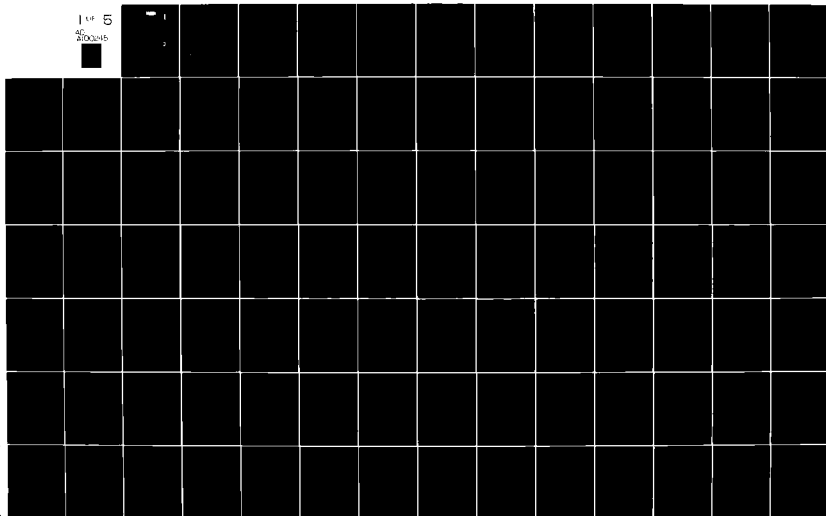


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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

RESOLUTE NWT DOT APT WBAN # 17901
N 74 43 W 094 59 ELEV 209 FT CYRB WMO # 72924

PARTS A, C-F

POR FROM HOURLY OBS; JAN 57-DEC 66

JAN 17 1972

Recd - 20 Jan 72

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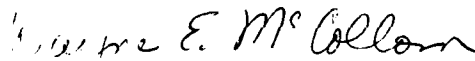
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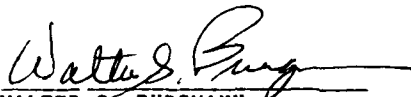
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1. REPORT NUMBER USAFETAC/DS- 81/040	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Resolute Apt, Northwest Territories, Canada		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES The following parts are missing from this document: Part A- Atmospheric Phenomena Part B- Precipitation, Snowfall, Snow Depth Part E- Daily Max, Min and Mean Temp/ Extreme Max and Min Temp		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Resolute Apt, Northwest Territories, Canada It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM
1 JAN 73 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* Northwest Territories, Canada
** Resolute, Canada
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.

The Period of Record for Daily Observations is:
JAN 57- DEC 66

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DATA PROCESSING DIVISION
USAFETAC 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 DATA NOT AVAILABLE

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

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 OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
17901	RESOLUTE NWT DOT APT	N 74 43	W 094 59	209	CYRