
31/31																																			81	81	146	716	
29/29																																			45	45	125	515	
27/27																																			14	14	37	485	
25/25																																			3	3	13	343	
23/23																																						1	157
21/21																																			2	2		173	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 4 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

20036 HUCKLEY ANGR CO  
STATION STATION NAME

69-70, 73-80  
YEARS

MAY  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°)																				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			
20/ 19		.0																2	2	2	172			
19/ 17																					96			
16/ 15																					58			
14/ 13																					26			
12/ 11																					39			
10/ 9																					16			
8/ 7																					8			
TOTAL	1.4	16.9	13.5	12.0	10.4	9.0	9.5	7.6	6.9	5.5	4.4	3.7	2.7	1.9	1.1	.6	.0	7440	7440	7440	7440			
																			7440		7440			

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	24064553	386689	52.0	23.092	7440							
Dry Bulb	23894355	412161	55.4	11.945	7440		14.7	148.6	71.3	15.2		744
Wet Bulb	15542540	336413	45.2	6.673	7440		32.8					744
Dew Point	9555079	259637	34.9	8.159	7440		279.4					744

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

20036 HUCKLEY ANGR CO 69-70, 73-80 HAY  
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°)																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	
20/ 19		.0																2	2	2	172	
19/ 17																					96	
15/ 15																					58	
14/ 13																					26	
12/ 11																					39	
10/ 9																					16	
8/ 7																					8	
TOTAL	1.4	10.9	13.5	12.0	10.4	9.0	9.5	7.6	6.9	5.5	4.4	3.7	2.7	1.9	1.1	.6	.0			7440		7440
																		7440			7440	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel Hum.	24054553	386689	52.0	23.392	7440							
Dry Bulb	23894355	412161	55.4	11.945	7440		14.7	148.6	71.3	15.2		744
Wet Bulb	15542540	336413	45.2	6.673	7440		32.3					744
Dew Point	9555079	259637	34.9	8.159	7440		279.4					744

USAFETAC FORM JUL 64 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2336 BUCKLEY ANSB CO

69-70,73-80

JUN

STATION STATION NAME

YEARS

MONTH

PAGE 1 0300-0500  
 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								.1		.2	.1							4	4		
70/ 69								.1	.2	.2								7	7		
68/ 67							.2	.4	.6	.1								12	12		
66/ 65						.2	.7	.7	.3									19	19		
64/ 63				.2	.1	.3	.8	1.3	.8	.2								34	34		
62/ 61			.2	.9	1.6	2.0	.9	2.1	.3		.1							72	72		
60/ 59		.4	.7	1.0	2.3	2.4	1.7	1.1	.6	.2								94	94		
58/ 57		.9	.7	1.9	2.4	1.6	1.4	.6	.2	.1								88	88	8	3
56/ 55		.7	3.0	2.1	2.8	1.4	.7	.2	.2									100	100	33	3
54/ 53		1.4	2.7	3.0	3.0	2.6	.7	.2										122	122	70	17
52/ 51	.3	1.8	2.3	2.6	1.1	1.0	1.0	.6										96	96	130	36
50/ 49	.1	1.0	1.6	1.7	1.3	.8	.9											65	65	127	45
48/ 47	.8	1.2	2.4	1.1	.9	.2	.1											61	61	144	62
46/ 45		.6	1.8	1.8	.1	.4	.1											43	43	118	76
44/ 43	.2	.7	1.7	.3	.4	.1												31	31	77	90
42/ 41		1.1	1.2	.2	.3	.1												27	27	71	95
40/ 39		.7	.4	.3														13	13	67	93
38/ 37		.6	.6		.2													12	12	26	81
36/ 35																				18	71
34/ 33																				6	73
32/ 31																				1	44
30/ 29																				2	28
28/ 27																					13
26/ 25																					17
24/ 23																					13
22/ 21																					7
20/ 19																					10
18/ 17																					2
16/ 15																					1
TOTAL	1.4	11.0	19.2	17.0	16.7	13.2	9.0	7.7	2.6	1.9	.3							900	900	900	
																		900		900	
Element (X)	Σx'	Σx	X	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3716282	55500	61.7	18.077	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2864953	48609	54.3	6.635	900			2.3				90									
Wet Bulb	202798	42204	46.9	5.126	900			.3				90									
Dew Point	1485110	35934	39.9	7.479	900		13.5					90									

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23136 BUCKLEY ANGR CO STATION NAME

69-70, 73-80 YEARS

JUN MONTH

PAGE 1 9600-9800 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
86/ 85																.1		1	1	
84/ 83																		1	1	
82/ 81															.2	.2		4	4	
80/ 79															.1	.2		8	8	
76/ 77															.2	.6		11	11	
76/ 75											.6	.8	1.0	.4		.2		27	27	
74/ 73					.1					.4	1.2	.7	1.2		.1			34	34	
72/ 71								.2		.4	.9	1.1	.4	.6	.1			35	35	
70/ 69				.1		.6	1.6	1.3	1.4	.9				.2	.1			56	56	
68/ 67					.2	.9	1.8	1.7	1.8	.4	.2	.1						64	64	
66/ 65				.1	.5	1.8	1.9	2.0	.8	.1	.4	.2						71	71	1
64/ 63			.2	.6	1.6	1.7	2.2	2.2	.9	.6								87	87	2
62/ 61		.2	.6	2.3	1.8	1.6	.9	1.2	.4	.1								82	82	7
60/ 59		.1	1.4	2.0	1.4	2.0	2.0	.3	.2									90	90	38
58/ 57		.3	1.4	1.3	1.8	1.9	1.1	.6	.1									77	77	71
56/ 55		.6	1.8	1.4	1.3	.6	.3	.3	.2									59	59	137
54/ 53		.3	.2	.9	1.1	.9	.4	.1										36	36	143
52/ 51	.2	.7	.7	1.3	1.3	.3	.2	.1	.1									45	45	116
50/ 49		.3	1.0	1.0	.4	.1		.2										28	28	101
48/ 47	.4	.7	.6	1.3	.3	.2												29	29	89
46/ 45		.6	1.3	.4	.1													22	22	69
44/ 43		.4	.6	.1	.1	.1												12	12	51
42/ 41		1.1	.2															12	12	39
40/ 39		.8	.1															8	8	17
38/ 37		.1																1	1	16
36/ 35																				2
34/ 33																				1
32/ 31																				
30/ 29																				
28/ 27																				
26/ 25																				
24/ 23																				
22/ 21																				
20/ 19																				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

4624  
 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUN 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70,73-80  
 YEARS

JUN  
 MONTH

PAGE 2 0600-0800  
 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																	
18 / 17																																					1
16 / 15																																					1
14 / 13																																				1	
TOTAL	.7	6.2	10.1	12.7	12.2	12.6	12.8	11.2	8.7	4.9	3.8	2.3	.8	.8	.3																				900	900	
																																				900	900
Element (X)	Σ X <sup>2</sup>	Σ X	Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature						Total																								
Rel. Hum.	2871949	47915	53.2	18.896	900		≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 86 F	≥ 93 F	90																								
Dry Bulb	3418299	54911	61.0	8.701	900				24.1	8.6	1.2		90																								
Wet Bulb	2354738	45778	50.9	5.405	900								90																								
Dew Point	1641890	37836	42.0	7.551	900			8.0					90																								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
 STATION STATION NAME

69-70, 73-80  
 YEARS

JUN  
 MONTH

PAGE 1 0900-1100  
 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
92/ 91														.1	.2	.3		6	6		
90/ 89															.3		.3	6	6		
88/ 87											.1	.1	.6	.3	.9	.3	21	21			
86/ 85											.2	.3	1.0	1.3	1.2	.6	42	42			
84/ 83										.1	.8	.8	1.8	1.3	1.0	.1	53	53			
82/ 81								.1	.3	.8	1.2	1.8	1.6	.9	.2		62	62			
80/ 79							.1	.1	1.0	1.2	1.4	1.6	.8	.3	.1		60	60			
78/ 77							.2	.8	.7	1.6	1.7	.8	.6	.4			60	60			
76/ 75						.1	.7	1.1	1.2	2.1	1.4	.8	.3	.1			71	71			
74/ 73						.7	1.1	1.2	1.3	1.4	1.1	.7	.2				70	70			
72/ 71				.1	.6	.6	1.8	1.4	1.6	.9	.1	.2					65	65			
70/ 69				.7	1.1	.8	.6	1.4	.4	.2	.2						49	49			
68/ 67			.2	.9	.9	.9	.9	1.2	.8	.4	.2						57	57			
66/ 65			.4	.9	1.2	1.0	.8	1.1	.2	.2							53	53		7	
64/ 63			.1	.2	1.0	.6	.9	1.4	.8	1.1	.1						56	56		18	
62/ 61			.2	1.1	.7	.4	.6	1.3									39	39		73	
60/ 59			.3	.2	.6	.3	.4	.6	.4	.2	.1						29	29		114	
58/ 57			.2	.1	.6	.1	.1		.1								11	11		143	
56/ 55			.1	.1	.6	.1	.2	.1		.1							12	12		160	
54/ 53		.2	.2	.3	.2	.4											13	13		95	
52/ 51	.1	.2	.9	.3	.3												15	15		90	
50/ 49		.6	.2	.1	.3												11	11		60	
48/ 47	.1	.2	.7	.7													15	15		46	
46/ 45		.1	.3														4	4		42	
44/ 43		.4	.3														7	7		25	
42/ 41		.4	.3														7	7		10	
40/ 39		.7															6	6		9	
38/ 37																				8	
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	X <sub>a</sub>	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																					

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21030 PUCKLEY ANGR CO  
 STATION STATION NAME

69-73, 73-80

YEARS

JUN MONTH

PAGE 2 0900-1100 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
14/ 23																					
12/ 21																					
10/ 19																					
12/ 17																					
14/ 13																					
12/ 11																					
14/ 9																					
TOTAL	2.7	2.7	3.6	3.1	6.1	6.0	6.3	9.1	10.2	10.1	9.4	8.6	7.2	6.9	5.7	3.9	1.3		910	900	900

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	1585595	31681	37.4	18.971	900							
Dry Bulb	4657964	6458	71.7	17.727	900			6.2	45.1	21.1		90
Wet Bulb	2656423	48223	54.4	5.497	900							21
Dew Point	1556119	36571	40.6	8.442	900		15					21



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2036 HUCKLEY ANGR CO

69-73, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100  
 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
24/ 23																					13
22/ 21																					11
20/ 19																					5
18/ 17																					1
14/ 13																					1
14/ 11																					1
14/ 9																					1
TOTAL	0.2	2.7	3.6	3.1	6.1	6.0	6.3	9.1	10.2	10.1	9.4	8.6	7.2	6.9	5.3	3.8	1.3		900	900	900

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1585595	33681	37.4	18.871	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 89 F	Total
Dry Bulb	4657964	64758	71.9	17.727	900			57.2	45.1	21.6		90
Wet Bulb	2656493	48923	54.4	5.490	900							91
Dew Point	1556189	36571	40.6	8.442	900		15.					91

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 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 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
100/ 99																	.1	1	1	
96/ 95																	.3	3	3	
94/ 93																.1	.6	6	6	
92/ 91																.2	3.3	34	34	
90/ 89													.1	.4	.8	.7	3.4	49	49	
88/ 87												.4	1.3	1.7	1.8	2.8	6.9	69	69	
86/ 85											.4	1.1	2.3	.4	.7	1.2	5.9	59	59	
84/ 83											.3	.4	1.4	2.2	1.9	.7	.3	6.6	66	
82/ 81									.4	.9	1.2	2.7	1.1	.9	.2			6.7	67	
80/ 79								.1	.8	1.8	1.6	.9	.7	.3	.1			5.5	55	
78/ 77								1.1	2.3	2.1	1.6	1.4	.4					6.1	81	
76/ 75							.2	.5	.6	2.0	1.6	1.3	1.7	.1				7.4	74	
74/ 73						.1	.4	.8	.9	1.3	.7	.9	.7	.2				5.3	53	
72/ 71					.1	.3	.3	1.3	.9	1.2	.9	.9	.4					5.0	50	
70/ 69					.2	.4	.3	.9	1.2	.7	.9	.5	.5					4.2	42	
68/ 67					.1	.1	.4	.6	.2	.2	.6	.3						2.2	22	
66/ 65				.2	.4	.2	.1	.1	.6	.8	.2							2.4	24	10
64/ 63				.2	.4	.7	.2	.7	.2	.2	.2							2.4	24	39
62/ 61			.2	.2	.3	1.0	.2	.4	.4		.2							2.5	25	88
60/ 59			.9	.3	.2	.2	.1	.3										1.6	16	149
58/ 57		.1	.1	.3	.2		.2											9	9	202
56/ 55		.1	.3	.3		.2	.2											1.1	11	104
54/ 53		.7	.1	.7	.6													1.8	18	117
52/ 51		.6	.1	.6														1.1	11	66
50/ 49			.2	.3														5	5	41
48/ 47		.3	.6	.1														9	9	32
46/ 45		.2	.7															8	8	30
44/ 43			.2															2	2	12
42/ 41		.2	.1															3	3	6
40/ 39	.1	.1																2	2	5
38/ 37	.1																	1	1	2
36/ 35																				5.3
34/ 33		.1																1	1	6.4
32/ 31																				6.9
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\approx 67 F$	$\approx 73 F$	$\approx 80 F$	$\approx 93 F$	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

4621

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036      BUCKLEY ANGB CO      69-70,73-80      JUN  
 STATION      STATION NAME      YEARS      MONTH  
 PAGE 2      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		
30/ 29																						42	
28/ 27																						32	
26/ 25																						18	
24/ 23																						10	
22/ 21																						17	
20/ 19																						9	
18/ 17																						5	
16/ 15																						3	
14/ 13																						3	
TOTAL	.2	2.4	2.7	3.9	2.4	3.3	2.7	5.4	6.1	9.8	9.8	8.8	10.8	8.9	6.6	4.1	12.1			900		900	
																		900				900	

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1252998	78708	31.9	19.369	900							
Dry Bulb	5295961	68281	75.9	11.341	900			73.1	61.7	38.4	1.0	90
Wet Bulb	2820950	50182	55.7	5.740	900		.1					90
Dew Point	1477162	35616	39.6	8.806	900		20.8					90

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
 STATION STATION NAME

69-70,73-80  
 YEARS

JUN  
 MONTH

PAGE 1 1800-2000  
 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			
92/ 91																	.3	3	3					
90/ 89																	.1	2	2					
88/ 87													.1	.1	.1	.7	.4	13	13					
86/ 85													.1	.2	.3	.3	1.2	.2	22	22				
84/ 83												.1	.2	.3	1.1	.1	.6	.7	24	24				
82/ 81												.6	.6	1.0	.6	.8	1.1	.2	43	43				
80/ 79										.1		.7	.9	1.9	.9	1.0	.2	.1	52	52				
78/ 77							.1			.3	1.0	1.7	1.7	1.4	.6	.2			63	63				
76/ 75						.1			.4	1.1	1.1	2.1	1.4	.4	.6	.1			67	67				
74/ 73										.4	1.6	1.8	1.7	.7	.2				66	66				
72/ 71					.1	.3	1.1	1.3	2.2	2.1	1.1	.4	.4						83	83				
70/ 69					.2	.9	.7	3.1	2.4	1.4	1.1	.7	.2						88	88				
68/ 67				.1	.4	1.0	2.0	1.2	.9	.8	.2	.1							62	62	1			
66/ 65				.2	1.1	1.0	1.6	.9	.8	.7	.2	.1							59	59	5			
64/ 63			.3	.4	1.0	.8	1.1	.6	.5	.7	.2								53	53	13			
62/ 61			.4	.4	1.1	.9	1.1	.9	.6	.6	.6								42	42	40			
60/ 59			.1	1.2	.3	.9	.1	.3	.1										28	28	97			
58/ 57		.1	.2	.4	.6	.2	.4	.3	.1										14	14	141			
56/ 55			.7	.2	.3	.2	.4	.3	.1										21	21	174			
54/ 53		.6	.6	.3	.6	.2	.1	.1											19	19	118			
52/ 51	.2	1.2	.7	.6	.3	.1		.2											30	30	95			
50/ 49	.1	.1	.9	.3	.1														14	14	78			
48/ 47		.1	.6	.3															9	9	54			
46/ 45		.6	.6	.3															10	10	28			
44/ 43		.4																	4	4	29			
42/ 41		.3	.1																4	4	14			
40/ 39		.3																	3	3	8			
38/ 37		.1																	1	1	3			
36/ 35	.1																		1	1	2			
34/ 33																								
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
Element (X)	Σx'	Σx	X	σ <sub>x</sub>	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 44 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4428

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
STATION

MUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
YEARS

JUN  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)											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
24/ 23																					10
22/ 21																					11
20/ 19																					11
18/ 17																					3
16/ 15																					2
TOTAL	0.4	3.9	4.7	4.2	5.6	7.2	7.9	9.6	11.0	11.4	10.0	8.6	5.7	3.8	2.6	2.2	1.3	900	900	900	900
																		900		900	

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.	1866563	36751	40.8	20.173	900							
Dry Bulb	4403048	62290	69.2	10.110	900			54.8	35.5	13.7		90
Wet Bulb	2635296	48470	53.9	5.173	900			.1				90
Dew Point	1594141	37103	41.2	8.474	900	14.0						91

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BICKLEY ANGB CO

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300  
 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
83/ 79																		4	4	
78/ 77																		5	5	
76/ 75																		21	21	
74/ 73																		27	27	
72/ 71																		35	35	
71/ 70																		63	63	
68/ 67					.1	.3	.9	2.1	1.9	2.6	.6	.2						78	78	
66/ 65				.2	.7	1.2	3.0	1.6	1.3	.3	.7	.2	.1					84	84	
64/ 63			.3	1.4	1.1	2.4	2.4	1.7	.9	.2	.2							97	97	
62/ 61			.6	1.7	2.3	2.3	3.0	1.3	.3	.1	.1							108	108	
60/ 59		.1	.7	1.4	1.9	1.9	1.4	.9	1.1	.3								68	68	28
58/ 57		.9	1.4	1.3	1.7	.9	.6	.8										62	62	64
56/ 55		.4	1.4	1.1	1.0	.6	.8	.2										50	50	125
54/ 53		.1	.6	.4	.8	.6	.8											29	29	156
52/ 51		.9	.6	1.2	.4	.1		.1	.1									31	31	143
50/ 49	.7	1.1	1.6	.6	.4		.3	.2										44	44	123
48/ 47		.9	1.7			.1	.1											25	25	96
46/ 45		.6	.7	.6	.1													17	17	74
44/ 43		1.2	.8															18	18	67
42/ 41		.3	.4	.1														8	8	34
40/ 39		.2	.1															3	3	12
38/ 37		.2																2	2	11
36/ 35	.1																	1	1	8
34/ 33																				39
32/ 31																				27
30/ 29																				11
28/ 27																				11
26/ 25																				14
24/ 23																				13
22/ 21																				11
20/ 19																				7
18/ 18																				1
14/ 13																				2
12/ 11																				3
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4625

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
STATION STATION NAME

69-70,73-80  
YEARS

JUN  
MONTH

PAGE 2 2100-2300  
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					
TOTAL	.0	6.1	10.2	10.3	10.4	11.3	15.9	11.9	10.9	5.2	4.3	1.1	1.0	.4	.1			900	900	900	900					
Element (X)	Σx'		Σx		̄x	σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature							Total									
Rel. Hum.	2809176		47174		52.4	19.348		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	342353		54941		61.0	8.063		900				21.3	5.7	.1		90										
Wet Bulb	2336126		45422		50.7	5.112		900								90										
Dew Point	1611199		37421		41.6	7.841		900			10.0					90										

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

## PSYCHROMETRIC SUMMARY

23036 HUCKLEY ANGB CO  
STATION STATION NAME

69-70, 73-80  
YEARS

JUN  
MONTH

PAGE 2 2100-2300  
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														
TOTAL	.0	6.1	10.2	10.3	10.4	11.3	15.9	11.8	10.9	5.2	4.3	1.1	1.0	.4	.1			900	900	900	900														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_n^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2609176	47174	52.4	19.348	900							
Dry Bulb	3412353	54941	61.0	8.063	900			23.3	5.7	.1		90
Wet Bulb	2336126	45622	50.7	5.112	900							47
Dew Point	1611199	37421	41.6	7.841	900		10.0					90

USAFETAC FORM AIR 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
STATION STATION NAME

69-70.73-80  
YEARS

JUL  
MONTH

PAGE 1 0600-0800  
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														
86/ 85														.2	.1			3	3																
84/ 83														.1	.2			3	3																
82/ 81										.1	.2	.4	.5	.4	.1			17	17																
80/ 79										.1	.5	.4	.9	.4	.1			23	23																
78/ 77										.2	.8	1.3	1.0	1.1	.1	.1		42	42																
76/ 75										.7	1.3	1.5	1.4	1.5	.3	.1		50	50																
74/ 73								.1	.4	1.4	3.1	1.6	.6		.1			69	69																
72/ 71						.1	.8	1.9	2.0	2.3	1.2	.6	.1					83	83																
70/ 69					1.0	2.8	2.7	2.8	1.0	.5	.2							102	102																
68/ 67			.1	.3	1.4	1.3	3.4	1.3	1.0	.3								85	85																
66/ 65		.1	.8	1.6	1.8	4.4	2.8	1.9	.1		.2							128	128																
64/ 63		.4	1.2	2.6	3.8	2.3	1.9	.8										118	118	16															
62/ 61		.6	2.3	2.5	2.4	1.4	1.0											94	94	71	5														
60/ 59	.2	.5	.8	1.4	1.5	.2	.1	.1										45	45	155	13														
58/ 57	.2	.8	.5	1.2	1.2													36	56	224	39														
56/ 55		.8	.8	.4	.2													13	13	211	77														
54/ 53	.1	.8	.1															9	9	123	77														
52/ 51		.4	.1															5	5	87	108														
50/ 49			.5															5	5	34	143														
48/ 47																				6	127														
46/ 45																				3	103														
44/ 43																					51														
42/ 41																					59														
40/ 39																					49														
38/ 37																					25														
36/ 35																					12														
34/ 33																					3														
32/ 31																					3														
30/ 27																					2														
28/ 25																					2														
24/ 23																					1														
22/ 21																					1														
TOTAL	.5	3.7	7.1	10.0	13.3	13.1	14.5	10.6	9.8	7.0	4.8	2.6	1.3	1.2	.2			930	930	930	930														
Element (X)	Σx'	Σx	Σx <sup>2</sup>	Σx <sup>3</sup>	Σx <sup>4</sup>	No. Obs.	Mean No. of Hours with Temperature					Total																							
Rel. Hum.	2866920	49048	52717.365	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	4276985	52737	67.5	6.463	930		47.7	20.7	3.3		93																								
Wet Bulb	2957604	52358	56.3	3.265	930						93																								
Dew Point	2181298	44708	48.1	5.873	930		.9				93																								

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4432

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 SUCKLEY ANGB CO  
 STATION STATION NAME

69-70,73-80 YEARS

JUL  
 MONTH

PAGE 1 0000-0200  
 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/ 77												.1	.1								2	2		
76/ 75													.1	.1	.1						3	3		
74/ 73								.1	.3	.3	.3	.5								15	15			
72/ 71							.5	.2	1.4	.9	1.5	1.1	.1							53	53			
70/ 69					.3	1.0	1.3	2.6	1.7	.5	.4				.1					74	74			
68/ 67					1.5	2.0	2.8	3.7	1.3	.5	.2									112	112			
66/ 65			.8	1.8	3.1	3.3	3.3	2.5	.5	.2	.1									146	146			
64/ 63			1.7	2.5	5.4	3.7	3.5	1.7		.1										173	173			
62/ 61		.1	2.4	4.6	5.3	2.4	1.0	.5		.1	.1									153	153	21	3	
60/ 59		1.2	2.5	2.7	2.8	1.6				.1										101	101	73	10	
58/ 57		.5	1.9	.4	.6	.1														34	34	168	26	
56/ 55		.6	1.2	1.2		.2														30	30	228	56	
54/ 53		.5	1.0	.2																16	16	219	99	
52/ 51		.9	.4		.1															13	13	137	121	
50/ 49			.5																	5	5	59	146	
48/ 47																						14	90	
46/ 45																						6	113	
44/ 43																						3	97	
42/ 41																							65	
40/ 39																							34	
38/ 37																							25	
36/ 35																							22	
34/ 33																							9	
32/ 31																							5	
30/ 29																							2	
28/ 27																							3	
26/ 25																							1	
24/ 19																							3	
TOTAL		3.9	12.4	13.4	19.1	14.8	12.3	12.7	4.8	3.4	2.7	.3	.1								930	930	930	930
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	3343716	53684	57.7	16.234	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93												
Dry Bulb	3914692	59402	63.9	4.698	930			25.9	2.0			93												
Wet Bulb	2790212	50858	54.7	3.111	930							93												
Dew Point	2137510	44232	47.6	6.030	930		1.4					93												

USAFETAC FORM 0-26-5 (OLA) JUL 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4631

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 HUCKLEY ANGR CO 69-70,73-80 JUL  
 STATION 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
96/ 95																.2	2	2	
94/ 93																.2	7	7	
92/ 91														.1	.1	1.2	13	13	
90/ 89														.4	.9	2.0	44	44	
88/ 87														.1	.3	1.9	49	49	
86/ 85														.4	.1	.9	101	101	
84/ 83														.8	.9	2.0	86	86	
82/ 81														.3	2.5	3.0	113	113	
80/ 79														1.3	2.5	5.3	82	82	
78/ 77														.4	1.5	1.9	104	104	
76/ 75														.5	1.4	2.0	75	75	
74/ 73					.1	.3	.9	1.2	1.2	.6	.2			.9	1.2	.6	58	58	
72/ 71				.1	.4	1.4	2.8	1.3	.6	.4	.1						67	67	
70/ 69				.1	.5	1.2	1.6	.5	.1								38	38	
68/ 67			.1	.4	1.5	.5	1.1	.1									35	35	7
66/ 65			.2	.3	1.3	.2	.3										22	22	30
64/ 63			.1	.5	.2	.6	.3										17	17	115
62/ 61			.1	.3	.3	.2											9	9	220
60/ 59				.1	.1												2	2	291
58/ 57			.2														2	2	176
56/ 55			.1		.1												2	2	64
54/ 53			.1														1	1	16
52/ 51			.1														1	1	8
50/ 49																			2
48/ 47																			1
46/ 45																			108
44/ 43																			129
42/ 41																			80
40/ 39																			65
38/ 37																			48
36/ 35																			36
34/ 33																			26
32/ 31																			10
30/ 29																			11
Element (X)	Σx'		Σx		X̄		σ <sub>x</sub>		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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANG8 CO  
STATION STATION NAME

69-70, 73-80  
YEARS

JUL  
MONTH

PAGE 2 0900-1100  
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
28/ 27																					8
26/ 25																					6
TOTAL			1.1	1.9	4.6	5.3	8.0	7.2	8.5	11.5	10.2	11.1	8.8	7.5	5.5	4.7	4.1	930	930	930	930
																		930		930	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1398245	33163	35.7	15.237	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5804032	73162	78.7	7.223	930			37.4	73.4	46.1	.9	93									
Wet Bulb	3339648	55672	59.9	2.743	930			.7				93									
Dew Point	2085530	43556	46.8	7.307	930		3.6					93									

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 USAFETAC FORM 0-26-5 (OLA) JUL 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21336 GUCKLEY ANGB CO

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400  
 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
130/ 99																	.2	2	2	
98/ 97																	.6	6	6	
96/ 95																	1.9	18	18	
94/ 93																.2	1.3	4.0	51	51
92/ 91																1.1	2.2	4.4	71	71
90/ 89																3.3	3.5	3.5	118	118
88/ 87											.3	.9	1.3	3.7	3.4	1.8	1.7	122	122	
86/ 85											1.0	2.4	3.4	4.4	1.7	1.4		133	133	
84/ 83									.1	.3	2.5	2.7	3.1	1.2	.4	.2		98	98	
82/ 81								.2	.9	2.0	4.0	2.0	1.5	.2				101	101	
80/ 79							.1	.9	.6	1.8	1.5	.9	.3					55	55	
78/ 77							.1	.8	1.0	1.5	1.5	.2	.1					48	48	
76/ 75						.2	.2	.6	.8	.8	.2							26	26	
74/ 73						.2	.4	.5	.2	.1								14	14	
72/ 71					.1	.9	1.2	.1	.1									22	22	
70/ 69				.3	.8	.6	.4	.1										21	21	
68/ 67				.3	.1	.4												8	8	14
66/ 65		.1	.1	.1	.3													6	6	59
64/ 63				.2	.1													3	3	174
62/ 61				.1	.2		.1											4	4	271
60/ 59				.1	.1													2	2	236
58/ 57				.1														1	1	130
56/ 55																				42
54/ 53																				1
52/ 51																				1
50/ 49																				2
48/ 47																				
46/ 45																				
44/ 43																				
42/ 41																				
40/ 39																				
38/ 37																				
36/ 35																				
34/ 33																				
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2036 BUCKLEY ANGB CO 69-70, 73-80 JUL  
 STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400  
 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
32/ 31																					48
30/ 29																					32
28/ 27																					14
TOTAL			.1	.9	1.0	2.6	3.2	3.5	3.0	6.6	10.8	9.2	10.0	11.3	10.2	10.4	16.5		930	930	930

Element (X)	ΣX <sup>2</sup>	ΣX	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	544999	75311	27.2	12.964	930						
Dry Bulb	6663981	78477	84.4	6.707	930			91.4	86.3	75.8	7.7
Wet Bulb	3446584	56562	50.3	2.649	930			1.4			93
Dew Point	1890663	41305	44.4	7.774	930		9.5				93

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4634

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGR CO

65-70, 73-80

JUL

STATION

STATION NAME

YEARS

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
100/ 99																	.2	2	2		
98/ 97																	.9	8	8		
96/ 95																	1.2	11	11		
94/ 93																.3	3.7	38	38		
92/ 91															.2	1.1	1.7	5.3	77	77	
90/ 89													.2	.9	3.1	1.7	2.4	77	77		
88/ 87												.2	1.4	3.1	2.6	3.2	1.1	108	108		
86/ 85									.3	.6	2.8	3.8	4.0	1.6	.9			130	130		
84/ 83								.2	.9	1.6	2.8	1.0	2.2	.6				84	84		
82/ 81								1.0	.6	2.3	2.0	1.7	.5					76	76		
80/ 79							.1	.1	1.5	1.0	1.6	1.8	.3					60	60		
78/ 77							.1	1.0	1.6	1.7	.6	.4						51	51		
76/ 75					.1	.1	.6	.9	1.1	.9	.2	.3						39	39		
74/ 73					.1	.3	.8	1.1	.9	.5	.3							37	37		
72/ 71					.6	.6	1.0	.8	.6	.1								34	34		
70/ 69				.4	.5	1.1	1.2	.3	.1									34	34		
68/ 67			.1	.3	.8	.6	.4											22	22		9
66/ 65			.3	.4	.5	.2												14	14		40
64/ 63		.1	.1	.9	.3	.2												15	15	154	2
62/ 61		.5	.1	.1	.5													12	12	248	4
60/ 59			.1															1	1	239	17
58/ 57																				199	35
56/ 55																				31	59
54/ 53																				6	63
52/ 51																				4	64
50/ 49																					101
48/ 47																					84
46/ 45																					60
44/ 43																					85
42/ 41																					64
40/ 39																					56
38/ 37																					42
36/ 35																					45
34/ 33																					36
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	e <sub>x</sub>	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																					

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

USAFETAC FORM 44



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 HUCKLEY ANGB CO 69-70, 73-80  
 STATION STATION NAME YEARS

JUL  
 MONTH

PAGE 2 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																													
32/ 31																																																	
30/ 29																																																	
29/ 27																																																	
TOTAL		.1	1.2	2.2	3.0	3.9	4.2	4.1	7.0	5.8	7.3	10.4	8.4	10.9	9.4	7.6	14.6																						930	930			930						

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1112655	28361	30.5	16.330	930	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	6374934	76638	82.4	7.999	930			88.8	79.8	64.2	5.9	93
Wet Bulb	3398619	56167	60.4	2.632	930			.9				93
Dew Point	1937206	41774	44.9	8.089	930		9.7					93

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 USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

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										
44/ 93																	.2	2	2												
42/ 91																	1.0	9	9												
90/ 89																	1.1	17	17												
87/ 87															.1	.2	.4	.6	1.3	.5	31	31									
86/ 85																.1	.2	1.6	1.2	1.4	.3	.2	47	47							
84/ 83																.2	.3	1.5	1.2	1.5	1.3	.3	56	56							
82/ 81																	.2	1.0	2.0	1.9	1.8	1.1	.2	77	77						
80/ 79																	.5	.6	2.2	2.0	1.7	1.0	.4	.1	80	80					
78/ 77																	.1	.8	1.3	3.3	2.5	1.6	.5	.1	95	95					
76/ 75																	.1	.6	1.7	1.8	2.7	1.2	.3	.1	.1	81	81				
74/ 73																		.3	2.0	1.9	2.6	1.3	1.3	.1		89	89				
72/ 71																		.1	2.2	2.5	1.5	.9	.1			84	84				
70/ 69																		.1	1.2	1.7	2.5	1.5	.6	.1		72	72				
68/ 67																		.1	1.0	1.2	.9	1.2	.6	.1		49	49				
66/ 65																		.4	1.3	1.4	.6	.9	.1			43	43	19			
64/ 63																		.2	1.3	1.4	1.9	.8	.1			52	52	58	1		
62/ 61																		.1	.8	1.0	.1	.3	.1			22	22	170	4		
60/ 59																		.3	.1	.6	.1	.2				13	13	232	21		
58/ 57																		.1	.3	.2						6	6	236	44		
56/ 55																		.3	.1		.1					5	5	135	81		
54/ 53																													45	68	
52/ 51																													12	98	
50/ 49																												2	104		
48/ 47																														100	
46/ 45																													1	108	
44/ 43																														61	
42/ 41																														41	
40/ 39																														48	
38/ 37																														41	
36/ 35																														29	
34/ 33																														16	
32/ 31																														17	
30/ 29																														11	
28/ 27																														10	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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 (OLA) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGR CO 59-77473-80 JUL  
 STATION STATION NAME YEARS MONTH

PAGE 2 1800-2000  
 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	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
26/ 25																					4	
22/ 21																					1	
20/ 19																					1	
18/ 17																					1	
TOTAL		1.1	3.3	5.7	6.1	6.6	9.6	9.7	8.8	11.6	9.6	7.5	6.5	4.9	3.4	2.5	3.1		930	930	930	
																		930			930	
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	X	σ <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature					Total										
Rel. Hum.	1379318	38234	41.1	18.192	930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5293004	69804	75.1	7.599	930				78.9	58.4	27.5	.2	93									
Wet Bulb	3219290	54652	58.8	2.866	930								93									
Dew Point	2115065	43797	47.1	7.518	930			4.5					92									

USAFETAC FORM 0-26-5 (OLA) 4-63 436

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ADR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23L36  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70,73-80  
 YEARS

JUL  
 MONTH

PAGE 1 2100-2300  
 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																
85														.1																			1	1			
83														.1																			1	1			
81													.2	.2	.3																		7	7			
79												.3	.9	.3	.3													.2					19	19			
77								.1	.3	.3	.2	.2	.8	.8	.3	.1																	29	29			
75								.1	.6	.5	1.9	1.8	.6	.4	.1																		58	58			
73							.7	1.0	.9	1.8	1.6	1.3	.4		.2																		69	69			
71					.4	1.7	1.4	3.3	2.5	2.0	1.5	.4	.1																				125	125			
69				.3	.8	2.2	2.3	2.9	2.8	.8	.2																						113	113			
67			.2	.5	1.5	4.2	3.2	2.2	.6	.2	.2	.1																					122	122			
65			1.3	2.6	3.2	3.0	3.3	.9	.2	.1																							133	133	2		
63			1.1	2.6	3.1	2.5	1.2	.3																									100	100	20		
61		.5	2.2	2.6	1.0	1.1	.1																										69	69	69	3	
59	1.0	1.3	.5	.4	.3																												33	33	130	23	
57			.4	.5	.5		.1																										15	15	244	44	
55	.1	.6	1.0	.4																													20	20	198	86	
53		.4	.4	.3	.1	.1																											13	13	169	91	
51			.1	.1																													2	2	60	122	
49			.1																														1	1	27	96	
47																																			9	96	
45																																			1	106	
43																																			1	78	
41																																					47
39																																					47
37																																					29
35																																					23
33																																					12
31																																					8
29																																					9
27																																					2
25																																					2
21																																					2
19																																					3
17																																					2
Element (X)	Σ X <sup>2</sup>	Σ X	X	σ <sub>x</sub>	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 10-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70,73-80  
 YEARS

JUL  
 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
100/ 99																	.1	4	4		
98/ 97																	.2	14	14		
96/ 95																	.4	31	31		
94/ 93																.1	.2	1.0	98	98	
92/ 91														.0	.3	.5	1.5	170	170		
90/ 89											.0	.1	.4	1.0	1.0	1.0	256	256			
88/ 87										.0	.2	.4	1.1	1.0	.9	.5	310	310			
86/ 85									.1	.2	.8	1.4	1.6	1.0	.5	.0	415	415			
84/ 83								.0	.3	.6	1.1	1.1	.8	.3	.1		329	328			
82/ 81							.0	.3	.6	1.4	1.5	1.0	.4	.0	.0		391	391			
80/ 79						.0	.3	.5	1.0	1.1	1.0	.3	.1	.0	.0		319	319			
78/ 77						.1	.6	.9	1.5	1.0	.6	.2	.1	.0			371	371			
76/ 75				.0	.1	.7	.7	1.1	1.2	.7	.2	.1	.0				332	332			
74/ 73				.0	.2	.7	1.0	1.3	.8	.5	.1	.0	.0				355	355			
72/ 71			.0	.2	.9	1.3	1.5	1.1	.8	.4	.1	.0					476	476			
70/ 69			.2	.5	1.4	1.5	1.5	.9	.3	.1	.0						476	476			
68/ 67			.1	.3	1.2	1.3	1.8	1.1	.5	.3	.1	.0					495	495	30		
66/ 65		.0	.5	1.1	1.6	1.8	1.6	1.0	.1	.1	.0						580	580	150		
64/ 63		.1	.9	1.6	2.3	1.8	1.4	.6	.0	.0							639	639	540	3	
62/ 61		.2	1.2	2.1	1.7	1.1	.7	.2	.0	.0							540	540	1100	33	
60/ 59	.0	.5	1.0	1.3	1.2	.6	.1	.1	.0	.0							353	353	1396	125	
58/ 57	.0	.3	.9	.7	.7	.1	.0	.0	.0								201	201	1464	259	
56/ 55	.0	.3	.7	.5	.1	.1	.0										133	133	1090	529	
54/ 53	.0	.4	.4	.2	.1	.0	.0										85	85	777	618	
52/ 51	.0	.2	.2	.1	.0												41	41	525	803	
50/ 49		.1	.2														25	25	267	902	
48/ 47			.3														2	2	63	809	
46/ 45																			27	856	
44/ 43																			10	672	
42/ 41																			1	480	
40/ 39																				404	
38/ 37																				264	
36/ 35																				223	
34/ 33																				130	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL.A) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23036 BUCKLEY ANGB CO 69-70, 73-80 JUL  
STATION STATION NAME YEARS MONTH

PAGE 2 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														
32 / 31																						159													
30 / 29																						86													
28 / 27																						51													
26 / 25																						17													
24 / 23																						1													
22 / 21																						4													
20 / 19																						10													
18 / 17																						3													
TOTAL	.1	2.2	6.0	8.1	9.0	9.5	9.5	8.4	6.7	6.9	6.5	5.6	4.6	4.7	3.6	3.2	4.8		7440	7440	7440														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	18018791	333397	44.8	20.344	7440							
Dry Bulb	40006997	540005	72.6	10.452	7440			494.1	339.4	218.9	14.7	744
Wet Bulb	24750976	428396	57.5	3.990	7440			3.0				744
Dew Point	16581961	347291	46.7	7.060	7440		33.1					744

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 433

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0000-0200  
 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
78/ 77										.2	.1							4	4		
76/ 75								.1	.1	.3	.1							7	7		
74/ 73							.2	.5	.2	.2	.1							12	12		
72/ 71					.3	.4	.6	1.0	.4	.6	.1							34	34		
70/ 69				.1	.3	.9	1.5	1.7	1.4	.9	.1							64	64		
68/ 67			.4	.5	.5	1.1	1.8	1.3	1.7	.3	.1							73	73		
66/ 65			.1	.5	1.5	2.4	3.2	2.6	.8	.3								106	106		
64/ 63		.2	1.0	1.1	2.9	2.6	2.8	1.7	1.5		.1							129	129	12	
62/ 61		1.3	2.8	3.4	4.8	3.4	1.9	1.2	.9	.1								182	182	29	2
60/ 59		.6	1.2	2.7	3.3	2.0	1.1	.1	.2									107	107	64	19
58/ 57		1.2	1.5	3.2	1.6	1.2	.3	.3										87	87	91	37
56/ 55		1.4	1.8	1.8	.8	.3	.1	.1										59	59	162	39
54/ 53	.1	.9	1.6	.8	.5	.5	.3											44	44	198	59
52/ 51		.6	.2	.2	.3	.1												14	14	175	81
50/ 49		.2	.1															3	3	109	124
48/ 47		.3																3	3	56	136
46/ 45	.1																	1	1	18	115
44/ 43																				13	81
42/ 41																				2	64
40/ 39																					60
38/ 37																					32
36/ 35																					33
34/ 33																					19
32/ 31																					13
30/ 29																					8
28/ 27																					5
24/ 23																					1
22/ 21																					1
TOTAL	.2	6.8	17.8	14.6	17.0	15.0	14.1	10.7	6.9	3.1	.8			.1				929	929	929	929
Element (X)	Σx²		Σx		X	X	X	X	No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	3421653		54171		58.3	16.931			929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	3635399		57911		62.3	5.201			929				19.4	2.3			93				
Wet Bulb	2674438		49712		53.5	3.923			929								93				
Dew Point	2041133		43109		46.4	6.624			929			2.8					93				

USAFETAC FORM AR 43 0-26-S (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO  
 STATION STATION NAME

69-70,73-80  
 YEARS

AUG  
 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															
78/ 77										.1																						1	1		
76/ 75										.1	.1																					2	2		
72/ 71							.1	.1	.3						.1	.1															7	7			
70/ 69						.1	.6	.8	.8	.3	.2																				26	26			
68/ 67				.3	.6	.9	1.3	.6	1.6	.4																					54	54			
66/ 65				.5	1.1	.8	2.2	1.4	.2	.2	.2																				61	61			
64/ 63			.3	.5	1.4	1.5	3.5	1.8	1.0	.2																					96	96			
62/ 61		1.1	1.6	1.1	3.9	3.4	2.3	1.7	1.0	.2																					147	147			
60/ 59	.1	1.1	2.0	3.3	4.5	2.6	1.8	1.7	.2																						155	155	41	10	
58/ 57		1.5	2.0	1.9	4.1	1.6	.6	.3																							114	114	63	17	
56/ 55	.1	2.3	2.7	4.3	1.2	.8	.2																								109	109	106	26	
54/ 53	.3	1.6	2.5	2.3	.9	.9	.4																								62	62	171	77	
52/ 51	.1	1.4	1.3	1.0	.1	.1	.4																								41	41	205	66	
50/ 49		.6	1.0	.6	.5	.1																									27	27	169	100	
48/ 47			.2		.1																										3	3	90	111	
46/ 45		.3	.2																												5	5	44	136	
44/ 43																																	22	107	
42/ 41																																6	70		
/ 39																																5	72		
/ 37																																		49	
6/ 35																																		25	
34/ 33																																		21	
32/ 31																																		19	
30/ 29																																		14	
28/ 27																																		6	
26/ 25																																		3	
24/ 23																																		1	
TOTAL	.6	10.1	13.9	15.9	18.5	13.3	14.3	7.2	4.4	1.4	.3																				930	930	930		
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	3772276	57062	61.4	17.083	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	3322971	55391	59.6	5.069	930			9.0	.3			93																							
Wet Bulb	2509594	48172	51.8	3.935	930							93																							
Dew Point	1940660	42046	45.2	6.539	930			4.3				93																							

4439 FORM 0-26-5 (OL A) REVISION 5-65 OF THIS FORM ARE OBSOLETE  
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGE CO

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800  
 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
84/ 83											.1		.2		.1		4		4	
92/ 81									.2	.2	.2	.2	.4				12		12	
93/ 79								.1	.1	.2	.3	.2	.1	.1			11		11	
78/ 77							.1	.1	.3	1.1	1.1	.5	.2				32		32	
76/ 75						.2	.1	.5	.4	.8	1.0	.3	.1				32		32	
74/ 73						.1	.4	.3	.6	1.3	.5	.1					33		33	
72/ 71					.1	.1	.6	1.2	1.8	1.8	.4	.1					58		58	
70/ 69				.3	.1	1.1	2.2	1.6	1.7	.4	.2						73		73	
68/ 67				.3	.5	1.1	1.8	2.4	1.9	.3	.1						80		80	
66/ 65			.2	.6	1.2	2.9	3.2	2.3	.5	.2	.1						104	124	7	
64/ 63		.1	.5	1.0	1.9	2.2	2.9	1.1	.4								94	95	15	
62/ 61		.5	1.5	1.3	2.2	2.3	1.5	.8	.1								94	94	35	3
60/ 59	.1	1.2	1.6	2.2	2.2	1.3	.8	.3	.4								93	93	65	20
58/ 57		1.3	1.1	1.2	2.4	1.0	.4	.2									70	70	142	15
56/ 55	.1	1.4	1.5	1.4	.8	.4	.2										54	54	162	57
54/ 53		.8	1.8	.8	.3	.3	.3										40	40	181	59
52/ 51	.2	.8	.8	.4	.1	.1	.1										23	23	138	71
50/ 49	.2	.3	.4	.1	.2	.1											13	13	100	100
48/ 47		.2	.2	.1	.1	.1											7	7	39	114
46/ 45		.1															1	1	24	138
44/ 43																			12	86
42/ 41																		7	96	
40/ 39																				70
38/ 37																			1	31
36/ 35																				23
34/ 33																				13
32/ 31																				16
30/ 29																				10
28/ 27																				5
26/ 25																				1
TOTAL	.4	6.7	9.7	9.7	12.2	13.1	14.8	11.1	8.9	6.4	4.1	1.4	1.2	.1	.1		928	929	928	928
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	3101407	50809	54.8	18.567	928	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93								
Dry Bulb	3883183	59681	64.2	7.277	929			33.5	12.4	2.1		93								
Wet Bulb	2725786	51132	54.0	4.267	928							93								
Dew Point	2006776	42736	46.1	6.462	928		2.2					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

23836 BUCKLEY ANGB CO 69-70, 73-80 AUG  
 STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100  
 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
96/ 95																.2	2	2	
94/ 93															.1	.3	5	5	
92/ 91														.2	.2	.3	13	13	
90/ 89													.3	.1	.4	.6	21	21	
88/ 87												.2	.1	.3	.8	1.0	37	37	
86/ 85												.6	.4	.9	1.7	1.8	59	59	
84/ 83								.1	.4	.6	1.0	2.5	2.7	1.4	.3		84	84	
82/ 81										.3	1.2	1.9	3.3	1.5	.3		80	80	
80/ 79							.3	1.0	1.0	2.7	1.9	1.5	1.0	.2			89	89	
78/ 77							.1	.6	.9	2.0	3.0	1.5	.8	.2			85	85	
76/ 75						.1	.2	.8	1.7	2.9	1.4	.9					70	70	
74/ 73					.2	.3	1.1	1.3	2.0	2.0	1.1						90	90	
72/ 71				.1	.3	.8	2.7	1.1	1.3	.1	.2						61	61	
70/ 69			.5	.2	1.6	1.8	1.3	1.5			.1	.1					67	67	
68/ 67		.1	.3	.8	1.1	1.9	.6	.1	.2	.1	.1						50	50	8
66/ 65		.2	.4	1.2	.6	1.1	.3	.1	.2								39	39	26
64/ 63	.2	.4	.6	.6	.1	.1	.1	.1									23	23	54
62/ 61	.1	.3	.4	.4	.1	.1	.1	.2									20	20	107
60/ 59	.6	.3	.4	.2	.1												16	16	235
58/ 57	.1	.1	.1	.4	.2	.1	.1										10	10	240
56/ 55	.8	.1	.1														9	9	130
54/ 53	.4	.1	.1														6	6	86
52/ 51	.3																3	3	15
50/ 49			.1														1	1	16
48/ 47																			7
46/ 45																			5
44/ 43																			1
42/ 41																			
40/ 39																			
38/ 37																			
36/ 35																			
34/ 33																			
32/ 31																			
30/ 29																			
Element (X)	Σ X'	Σ X	X	σ <sub>x</sub>	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 84

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-70, 73-80  
 YEARS

AUG  
 MONTH

PAGE 2 0900-1100  
 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																		
26/ 27																																							13
26/ 25																																							3
27/ 21																																						2	
TOTAL		2.6	1.4	3.0	4.2	5.5	7.3	8.7	6.8	10.1	11.1	8.5	9.4	8.2	5.8	3.2	2.3			930		930																	
																		930			930																		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1574760	34508	37.1	17.800	930							
Dry Bulb	5423388	70590	75.9	8.389	930			30.3	62.5	34.9	.7	93
Wet Bulb	3151296	54736	58.8	3.538	930			.8				43
Dew Point	1939799	41923	45.1	7.334	930		5.5					93

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27.36 BUCKLEY ANGB CO  
STATION STATION NAME

69-70, 73-87  
YEARS

AUG  
MONTH

PAGE 1 1200-1400  
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							
102/101																	.2	2	2									
100/ 99																	.2	2	2									
98/ 97																	1.2	11	11									
96/ 95																.3	1.2	14	14									
94/ 93																.3	2.2	25	25									
92/ 91															.8	.2	.5	3.3	45	45								
90/ 89																.1	.2	1.2	.6	3.4	2.8	78	78					
88/ 87																.3	.1	.4	2.0	4.6	2.7	1.5	109	109				
86/ 85																.1	.2	.5	1.4	2.8	3.1	1.9	.1	95	95			
84/ 83															.1	.3	1.0	1.5	2.7	2.7	2.3	.9		106	106			
82/ 81												.1	.1	1.4	1.8	3.4	2.9	1.3	.3					106	106			
80/ 79												.7	1.3	1.3	1.9	1.7	.6	.5						72	72			
78/ 77												.1	.8	2.3	1.4	1.2	.9							61	61			
76/ 75							.1	.3	1.1	1.6	1.8	1.8	1.8	.2	.1	.3								61	61			
74/ 73							.5	.5	.5	.8	.2	.8	.1											28	28			
72/ 71						.7	.1	.5	1.3	.3	.3													26	26			
70/ 69					.1	.4	.8	.6	.1		.2													21	21			
68/ 67			.1	.1	.5	.2	.6	.1	.1		.1													18	18	17		
66/ 65			.3	.3	.1	.4	.2	.2		.1														16	16	36		
64/ 63			.1	.2	.5	.4	.1																	13	13	88	1	
62/ 61		.1	.1		.2																			4	4	164	5	
60/ 59		.1	.2	.3		.2																		8	8	271	5	
58/ 57						.1																		1	1	201	17	
56/ 55		.1				.1																		2	2	101	37	
54/ 53		.2																						2	2	34	36	
52/ 51		.4																						4	4	14	65	
50/ 49																										8	82	
48/ 47																										3	64	
46/ 45																												92
44/ 43																												72
42/ 41																												84
40/ 39																												83
38/ 37																												62
36/ 35																												57
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																
Dry Bulb																												
Wet Bulb																												
Dew Point																												

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4441



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 69-70,73-80 AUG  
 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																									
102/101																															.1	1	1												
100/99																															.2	2	2												
98/97																														.9	8	8													
96/95																														.1	13	13													
94/93																														.2	.1	1.7	19	19											
92/91																														.3	.6	4.1	53	53											
90/89																														.1	.1	.2	.4	1.7	2.6	2.8	74	74							
88/87																														.2	.1	1.3	2.6	2.3	.9	70	70								
86/85																														.1	.4	.9	.9	3.4	4.6	1.8	.3	116	116						
84/83																														.2	1.2	1.9	3.0	2.6	1.3	.2	.1	98	98						
82/81																														.1	.8	1.5	1.8	3.3	1.5	.3		87	87						
80/79																														.3	1.6	1.8	2.2	1.2	.4	.1		71	71						
78/77																														.1	.6	1.8	1.4	.8	.2	.3		50	50						
76/75																														.1	.8	1.7	2.4	2.2	.5			77	77						
74/73																														.3	.6	.8	1.5	.4	.5	.2		41	41						
72/71																														.1	.9	1.2	.6	.3	.1			39	39						
70/69																														.1	.6	.4	.6	.5	.1			23	23	2					
68/67																														.2	.5	.6	.6	.5				26	26	9					
66/65																														.1	.5	.1	.6	.5	.2			18	18	27					
64/63																														.1	.2	.4	.1	.1				10	10	78	1				
62/61																														.1	.3	.4	.3	.1				14	15	163	6				
60/59																														.1	.2	.3	.1	.1				8	8	260	13				
58/57																														.1	.1	.1						2	2	239	20				
56/55																														.1	.1							1	1	98	37				
54/53																														.1	.1							2	2	31	28				
52/51																														.6								6	6	13	66				
50/49																																								7	82				
48/47																																								1	76				
46/45																																										79			
44/43																																											80		
42/41																																												87	
40/39																																												88	
38/37																																												85	
36/35																																												73	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																																	
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																																	
Dry Bulb																																													
Wet Bulb																																													
Dew Point																																													

4442  
 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

23036 HUCKLEY ANGB CO  
 STATION STATION NAME

69-70, 73-80  
 YEARS

AUG  
 MONTH

PAGE 1 1800-2000  
 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
94/ 93																.1	.1	2	2		
92/ 91																.4	.4	5	5		
90/ 89											.2					.2	.3	8	8		
88/ 87												.1				.4	.4	11	11		
86/ 85											.4	.8	.5			.4	1.1	30	30		
84/ 83								.1	.3	.1	.4	.8	1.4	.8		.8		36	36		
82/ 81								.1		.9	1.2	2.3	1.3	.6				59	59		
80/ 79							.3	.6	1.1	1.0	2.9	1.2	.6					72	72		
78/ 77							.3	1.2	1.2	1.8	2.2	1.4	.2					77	77		
76/ 75						.1	.3	.6	2.4	2.8	2.2	.6	.4	.1				89	89		
74/ 73					.1	.7	2.4	1.9	1.6	1.1	.5	.1	.1					90	90		
72/ 71						1.0	1.6	2.4	3.0	2.8	.4	.3						109	109		
70/ 69				.6	1.2	1.3	2.4	1.8	1.6	.8	.1	.1						92	92		
68/ 67				.6	.9	1.3	2.4	.6	.8	.4								65	66	3	
66/ 65			.8	.5	1.2	1.5	1.1	.6	.4		.1							58	58	14	
64/ 63		.1	.9	.9	1.6	1.2	.9			.1								52	53	35	
62/ 61		.2	.6	.9	1.2	.2	.1											70	31	101	3
60/ 59		.2	.4	1.2	.5				.1									23	23	172	24
58/ 57		.2	.1	.1	.3													7	7	244	31
56/ 55			.2	.3	.1													5	5	174	43
54/ 53		.3	.2															5	5	107	58
52/ 51		.4			.1													5	5	46	103
50/ 49		.4																4	4	23	102
48/ 47																				2	85
46/ 45																				3	99
44/ 43																					79
42/ 41																					83
40/ 39																					69
38/ 37																					37
36/ 35																					22
34/ 33																					30
32/ 31																					24
30/ 29																					10
28/ 27																					9
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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																					

443 FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC JUL 64



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 HUCKLEY ANG3 CO

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2100  
 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			
77/79									.2	.1	.1	.2	.1					7	7					
78/77								.3	.1	.6	.1	.5	.2					17	17					
78/79							.2	.3	1.1	.9	.9	.8	.2					40	40					
74/73						.6	.8	1.1	.5	1.6	.8	.5		.1				52	52					
72/71					.4	.3	.6	1.6	1.5	1.8	1.1	.2						73	73					
70/69				.1	.6	1.1	2.2	2.3	2.3	1.2	.3							97	97					
68/67				.3	1.1	3.0	2.5	3.1	1.1	.4	.2	.1						110	110					
66/65			.5	.5	1.9	4.0	2.8	2.7	1.2	.2	.1							130	130		3			
64/63		.8	1.0	.6	4.0	3.9	2.5	1.7	.9	.3								153	153	19				
62/61		.4	.9	2.5	1.9	2.3	.8	.3	.2									96	86	44	9			
60/59		.1	1.2	2.0	1.4	.6	.2	.1	.2									62	62	89	17			
58/57		1.1	.4	1.6	.9	.3		.3										43	43	128	37			
56/55	.2	.5	.9	1.5	.2		.1											31	31	220	41			
54/53		.8	.5															12	12	194	67			
52/51		.3		.1	.2													6	6	131	93			
50/49		.4		.2														6	6	71	136			
48/47		.2																2	2	14	109			
46/45																				13	93			
44/43																				4	90			
42/41																					73			
40/39																					46			
38/37																					36			
36/35																					36			
34/33																					17			
32/31																					12			
30/29																					4			
28/27																					5			
26/25																					4			
24/23																					1			
22/21																					1			
TOTAL	.2	4.6	6.3	10.5	12.7	16.2	17.2	13.9	9.5	7.3	3.6	2.3	.6	.2				927	927		927			
Element (X)	ΣX²	ΣX	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	2889794	49144	53.8	17.527	927	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	4029022	60080	65.7	8.765	927			59.7	11.6	.5		93												
Wet Bulb	2808759	50713	54.9	3.674	927							93												
Dew Point	2056731	43203	46.6	6.354	927		2.7					93												

USAFETAC FORM 44 JUL 64 O-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USFETAC  
 ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25036 BUCKLEY ANGB CO

69-70,73-80

AUG  
 MONTH

STATION

STATION NAME

YEARS

PAGE 1

ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																															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																							
12/101																														.0	3	3											
10/99																														.1	4	4											
98/97																														.3	19	19											
96/95																														.3	29	29											
94/93																													.1	.1	.5	51	51										
92/91																													.0	.2	.1	.2	1.1	116	116								
90/89																													.0	.1	.1	.2	.4	.9	.8	181	181						
88/87																													.1	.0	.1	.5	1.1	.8	.4	227	227						
86/85																													.0	.2	.3	.5	1.1	1.3	.7	.1	300	300					
84/83																													.0	.2	.4	.6	1.1	1.2	.7	.2	.0	328	328				
82/81																													.0	.1	.3	.7	1.1	1.5	.7	.2		344	344				
80/79																													.1	.4	.7	1.0	1.1	.6	.4	.0		322	322				
78/77																													.0	.2	.5	1.2	1.1	.8	.5	.1		327	327				
76/75																													.1	.2	.5	1.1	1.4	1.1	.4	.1		378	378				
74/73																													.0	.2	.5	.9	1.0	.9	.6	.2	.0	.0		326	326		
72/71																													.0	.3	.7	1.5	1.1	1.1	.3	.1	.0		406	406			
70/69																													.0	.4	.9	1.4	1.2	.9	.4	.1	.0	.0		463	463		
68/67																													.1	.7	1.2	1.6	1.2	.9	.3	.1	.0		476	477	30		
66/65																													.3	.5	1.1	1.6	1.9	1.3	.4	.2	.1		532	532	113		
64/63																													.2	.6	.6	1.7	1.6	1.6	.8	.5	.1	.0		570	572	301	2
62/61																													.5	1.0	1.2	1.9	1.6	.9	.4	.3	.0		577	579	651	33	
60/59																												.5	.9	1.7	1.6	.9	.5	.2	.1			472	472	1197	124		
58/57																													.7	.6	1.0	1.2	.6	.2	.2			334	334	1348	203		
56/55																												.1	.6	.9	1.2	.4	.2	.1	.3			270	270	1153	326		
4/53																												.1	.6	.9	.5	.2	.2	.1			193	193	1002	441			
52/51																												.2	.6	.3	.2	.1	.0	.1			102	102	757	606			
50/49																												.3	.3	.2	.1	.1	.0				54	54	503	815			
48/47																												.1	.1	.0	.0	.0					15	15	212	797			
46/45																												.3	.1	.0							7	7	104	870			
44/43																																							52	673			
42/41																																						15	629				
40/39																																						5	568				
39/37																																						1	360				
36/35																																							312				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total																															
Rel. Hum.						$\leq 0 F$	$\leq 2 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																																
Dry Bulb																																											
Wet Bulb																																											
Dew Point																																											

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

27036 BUCKLEY ANG CO 69-70, 73-80 AUG  
 STATION STATION NAME YEARS MONTH  
 PAGE 2 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																			
34 / 33																																						234	
32 / 31																																						199	
30 / 29																																					122		
29 / 27																																					62		
26 / 25																																					22		
24 / 23																																					6		
22 / 21																																					6		
TOTAL		0.2	4.3	5.9	7.7	9.6	9.4	9.9	8.6	7.6	6.9	5.7	4.8	4.6	4.1	3.9	2.9	3.5																			7426	7431	7426

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	18730432	338320	45.6	21.136	7426			431.6	295.9	178.6	10.6	744
Wet Bulb	23439346	415872	56.0	4.489	7426			3.2				744
Dew Point	15510477	335119	45.1	7.226	7426		41.8					744

USAFETAC FORM 0-26-5 (OLA) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 4445

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

68-70,73-79  
 YEARS

SEP  
 MONTH

PAGE 1 0000-0200  
 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
70/ 60							.2		.3	.3							8	8		
68/ 67					.2		.4	.4	.7	.6							21	21		
66/ 65					.3	.8	.2	.4	.9	.9	.1						33	33		
64/ 63				.1	.3	.8	1.3	1.0	1.7	.3	.1						55	55		
62/ 61			.1	1.4	1.4	1.6	2.0	2.7	1.4	.2							98	98	1	
60/ 59			.6	1.3	2.0	1.4	1.6	2.7	.8								93	93	2	
58/ 57		.3	.7	1.3	1.7	1.1	1.9	1.3	.1								76	76	10	
56/ 55		.1	1.2	.8	.9	1.2	2.4	1.7									67	67	47	3
54/ 53		.9	1.3	2.2	1.7	1.0	1.6	.2									80	80	45	12
52/ 51		1.0	1.3	.9	1.0	1.9	1.1	.3									68	68	100	33
50/ 49		2.1	1.4	.7	1.8	1.8	.4	.1	.1								76	76	108	41
48/ 47		.8	2.7	1.0	1.0	.6	.8	.3									64	64	128	54
46/ 45		.7	2.2	.3	1.0	1.3	.1										51	51	103	66
44/ 43		1.8	1.6	.7	.7												42	42	92	51
42/ 41		.2	.9	.8	.8	.1											23	23	100	64
40/ 39	.1	.9	.7	.2	.3												20	20	58	91
38/ 37		.7	.7														12	12	41	80
36/ 35		.2	.2														4	4	38	80
34/ 33		.3	.2														5	5	15	65
32/ 31		.3	.1														4	4	7	72
30/ 29																			5	77
28/ 27																				35
26/ 25																				37
24/ 23																				3
22/ 21																				13
20/ 19																				10
18/ 17																				3
16/ 15																				2
10/ 9																				2
6/ 5																				1
TOTAL		.1	10.3	15.7	11.8	15.3	13.6	14.1	10.6	6.0	2.3	.2					900	900	900	900
Element (X)	Z <sub>X</sub> <sup>2</sup>	Σ <sub>X</sub>	Σ <sub>X</sub>	Σ <sub>X</sub>	Σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	3205032	51020	56.7	18.652	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	2683128	48644	54.0	7.748	900		.4	2.9				90								
Wet Bulb	1918889	41227	45.8	5.812	900		1.2					9								
Dew Point	1328914	33802	37.6	8.127	900		26.0					90								

USAFETAC FORM AIR 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

68-70,73-79  
 YEARS

SEP  
 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
70/ 69																		3	3	
68/ 67																		6	6	
66/ 65						.1	.2	.1	.2	.4								10	10	
64/ 63					.2	.1	.2	.3	1.3	1.3	.2	.1						35	35	
62/ 61					.1	.4	.9	1.3	2.1	1.0	.2							55	55	
63/ 59		.1	.3	.7	1.3	1.3	2.0	2.3	1.0	.1								83	83	
58/ 57		.4	.9	2.1	1.3	1.3	1.9	1.7	.3									90	90	5
56/ 55		.4	1.6	.7	2.2	2.2	1.6	.4										52	82	19
54/ 53		.9	.8	1.0	1.7	1.3	1.3	.1										63	63	38
52/ 51		1.3	1.4	1.0	1.6	1.8	.8	.3										81	81	66
50/ 49		1.7	1.3	1.2	1.3	2.0	.3											71	71	97
46/ 47		1.4	3.2	1.0	1.4	1.9	.1	.1	.2									92	92	117
46/ 45		.7	2.8	1.4	.9	1.4	.1											66	66	123
44/ 43		1.7	1.3	2.0	.9	.6												58	58	110
42/ 41		2.2	1.2	1.2														42	42	104
40/ 39		1.0	.6	.4	.6													23	23	73
36/ 37		.1	.9	.4	.2													15	15	66
36/ 35		1.0	.2		.2													13	13	31
34/ 33		.2	.1															3	5	29
32/ 31		.3	.3															6	6	10
30/ 29	.3																	3	3	8
28/ 27																				4
26/ 25																				
24/ 23																				
22/ 21																				
20/ 19																				
18/ 17																				
16/ 15																				
10/ 9																				
8/ 7																				
6/ 5																				
TOTAL		.3	1.3	6.1	7.0	15.1	14.3	15.2	9.8	9.8	4.4	.8	.1					900	900	900
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	3476617	53442	59.4	18.366	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90								
Dry Bulb	2456572	46546	51.7	7.555	900		.9	.9				90								
Wet Bulb	1800648	39924	44.4	5.740	900		2.2					90								
Dew Point	1267191	33025	36.7	7.847	900		26.8					90								

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 USAFETAC FORM 0-26-5 (OLA) JUL 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

68-70,73-79  
 YEARS

SEP  
 MONTH

PAGE 1 0600-0800  
 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															
78/ 77												.1																				1	1			
76/ 75												.2	.3																			6	6			
74/ 73												.1	.3																			6	6			
72/ 71											.1	.1	.6																			20	20			
70/ 69										.1	.3	.2	1.1	.3																		20	20			
68/ 67										1.0	.2	1.3	1.3	.2																		37	37			
66/ 65							.1	.6	1.1	1.7	1.0	.9	.3																			51	51			
64/ 63							.2	.6	.7	2.0	1.1	.1	.2	.1																		45	45			
62/ 61					.6	.8	.7	1.0	2.0	1.3																						57	57			
60/ 59		.1	.2	.6	1.4	.9	2.9	1.4	.3																							71	71	1		
58/ 57		.1	.3	1.0	1.2	1.7	2.1	1.6	.3																							75	75	13		
56/ 55	.2	.6	1.1	.7	1.8	1.6	1.0	.8	.2																							71	71	41	5	
54/ 53		.8	.7	1.3	.6	2.0	1.2	.3	.1	.1																						64	64	64	4	
52/ 51		1.3	1.2	1.6	1.7	2.1	.8	.3																								61	61	92	18	
50/ 49		1.0	1.1	1.8	1.8	.7	.3	.1																								61	61	114	28	
48/ 47		.7	2.8	.4	1.7	1.0	.1		.1																							61	61	117	48	
46/ 45		1.7	1.6	1.3	.4	.6																										50	50	86	58	
44/ 43		.9	1.0	1.4	.8	.4																										41	41	121	57	
42/ 41		1.8	.8	.4	.2																											29	29	64	62	
40/ 39		1.2	.8	.4	.3	.1																										26	26	65	103	
38/ 37		.2	.2	.2	.2																											8	8	40	98	
36/ 35		.4	.3	.1	.1																											9	9	23	98	
34/ 33		.3	.2																													5	5	21	77	
32/ 31		.2	.1																													3	3	8	90	
30/ 29	.1	.1																														2	2	6	57	
28/ 27																																		3	33	
26/ 25																																			22	
24/ 23																																			11	
22/ 21																																			13	
20/ 19																																			7	
18/ 17																																			4	
16/ 15																																			4	
14/ 13																																			1	
12/ 9																																			1	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 AIR 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
STATION

BUCKLEY ANG8 CO  
STATION NAME

68-70,73-79  
YEARS

YEARS

SEP  
MONTH

PAGE 1 0900-1100  
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
00/ 89															.1			1	1		
06/ 87																.3		3	3		
16/ 85													.1	.1	1.0	.2	.2	15	15		
24/ 83												.1	.1	.7	1.1	.4		22	22		
32/ 81									.1	.1	.6	1.2	1.0	.8				36	36		
40/ 79									.1	.2	1.1	1.3	2.1					44	44		
48/ 77								.1	.4	.3	1.1	2.1	1.9	1.4	.3			66	66		
56/ 75								.1	.4	.7	1.8	2.2	2.0	.2				67	67		
64/ 73							.1	.1	1.1	1.0	1.6	2.3	.8	.2				65	65		
72/ 71							.2	1.0	.9	1.6	2.7	.9	.6					70	70		
80/ 69					.1	.4	1.3	.4	1.3	1.7	.8	.2						57	57		
88/ 67				.2	.1	.6	.7	2.0	1.2	1.0	.2							54	54		
96/ 65			.3	.3	.7	.7	.8	1.7	.8	.4								51	51		
04/ 63		.1	.2	.6	1.2	1.2	1.2	.9	.2	.1								52	52	2	
12/ 61		.2	.3	.3	1.2	.8	.8	.4	.1	.3								41	41	10	
20/ 59	.1	.4	1.3	1.1	.9	1.2	.8	.1										54	54	35	
28/ 57	.2	.1	.3	.7	.4	.7	.3	.4										29	29	110	4
36/ 55	.3	.3	.3	.9	.3	.6	.2											27	27	109	4
44/ 53	.1	.2	.4	.7	.7	.3	.2											24	24	135	7
52/ 51	.6	.6	.7	.8	.2	.2	.2											29	29	145	19
60/ 49	.4	.4	1.2	.3	.4	.2	.2											28	24	97	23
68/ 47	.6	.1																10	10	76	46
76/ 45	.4	1.1	.4	.1														19	19	52	56
84/ 43	.4	.4	.6	.3	.1													17	17	50	62
92/ 41	.7	.1																7	7	34	61
00/ 39	.3	.1																4	4	19	96
08/ 37		.3																3	3	12	93
16/ 35	.2	.1																3	3	6	1.9
24/ 33	.1																	1	1	6	66
32/ 31																				1	87
40/ 29																					65
48/ 27																					41
56/ 25																					11
64/ 23																					12
Element (X)	Σx'	Σx	Σ	Σ <sub>2</sub>	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**

23036 FUCKLEY ANGR CO 68-70,73-79 SEP  
 STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100  
 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
22/ 21																					17
20/ 19																					16
18/ 17																					6
16/ 15																					2
TOTAL		3.7	4.8	5.2	5.7	6.8	6.9	8.6	9.8	8.2	11.1	10.7	8.2	5.8	3.3	1.0	.2	899	899	899	

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1639986	34184	38.0	9.463	899							
Dry Bulb	4112273	59977	66.7	11.113	899			50.1	31.9	9.7		90
Wet Bulb	2370823	45890	51.0	5.618	899		.1					90
Dew Point	1289073	33361	37.1	7.542	899	25.1						90

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

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 SUCKLEY ANGB CO  
 STATION STATION NAME

68-70, 73-79  
 YEARS

SEP  
 MONTH

PAGE 1 1200-1400  
 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
93/ 93																	.1	1	1		
92/ 91																.2	.8	9	9		
89/ 89														.1		.6	.7	12	12		
88/ 87														.2	.6	2.3	.8	35	35		
86/ 85										.2	.2	.3	1.0	1.4	2.3	.8	57	57			
84/ 83												.9	1.4	2.6	1.7		59	59			
81/ 81									.1			1.0	1.6	3.4	.6		76	76			
80/ 79								.2	.3	.3	1.4	2.3	4.2	1.2	.2		93	93			
78/ 77							.1	.4	.1	.4	1.0	2.7	2.6	.6	.1		72	72			
76/ 75							.2	.3	.3	.4	1.4	2.3	1.2	.1			58	58			
74/ 73							.1	.1	.3	.3	.9	1.8	.9	.3			47	47			
72/ 71						.2	.6	.1	1.2	1.0	1.3	1.3	.8	.1			60	60			
70/ 69						.3	.5	.7	.9	.9	1.7	.8	.2				54	54			
68/ 67					.1	.2	.6	.1	.6	1.0	.7	.1	.1				31	31			
66/ 65					.1	.2	1.2	.6	.6	.8	.2	.3					36	36	4		
64/ 63					.2	.2	1.3	.4	.4	.2	.2						28	28	6		
62/ 61					.4	.7	.7	.4	.4	.8	.1						32	32	24		
60/ 59	.1	.1			.4	1.2	.3	.1	.6								26	26	78		
58/ 57				.4	.6	.4		.1	.4	.1							19	19	96		
56/ 55			.4	.1	.6	.3	.2	.3	.2								20	20	145	7	
54/ 53	.1	.1	.6	.3	.1	.2											13	13	180	18	
52/ 51		.1	.9	.2	.2	.3											16	16	119	10	
50/ 49	.1		.1	.3	.1	.1											7	7	86	18	
48/ 47			.6	.2	.2												9	9	54	22	
46/ 45	.2	.4	.1	.2													9	9	30	47	
44/ 43	.6	.3	.4														12	12	23	40	
42/ 41			.1														1	1	30	64	
40/ 39	.3																3	3	8	70	
38/ 37			.4														4	4	11	71	
36/ 35																			3	82	
34/ 33																			2	85	
32/ 31																				68	
30/ 29																				83	
28/ 27																				66	
Element (X)	Σ X <sup>2</sup>	Σ X	X̄	σ <sub>n</sub>	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) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23036 BUCKLEY ANGB CO 68-70,73-79 SEP  
STATION STATION NAME YEARS MONTH  
PAGE 2 1200-1400  
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		
26/ 25																						48	
24/ 23																						19	
22/ 21																						25	
20/ 19																						13	
18/ 17																						10	
16/ 15																						3	
TOTAL		1.4	2.6	3.0	3.3	3.3	7.0	3.9	6.2	6.6	6.6	9.5	17.3	13.2	9.9	8.0	3.1		899		899	899	
																		899			899		
Element (X)		Σ x²	Σ x	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.		1347998	26308	29.3	17.599	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb		4370866	65390	72.7	11.298	899			66.5	52.0	29.4	.1	90										
Wet Bulb		2527948	47434	52.8	5.296	899							90										
Dew Point		1163991	31535	35.1	8.024	899			36.5				90										

FORM 0-26-5 (OL A) REVERSED NUMBERS ED. OF THIS FORM AS DISCRETE  
 449  
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

68-70, 73-79  
 YEARS

SEP  
 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														
92/ 91																.2	.4	6	6																
90/ 89																.1	.8	23	23																
88/ 87															.1	1.2	30	30																	
86/ 85													.2	.8	.9	1.5	42	42																	
84/ 83									.2	.1		.9	1.8	1.6	1.6		55	55																	
82/ 81								.1	.1		.6	1.3	3.0	2.7	.6		75	75																	
80/ 79									.2	.3	.7	1.8	3.1	2.3	.2		78	78																	
78/ 77									.2	.7	.6	1.7	3.4	2.6	.2	.1	85	85																	
76/ 75								.7	.2	.9	.6	2.4	1.6	1.2	.2		66	66																	
74/ 73								.4	.3	.7	1.6	2.2	1.1	.8			64	64																	
72/ 71							.4		1.3	.8	.7	1.8	1.1	.1			56	56																	
70/ 69						.2	.2	.6	1.0	.7	1.4	.7	.6				48	48																	
68/ 67				.1	.1	.1	.1	1.0	.2	1.2	.2	.8					40	40																	
66/ 65			.1	.3	.1	.1	.4	.6	.3	.3	.1						22	22	3																
64/ 63		.1	.2	.3	.3	.2	.2	1.1	.7	.3							33	33	3																
62/ 61	.1	.2	.2	.3	1.1	.3	.3	.4	.2	.3							33	33	15																
60/ 59	.1	.2	.6	.6	1.2	.8											31	31	68																
58/ 57	.1	.3	.4	1.3	.3	.1	.2	.6	.2								33	33	112	2															
56/ 55		.3	.3	.1	.1	.1	.1	.1									9	9	155	7															
54/ 53		.4	.6	.1	.2	.1	.1										14	14	175	17															
52/ 51		.1	.4	.4	.1												10	10	114	15															
50/ 49		.1	.4	.2	.2												9	9	91	16															
48/ 47		.3	.4														7	7	54	16															
46/ 45	.1	.7	.8	.1													15	15	38	39															
44/ 43	.1	.1															2	2	22	52															
42/ 41	.6	.3															8	8	27	61															
40/ 39	.1	.3	.1														5	5	13	71															
38/ 37		.1															1	1	6	77															
36/ 35																			4	74															
34/ 33																				96															
32/ 31																				75															
30/ 29																				67															
28/ 27																				60															
26/ 25																																			
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	I	ρ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REVISIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

4  
STATION 2303b BUCKLEY ANGB CO YEARS 68-77, 73-79 SEP MONTH 1560-1700  
STATION NAME HOURS (L. S. T.)

PAGE 2

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/ 23																					19
22/ 21																					21
20/ 19																					27
18/ 17																					6
16/ 15																					10
TOTAL		1.2	3.1	3.2	4.3	3.7	4.4	4.4	6.3	6.9	6.4	10.9	12.0	13.4	8.1	6.9	4.6		900		900
																	900		900		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1079944	26569	29.5	18.135	900							
Dry Bulb	4845433	65271	72.5	11.150	900			66.8	52.4	27.0		90
Wet Bulb	2519396	47394	52.7	5.127	900							90
Dew Point	1159575	31441	34.9	8.251	900		35.3					90

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

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

**PSYCHROMETRIC SUMMARY**

21036 BUCKLEY ANGB CO STATION NAME

58-79,73-79 YEARS

SEP MONTH

PAGE 1 1400-2000 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															
96/ 85														.1																		1	1			
84/ 63														.7													.3	.1					7	7		
92/ 81												.1	.2	.6	.3	.1																12	12			
83/ 79								.1			.1	.7	.3	.3	.3																	17	17			
78/ 77									.1		.3	1.0	1.2	1.2	.3																	27	27			
76/ 75								.2			.8	.7	2.0	.4	.6																	42	42			
74/ 73							.1	.2	.3	1.0	1.2	2.1	1.1	.2																		57	57			
72/ 71							.1	.4	1.4	1.1	1.7	1.9	.3																			64	64			
70/ 69						.2	.3	.7	1.2	1.9	2.1	.8	.1																			66	66			
68/ 67					.3	.4	.9	1.8	1.4	2.0	1.8	.3																				81	81			
66/ 65				.1	.7	.9	1.1	.8	1.7	1.8	1.7	.2																				80	80	1		
64/ 63			.2	.2	.5	.8	1.3	1.7	2.6	1.1	.6	.1																				80	80			
62/ 61			.3	.3	.4	.8	.8	1.2	1.1	.7	.1																					52	52		6	
60/ 59		.2	.3	.6	.8	1.0	.7	.6	1.3	.2																						51	51		20	
58/ 57		.2	.4	.8	.9	.8	1.0	.8	.9	.1																						53	53		5	
56/ 55		.1	.4	1.1	.4	.8	.3	.2	.2																							35	35		12	
54/ 53		.6	1.1	.6	.6	1.1	.6	.8	.3																							50	50		13	
52/ 51		.2	.1	1.0	.3	.1	.7	.3	.1																							26	26		22	
50/ 49		.4	.7	1.0		.4	.1	.3																								27	27		27	
48/ 47		.3	1.2	.4	.2																											22	22		43	
46/ 45		.1	.6	.3	.3																											12	12		53	
44/ 43		.6		.6	.1																											11	11		62	
42/ 41		.7	.6	.1																												12	12		77	
40/ 39	.3	.6	.1																													9	9		63	
38/ 37			.4																													4	4		75	
36/ 35			.1																													1	1		80	
34/ 33			.1																													1	1		68	
32/ 31																																		2	84	
30/ 29																																			48	
28/ 27																																			50	
26/ 25																																			42	
24/ 23																																			25	
22/ 21																																			15	
20/ 19																																			12	
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	% <sub>x</sub>	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																																				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

4  
 23036 HUCKLEY ANGB CO 68-70,73-79 STATION STATION NAME YEARS MONTH  
 PAGE 2 SEP 1800-2000 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
18/ 17																					9
16/ 15																					7
14/ 13																					2
TOTAL	.3	4.0	6.8	7.1	5.4	7.6	8.0	10.2	12.8	10.9	10.7	9.2	3.8	2.4	1.0	.2	900	900		900	

Element (X)	Σ X <sup>2</sup>	Σ X	Σ	σ <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1911961	37239	41.4	20.316	900							
Dry Bulb	3716321	57167	63.5	9.731	900			37.4	16.3	3.1		90
Wet Bulb	2247906	44708	49.7	5.481	900			.2				90
Dew Point	1275757	32991	36.7	8.595	900		29.4					90

USAFETAC FORM 1 JUL 64 0-26-5 (O.L.A.) REVISED REVISIONS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

68-70, 73-79

SEP  
 MONTH

PAGE 1 2100-2300  
 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			
76/ 75																.1				2	2			
74/ 73																.3	.6				8	8		
72/ 71							.1	.1	.4	.6	1.3	.2	.1							26	26			
70/ 69							.2	.6	.3	1.2	1.1	.8								38	38			
68/ 67					.1	.2	1.1	.8	1.0	1.1	.7									45	45			
66/ 65				.1	.3	1.3	1.9	1.1	.8	1.2	.7									67	67			
64/ 63			.3	.6	1.0	.7	1.6	1.3	1.8	1.2	.1									77	77			
62/ 61			.6	.8	1.6	1.7	2.0	2.0	.3											80	80			
60/ 59			.4	1.2	1.1	1.6	1.1	1.8	1.7	.1										81	81	11		
58/ 57		.2	.2	1.0	1.3	.4	2.6	1.6	.7											72	72	18	2	
56/ 55		.8	1.4	.8	.8	.4	1.3	1.1	.1											61	61	52	6	
54/ 53		.8	1.0	.9	1.3	2.0	1.2	.4	.2											71	71	87	14	
52/ 51		.7	1.2	1.1	1.4	1.6	1.7	.3	.1											73	73	107	30	
50/ 49		1.1	.3	1.1	.9	1.3	.7	.6												54	54	114	47	
48/ 47		.2	2.1	.7	.4	.3	.4													38	38	94	43	
46/ 45		.8	1.9	.7	.2	.6	.1													38	38	110	67	
44/ 43		.9	.4	.1	.6	.1														19	19	105	53	
42/ 41		1.1	.9	.4		.1														23	23	76	70	
40/ 39	.3	.6	.6																	13	13	51	77	
38/ 37		.4	.1																	5	5	34	69	
36/ 35		.3	.1																	4	4	28	82	
34/ 33		.1	.3																	4	4	5	71	
32/ 31																						3	94	
30/ 29																						3	47	
28/ 27																							37	
26/ 25																							46	
24/ 23																							16	
22/ 21																							9	
20/ 19																							5	
18/ 17																							3	
16/ 15																							6	
14/ 13																							3	
TOTAL	.3	5.0	11.5	9.2	10.3	12.3	16.1	11.5	10.0	5.7	3.9	.9	.1	.1						879	899	899	899	
Element (X)	Z <sub>x</sub> <sup>2</sup>	Z <sub>x</sub>	X	Σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	2728280	46294	51.5	19.583	899	≤ 67 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb	2994801	51339	57.1	8.376	899			11.9	1.0			91												
Wet Bulb	2031402	42422	47.2	5.746	899			.4				90												
Dew Point	1325331	33699	37.5	8.321	899		26.3					51												

USAFETAC FORM 0-26-5 (OL A) REVERSED MIRROR IMAGES OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 68-70,73-79 SEP  
 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														
94/ 93																		.0	1	1																
92/ 91																		.1	15	15																
90/ 89																.0	.0	.2	36	36																
88/ 87															.0	.1	.6	.3	68	68																
86/ 85												.0	.0	.1	.3	.4	.5	.3	115	115																
84/ 83											.0	.0	.3	.2	.5	.7	.5		143	143																
82/ 81										.0	.0	.0	.3	.6	.8	.9	.2		199	199																
80/ 79										.0	.2	.1	.5	.7	1.2	.5	.1		232	232																
78/ 77										.0	.1	.1	.3	.7	1.2	.9	.1	.0	251	251																
76/ 75										.1	.1	.4	.5	1.0	.8	.4	.0		241	241																
74/ 73									.0	.1	.3	.4	.7	1.2	.5	.3		247	247																	
72/ 71								.0	.2	.2	.7	.7	1.0	.9	.4	.0		296	296																	
70/ 69							.1	.3	.5	.7	.9	1.0	.4	.1				294	294																	
68/ 67						.1	.1	.7	.6	.9	1.1	.6	.2	.0				315	315																	
66/ 65				.1	.3	.6	.8	.9	.8	.5	.1							350	350	8																
64/ 63			.1	.2	.4	.5	1.1	1.2	1.4	.6	.2	.0						405	405	11																
62/ 61		.0	.1	.4	.6	1.1	1.1	1.4	1.0	.3	.1							448	448	57																
60/ 59		.1	.3	.6	1.1	1.0	1.4	1.4	.9	.1								490	490	215																
58/ 57		.2	.4	.9	1.1	.8	1.3	.9	.5	.1								447	447	420	11															
56/ 55	.1	.3	.9	.6	.9	.9	.9	.5	.1	.0								372	372	667	45															
54/ 53		.5	.7	.9	.9	1.0	.8	.7	.1	.0								379	379	839	94															
52/ 51		.6	.8	1.0	.9	1.7	.7	.9	.0									384	384	876	168															
50/ 49		.9	.7	.9	.8	.9	.2	.2	.3									333	333	844	236															
48/ 47		.4	1.7	.6	.6	.5	.2	.1	.0									303	303	749	317															
46/ 45		.6	1.4	.7	.4	.5	.1											260	260	613	433															
44/ 43		.9	.7	.7	.4	.1	.0											202	202	585	428															
42/ 41		.9	.6	.4	.1	.0												145	145	490	525															
40/ 39	.1	.6	.4	.2	.2	.0												103	103	320	663															
38/ 37		.2	.4	.1	.1													52	52	233	654															
36/ 35		.3	.1	.0	.0													34	34	131	719															
34/ 33		.1	.1															19	19	79	601															
32/ 31		.1	.1															13	13	31	679															
30/ 29	.1	.0																5	5	22	507															
28/ 27																				7	385															

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE O.L.T.E. JUL 64

4  
 6570



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23036 BUCKLEY ANGB CO 68-70, 73-79 OCT  
 STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200  
 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/ 65																																	1	1			
64/ 63																																	5	5			
62/ 61																																	8	8			
60/ 59																																	10	10			
58/ 57																																	16	16			
56/ 55																																	27	27			
54/ 53																																	37	37			
52/ 51																																	66	66			
50/ 49																																	85	85	4		
48/ 47																																	85	85	11		
46/ 45																																	83	83	36	1	
44/ 43																																	66	66	69	4	
42/ 41																																	62	62	85	12	
40/ 39																																	79	79	127	20	
38/ 37																																	61	61	124	34	
36/ 35																																	52	52	120	69	
34/ 33																																	43	43	103	75	
32/ 31																																	41	41	69	115	
30/ 29																																	39	39	70	116	
28/ 27																																	26	26	39	71	
26/ 25																																	14	14	27	67	
24/ 23																																	8	8	19	67	
22/ 21																																	9	9	18	70	
20/ 19																																	1	1	3	74	
18/ 17																																				53	
16/ 15																																				34	
14/ 13																																				25	
12/ 11																																		5	5	5	6
10/ 9																																		1	1	1	10
8/ 7																																				0	
6/ 5																																				2	
4/ 3																																				3	
-2/ -3																																				3	

Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	σ <sub>2</sub>	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  
 4653

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

22036    BUCKLEY ARGS CO    68-70, 73-79    OCT

STATION                                          STATION NAME                                          YEARS                                          MONTH

PAGE 2    0000-0200

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																		
TOTAL	3.9	18.5	16.9	11.7	13.7	13.4	11.3	6.7	2.3	1.6	.2																					930	930	930	930				

USAFETAC FORM 34 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σ x²	Σ x	x̄	s <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	3505777	53609	57.6	21.149	930							
Dry Bulb	1746636	79430	42.4	9.798	930		14.4					93
Wet Bulb	1221335	53205	35.7	6.181	937		25.1					93
Dew Point	710935	24693	26.6	7.715	930	.3	71.9					93

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AWP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23336 SUCKLEY ANG8 CO  
 STATION STATION NAME

68-70,73-79  
 YEARS

OCT  
 MONTH

PAGE 1 0300-0500  
 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
64/ 63										.1							1	1		
62/ 61									.1	.1							4	4		
60/ 59									.2	.1	.2						8	8		
58/ 57									.3	.2	.2						7	7		
56/ 55								.2	.9	.4	.4	.1					19	19		
54/ 53						.3	.6	.6	1.0	1.0	.2						35	35		
52/ 51					.4	1.6	1.3	.8	.5								43	43		
50/ 49				.1	2.5	1.8	1.4	.2	.2								64	64	1	
48/ 47			.3	.5	1.4	1.8	2.3	.8	.1								67	67	4	
46/ 45			1.5	1.5	3.0	3.0	2.0	.2									105	105	15	
44/ 43		.8	1.0	1.7	2.7	.8	.3	.2									69	69	37	
42/ 41		1.2	1.9	1.5	1.3	1.5	.3	.3									75	75	82	5
40/ 39		1.4	2.6	1.6	1.3	1.3	.1										74	74	103	10
38/ 37	.3	1.8	2.8	.6	.6	.1											59	59	128	36
36/ 35		3.3	2.0	1.4	.9												71	71	133	49
34/ 33	1.0	2.7	1.6	1.1													59	59	136	76
32/ 31	.8	2.7	1.2	.6	.2	.1											52	52	77	116
30/ 29	.6	.8	1.4	.4	.1												31	31	70	105
28/ 27	.3	1.5	.6	.3													26	26	35	79
26/ 25		1.7	.5	.2													23	23	36	64
24/ 23	.1	1.6	.8														23	23	24	52
22/ 21		.5															5	5	30	74
20/ 19	.1	.2															3	3	5	83
18/ 17		.2															2	2	3	69
16/ 15	.1	.1															2	2	1	41
14/ 13																			1	31
12/ 11	.1																1	1	1	10
10/ 9																				15
8/ 7	.1																1	1	1	1
6/ 5	.1																1	1	1	2
4/ 3																				8
2/ 1																				2
0/ -1																				2
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 JAN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4454

4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25036      BUCKLEY ANGB CO  
STATION      STATION NAME

68-70,73-79      YEARS

OCT      MONTH

PAGE 2      0300-0500  
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																
TOTAL	3.7	20.5	18.3	11.7	14.4	12.9	9.9	4.9	2.5	1.0	.2							930	930	930	930																

Element (X)	Σ x²	Σ x	x̄	sₓ	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3653871	54863	59.0	21.196	930							
Dry Bulb	1614122	37866	40.7	8.86	930		17.0					93
Wet Bulb	1137518	32440	34.8	6.622	930		29.1					93
Dew Point	664576	23826	25.6	7.636	930	.2	75.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

23036 BUCKLEY ANGB CO 68-70,73-79 OCT  
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800  
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
70/ 69													.1					1	1	
68/ 67													.1					1	1	
66/ 65									.1			.3	.2	.3				9	9	
64/ 63									.2			.3	.2	.3				7	7	
62/ 61									.1	.2	.4	.4	.2					13	13	
60/ 59									.2	.3	.4	.3	.3					18	18	
58/ 57									.4	.4	.5	.6						22	22	
56/ 55						.5	1.7	1.1	1.0	.1								41	41	
54/ 53				.1		1.4	.5	.8	.9	.2								36	36	
52/ 51			.4	.5	1.9	1.1	.8	.5										51	51	2
50/ 49			.6	1.8	1.3	1.1	.8	.5										57	57	3
48/ 47		.6	.9	1.2	1.2	2.6	.9	.2										68	68	15
46/ 45			1.1	1.3	1.5	1.8	.8	.4										64	64	32
44/ 43		.5	1.5	2.9	2.4	1.4	.8	.1										89	89	79
42/ 41		.9	1.6	1.6	1.1	1.0	.1											58	58	86
40/ 39	.1	1.4	2.7	1.8	1.4	1.1	.1											77	77	107
38/ 37	.2	2.0	1.9	1.2	.6		.1											57	57	109
36/ 35	.3	2.8	1.5	1.4	.4	.1												54	54	128
34/ 33	.9	2.6	1.4	1.1	.2													57	57	105
32/ 31	.4	2.5	1.0	.6	.1	.1												44	44	84
30/ 29	.0	1.3	1.2	.4														33	33	67
28/ 27	.6	1.2	.4	.2														23	23	32
26/ 25	.1	1.6	.5	.1														22	22	34
24/ 23		1.0																9	9	23
22/ 21	.1	.8	.3															11	11	19
20/ 19	.1	.3																4	4	7
18/ 17																				3
16/ 15		.1																1	1	1
14/ 13																				17
12/ 11																				17
10/ 9		.1																1	1	11
8/ 7																				1
6/ 5	.2																	2	2	2
4/ 3																				3
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																				

4455  
 USAFETAC FORM 0-26-5 (OL A)  
 JUL 64  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 68-70, 73-79 STATION STATION NAME YEARS MONTH OCT  
PAGE 2 0600-0800  
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
2 / 1																					5
TOTAL	3.8	18.3	15.8	14.2	11.3	11.8	9.8	6.7	4.5	2.4	1.1	.3	.1					930		930	
																		930		930	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3442272	52728	56.7	22.076	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb	1767248	39479	42.4	9.920	930		15.0	.2				93									
Wet Bulb	1206484	32968	35.4	6.425	930		27.3					93									
Dew Point	679511	24085	25.7	7.747	930		74.0					93									

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23236 BUCKLEY ANGB CO

62-70,73-79

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100  
 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
82/ 81															.2		2	2		
83/ 79													.1	.2	.2	.1	6	6		
76/ 77													.2	.6	.5		13	13		
76/ 75												.1	.2	.4	.5		12	12		
74/ 73								.1		.3		.9	1.2			30	30			
72/ 71									.2	.2	1.2	.9	.5			28	28			
70/ 69								.1	.6	1.7	1.4	1.1	.1			47	47			
68/ 67								.1	.5	1.0	1.5	1.4	.4			46	46			
66/ 65									1.1	1.1	1.5	.8				41	41			
64/ 63								.6	1.5	1.2	1.2	.5				47	47			
62/ 61						.4	1.6	2.2	1.3	.6	.2					59	59			
60/ 59					.1	1.1	.5	1.5	1.2	.6	.1					48	49			
58/ 57					.2	.4	1.1	.6	.8	.8						36	36	1		
56/ 55					.4	1.3	1.0	1.2	.8	.5						48	48	1		
54/ 53					.9	1.7	1.2	1.0	.5	.1						50	50	17		
52/ 51				.6	1.0	1.7	1.5	.4	.3	.1						53	53	42		
50/ 49			.7	1.3	1.1	1.1	1.3	1.0	.1							53	53	92		
48/ 47			.3	.6	1.3	.8	1.3	.3	.1							44	44	113	1	
46/ 45			.8	1.1	.8	.2	.4	.4								34	34	111	1	
44/ 43		.3	1.1	.9	.4	.5	.4	.1								35	35	95	1	
42/ 41		.4	1.3	.5	.5	.4										30	30	90	13	
40/ 39		.8	.4	1.0	.3	.2										26	26	70	33	
38/ 37	.1	1.4	.9	.1	.3	.1										27	27	63	48	
36/ 35	.3	.8	.9	.4	.4											26	26	54	79	
34/ 33	.2	2.0	.5	.6	.2											34	34	55	92	
32/ 31	.5	1.3	.6	.5												28	28	42	94	
30/ 29	.1	1.1		.2												13	13	26	94	
28/ 27	.1	.4	.1													6	6	26	84	
26/ 25		.1														1	1	6	86	
24/ 23																		3	54	
22/ 21																			49	
20/ 19		.4														4	4	3	63	
18/ 17		.1														1	1	1	49	
16/ 15																			1	32
Element (X)	Σx'	Σx	Σ	Σ	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																				

44560  
 USAFETAC FORM 0-26-5 (OLA)  
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANSB CO 68-75, 73-79 OCT  
 STATION STATION NAME YEARS MONTH  
 PAGE 2 0900-1100  
 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
14 / 13		.1																1	1	1	20
12 / 11																					14
10 / 9																					15
8 / 7																					5
6 / 5																					1
4 / 3																					3
TOTAL	1.4	9.3	7.1	7.6	7.9	8.7	9.7	8.0	9.0	8.1	7.8	6.5	3.8	3.1	1.5	.1	929	930	929	929	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2140601	39101	42.1	23.092	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2365161	50179	54.0	13.047	930		5.4	18.4	6.3	.3		23
Wet Bulb	1655751	38683	41.6	6.965	929		10.9					93
Dew Point	750797	25419	27.4	7.719	929		66.2					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

23036  
 STATION

LUCKLEY ANGB CO  
 STATION NAME

68-70, 73-76  
 YEARS

YEARS

OCT  
 MONTH

PAGE 1 1200-1400  
 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															
86/ 85																													.2		2	2			
84/ 83																													.2	.5	.1	8	8		
82/ 81														.2	.3	1.3	.6														23	23			
80/ 79															.3	1.7	1.2														30	30			
78/ 77														.2	.8	.5	.9	.3													25	25			
76/ 75														.2	1.4	1.4	2.3	.6													55	55			
74/ 73														.1	.4	1.3	1.4	2.4	.2												54	54			
72/ 71															.5	2.2	2.7	.3													53	53			
70/ 69															.6	1.5	2.2	1.5													54	54			
68/ 67					.1									.4	.9	1.1	1.7	.5													44	44			
66/ 65				.1									.4	.5	.9	1.6	.9	.5													46	46			
64/ 63				.1								.3	.8	1.2	1.2	1.3	1.1														53	53			
62/ 61								.2	.5	1.6	1.5	1.2	1.7																	58	58	1			
60/ 59								.1	.3	1.2	.6	1.2	.4																	34	34	2	1		
58/ 57							.5	1.2	1.2	.6	.5	.3																		41	41	3			
56/ 55				.1	.2	.6	1.4	1.0	.9	.1																				40	40	15	2		
54/ 53			.2	.1	.3	.9	1.3	.6	.9	.2																				42	42	48			
52/ 51					.5	1.4	.8	.5	.3	.2																				35	35	90			
50/ 49			.2	.5	.5	.4	.5	.5	.2	.2																				30	30	139			
48/ 47			.3	.5	.2	1.0	.5	.4	.2																					32	32	116	1		
46/ 45			.6	.9	.6	.1	.2																							23	23	96	2		
44/ 43		.1	.2	.3	.5	.1																								15	15	93	3		
42/ 41		.3	.3	.5	.2	.4																								17	17	88	14		
40/ 39		.8	.4	.3	.4	.4																								22	22	41	17		
38/ 37		.8	.5	.5	.2																									19	19	49	51		
36/ 35	.2	1.0	.6	.1	.1																									19	19	39	73		
34/ 33	.3	1.0	.6	.3																										19	19	37	56		
32/ 32	.1	1.5	.2	.2																										22	22	32	100		
30/ 29	.2	.1																												3	3	19	78		
28/ 27		.3																												3	3	12	86		
26/ 25		.3																												3	3	4	78		
24/ 23																																	68		
22/ 21		.2																													2	2	64		
20/ 19		.4																													4	4	4	90	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 0-26-5 (O.L.A.) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

4651

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 68-70, 73-79 OCT  
 STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400  
 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
18/ 17																				2	42
16/ 15																					41
14/ 13																					24
12/ 11																					13
10/ 9																					11
8/ 7																					3
4/ 3																					2
1/ 1																					4
TOTAL	.5	6.8	5.3	4.8	4.0	6.1	7.2	8.1	7.2	7.3	8.6	10.9	9.0	6.1	4.9	2.9	.1	930	930	930	

Element (X)	Σx <sup>2</sup>	Σx	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	1572849	31925	34.3	22.658	930						
Dry Bulb	3514647	55659	59.8	14.56	930		3.7	34.8	19.7	4.8	93
Wet Bulb	158732	41556	44.1	7.057	930		7.3				93
Dew Point	10220	24728	26.6	7.958	930		71.3				93

USAFETAC FORM 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

2 16 BUCKLEY ANGB CO STATION NAME

66-70, 73-79 YEARS

OCT 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
44/ 83																.2	.4	6	6	
82/ 81																.5	.5	11	11	
80/ 79														.3	.6	1.1	1.2	30	30	
78/ 77														.6	.6	.8	.1	20	20	
76/ 75											.3	.5	1.2	1.7	.4			39	39	
74/ 73											1.0	1.0	1.7	2.0	.1			54	54	
72/ 71												.5	.8	2.7	1.9	1.1		65	65	
70/ 69												.2	.4	.9	1.3	1.8	.1	44	44	
68/ 67								.1	.6	1.1	1.0	2.4	.9					56	56	
66/ 65								.4	1.6	.3	1.1	1.3						44	44	
64/ 63				.1			.2	1.0	1.9	.9	1.1	.9						52	52	
62/ 61							.8	1.1	2.0	1.2	.9							54	54	
60/ 59				.1		.2	1.2	1.1	.6	.9	.3							41	41	1
58/ 57					.1	.6	.4	1.4	.9	1.0	.3							44	44	1
56/ 55			.1	.1	.1	.8	1.7	1.3	.9	.5								51	51	10
54/ 53			.3	.4	.9	.2	.2	1.0	.1									40	40	55
52/ 51			.1	.2	.9	1.0	.8	.7	.3	.1								34	34	74
50/ 49			.1	.3	.1	.5	.6	.7	.3									22	22	147
48/ 47		.1	.6	1.0	.7	.5	.9	.7	.2									38	38	104
46/ 45		.1	.1	.3	1.1	.4	.2	.2										23	23	114
44/ 43		.4	.8	.4	1.3	.3												30	30	97
42/ 41		.6	.6	.2	.2	.2		.1										19	19	67
40/ 39		.2	.3	.4	.1	.1	.1											12	12	60
38/ 37		.4	.4	.4	.4	.1												17	17	51
36/ 35	.2	.9	.8	.4	.3													24	24	35
34/ 33		1.2	1.0	.1														21	21	34
32/ 31	.1	1.3	.1	.1														15	15	26
30/ 29	.1	.6	.3															10	10	26
28/ 27	.2																	2	2	16
26/ 25	.2	.2																4	4	2
24/ 23	.2																	2	2	4
22/ 21	.2																	2	2	4
20/ 19	.3																	3	3	2
18/ 17	.1																	1	1	4
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	e <sub>x</sub>	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																				

4458  
 USAFETAC FORM JUL 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

68-73, 73-79  
 YEARS

OCT  
 MONTH

PAGE 2 1500-1700  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	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						
16/ 15																							51
14/ 13																							23
12/ 11																							19
10/ 9																							7
8/ 7																							3
6/ 5																							2
4/ 3																							3
TOTAL	1.0	6.9	5.7	4.2	5.7	5.4	8.1	8.3	10.2	7.0	7.4	10.0	8.5	6.3	2.9	2.0	.4	930	930	930	930		
Element (X)	Σx'		Σx		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	1680278		33268		35.8		22.971		930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93						
Dry Bulb	3402458		54754		58.9		13.873		930			3.9	32.5	16.0	3.0		93						
Wet Bulb	133387		40759		43.2		7.116		930			8.0					93						
Dew Point	733596		24998		26.9		8.147		930			68.8					93						

USAFETAC FORM 0-26-5 (OLA) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2703b DUCKLEY ANGCS CO  
 STATION STATION NAME

62-70,73-79  
 YEARS

OCT  
 MONTH

PAGE 1 1800-2000  
 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
78/ 77															.1		1	1		
74/ 73														.2	.2		4	4		
72/ 71											.3	.4	.1				8	8		
70/ 69									.1	.2	.5	.3					11	11		
68/ 67							.1	.1	.5	.6	.2	.1					16	16		
66/ 65							.1	.5	.8	.6	.4	.5					27	27		
64/ 63						.2	.8	1.1	.6	1.0	.2						36	36		
62/ 61						.3	1.4	.9	1.5	.4	.3						45	45		
60/ 59					.1	1.4	.7	1.0	1.3	.4							47	47		
58/ 57					.5	1.4	.6	2.3	.9	.3							53	53		
56/ 55			.2	.3	1.1	1.5	1.4	1.4	.9	.1							61	61		
54/ 53			.1	.4	.4	1.8	1.3	1.9	1.0	.2							67	67	1	
52/ 51			.4	1.7	.9	1.6	1.0	1.3	.1								65	65	9	
50/ 49		.3	.6	.8	.9	1.1	1.6	1.1	.2								61	61	44	
48/ 47		.3	.9	1.2	2.3	1.0	.8	.5									64	64	68	
46/ 45		.3	.5	1.4	1.7	1.2	.8	.3									58	58	88	8
44/ 43		.5	1.7	1.2	1.1	1.1	.3	.1									49	49	113	7
42/ 41		1.0	1.6	1.9	1.3	.5	.3										62	62	106	20
40/ 39		.5	1.2	.9	.4	.2	.1										31	31	129	26
38/ 37		.9	.6	.6	.5	.2											27	27	81	54
36/ 35		1.4	1.0	.5	.2	.2											31	31	91	78
34/ 33		1.8	.9	.8	.8												27	27	49	68
32/ 31	.3	2.6	.8	.2	.3												39	39	54	108
30/ 29	.2	.3	.3	.5													13	13	41	81
28/ 27	.1	.5	.2														10	10	19	67
26/ 25		.6	.1														7	7	16	71
24/ 23		.3															3	3	10	63
22/ 21		.1															1	1	5	62
20/ 19																				70
18/ 17	.1																1	1	1	35
16/ 15	.2																2	2	2	31
14/ 13	.2																2	2	2	27
12/ 11	.1																1	1	1	20
10/ 9																				15
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 4459



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2536      MUCKLEY ANSB CO      68-70,71-79      OCT  
STATION      STATION NAME      YEARS      MONTH  
PAGE 1      2100-2300  
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																
69															.1																		1	1		
67															.1	.1	.1																4	4		
65																.4	.1																7	7		
63																	.2																10	10		
61																.4	.6	.3															17	17		
59											.1	.5	.4				.3	.2														15	15			
57											.3	1.1	1.0	.9	.3	.1																34	34			
55									.4	.3	.9	1.2	1.0	.2																		37	37			
53								.4	1.8	1.1	1.8	.9	.1																			55	55	1		
51						.1			.8	2.5	1.5	1.5	.5	.5																		69	69	1		
49		.1	.4	.9	1.8	2.2	1.4	1.8																									80	80	5	
47		.6	1.1	1.1	2.6	.9	1.6	.2																									75	75	34	
45		.5	.9	2.7	1.9	1.9	1.4	.3	.3																								87	87	43	
43		1.0	2.7	1.5	1.6	.8	.6																										72	72	87	
41		1.0	1.1	1.9	1.9	.9	.2																										54	54	112	
39	.1	.9	2.3	2.0	.5	.3																											57	57	131	
37	.1	2.2	1.1	.9	.4	.1																											44	44	115	
35	.2	1.5	.9	.9	.2																												38	38	107	
33	.6	2.7	1.4	.3	.2																												43	43	93	
31	.9	2.8	.9	.2	.3																												42	42	51	
29	.5	1.7	.4	.4	.1																												30	30	65	
27	.1	1.4	.3	.1																													18	18	35	
25		1.0	.5																														14	14	16	
23		.8	.1																														8	8	22	
21		.3																															3	3	13	
19																																				
17																																				
15																																				
13	.1	.1																																2	2	2
11	.1																																	1	1	7
9	.1																																	3	3	3
7																																				
5																																				
4																																				
Element (X)	Σ X <sup>2</sup>		Σ X		X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

4660 FORM 0-26-5 (OL A) JUL 64  
 USAFETAC  
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27036 BUCKLEY ANGB CO  
STATION STATION NAME

68-70, 73-79  
YEARS

OCT  
MONTH

PAGE 2 2100-2300  
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		
7/ 1																						2	
0/ -1																						3	
TOTAL	2.6	17.0	13.4	12.4	13.8	12.0	10.4	8.5	5.1	2.3	1.4	.1	.1	.1				930	930		930		
Element (X)	Σ X <sup>2</sup>	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	3303526	51572	55.5	21.799	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	1412585	41711	44.8	9.644	930		12.1	.5					93										
Wet Bulb	1302679	34357	36.9	6.323	930		20.4						47										
Dew Point	742544	28202	27.1	8.309	930	.3	67.3						97										

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGR CO 68-70,73-79 OCT 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																
86/ 85																	.0																2	2		
84/ 83																																		14	14	
82/ 81																		.0	.1	.3	.1												36	36		
80/ 79																		.1	.1	.4	.3												66	66		
78/ 77																		.0	.2	.2	.3	.1											59	59		
76/ 75																		.1	.3	.6	.2												106	106		
74/ 73													.0	.0	.2	.4	.5	.7	.7														142	142		
72/ 71													.1	.2	.8	.7	.4	.4															154	154		
70/ 69													.3	.2	.5	.7	.6	.0															158	158		
68/ 67						.0							.2	.5	.5	.7	.4	.0															167	167		
66/ 65					.0								.1	.8	.4	.7	.5	.1															175	175		
64/ 63					.0								.4	.7	.5	.3	.1																211	211		
62/ 61								.0	.3	.8		1.0	.8	.5	.1																		258	258		
60/ 59					.0			.1	.2	.6	.9	.6	.7	.3	.0																		221	222	3	
58/ 57						.0		.7	.3	.8	.8	.8	.6	.1																			253	253	5	
56/ 55				.0	.1	.2	.7	1.3	1.0	.8	.3	.0																					324	324	26	3
54/ 53			.1	.1	.4	1.0	1.0	1.0	.8	.2																							362	362	122	
52/ 51			.0	.3	.9	1.6	1.3	.8	.5	.1																							416	416	218	
50/ 49		.1	.2	.6	1.3	1.3	1.3	1.0	.2	.1																							452	452	435	1
48/ 47		.1	.6	.8	1.6	1.2	1.0	.5	.1																								473	473	465	2
46/ 45		.2	.8	1.3	1.5	1.3	.9	.3	.0																								477	477	535	19
44/ 43		.5	1.2	1.3	1.4	.7	.4	.1	.0																								425	425	661	28
42/ 41		.8	1.3	1.2	.9	.7	.2	.1																									387	387	724	100
40/ 39	.1	1.0	1.6	1.2	.7	.6	.1																										378	378	776	188
38/ 37	.1	1.4	1.3	.7	.6	.1	.0																										311	311	720	346
36/ 35	.2	1.6	1.2	.8	.4	.0																											315	315	707	532
34/ 33	.5	1.9	1.0	.5	.1																												303	303	609	608
32/ 31	.3	2.1	.8	.4	.2	.0																											203	233	435	829
30/ 29	.4	1.0	.6	.3	.1																												172	172	390	745
28/ 27	.3	.8	.7	.1																													114	114	204	636
26/ 25	.1	.8	.3	.0																													88	88	141	586
24/ 23	.0	.6	.1																														53	53	105	472
22/ 21	.0	.4	.2																														33	33	85	504
20/ 19	.0	.2																															19	19	25	589
Element (X)	$\Sigma x^2$		$\Sigma x$		$\bar{x}$	$\sigma_x$	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) JUL 64  
 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4681

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23030 STATION HUCKLEY ANGD CO STATION NAME 66-70,73-79 YEARS OCT MONTH

PAGE 2 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	
13/ 17	.0	.0																5	5	14	423	
12/ 15	.0	.0																5	5	5	314	
14/ 13	.0	.0																5	5	6	188	
12/ 11	.1																	8	8	8	106	
17/ 9	.1	.0																5	5	4	92	
8/ 7	.0																	1	1	2	59	
6/ 5	.0																	3	3	3	17	
4/ 3																					25	
2/ 1																					14	
1/ -1																					7	
-1/ -3																					3	
TOTAL	2.3	13.7	11.5	9.6	10.3	10.0	9.7	7.7	6.3	4.5	3.8	3.7	2.9	2.0	1.2	.6	.1			7440	7439	
																		7439				

Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	° <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21919803	361691	48.6	24.142	7439							
Dry Bulb	19179787	364241	47.2	13.459	7441			79.4	90.4	42.5	6.1	744
Wet Bulb	1164135	290551	38.9	7.524	7439			143.2				744
Dew Point	5746150	198118	24.6	7.747	7439	1.0	561.1					744

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/4AC

# PSYCHROMETRIC SUMMARY

2136 BUCKLEY ANGB CO  
 STATION STATION NAME

68-73, 73-79  
 YEARS

NOV  
 MONTH

PAGE 1 0000-0200  
 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
59																		1	1		
58																		2	2		
55																		1	1		
54																		2	2		
51																		8	8		
50																		16	16		
47																		16	16		
45																		26	26		
43																		37	37		
41																		60	60	8	
39																		59	59	32	1
37																		46	46	32	5
35																		76	76	72	5
33																		78	78	90	12
31																		74	74	93	32
29																		63	63	106	47
27																		71	71	103	54
25																		61	61	90	56
23																		31	31	63	79
21																		54	54	63	117
19																		50	50	61	129
17																		21	21	40	84
15																		11	11	5	91
13																		8	8	17	47
11																		14	14	11	36
9																		2	2	9	22
7																		2	2	5	28
5																		2	2	2	13
3																		3	3	3	6
1																				2	17
-1																		1	1	1	3
-3																		1	1	1	1
-5																		2	2	2	2
-7																		1	1	3	1
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.					Mean No. of Hours with Temperature											
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO 68-70, 73-79 NOV  
 STATION STATION NAME YEARS MONTH

PAGE 2 0000-0200  
 HOURS (L. S. Y.)

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
-2/-9																					2
-10/-11																					1
-16/-17																					1
-18/-19																					3
TOTAL	1.6	3.0	2.2	0.3	14.6	12.2	6.3	4.0	0.7	0.7	0.1						900	900	900	900	

Element (X)	Σx <sup>2</sup>	Σx	̄x	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	3987967	27319	83.7	19.374	900							
Dry Bulb	978407	28360	31.5	9.713	900		47.2					900
Wet Bulb	712039	24439	27.2	7.383	900		67.6					900
Dew Point	391541	17583	19.3	7.876	900	1.4	27.7					900

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2733b BUCKLEY ANG CO  
 STATION STATION NAME

68-70, 73-79  
 YEARS

NOV  
 MONTH

PAGE 1 0300-0500  
 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															
50/ 55								.1	.1	.2								6	6																	
54/ 53							.1	.1	.1									3	3																	
52/ 51						.1	.4	.1										6	6																	
50/ 49						.1	.9	.4										13	13																	
48/ 47					.1	.8	.2											10	10																	
46/ 45					.3	1.0	.8	.1										20	20																	
44/ 43				.1	1.0	3.1	.7	.1										45	45																	
42/ 41			.5	.9	1.5	1.8	.4											47	47	7																
40/ 39		.3	.7	1.1	1.2	1.3	.2											44	44	11																
38/ 37		.7	.6	1.8	2.3	.8	.1											56	56	72																
36/ 35		1.2	1.9	1.8	2.4	.3												69	69	52	3															
34/ 33	.6	1.3	1.6	1.8	1.2	.4												62	62	87	12															
32/ 31	1.1	3.3	3.6	2.3	.4													94	94	93	27															
30/ 29	.7	2.1	3.2	1.9														71	71	104	43															
28/ 27	.9	2.9	1.7	.8	.1													55	55	49	41															
26/ 25	.9	4.3	2.4	.6														74	74	106	57															
24/ 23	.2	2.7	1.7	.1														42	42	63	52															
22/ 21	1.2	2.9	.7	.2														45	45	69	96															
20/ 19	1.3	2.7	.6															41	41	45	138															
18/ 17	1.6	1.9	.6	.1														37	37	41	106															
16/ 15	.7	.9	.3															17	17	30	92															
14/ 13	.1	.6		.1														7	7	11	55															
12/ 11	.2	1.0																11	11	11	45															
10/ 9		.4	.3															7	7	11	31															
8/ 7	.1	.1	.1															3	3	4	22															
6/ 5	.1	.1																2	2	5	15															
4/ 4	.6																	5	5	6	13															
2/ 1	.1																	1	1	1	19															
0/ -1	.1																	1	1	1	9															
-2/ -3		.4																4	4	1	1															
-4/ -5		.1																1	1	4																
-6/ -7		.1																1	1																	
-8/ -9																				1	1															
-10/-11																					1															
Element (X)	Σx'	Σx	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	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 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 HUCKLEY ANGR CO  
 STATION STATION NAME

58-70, 73-79  
 YEARS

NOV  
 MONTH

PAGE 2 0300-0500  
 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	
-12/-13																					4	
-14/-15																					3	
-16/-17																					3	
TOTAL	10.4	30.1	20.1	13.0	11.0	9.8	3.9	1.2	.2	.2								900		902		
																	900		900			
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	399077	57193	63.5	19.908	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb	736397	27510	30.6	9.978	900	.7	51.9					91										
Wet Bulb	673998	23668	26.3	7.576	900	.7	71.1					92										
Dew Point	359097	16446	18.3	6.71	900	2.2	48.4					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

23-36 SUCKLEY ANGB CO  
 STATION STATION NAME

66-70, 73-79  
 YEARS

NOV  
 MONTH

PAGE 1 0600-0800  
 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
80/ 59												.1						1	1	
80/ 57																		2	2	
56/ 55													.3					3	3	
47/ 53												.1	.3	.2				6	6	
27/ 51									.1	.2	1.2	.1					15	15		
52/ 49										.6	.6	.1					11	11		
48/ 47						.2	.4	1.1	.6								21	21		
42/ 45				.1	.9	1.9	.9	.1									35	35		
49/ 43				.3	1.4	1.2	.4										31	31	2	
42/ 41			.1	.6	1.8	1.6	.8										43	43	7	
45/ 39		.1	.4	1.0	1.7	1.4	.1										46	46	15	
38/ 37		.2	1.2	2.2	2.4	.4	.1										60	60	40	
75/ 35		.6	1.3	1.3	.9	.8											44	44	55	
74/ 33	.7	1.9	1.7	2.1	1.2	.2											67	67	79	
72/ 31	1.1	3.1	2.2	2.4	.7	.1											88	88	99	
71/ 29	1.1	2.0	3.0	2.7	.1												40	40	103	
78/ 27	.6	2.6	1.7	.8	.1												51	51	77	
66/ 25	.4	4.0	1.7	.2													57	57	101	
64/ 23	.3	2.3	1.3	.4													40	40	73	
62/ 21	.4	3.6	1.1	.2													48	48	84	
27/ 19	1.9	3.2	1.2														55	55	63	
10/ 17	1.2	.9	.6	.1													25	25	47	
16/ 15	.2	1.1	.7														18	18	19	
14/ 13	.3	1.1	.2	.1													16	16	16	
12/ 11	.4	.7															10	10	13	
10/ 9	.2	.4	.2														8	8	12	
8/ 7		.4															4	4	4	
6/ 5																	4	4	4	
4/ 3	.6																4	4	4	
2/ 1	.6	.1															6	6	5	
0/ -1		.1															1	1	1	
-2/ -3																				1
-4/ -5		.1															1	1	1	
-6/ -7		.1															1	1	1	
Element (X)	Σ X'		Σ X		X	σ <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature						Total					
Ref. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 4604 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23076 BUCKLEY ANG B CO 68-70,73-79 NOV  
 STATION STATION NAME YEARS MONTH

PAGE 2 0600-0800  
 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
-8/-9		.1																1	1	1
-10/-11	.1																	1	1	2
-12/-13																				3
-14/-15																				3
-16/-17																				1
-18/-19																				2
TOTAL	9.8	28.8	18.4	14.9	11.4	8.6	4.3	3.0	.8	.1							900	900	900	

Element (X)	Σ X'	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3882571	50155	62.4	20.527	900		51.5					90
Dry Bulb	458190	27762	37.8	10.43	900		70.2					90
Wet Bulb	67919	23657	25.3	7.782	900	2.6	89.2					91
Dew Point	351010	16150	17.9	8.251	900							

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/LMAC

# PSYCHROMETRIC SUMMARY

2436 BUCKLEY ANGR CO  
STATION STATION NAME

68-70,73-79  
YEARS

NOV  
MONTH

PAGE 1 0900-1100  
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					1	1		
72/ 71															.1			1	1		
70/ 69												.3						3	3		
68/ 67										.1		.4						6	6		
66/ 65												.3	.4					9	9		
64/ 63									.1		1.1	1.1	.2					23	23		
62/ 61										.4	.7	.7	.1					17	17		
60/ 59								.7	1.1	1.2	.3							30	30		
58/ 57								.5	1.3	.7								18	18		
56/ 55					.1			1.2	1.3	.7								31	31		
54/ 53						.3	1.1	1.4	.9	.2								36	36		
52/ 51						.3	2.0	1.3	.1									34	34	1	
50/ 49				.2	.2	1.6	1.3	1.0	.3									41	41	3	
48/ 47				.2	1.1	1.7	1.2	.7	.1									52	52	10	
46/ 45				.7	.8	1.4	.9	.8										41	41	33	
44/ 43			.2	.7	2.3	2.1	1.0											57	57	46	
42/ 41			.4	.9	1.3	.9	.2											34	34	66	
40/ 39		.3	.9	.6	2.3	.6												44	44	82	2
38/ 37			.7	1.6	2.7	.4												48	48	67	3
36/ 35		.3	1.4	2.0	.8	.3												44	44	78	11
34/ 33		1.4	1.7	2.0	.6	.1												54	54	73	9
32/ 31		.2	2.0	1.7	1.6	.6												54	54	76	37
30/ 29		.4	2.2	1.3	1.1													47	47	90	60
28/ 27		.6	2.2	1.1	.7	.1												42	42	67	74
26/ 25		.8	2.4	1.2														40	40	66	88
24/ 23		.7	.8	.5	.2	.3												22	22	95	97
22/ 21		.3	.7	1.0	.1													19	19	24	121
20/ 19		.4	.8	.7	.1													21	21	18	111
18/ 17		.2	.8	.3														12	12	22	85
16/ 15			.2	.1	.1													4	4	14	55
14/ 13			.4	.1														5	5	5	26
12/ 11			.3	.1														4	4	5	47
10/ 9				.1																5	20
8/ 7				.1														1	1		24
Element (X)	Σx <sup>2</sup>	Σx	X	x <sub>a</sub>	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2736 BUCKLEY ANGB CO  
STATION STATION NAME

66-70,73-79  
YEARS

NOV  
MONTH

PAGE 2 0900-1100  
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			
0/ 5	.1		.1															2	2	2	13			
4/ 3			.1															1	1	1	6			
0/ 1																				1	3			
0/ -1																				1	2			
-2/ -3																					1			
-4/ -5		.2																2	2	1	1			
-6/ -7																				1	3			
-11/-11																					1			
-14/-15																					1			
-16/-19																					1			
-20/-21																					1			
-24/-25																					1			
TOTAL	4.2	15.2	13.8	12.7	13.3	10.1	8.9	7.7	5.3	4.6	2.7	1.3	.1	.1				900	900	900	900			

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2721629	45521	57.6	1.595	900							9
Dry Bulb	1612716	36246	40.3	1.14	900	.2	27.6	1.1	.1			9
Wet Bulb	1.06164	29133	32.4	8.371	900	.1	44.1					9
Dew Point	439795	13659	2.07	7.675	900	1.2	87.6					9

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2-236 BUCKLEY ANGB CO 88-70,73-79 NOV  
 STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400  
 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															
70/ 77															.1																	1	1		
70/ 75															.4	.1																5	5		
74/ 73														.7	.3																	5	5		
74/ 71													.2	.7	.1																	11	11		
71/ 69												.1	.2	1.4																		16	16		
68/ 67											.1	.2	1.3	.3																		22	22		
66/ 65												.2	.6	1.0																		18	18		
64/ 63											.3	1.6	1.0	.6																		30	30		
62/ 61										.1	1.2	1.0	.4	.2																		27	27		
63/ 59										.6	1.1	2.6	.9	.2																		48	48		
58/ 57							.7	.1	.9	1.9	1.0	.2																				39	39		
56/ 55						.2	1.4	1.7	1.8	.4																						50	50		
74/ 53					.1	.4	.7	1.8	.7	.2																						35	35	2	
62/ 51				.2	.2	1.7	1.2	.7	.9	.2																						47	47	2	
55/ 46				.1	.1	1.3	1.4	1.0	.6																							41	41	14	
47/ 47			.1	.1	1.7	1.7	1.2	.2																								45	45	32	
46/ 46				.3	.9	2.1	1.7	.4	.2																							51	51	78	
44/ 43			.1	.2	.9	2.1	.7	.1																								37	37	73	
42/ 41			.1	.9	1.3	1.3	.3																									36	36	86 4	
41/ 37		.1	.9	1.2	1.6	.8	.1																									44	44	69 5	
70/ 37		.1	.7	1.2	1.4	.3	.1																									39	39	66 5	
72/ 35		.6	.8	2.1	.8	.4																										42	42	81 2	
34/ 33		.7	.9	1.8	.8																											37	37	75 15	
32/ 31		1.3	1.2	.8	.3																											33	33	68 46	
71/ 29		.7	1.3	.4	.4	.1																										27	27	63 54	
70/ 27	.6	1.2	.8	.8																												32	32	53 64	
76/ 25	.8	2.3	.7	.4																												38	38	47 85	
74/ 23	.1	1.1	.4	.6																												19	19	36 79	
72/ 21	.3	.2	.4																													9	9	22 127	
70/ 19	.1	.2	.2																													3	3	15 140	
17/ 17		.2	.1	.2																												5	5	4 67	
16/ 15		.3	.1																													4	4	4 45	
14/ 13		.1																														1	1	4 51	
12/ 11																																	3	3	52
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	σ <sub>X</sub>	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 HUCKLEY ANGB CO

68-70, 73-79

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)															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
76/ 75														.1	.1			2	2		
74/ 73														.1				1	1		
72/ 71										.1		.3		.1				5	5		
70/ 69									.4		.1	.7						11	11		
68/ 67										.1	1.2							12	12		
66/ 65										.1	.4	.6						11	10		
64/ 63							.1	.1	.6	.8	.9	.1						23	23		
62/ 61							.1	.3	.4	.4	.3							15	15		
60/ 59						.2	.2	.2	.8	1.0	.4							24	24		
58/ 57						.2	.6	.7	1.7	.6								35	35		
56/ 55						.4	.7	1.8	1.0	.4								39	39		
54/ 53					.3	.6	1.9	1.6	.6	.6								49	49	1	
52/ 51				.1	.3	1.4	1.3	.3	.7	.1								39	39	5	
50/ 49		.1	.2	.3	.4	2.3	1.6	.6	.6									55	55	9	
48/ 47		.1	.6	.9	2.6	.8	.9	.2										54	54	25	
46/ 45		.2	.6	.9	1.6	1.1	.8											46	46	52	
44/ 43		.2	.2	1.8	2.7	1.7	.3											56	56	46	3
42/ 41		.4	.7	1.4	1.0	.4	.2											38	38	97	1
40/ 39	.1	1.0	1.3	1.1	1.4	.1												46	46	77	5
38/ 37	.1	.4	2.0	1.1	.8													40	40	65	15
36/ 35	.4	1.1	2.8	1.1	.4													53	53	65	16
34/ 33	.8	.8	1.6	.4	.1													33	33	98	24
32/ 31	.1	.8	2.1	.8	.6													39	39	71	56
30/ 29	.4	1.1	.9	.7	.4													32	32	66	52
28/ 27	.6	2.0	.8	.7														36	36	63	64
26/ 25	.4	2.8	.8	.4														40	40	49	99
24/ 23	.2	1.4	1.0	.1														25	25	48	88
22/ 21	.7	.2	.7	.1														15	15	29	109
20/ 19	.1	.7	.1															8	8	14	102
18/ 17	.2	.2	.2															6	6	9	57
16/ 15	.2	.1																3	3	3	48
14/ 13	.4	.1																5	5	11	27
12/ 11	.2																	2	2	3	42
10/ 9																				1	22
Element (X)	Σ X <sup>2</sup>	Σ X	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 0-26-5 (U.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

68-70, 73-79

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 0

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	
37 7			.1															1	1		26	
67 5		.1																1	1		26	
47 3																				2	5	
27 1		.1																1	1		6	
37 -1																				1	1	
-27 -3																					3	
-12/-13																					3	
TOTAL	2.4	1.2	1.9	1.3	1.1	1.2	1.5	1.8	9.9	7.8	6.4	4.4	2.3	2.0	1.0	.3	.1			900		900
																		9.0		9.0		

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	2417801	42773	47.5	20.694	900							900
Dry Bulb	1809501	38629	42.9	12.982	900		21.4	3.1	.3			900
Wet Bulb	1109253	30693	34.1	8.339	900	.1	37.0					900
Dew Point	479818	19436	21.6	8.175	900	.7	83.6					900

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY AFB CO

68-70, 73-70

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

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
64/ 63																	.1	1	1		
62/ 61										.3	.1	.1						5	5		
60/ 59									.1	.2								3	3		
58/ 57							.1	.2	.1		.1							5	5		
56/ 55								.6	.3	.1								11	11		
54/ 53					.1	.1	.3	.4	.4									13	13		
52/ 51					.2	.3	.4	.6	.3									17	17		
50/ 49					.2	1.1	1.9	.6	.1									35	35		
48/ 47				.8	.9	1.7	1.2	.1										41	41	1	
46/ 45			.5	.8	1.3	1.8	.7	.2										46	46	2	
44/ 43		.1	.2	1.3	1.2	1.1	.7	.4										64	64	16	
42/ 41		.4	2.0	2.4	.7	.3												53	53	27	
40/ 39		.2	1.9	1.4	2.1	1.3	.2											65	65	53	
38/ 37		.2	2.0	2.2	1.8	.8												63	63	78	
36/ 35		1.1	1.1	2.1	2.1	.4	.1											63	63	98	
34/ 33	.1	1.9	1.4	1.4	1.0	.2												55	55	76	
32/ 31	.3	1.9	2.2	1.6	.7													60	60	83	
30/ 29	.9	1.3	2.4	.8	.8													56	56	92	
28/ 27	.2	2.7	1.9	.4														47	47	79	
26/ 25	.7	2.7	1.3	.9														60	60	81	
24/ 23	.7	3.1	.8	.2														43	43	61	
22/ 21	1.1	1.4	.4	.1														28	28	58	
20/ 19	1.2	1.0	.8															27	27	34	
18/ 17	.4	.7	.6															15	15	10	
16/ 15	.1	.9	.4															13	13	13	
14/ 13	.1	.8	.2															10	10	14	
12/ 11		.7																6	6	11	
10/ 9		.1																1	1	8	
8/ 7		.1																1	1	1	
6/ 5																				23	
4/ 3																				11	
2/ 1																				10	
0/ -1		.1																1	1	3	
-2/ -3																				1	
Element (X)	ΣX <sup>2</sup>	ΣX	X	σ <sub>x</sub>	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 CUCKLEY ANGB CO  
 STATION STATION NAME

68-70, 73-79  
 YEARS

NOV  
 MONTH

PAGE 1 2100-2300  
 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																
56/ 57								.1	.2	.1																						4	4			
56/ 55								.2																									2	2		
54/ 53								.3																									3	3		
52/ 51						.1		.3	.5																								9	9		
50/ 49					.1	.4	.6	.1																									11	11		
48/ 47				.1	.1	1.4	1.3	.1																									28	28		
46/ 45			.2	.2	.6	1.7	.4																										28	28		
44/ 43		.3	.2	1.1	2.2	2.2	.3																										56	56	3	
42/ 41		.7	.2	2.2	2.9	1.4	.8																										74	74	12	2
40/ 39		.3	.9	1.8	1.9	1.3	.3																										59	59	24	3
38/ 37		.2	2.0	2.0	1.4	.2																											53	53	51	7
38/ 35		1.2	1.9	1.8	1.6	.2																											60	60	86	7
34/ 33	.2	1.2	1.6	2.7	.9																												59	59	96	5
32/ 31	.4	2.9	2.6	2.7	.2																												79	79	89	24
30/ 29		1.6	2.8	1.6	.4																												57	57	88	71
28/ 27	1.0	3.0	2.8	1.3	.1																												74	74	84	60
26/ 25	.6	3.2	1.6	.4																													52	52	89	53
24/ 23	.7	2.4	1.1																														38	38	77	80
22/ 21	1.2	3.0	1.2	.2																													51	51	57	119
20/ 19	1.7	2.3	.8																														43	43	57	114
18/ 17	.7	.6	.4																														15	15	28	88
16/ 15	.4	.9	.3																														15	15	16	71
14/ 13		1.1	.1																														11	11	12	51
12/ 11	.2	.8																															9	9	15	40
10/ 9		.4																															4	4	7	32
8/ 7		.1																															1	1	4	28
6/ 5	.1	.1																															2	2	1	7
4/ 3																																			1	13
2/ 1																																				16
0/ -1																																			4	
-2/ -5		.2																															2	2	1	
-4/ -7		.1																															1	1	2	
-6/ -9																																				1
-18/ -19																																				3
Element (X)	Z <sub>H</sub> <sup>1</sup>	Z <sub>H</sub>	I	° <sub>s</sub>	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 0-26-5 (OLA) AIR 84 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 CUCKLEY ANGR CO

68-77, 73-79

NOV

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															
76/ 77															.0											.0						1	1		
76/ 75															.0												.0						7	7	
74/ 73															.0											.0							7	7	
72/ 71												.0	.0	.0	.1	.0										.0						17	17		
70/ 69												.1	.0	.1	.3											.0						30	30		
68/ 67												.0	.1	.4	.0											.0						40	40		
66/ 65												.1	.2	.2												.0						37	37		
64/ 63									.0	.0	.1	.4	.4	.1												.0						77	77		
62/ 61								.0	.0	.2	.4	.7	.2	.1												.0						64	64		
60/ 59							.0	.0	.2	.4	.7	.2	.1												.0							107	107		
58/ 57							.1	.1	.3	.6	.3	.0													.0							105	105		
56/ 55					.0	.1	.3	.6	.6	.2															.0							143	143		
54/ 53					.1	.2	.5	.6	.4	.1															.0							147	147	3	
52/ 51				.1	.1	.5	.8	.7	.3	.0														.0							175	175	8		
50/ 49			.0	.1	.2	.9	1.2	.5	.2															.0							223	223	26		
48/ 47			.0	.2	.4	1.4	1.1	.5	.1															.0							267	267	68		
46/ 45			.1	.1	.3	.8	1.6	.9	.3	.0														.0							293	293	165		
44/ 43		.1	.1	.6	1.8	2.1	.7	.1																.0							393	383	186	3	
42/ 41		.2	.3	1.1	1.9	1.3	.5	.1																.0							385	385	310	7	
40/ 39		.3	.9	1.2	1.8	1.3	.2																	.0							407	407	353	18	
38/ 37		.2	1.0	1.8	2.0	.5	.0																	.0							405	405	431	44	
36/ 35	.1	.9	1.4	2.0	1.4	.5	.0																	.0							451	451	587	55	
34/ 33	.2	1.4	1.6	2.0	.9	.1																		.0							445	445	664	102	
32/ 31	.5	2.3	2.3	1.7	.5	.0																		.0							521	521	672	301	
30/ 29	.5	1.7	2.2	1.3	.3	.0																		.0							433	433	712	429	
28/ 27	.8	2.5	1.6	.7	.1																			.0							408	408	625	472	
26/ 25	.7	3.1	1.5	.5																				.0							412	412	624	595	
24/ 23	.4	2.0	.9	.3	.0																			.0							263	260	476	616	
22/ 21	.9	1.9	.8	.1																				.0							269	269	366	878	
20/ 19	1.1	1.7	.6	.0																				.0							248	248	307	961	
18/ 17	.7	.7	.4	.1																				.0							136	136	207	649	
16/ 15	.2	.7	.3	.0																				.0							85	85	104	559	
14/ 13	.1	.6	.1	.0																				.0							63	63	90	352	
12/ 11	.1	.6	.0																					.0							56	56	77	333	
Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	Y	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum						≤ 3 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OLA) AIR 64 USAFETAC  
 BRIDGE REVISIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

68-70, 73-79

NOV

STATION

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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
10/ 9	.0	.2	.1															22	22	53	222
8/ 7	.1	.1	.1															14	14	16	200
6/ 5	.0	.1	.0															11	11	14	131
4/ 3	.1	.0	.0															13	13	18	76
2/ 1	.1	.0																8	8	10	93
0/ -1	.0	.0																4	4	5	36
-2/ -3		.1																5	5	4	8
-4/ -5		.1																8	8	7	6
-6/ -7		.1																6	6	7	5
-8/ -9		.0																1	1	3	4
-10/ -11	.0																	1	1	2	6
-12/ -13																					11
-14/ -15																					0
-16/ -17																					7
-18/ -19																					11
-20/ -21																					1
-24/ -25																					1
TOTAL	6.3	21.6	16.6	14.2	12.3	10.5	6.4	4.3	3.0	2.2	1.1	.9	.5	.2	.0			7200		7200	7200
																		7200		7200	

Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	26294754	406168	56.4	21.674	7200							7200
Dry Bulb	10592895	260605	36.2	12.695	7200	2.5	298.4	10.2	1.5			7200
Wet Bulb	6956535	215145	29.9	8.562	7200	2.8	439.9					7200
Dew Point	3302547	143141	19.9	8.318	7200	10.4	697.1					7200

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

68-70,73-79

DEC

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0000-0200

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
50/ 59									.1									1	1		
58/ 57									.1									1	1		
56/ 55									.1									1	1		
52/ 51								.1	.2	.1	.1							5	5		
50/ 49								.1	.3	.2								6	6		
48/ 47						.1	.1											2	2		
46/ 45					.1	.6	.3											10	10		
44/ 43				.2	.6	.6	.3	.5	.2									24	24	2	
42/ 41				.4	1.4	1.2	.5	.1										34	34	1	
40/ 39				.8	1.7	1.7	.8											46	46	1	
38/ 37			.4	.8	1.2	1.5	.4											40	40	13	
36/ 35			1.6	1.4	2.3	1.0												58	58	20	
34/ 33		.5	1.0	3.2	2.5	.4												71	71	36	
32/ 31		1.2	1.4	5.6	2.3	.3												100	100	62	
30/ 29	.2	.8	1.7	3.2	1.2	.1												67	67	83	
28/ 27	.2	2.1	1.6	2.8	.3													65	65	105	
26/ 25	.5	1.9	2.5	1.1	.2													58	58	122	
24/ 23		1.2	1.8	1.1														38	38	79	
22/ 21	.2	2.1	4.4	.2														64	64	76	
20/ 19	.1	3.0	1.3	.5														46	46	71	
18/ 17	.1	2.1	.8	.1														28	28	60	
16/ 15	.4	3.2	1.0	.2														45	45	30	
14/ 13	.4	1.9	1.0															31	31	53	
12/ 11	.5	1.4	.1															19	19	29	
10/ 9	.1	1.8	.1															19	19	27	
8/ 7	.2	1.4																15	15	15	
6/ 5	.2	.2	.1															5	5	12	
4/ 3	.3	.3																6	6	7	
2/ 1	.8	.1																8	8	8	
0/ -1	.2																	2	2	3	
-2/ -3	.3	.3																6	6	4	
-4/ -5																				2	
-6/ -7																					
-8/ -9																				4	
Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	1-32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
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**

23036 SUCKLEY ANGB CO 68-70, 73-79 DEC  
 STATION STATION NAME YEARS MONTH  
 PAGE 2 0000-0200  
 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/-11	.1																																	1	1	1	4
14/-15	.2																																	2	2	2	4
16/-15																																					4
20/-21																																					2
TOTAL	5.3	25.6	20.9	21.8	13.9	7.7	7.7	1.3	.8	.1																								924	924	924	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s^2$	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	790858	25168	27.2	10.683	924	1.1	62.9					93
Wet Bulb	532917	20831	22.5	8.281	924	1.2	65.7					93
Dew Point	210063	11609	12.6	8.341	924	6.7	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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 STATION NAME

68-70, 73-79  
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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
54/ 53									.1									1	1	
52/ 51								.2										2	2	
50/ 49							.2	.1										3	3	
48/ 47					.2	.3	.4	.1	.2									12	12	
46/ 45					.1	.4	.3	.1										9	9	
44/ 43				.2	.4	.8	.4	.3										20	20	
42/ 41				.8	1.2	1.0	.6	.2										35	35	
40/ 39				.8	1.3	2.1	.6											44	44	8
38/ 37				.5	.4	2.6	1.1	.5										48	49	8
36/ 35				.8	1.2	2.2	.3	.1										42	42	22
34/ 33		.5	.9	2.3	3.2	.2	.1											67	67	33
32/ 31		1.4	.4	2.2	2.5	.2												72	72	57
30/ 29			.4	1.9	4.3	1.3												74	74	85
28/ 27	.8	1.0	2.6	3.4	.6													77	77	78
26/ 25	.2	1.8	3.0	1.8	.1													65	65	108
24/ 23	.5	1.4	1.7	1.0														43	43	105
22/ 21	.2	1.8	3.0	.5														52	52	78
20/ 19	.3	2.1	2.7	.4														51	51	62
18/ 17	.4	3.0	1.2	.5														48	48	61
16/ 15	.1	2.3	1.3															34	34	54
14/ 13	.3	2.1	.5															27	27	35
12/ 11	.5	2.3	.2															28	28	43
10/ 9	.4	1.4	.1															18	18	25
8/ 7	.1	1.2																12	12	17
6/ 5	.1	.9																9	9	13
4/ 3	.6	.8																13	13	11
2/ 1	.2	.4																6	6	6
0/ -1	.5																	5	5	8
-2/ -3	.1	.2																3	3	3
-4/ -5	.1																	1	1	1
-6/ -7																				11
-8/ -9																				5
-10/-11																				3
-12/-13	.3																	3	3	3
Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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																				

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
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**PSYCHROMETRIC SUMMARY**

**23036**      **BUCKLEY ANGB CO**  
 STATION      STATION NAME

**68-70,73-79**  
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PAGE **2**      **0300-0500**

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
-14/-15																				1
-16/-17																				1
-18/-19																				2
-20/-21																				2
TOTAL	6.1	25.0	21.0	20.9	15.8	6.4	3.7	1.0	.2								924	924	924	924
Element (X)	Σx'	Σx		Y	%	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	3288555	52485		56.8	18.2	46	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93							
Dry Bulb	761099	24591		26.6	10.7	49		1.2	64.5				93							
Wet Bulb	513422	20348		22.0	8.4	13		1.5	85.9				93							
Dew Point	197233	11029		11.9	8.4	30		8.4	93.0				93							

USAFETAC FORM 0-20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
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# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

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0600-0800

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						
52/ 51							.1											1	1								
50/ 49						.3	.1	.1	.1									6	6								
48/ 47						.1	.3	.1	.1									6	6								
46/ 45				.1		.1	.5	.3	.1									11	11								
44/ 43		.1		.1	.7	1.0	.5	.2										24	24								
42/ 41			.1	.3	1.0	1.6	1.4											41	41	2							
40/ 39			.2	1.0	1.3	1.5	.5											42	42	4	1						
38/ 37			.4	.5	1.8	1.4	.2											41	41	5							
36/ 35			.4	1.5	2.3	1.4	.3											55	55	19							
34/ 33		.1	.5	2.4	3.9	.1												65	65	46	1						
32/ 31		1.8	.7	3.1	2.6	.2												78	78	52	4						
30/ 29	.2	.9	2.1	3.4	.9	.1												69	69	52	1						
28/ 27	.5	.9	1.7	2.4	.9													59	59	88	30						
26/ 25	.2	1.1	1.8	2.4	.4													55	55	104	33						
24/ 23	.1	2.0	2.2	1.0														48	48	89	20						
22/ 21	.3	1.6	3.1	1.3	.1													60	60	74	40						
20/ 19	.8	2.9	3.1	.6														70	70	71	61						
18/ 17	.3	1.6	1.7	.1														35	35	69	76						
16/ 15	.1	2.7	1.0															35	35	54	83						
14/ 13	.1	2.5	.4															28	28	44	70						
12/ 11	.4	1.7	.3															23	23	32	40						
10/ 9	.2	1.3	.3															17	17	20	95						
8/ 7	.1	.9	.1															10	10	20	94						
6/ 5	.4	.9																12	12	9	62						
4/ 3	.8	.8																14	14	19	47						
2/ 1	.3	.4																7	7	7	42						
0/ -1	.4																	4	4	6	27						
-2/ -3	.1	.1																2	2	1	18						
-4/ -5	.1																	1	1	2	15						
-6/ -7																					8						
-8/ -9	.1	.1																2	2	1	5						
-10/-11	.2																	2	2	3	4						
-12/-13																					2						
-14/-15																					1						
Element (X)	$\Sigma X^2$	$\Sigma X$	$\Sigma$	$\sigma^2$	No. Obs.																	Mean No. of Hours with Temperature					
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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



GLOBAL CLIMATOLOGY BRANCH  
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# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

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0900-1100

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
62/ 51									.1	.2								3	3		
60/ 59									.1	.6								7	7		
58/ 57								.1	.4	.2								9	9		
56/ 55							.1	.6	.3	1.1	.2							22	22		
54/ 53						.1	.2	1.0	1.4	.5								30	30		
52/ 51						.9	1.2	1.1	.1									30	31		
50/ 49					.6	1.2	2.3	1.0										47	47		
48/ 47					.1	.9	1.2	1.1	.5									35	35		
46/ 45				.1	.6	1.6	2.2	1.3	.1									52	52	1	
44/ 43				.2	.6	1.9	1.4	.3										42	42	8	
42/ 41			.1	.9	1.1	2.2	1.5	.3										56	56	16	
40/ 39			.2	1.6	1.9	1.2												46	46	49	
38/ 37			.1	.6	1.6	1.7	.6											44	44	64	
36/ 35		.1	.5	1.5	2.1	1.9	.1											58	58	86	
34/ 33		.3	.6	2.1	2.3	.6	.1											56	56	63	
32/ 31		1.6	1.2	2.5	1.5	.5												68	68	72	0
30/ 29	.5	.4	1.7	2.7	.6	.2												58	58	98	19
28/ 27	.1	1.7	1.1	2.1	.1													47	47	81	40
26/ 25	.1	1.5	2.2	1.4	.1													49	49	100	41
24/ 23		.6	1.4	1.0														24	28	67	43
22/ 21		1.2	1.3	.2														25	25	56	53
20/ 19	.1	2.1	.5	.2														27	27	39	96
18/ 17	.3	1.5	.1															18	18	34	74
16/ 15		.6																6	6	23	78
14/ 13	.2	.5	.2															9	9	10	99
12/ 11		1.1	.1															11	11	6	115
10/ 9		1.0																9	9	13	61
8/ 7		.8																7	7	11	46
6/ 5	.4	.4																8	8	7	45
4/ 3	.4	.1																5	5	8	32
2/ 1	.4	.2																6	6	4	35
0/ -1	.1	.2																3	3	3	14
-2/ -3																				2	11
-4/ -5		.2																2	2		0
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
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**PSYCHROMETRIC SUMMARY**

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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																
-6/-7		.1																															1	1	2	3	
-8/-9																																			1	1	4
-10/-11																																				1	2
-12/-13																																				1	1
-14/-15																																				1	1
-15/-17																																				1	1
-16/-19																																				1	1
TOTAL	2.9	16.5	11.3	15.7	12.4	14.4	7.7	7.9	5.0	2.3	1.1																								924	924	924

USAFETAC FORM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2418147	43461	47.0	20.128	924	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1279399	32341	35.0	2.638	924	.6	39.0					93
Wet Bulb	772310	25462	27.6	8.750	924	.8	64.1					93
Dew Point	249503	15210	14.3	8.089	924	4.1	93.0					93



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGR CO

68-70, 73-79

DEC

STATION STATION NAME

YEARS

MONTH

PAGE 1 1200-1400  
 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
68/ 67																	.1	1	1		
66/ 65																	.2	.6	8	8	
64/ 63										.1						.2	.6	15	15		
62/ 61											.3					.4	.9	27	27		
60/ 59										.1	.8					1.2	1.5	36	36		
58/ 57										.2	.6					1.0	1.0	27	27		
56/ 55								.1	.2	.6	1.2					1.8	.3	40	40		
54/ 53								.1	.6	.8	1.4					1.3		39	39		
52/ 51								.4	1.0	1.2	1.4					.9		45	45		
50/ 49						.1		.5	1.5	1.4	1.1					.1		44	44	1	
48/ 47						.3	1.3	2.1	1.0	.4								47	47		
46/ 45				.2	1.3	1.4	1.9	1.0	.6									66	66	13	
44/ 43			.1	.1	.9	1.0	1.2	1.0										39	39	34	
42/ 41				.8	1.7	.9	2.6	.5										53	53	50	
40/ 39			.2	.1	1.8	1.8	1.3											46	46	81	
38/ 37			.3	.6	1.5	2.3	.6											50	50	93	
36/ 35			.1	1.2	1.8	1.9	.4											51	51	91	2
34/ 33		.4	.5	1.4	1.4	.6	.1											42	42	62	4
32/ 31	.1	1.2	1.1	1.7	1.3	.8												63	63	73	13
30/ 29	.3	.3	1.2	1.7	.4	.1												38	38	110	35
28/ 27		1.0	1.5	1.7														39	39	65	37
26/ 25		.4	1.0	.1														14	14	72	37
24/ 23			.3	.2														5	5	63	45
22/ 21		.4	.6	.1														11	11	72	45
20/ 19		1.2	.4	.1														16	16	13	88
18/ 17	.3	.8	.2	.1														13	13	18	76
16/ 15		.9	.1															9	9	13	75
14/ 13		.5	.2															7	7	8	105
12/ 11	.1	.8																8	8	12	67
10/ 9		.8	.1															8	8	6	75
8/ 7		.8	.1															8	8	9	63
6/ 5	.1	.2	.1															4	4	9	44
4/ 3	.2																	2	2	3	25
2/ 1																					29
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 METHODS EDITIONS OF THE FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036      BUCKLEY ANGB CO      68-70, 73-79      DEC  
STATION      STATION NAME      YEARS      MONTH  
PAGE 2      1200-1400  
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				
0/-1	.2	.1																3	3	2	24				
-2/-3																				1	5				
-4/-5																					2				
-6/-7																					6				
-8/-9																					3				
-10/-11																					2				
-12/-13																					3				
TOTAL	1.4	10.4	5.3	10.3	1.9	13.3	13.3	8.5	7.9	6.9	4.5	3.1						924		924					
																		924		924					

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum	1530306	36604	39.6	20.299	924							93
Dry Bulb	1697442	37640	40.7	13.335	924	.3	25.0	.1				92
Wet Bulb	949610	28536	30.9	8.604	924	.3	50.2					92
Dew Point	263178	13508	14.6	8.437	924	4.5	92.4					92

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 SUCKLEY ANGB CO  
 STATION STATION NAME

68-73, 73-79  
 YEARS

DEC  
 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/ 65																		2	2																							
64/ 63										.2	.4	.7						7	7																							
62/ 61								.1	.2	.1	.5	.3						12	17																							
60/ 59									.5	.5	.8	.2						19	19																							
58/ 57										.4	.2	.9	.1					15	15																							
56/ 55						.1	.1	1.0	.9	1.3	.1							31	31																							
54/ 53								.3	1.1	.7								19	19																							
52/ 51				.1		.2	.5	1.0	1.1	.4								31	31																							
50/ 49					.3	.7	.7	1.6	1.4	.3								48	49																							
48/ 47					.4	1.3	1.7	1.3	.5									46	46	1																						
46/ 45				.3	.9	1.6	1.8	.9	.8									58	58	9																						
44/ 43					1.5	1.4	1.1	.7										43	43	16																						
42/ 41			.3	1.1	.5	1.6	1.3	.5										50	50	35																						
40/ 39		.1	.2	1.0	1.7	3.3	1.0	.1										68	68	52																						
38/ 37			.4	1.8	1.2	2.2	.7											58	58	73																						
36/ 35		.3	.8	1.0	2.0	1.3	.3											52	52	85																						
34/ 33		.4	.1	2.1	2.2	.3	.3											50	50	79																						
32/ 31	.1	1.3	.9	2.6	1.8	.5												67	67	12																						
30/ 29	.3	.9	1.3	1.1	.3	.2												38	38	90																						
28/ 27	.1	1.2	1.5	1.4	.7	.1												46	46	90																						
26/ 25		1.1	2.3	.2														33	33	76																						
24/ 23		.7	1.3	.3														21	21	52																						
22/ 21		.9	.5	.1	.1													15	15	47																						
20/ 19		1.4	.8	.1														21	21	28																						
18/ 17		.7		.1														7	7	21																						
16/ 15	.2	1.4	.4															19	19	13																						
14/ 13	.1	.9	.1															10	10	18																						
12/ 11		.7																6	6	10																						
10/ 9		.9	.2															10	10	10																						
8/ 7		.4	.1															5	5	7																						
6/ 5	.2	.3	.1															6	6	4																						
4/ 3	.4																	4	4	9																						
2/ 1	.2	.1																3	3	2																						
0/ -1	.1																	1	1	2																						
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	Z <sub>3</sub>	Z <sub>4</sub>	Z <sub>5</sub>	Z <sub>6</sub>	Z <sub>7</sub>	Z <sub>8</sub>	Z <sub>9</sub>	Z <sub>10</sub>	Z <sub>11</sub>	Z <sub>12</sub>	Z <sub>13</sub>	Z <sub>14</sub>	Z <sub>15</sub>	Z <sub>16</sub>	Z <sub>17</sub>	Z <sub>18</sub>	Z <sub>19</sub>	Z <sub>20</sub>	Z <sub>21</sub>	Z <sub>22</sub>	Z <sub>23</sub>	Z <sub>24</sub>	Z <sub>25</sub>	Z <sub>26</sub>	Z <sub>27</sub>	Z <sub>28</sub>	Z <sub>29</sub>	Z <sub>30</sub>	Z <sub>31</sub>	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																																										

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2736 BUCKLEY ANGB CO  
 STATION STATION NAME

68-70, 73-79  
 YEARS

DEC  
 MONTH

PAGE 0 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
-2/-3	2																2	2	2	12
-4/-5																				5
-6/-7																				5
-8/-9																				2
-10/-11																				6
-12/-13																				3
-14/-15																				1
-18/-19																				1
TOTAL	2.1	3.5	1.4	3.3	3.7	4.8	9.5	7.8	6.6	4.4	2.0	.9					923	923	923	923

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2226547	41209	44.6	20.480	923							923
Dry Bulb	1443176	34544	37.4	12.759	923	.3	31.6					923
Wet Bulb	853686	26918	29.2	8.630	923	.4	57.7					923
Dew Point	278607	13753	14.9	8.940	923	5.3	92.2					923

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

68-70, 73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																															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/ 59											.1																						1	1			
54/ 53											.4																						4	4			
52/ 51										.7	.3											.1											12	12			
50/ 49								.2	.4	.4	.2																						12	12			
48/ 47								1.3	.3	1.1	.1																						26	26			
46/ 45							.3	.8	1.2	.7	.1																						28	28			
44/ 43							1.2	.7	1.4	.7																							36	36			
42/ 41			.1	1.2	.4	.1	1.0	.2																									46	46	1		
40/ 39			.5	1.4	.9	2.7	.7																										57	57	21		
38/ 37			.4	1.3	2.9	1.4	.5																										61	61	24		
36/ 35			.4	2.3	2.3	1.5	.1																										61	61	45		
34/ 33		1.1	1.3	2.4	2.4	1.0																											75	75	43		
32/ 31		1.6	1.2	2.2	2.7	.3																											74	74	53	4	
30/ 29	.7	1.1	1.5	1.6	.5	.1																											51	51	112	20	
28/ 27	.3	2.1	2.1	2.1	.7																												66	66	87	52	
26/ 25		2.4	2.6	1.2	.5																												62	62	111	41	
24/ 23		1.7	2.1	.2	.1																												38	38	89	34	
22/ 21	.1	2.3	2.4	.4	.1																												49	49	59	41	
20/ 19	.1	1.7	1.7	.3																													35	35	64	84	
18/ 17	.3	2.0	.2	.1																													24	24	45	61	
16/ 15	.2	1.7	.1																														19	19	30	71	
14/ 13	.3	1.6	.4																														22	22	24	110	
12/ 11	.1	.8	.2																														10	10	19	78	
10/ 9	.2	1.2	.5																														18	18	16	69	
8/ 7	.1	.7	.1																														8	8	14	63	
6/ 5		.3																															3	3	5	36	
4/ 3	.2	.2																															4	4	5	40	
2/ 1	.7	.2																															8	8	6	31	
0/ -1	.1																																1	1	3	20	
-2/ -3		.2																															2	2	2	11	
-4/ -5	.2	.3																															5	5	4	4	
-6/ -7	.1	.1																															2	2	3	7	
-8/ -9																																				4	
-10/ -11																																				7	
Element (X)	$\Sigma X^1$	$\Sigma X$	$\Sigma$	$\sigma_s$	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																																					

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

### PSYCHROMETRIC SUMMARY

4

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

68-70,73-79  
YEARS

DEC  
MONTH

PAGE 2

1800-2000  
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		
12/-13																					2		
14/-15																					1		
16/-17																					1		
18/-19																					3		
20/-21																					1		
TOTAL	3.2	23.3	18.0	16.7	15.1	12.1	6.3	3.3	.7	.1	.1						921	921	921	921			

Element (X)	Σx <sup>2</sup>	Σx	X̄	s <sub>x</sub>	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	3001862	49492	53.7	19.289	921	1.0	50.7					93
Wet Bulb	631467	22851	24.8	8.374	921	1.2	77.8					92
Dew Point	240945	12689	13.8	8.854	921	6.2	93.0					93

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

23036 BUCKLEY ANG9 CO 68-70,73-79 YEARS DEC  
 STATION STATION NAME MONTH  
 PAGE 1 2170-2300  
 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
62/ 61																		1	1	
56/ 55									.1									1	1	
54/ 53									.1									1	1	
52/ 51										.1								1	1	
50/ 49							.7	.3										10	10	
48/ 47					.2	.7	.2	.2		.1								12	12	
46/ 45					.4	.5	.7	.2										17	17	
44/ 43					1.0	.7	.5	.3										23	23	1
42/ 41				.5	1.3	.8	.4	.3										31	31	2
40/ 39				.7	2.1	1.8	1.0	.1										52	52	6
38/ 37			.7	1.5	2.6	1.1	.5											59	59	16
36/ 35		.2	1.6	1.5	2.8	.8												64	64	32
34/ 33		.1	2.0	3.1	2.2	.5												73	73	52
32/ 31		.9	1.0	4.0	2.2	.1												75	75	57
30/ 29	.3	1.4	1.4	2.9	.7													61	61	104
28/ 27	.3	1.5	2.2	2.2	.4													61	61	91
26/ 25	.1	2.3	2.4	1.6	.4													63	63	102
24/ 23		1.2	2.1	1.2	.1													42	42	91
22/ 21	.3	2.4	1.5	.5														44	44	76
20/ 19	.4	2.6	2.5	.1														52	52	63
18/ 17		3.7	1.1															38	38	52
16/ 15	.1	2.8	.4															31	31	44
14/ 13	.5	1.8	.7															28	28	37
12/ 11	.7	1.5	.3															23	23	31
10/ 9		1.1	.2															12	12	20
8/ 7	.2	.5	.1															8	8	12
6/ 5	.1	1.1	.1															12	12	9
4/ 3	.3	.4																7	7	13
2/ 1	.8																	7	7	9
0/ -1	.1	.1																2	2	1
-2/ -3	.1	.3																4	4	3
-4/ -5		.1																1	1	2
-6/ -7		.1																1	1	2
-8/ -9	.1	.1																2	2	2
Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	X	e <sub>X</sub>	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 AIR 24 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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23036 BUCKLEY ANGB CO 68-70,73-79 DEC  
STATION STATION NAME YEARS MONTH

PAGE 2 2100-2300  
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					
10/-11																					5					
12/-13																					2					
14/-15	.2																	2	2	2	1					
18/-19																					4					
20/-21																					2					
22/-23																					1					
TOTAL	4.8	25.7	20.2	19.9	16.4	6.9	4.0	1.7	.2	.1							921	921	921	921						

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3259741	52217	56.7	18.035	921	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	921
Dry Bulb	830330	25722	27.9	11.031	921	1.2	58.2					93
Wet Bulb	561474	21310	23.1	8.623	921	1.2	82.0					93
Dew Point	226611	12067	13.1	8.754	921	6.4	93.0					93

USAFETAC FORM 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

68-70, 73-79

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

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				
0/-1	.2	.1																			21	21	29	183
-2/-3	.1	.1																			19	19	18	97
-4/-5	.1	.1																			10	10	11	51
-6/-7	.0	.0																			4	4	7	53
-8/-9	.0	.0																			4	4	4	31
-10/-11	.0																				3	3	4	33
-12/-13	.0																				3	3	5	13
-14/-15	.1																				4	4	4	6
-16/-17																								3
-18/-19																								15
-20/-21																								10
-22/-23																								1
TOTAL	4.0	20.6	16.4	17.4	14.4	10.4	6.8	4.1	2.7	1.7	1.0	.5									7384	7384	7384	7384
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_s$	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	22538047	379793	51.4	20.170	7384	$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	744												
Dry Bulb	8528465	232585	31.5	12.762	7384	6.9	395.4	.1				744												
Wet Bulb	5326399	186547	25.3	9.114	7384	8.0	588.6					744												
Dew Point	1865760	98608	13.4	8.623	7384	50.0	742.4					744												

USAFETAC FORM 0-26-5 (OLA) REVIDED OBSERVATION STATION OF THE WORLD METEOROLOGICAL ORGANIZATION

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

68-70, 73-79

DEC

STATION

STATION NAME

YEARS

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PAGE 2

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
0/-1	.2	.1																21	21	28	183
-2/-3	.1	.1																19	19	18	97
-4/-5	.1	.1																10	10	11	51
-6/-7	.0	.0																4	4	7	53
-8/-9	.0	.0																4	4	4	31
-10/-11	.0																	3	3	4	53
-12/-13	.0																	3	3	3	13
-14/-15	.1																	4	4	4	6
-16/-17																					3
-18/-19																					18
-20/-21																					10
-22/-23																					1
TOTAL	4.0	20.6	16.4	17.4	14.4	10.4	6.8	4.1	2.7	1.7	1.0	.5					7384	7384	7384	7384	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	22536047	379793	51.4	20.170	7384	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744									
Dry Bulb	8528465	232585	31.5	12.762	7384	6.9	395.4	.1				744									
Wet Bulb	5326399	186547	25.3	9.114	7384	8.0	588.6					744									
Dew Point	1865760	98608	13.4	8.623	7384	50.0	742.4					744									

USAFETAC FORM 0-26-5 (OLA) REVISED REFERENCE APPROVED BY WAF 0201 111 01000111

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

68-70,73-80

ALL

STATION

STATION NAME

YEARS

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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				
102/101																		.0	3	3				
100/99																		.1	9	9				
98/97																		.0	36	36				
96/95														.0			.0	.1	69	69				
94/93																.0	.0	.1	166	166				
92/91													.0	.0	.0	.1	.3	.3	372	372				
90/89											.0	.0	.0	.1	.1	.2	.3	.3	580	580				
88/87											.0	.0	.1	.2	.2	.2	.2	.2	782	782				
86/85										.0	.0	.1	.2	.3	.3	.2	.1	.1	1041	1041				
84/83									.0	.0	.1	.2	.3	.3	.2	.1	.0	.0	1060	1060				
82/81								.0	.0	.1	.2	.3	.3	.2	.2	.1	.0	.0	1275	1275				
80/79						.0	.0	.1	.1	.2	.3	.3	.2	.2	.1	.0	.0	.0	1275	1275				
78/77					.0	.0	.1	.1	.2	.3	.3	.3	.2	.2	.1	.0	.0	.0	1450	1450				
76/75				.0	.0	.1	.1	.2	.3	.3	.3	.3	.2	.2	.1	.0	.0	.0	1618	1618				
74/73				.0	.0	.1	.2	.4	.4	.4	.3	.3	.2	.2	.0			.0	1658	1658				
72/71			.0	.0	.1	.2	.4	.4	.4	.4	.3	.3	.2	.1	.0			.0	2015	2015				
70/69			.0	.1	.2	.4	.4	.4	.4	.3	.3	.2	.2	.0				.0	2199	2199	2			
68/67		.0	.1	.2	.3	.5	.4	.4	.4	.3	.2	.2	.1					.0	2267	2268	61			
66/65	.0	.1	.2	.3	.4	.5	.4	.4	.4	.3	.3	.2	.0					.0	2570	2570	305			
64/63	.0	.1	.2	.4	.5	.6	.5	.4	.4	.3	.3	.1	.0					.0	3018	3020	977	5		
62/61	.0	.1	.2	.4	.5	.5	.4	.4	.4	.3	.2	.1						.0	3150	3152	2125	71		
60/59	.0	.1	.2	.4	.5	.4	.4	.4	.4	.4	.2	.0						.0	3013	3014	3424	258		
58/57	.0	.1	.2	.4	.4	.3	.4	.4	.4	.3	.2	.1	.0					.0	2509	2509	4214	513		
56/55	.0	.2	.3	.3	.3	.3	.4	.5	.4	.2	.0							.0	2027	2627	4160	1028		
54/53	.0	.2	.3	.3	.4	.5	.5	.5	.5	.4	.1	.0						.0	2704	2704	4201	1397		
52/51	.0	.2	.3	.4	.4	.5	.5	.5	.5	.3	.1	.0						.0	2761	2761	4040	1986		
50/49	.0	.2	.3	.4	.4	.6	.6	.6	.6	.2	.0							.0	2969	2969	3856	2575		
48/47	.0	.2	.5	.4	.5	.6	.7	.4	.1									.0	2952	2953	3327	2772		
46/45	.0	.3	.5	.5	.6	.8	.6	.3	.0									.0	3123	3123	3369	3276		
44/43	.0	.4	.4	.5	.8	.8	.5	.2	.0									.0	3127	3129	3581	3061		
42/41	.0	.4	.4	.6	.8	.7	.3	.1										.0	2970	2971	3742	3110		
40/39	.0	.4	.6	.7	.9	.7	.2	.0										.0	3040	3040	3730	3429		
38/37	.0	.3	.6	.8	1.0	.4	.1	.0										.0	2865	2865	3814	3227		
36/35	.0	.5	.7	.9	.9	.3	.1	.0										.0	2968	2969	4209	3386		
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>		Y		S <sub>X</sub>		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																								

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23036 BUCKLEY ANGB CO

68-70, 73-80

ALL

STATION

STATION NAME

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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																
34/ 33	.1	.7	.7	1.1	.7	.1	.0											2980	2980	4176	3207																
32/ 31	.1	1.1	1.0	1.1	.6	.1	.0											3540	3540	4184	4287																
30/ 29	.2	.8	.9	.9	.3	.0												2741	2741	4425	3905																
28/ 27	.2	1.0	.8	.6	.1	.0												2424	2426	3977	4035																
26/ 25	.1	1.0	.8	.4	.1	.0												2140	2140	3831	4125																
24/ 25	.1	.7	.6	.3	.0													1403	1404	2955	3396																
22/ 21	.2	.8	.6	.2	.0													1546	1547	2248	4460																
20/ 19	.2	.9	.5	.1														1444	1444	1840	5262																
18/ 17	.1	.6	.3	.0														980	981	1513	4155																
16/ 15	.1	.6	.2	.0														787	787	1093	4039																
14/ 13	.1	.6	.2	.0														722	722	872	3141																
12/ 11	.1	.5	.1															594	594	819	2957																
10/ 9	.1	.4	.1															458	459	638	2398																
8/ 7	.0	.3	.0															358	358	424	2064																
6/ 5	.0	.2	.0															257	257	348	1391																
4/ 3	.1	.2	.0															279	279	331	1123																
2/ 1	.1	.2																281	281	266	1062																
0/ -1	.1	.1																152	152	229	682																
-2/ -3	.0	.1																92	92	113	496																
-4/ -5	.0	.0																61	61	67	351																
-6/ -7	.0	.0																30	30	38	266																
-8/ -9	.0	.0																13	13	17	221																
-10/-11	.0																	8	8	10	155																
-12/-13	.0																	5	5	5	98																
-14/-15	.0																	5	5	5	80																
-16/-17																					43																
-18/-19																					48																
-20/-21																					17																
-22/-23																					2																
-24/-25																					1																
TOTAL	2.4	14.4	12.9	12.1	11.1	9.4	8.0	6.6	5.2	4.2	3.4	2.8	2.2	1.9	1.3	1.0	1.1	87561	87578	87561	87561																
Element (X)	Z <sub>g</sub> <sup>1</sup>	Z <sub>g</sub>	Z	Z <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	261373562	4379892	50.0	21.976	87561	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	242685428	4267424	48.7	19.919	87578	36.7	2033.3	1790.2	139.9	606.7	28.3	8761																									
Wet Bulb	151503127	3419439	39.1	14.325	87561	48.5	3026.3	6.3				8760																									
Dew Point	86583844	2433068	27.8	14.721	87561	246.2	5428.3					8760																									

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

GLOBAL CLIMATOLOGY BRANCH  
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 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23036 BUCKLEY ANGB CO. 68-70,73-80

STATION	STATION NAME	YEARS												
HRS IL ST I		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	22.3	27.9	30.4	38.9	47.7	56.5	63.9	62.3	54.0	42.4	31.5	27.2	42.2
	S D	12.361	8.815	9.700	8.121	7.411	7.189	4.698	5.201	7.748	9.098	9.713	10.683	16.441
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	924	10949
03-05	MEAN	21.7	26.7	29.0	36.8	45.2	54.0	61.0	59.6	51.7	40.7	30.6	26.6	40.4
	S D	12.690	8.990	9.738	7.748	6.883	6.635	4.450	5.069	7.555	8.826	9.978	10.749	15.773
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	924	10950
06-08	MEAN	21.2	27.1	30.0	40.1	51.0	61.0	67.5	64.2	54.7	42.4	30.8	26.7	43.2
	S D	12.683	8.995	10.376	9.764	8.767	8.701	6.463	7.277	8.966	9.920	10.643	10.775	18.264
	TOTAL OBS	929	846	930	900	930	900	930	929	900	930	900	923	10947
09-11	MEAN	28.7	36.4	39.0	49.6	60.4	71.2	78.7	75.9	66.7	54.0	40.3	35.0	53.1
	S D	14.147	11.350	12.697	12.065	11.106	10.727	7.223	8.389	11.113	13.047	13.014	12.638	20.305
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	924	10949
12-14	MEAN	34.8	42.6	44.5	54.7	64.8	76.4	84.4	81.9	72.7	59.8	45.8	40.7	58.7
	S D	14.873	12.036	13.730	12.845	11.769	11.366	6.707	8.080	11.298	14.056	13.691	13.335	20.586
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	924	10949
15-17	MEAN	33.0	41.9	44.9	54.8	64.6	75.9	82.4	80.9	72.5	58.9	42.9	37.4	57.6
	S D	14.362	11.837	13.731	12.900	11.630	11.341	7.999	8.530	11.150	13.873	12.982	12.769	20.757
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	923	10948
18-20	MEAN	26.1	33.3	37.8	48.1	58.1	69.2	75.1	72.8	63.5	49.1	35.2	30.3	50.0
	S D	13.121	9.818	11.594	11.093	9.978	10.110	7.599	7.664	9.731	10.999	10.554	11.122	19.749
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	921	10944
21-23	MEAN	23.8	29.5	33.0	42.1	51.4	61.0	67.8	65.7	57.1	44.3	32.4	27.9	44.8
	S D	12.211	9.156	10.134	8.965	7.895	8.063	5.754	5.765	8.376	9.644	9.727	11.031	17.514
	TOTAL OBS	930	846	929	900	930	900	930	927	899	930	900	921	10942
ALL HOURS	MEAN	26.5	33.2	36.1	45.6	55.4	65.7	72.6	70.4	61.6	49.	36.2	31.5	48.7
	S D	14.204	11.870	13.037	12.532	11.945	12.429	10.452	10.765	12.414	13.459	12.695	12.762	19.919
	TOTAL OBS	7439	6768	7439	7200	7440	7200	7440	7431	7197	7440	7200	7384	87578

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23036 BUCKLEY ANGB CO

68-70,73-80

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	18.8	23.4	26.0	33.5	41.7	48.4	54.7	53.5	45.8	35.7	27.2	22.5	36.0
	S D	10.320	6.817	7.459	6.317	5.699	5.122	3.111	3.923	5.812	6.181	7.383	8.201	13.622
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	924	10949
03-05	MEAN	18.1	22.3	24.8	32.0	40.1	46.9	53.1	51.8	44.4	34.5	26.3	22.0	34.8
	S D	10.575	6.869	7.687	6.280	5.673	5.126	3.310	3.935	5.740	6.022	7.575	8.413	13.589
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	924	10950
06-08	MEAN	17.7	22.5	25.4	34.0	43.6	50.9	56.3	54.0	45.8	35.4	26.3	22.0	36.2
	S D	10.640	6.809	7.958	7.140	5.996	5.405	3.265	4.267	5.900	6.425	7.982	8.405	14.779
	TOTAL OBS	929	846	927	898	930	900	930	928	900	930	900	923	10941
09-11	MEAN	23.1	28.6	30.9	39.0	47.5	54.4	59.9	58.1	51.0	41.6	32.4	27.6	41.2
	S D	10.797	7.369	8.189	7.275	6.213	5.490	2.743	3.538	5.618	6.965	8.371	8.750	14.198
	TOTAL OBS	929	846	928	897	930	900	930	930	899	929	900	924	10942
12-14	MEAN	26.9	32.1	33.9	41.3	49.1	55.8	60.8	59.2	52.8	44.1	35.4	30.9	43.6
	S D	10.593	7.398	8.204	7.143	6.035	5.278	2.649	3.197	5.296	7.057	8.177	8.604	13.333
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	924	10949
15-17	MEAN	26.0	32.0	34.3	41.4	49.1	55.8	60.4	59.1	52.7	43.8	34.1	29.2	43.2
	S D	10.438	7.427	8.049	7.015	5.835	5.049	2.632	3.013	5.127	7.116	8.339	8.630	13.529
	TOTAL OBS	930	846	930	900	930	900	930	928	900	930	900	923	10947
18-20	MEAN	21.6	27.0	30.6	38.6	46.8	53.9	58.8	57.3	49.7	39.3	29.6	24.8	39.9
	S D	10.425	6.985	7.567	6.795	5.840	5.173	2.866	3.397	5.481	6.565	7.664	8.374	14.352
	TOTAL OBS	930	846	930	900	930	900	930	924	900	930	900	921	10941
21-23	MEAN	20.0	24.7	27.8	35.6	43.8	50.7	56.4	54.9	47.2	36.9	27.8	23.1	37.5
	S D	10.099	6.983	7.356	6.492	5.580	5.112	3.187	3.674	5.746	6.323	7.380	8.623	14.058
	TOTAL OBS	930	846	929	900	930	900	930	927	899	930	900	921	10942
ALL HOURS	MEAN	21.5	26.6	29.2	36.9	45.2	52.1	57.5	56.0	48.7	38.9	29.9	25.3	39.1
	S D	10.994	6.018	6.571	7.616	6.673	6.100	3.990	4.489	6.389	7.524	8.562	9.114	14.325
	TOTAL OBS	7438	6768	7434	7195	7440	7200	7440	7426	7197	7439	7200	7384	87561

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23036 BUCKLEY ANGB CO

68-70,73-80

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	10.0	13.7	17.6	25.5	34.9	40.7	47.6	46.4	37.6	26.6	19.3	12.6	27.8
	S D	10.619	7.823	7.775	8.084	7.658	7.640	6.030	6.624	8.127	7.715	7.878	8.341	15.113
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	924	10949
03-05	MEAN	9.1	12.4	16.3	24.6	34.1	39.9	46.8	45.2	36.7	25.6	18.3	11.9	26.8
	S D	10.624	7.727	8.084	8.054	7.729	7.479	5.915	6.539	7.847	7.636	8.071	8.430	15.141
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	924	10950
06-08	MEAN	8.5	12.2	16.6	25.5	35.8	42.0	48.1	46.1	37.1	25.9	17.9	11.6	27.4
	S D	10.807	7.849	8.338	8.132	7.563	7.551	5.873	6.462	7.505	7.747	8.251	8.511	15.728
	TOTAL OBS	929	846	927	898	930	900	930	928	900	930	900	923	10941
09-11	MEAN	11.7	14.8	18.1	25.6	34.8	40.6	46.8	45.1	37.1	27.4	20.7	14.3	28.2
	S D	10.090	7.631	7.938	8.154	8.521	8.442	7.007	7.334	7.542	7.719	7.675	8.089	14.442
	TOTAL OBS	929	846	928	897	930	900	930	930	899	929	900	924	10942
12-14	MEAN	12.7	15.3	18.2	25.0	33.9	39.2	44.4	42.7	35.1	26.6	20.9	14.6	27.5
	S D	9.834	7.809	7.852	8.159	8.743	8.629	7.774	7.902	8.024	7.950	7.443	8.437	13.669
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	924	10949
15-17	MEAN	13.1	16.0	18.6	25.3	34.3	39.6	44.9	43.2	34.9	26.9	21.6	14.9	27.8
	S D	9.829	8.346	8.016	8.199	8.440	8.806	8.089	7.660	8.251	8.147	8.175	8.940	13.762
	TOTAL OBS	930	846	930	900	930	900	930	928	900	930	900	923	10947
18-20	MEAN	11.6	15.2	19.0	26.6	35.6	41.2	47.1	45.7	36.7	27.1	20.5	13.8	28.4
	S D	10.247	8.370	7.911	7.812	8.425	8.474	7.518	7.317	8.595	8.487	8.115	8.854	14.733
	TOTAL OBS	930	846	930	900	930	900	930	924	900	930	900	921	10941
21-23	MEAN	11.0	14.8	18.6	26.7	35.8	41.6	47.7	46.6	37.5	27.1	19.7	13.1	28.4
	S D	10.351	7.970	7.655	7.922	7.884	7.841	7.042	6.834	8.321	8.009	7.791	8.754	14.994
	TOTAL OBS	930	846	929	900	930	900	930	927	899	930	900	921	10942
ALL HOURS	MEAN	11.0	14.3	17.9	25.6	34.9	40.6	46.7	45.1	36.6	26.6	19.9	13.4	27.8
	S D	10.413	8.046	7.998	8.092	8.159	8.172	7.060	7.226	8.087	7.947	8.018	8.623	14.721
	TOTAL OBS	7438	6768	7434	7195	7440	7200	7440	7426	7197	7439	7200	7384	67661









4  
 GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**RELATIVE HUMIDITY**

23136  
 STATION

BUCKLEY ANG B CO  
 STATION NAME

69-70, 73-80  
 PERIOD

APR  
 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%		
APR	00-02	100.0	99.7	94.9	85.3	70.8	51.6	33.6	20.1	3.3	61.5	900
	03-05	100.0	100.0	96.0	88.7	75.3	57.2	38.9	21.6	4.8	63.8	900
	06-08	100.0	79.7	93.0	79.7	64.7	46.7	30.8	15.8	4.3	59.3	898
	09-11	99.9	88.4	67.9	47.3	33.3	21.9	15.6	8.9	2.0	44.1	897
	12-14	99.3	75.4	47.9	33.4	22.8	16.7	11.2	6.9	1.2	37.0	900
	15-17	99.3	74.2	46.2	34.3	25.2	18.4	13.1	7.3	1.8	37.7	900
	18-20	99.0	93.0	75.9	57.1	39.8	27.4	19.0	10.8	2.6	48.1	900
	21-23	100.0	90.9	92.2	80.3	64.6	41.1	26.8	14.6	3.0	57.7	900
TOTALS		99.8	91.2	77.1	63.3	49.6	35.1	23.6	13.6	2.9	51.2	7175

976



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

69-73,73-20  
 PERIOD

JUN  
 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%		
JUN	00-02	100.0	99.4	94.4	81.8	61.7	43.3	29.7	14.6	4.3	58.6	900
	03-05	100.0	99.8	95.9	86.0	70.7	51.9	34.2	16.4	4.8	61.7	900
	06-08	100.0	97.1	89.4	71.1	51.9	34.9	19.9	9.1	2.4	53.2	900
	09-11	99.3	82.1	55.0	35.2	22.2	13.1	7.2	3.6	.8	37.4	900
	12-14	96.4	59.7	36.2	21.4	13.4	8.4	5.7	2.6	.4	30.5	900
	15-17	96.3	68.9	39.4	23.0	15.8	11.3	6.6	3.7	.8	31.4	900
	18-20	99.0	86.7	62.9	41.0	27.0	15.7	10.0	5.9	2.0	40.2	900
	21-23	100.0	97.4	86.3	67.3	46.7	32.4	20.9	10.0	2.6	52.4	900
TOTALS		98.9	87.1	70.2	53.4	38.7	26.5	16.9	8.2	2.3	45.3	7300

**RELATIVE HUMIDITY**

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

23036  
STATION

BUCKLEY ANGB CO  
STATION NAME

6°-70, 73-80  
PERIOD

JUL  
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%		
JUL	00-02	100.0	99.7	99.4	93.4	64.1	42.5	23.5	8.1	.9	57.7	930
	03-05	100.0	99.3	97.3	89.4	74.0	53.8	32.2	11.0	2.0	61.6	930
	06-08	100.0	98.5	90.4	72.2	50.5	31.2	16.7	6.5	1.0	52.7	930
	09-11	99.7	84.2	56.5	32.7	17.1	7.7	1.8	.2		35.7	930
	12-14	97.1	64.4	34.0	14.2	6.7	2.3	.5	.1		27.2	930
	15-17	96.9	69.0	39.2	23.0	13.1	7.0	3.7	.2	.1	30.5	930
	18-20	99.2	67.5	67.5	46.2	28.1	16.2	7.8	3.0	.1	41.1	930
	21-23	99.8	47.3	87.7	70.6	51.2	31.7	16.9	5.4	.8	51.7	930
<b>TOTALS</b>		<b>79.0</b>	<b>67.6</b>	<b>70.9</b>	<b>54.0</b>	<b>38.1</b>	<b>24.0</b>	<b>12.9</b>	<b>4.3</b>	<b>.6</b>	<b>44.3</b>	<b>7440</b>

# RELATIVE HUMIDITY

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

23036  
STATION

LUCKLEY ANGB CO  
STATION NAME

69-70,73-80  
PERIOD

AUG  
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%		
AUG	00-02	100.0	99.8	97.3	83.9	63.6	41.4	23.7	9.9	3.6	58.3	929
	03-05	100.0	100.0	98.3	67.6	69.1	50.4	30.0	14.6	4.3	61.4	930
	06-08	100.0	99.6	92.1	75.1	52.6	34.1	21.4	10.5	4.5	54.8	928
	09-11	100.0	83.4	57.1	34.1	19.6	11.0	5.7	2.8	1.6	37.1	930
	12-14	98.7	62.3	32.6	17.5	8.8	4.6	2.3	1.4	.6	28.2	930
	15-17	99.0	56.0	37.3	19.4	12.9	6.6	3.3	1.4	.8	30.0	928
	18-20	100.0	90.0	68.4	45.7	27.3	16.1	8.4	3.5	1.4	41.7	924
	21-23	100.0	93.9	91.0	72.9	52.2	31.3	16.7	6.5	2.7	53.0	927
TOTALS		79.7	87.4	71.6	54.5	38.3	24.4	13.9	6.3	2.5	45.6	7426

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

### RELATIVE HUMIDITY

23036 BUCKLEY ANGB CO  
STATION STATION NAME

69-73, 73-79  
PERIOD

SEP  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
5FF	00-02	100.0	99.6	95.4	75.1	56.8	41.1	28.4	13.0	2.0	56.7	900
	03-05	100.0	99.7	95.8	92.0	61.6	46.2	31.9	16.2	3.2	59.4	900
	06-08	100.0	99.2	90.9	72.8	51.3	37.2	24.8	13.4	3.7	54.9	900
	09-11	100.0	92.6	55.1	35.2	24.1	15.1	9.2	4.8	.4	33.1	899
	12-14	99.4	57.5	32.5	22.5	13.7	7.7	4.1	1.3		29.3	899
	15-17	99.3	56.9	32.1	21.9	15.2	8.8	4.6	1.7		29.5	900
	18-20	100.0	89.6	61.2	40.8	28.7	20.1	12.2	5.9	1.0	41.4	900
	21-23	100.0	99.0	84.5	63.0	44.4	31.7	22.1	10.5	1.6	51.5	899
<b>TOTALS</b>		99.8	85.5	68.1	51.7	37.0	25.0	17.2	8.4	1.5	45.1	7197









GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**RELATIVE HUMIDITY**

23036  
 STATION

BUCKLEY ANGB CO  
 STATION NAME

68-70,73-80  
 PERIOD

ALL  
 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	97.0	89.7	77.6	58.4	40.3	24.9	10.5	2.3	55.6	7438
FEB		99.9	92.8	81.9	64.8	47.2	33.0	20.4	9.9	2.4	50.7	6768
MAR		99.9	92.2	80.5	67.6	53.4	39.8	25.2	13.6	3.0	53.1	7434
APR		99.8	91.2	77.0	63.3	49.6	35.1	23.6	13.6	2.9	51.2	7195
MAY		99.7	91.6	77.5	63.5	49.7	37.3	26.1	13.6	4.7	52.1	7440
JUN		98.9	87.1	71.2	53.4	38.7	26.5	16.9	8.2	2.3	45.8	7200
JUL		99.0	87.6	70.9	54.0	38.1	24.0	12.8	4.7	.6	44.8	7440
AUG		99.7	87.4	71.8	54.5	38.3	24.4	13.9	6.3	2.5	45.6	7426
SEP		99.8	85.5	68.1	51.7	37.0	26.0	17.2	6.4	1.5	45.1	7197
OCT		99.2	86.2	71.7	56.8	42.7	32.4	22.6	14.2	5.3	48.6	7439
NOV		100.0	95.9	87.5	73.1	56.8	41.8	29.7	18.7	7.0	56.4	7200
DEC		99.9	94.4	83.8	67.5	47.9	32.4	21.3	9.4	2.4	51.4	7384
<b>TOTALS</b>		99.7	90.7	77.5	62.3	46.5	32.8	21.2	11.8	3.1	50.0	87561

U. S. AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

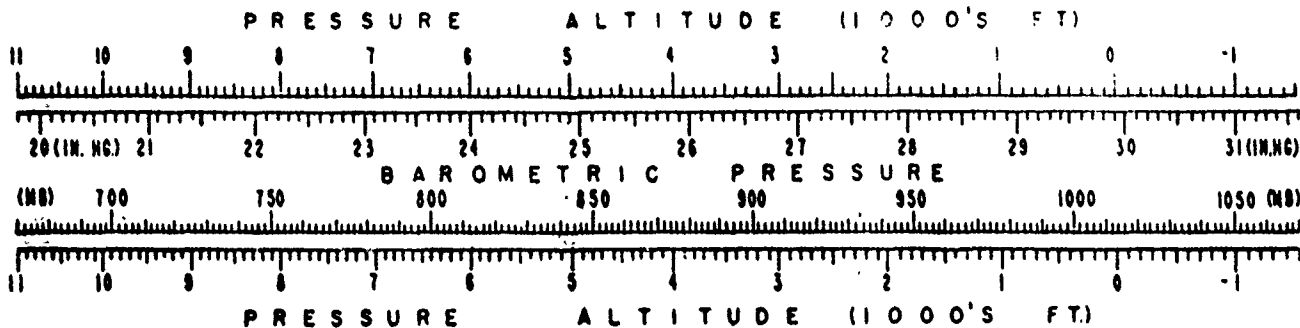
PRESSURE SUMMARY

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

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23036 BUCKLEY ANGB CO 68-70,73-80

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	24.293	24.321	24.252	24.290	24.337	24.397	24.468	24.451	24.451	24.417	24.369	24.309	24.363
	S D	.164	.174	.168	.177	.151	.129	.088	.062	.128	.155	.176	.174	.166
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
05	MEAN	24.283	24.316	24.246	24.292	24.346	24.407	24.477	24.458	24.455	24.421	24.366	24.302	24.364
	S D	.165	.172	.170	.178	.150	.129	.087	.084	.128	.153	.177	.175	.168
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
08	MEAN	24.299	24.334	24.267	24.312	24.362	24.423	24.499	24.480	24.478	24.442	24.388	24.324	24.384
	S D	.163	.170	.174	.178	.151	.132	.087	.087	.130	.155	.180	.174	.169
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
11	MEAN	24.306	24.335	24.260	24.297	24.343	24.403	24.485	24.466	24.463	24.429	24.382	24.328	24.375
	S D	.164	.172	.177	.181	.156	.134	.088	.089	.135	.158	.182	.178	.170
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
14	MEAN	24.252	24.284	24.216	24.262	24.310	24.367	24.450	24.429	24.420	24.380	24.338	24.279	24.332
	S D	.165	.174	.175	.180	.156	.135	.087	.092	.133	.157	.182	.178	.171
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	308	3649
17	MEAN	24.273	24.295	24.218	24.255	24.298	24.353	24.440	24.418	24.415	24.382	24.351	24.297	24.333
	S D	.161	.171	.169	.177	.156	.133	.088	.090	.133	.157	.178	.174	.166
	TOTAL OBS	309	282	310	300	310	300	310	309	300	310	300	307	3647
20	MEAN	24.296	24.324	24.254	24.289	24.328	24.377	24.464	24.444	24.447	24.412	24.375	24.316	24.361
	S D	.163	.172	.165	.175	.153	.129	.091	.087	.138	.156	.176	.176	.165
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	307	3648
23	MEAN	24.299	24.328	24.262	24.304	24.351	24.405	24.483	24.459	24.456	24.420	24.377	24.318	24.372
	S D	.165	.175	.166	.178	.154	.128	.089	.085	.131	.158	.176	.175	.166
	TOTAL OBS	310	282	309	300	310	300	310	309	299	310	300	307	3646
ALL HOURS	MEAN	24.288	24.317	24.247	24.288	24.334	24.392	24.471	24.451	24.448	24.413	24.368	24.309	24.361
	S D	.164	.173	.171	.179	.154	.133	.090	.089	.132	.157	.179	.176	.169
	TOTAL OBS	2479	2256	2479	2400	2480	2400	2480	2477	2398	2480	2400	2461	29190

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

23036 BUCKLEY ANGB CO

68-70,73-80

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1015.4	1014.8	1011.2	1010.7	1010.6	1011.3	1012.8	1012.3	1013.9	1015.1	1015.9	1014.6	1013.2
	S D	8.472	8.315	8.376	8.311	7.132	5.997	4.172	4.073	6.472	7.594	8.441	8.430	7.533
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
05	MEAN	1015.7	1015.1	1011.2	1011.2	1011.4	1012.0	1013.7	1013.2	1014.5	1015.8	1016.7	1015.2	1013.8
	S D	8.466	8.158	8.349	8.286	6.963	5.881	4.113	4.098	6.377	7.393	8.410	8.340	7.466
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
08	MEAN	1017.1	1016.6	1012.6	1012.1	1011.9	1012.6	1014.4	1014.1	1015.6	1017.1	1018.1	1016.6	1014.9
	S D	8.413	8.032	8.322	8.256	6.990	5.939	4.196	4.222	6.474	7.338	8.388	8.265	7.516
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	308	3649
11	MEAN	1016.1	1015.6	1011.8	1011.1	1010.8	1011.5	1013.4	1013.0	1014.6	1015.8	1016.8	1015.7	1013.8
	S D	8.327	8.059	8.435	8.347	7.248	6.104	4.231	4.347	6.738	7.477	8.494	8.341	7.603
	TOTAL OBS	309	281	310	300	310	300	310	310	300	310	299	308	3647
14	MEAN	1013.5	1013.1	1007.7	1009.5	1009.4	1010.0	1012.0	1011.4	1012.6	1013.5	1014.6	1013.3	1011.9
	S D	8.256	8.208	8.354	8.368	7.315	6.194	4.221	4.442	6.566	7.516	8.444	8.291	7.519
	TOTAL OBS	310	281	310	300	310	299	309	309	299	310	300	308	3645
17	MEAN	1015.1	1014.1	1010.1	1009.6	1009.3	1009.7	1012.1	1011.4	1012.8	1014.3	1016.1	1015.1	1012.5
	S D	8.294	8.121	8.185	8.194	7.285	6.067	4.212	4.388	6.587	7.554	8.365	8.285	7.626
	TOTAL OBS	310	282	310	299	310	300	310	309	300	310	300	307	3647
20	MEAN	1016.8	1016.1	1012.1	1011.2	1010.4	1010.5	1013.0	1012.5	1014.4	1015.9	1017.6	1016.3	1013.9
	S D	8.344	8.292	8.108	8.278	7.312	6.012	4.426	4.297	6.625	7.662	8.358	8.484	7.719
	TOTAL OBS	310	282	310	300	310	300	310	309	299	310	300	307	3647
23	MEAN	1015.9	1015.4	1011.9	1011.4	1011.1	1011.5	1013.4	1012.7	1014.3	1015.5	1016.6	1015.2	1013.7
	S D	8.446	8.500	8.348	8.438	7.356	5.973	4.323	4.249	6.716	7.786	8.478	8.466	7.636
	TOTAL OBS	310	282	309	300	310	300	310	309	299	310	300	307	3646
ALL HOURS	MEAN	1015.7	1015.1	1011.3	1010.8	1010.6	1011.1	1013.1	1012.6	1014.1	1015.4	1016.5	1015.2	1013.5
	S D	8.431	8.263	8.350	8.341	7.240	6.085	4.301	4.343	6.625	7.600	8.469	8.407	7.627
	TOTAL OBS	2479	2254	2479	2399	2480	2399	2479	2476	2396	2480	2399	2461	29181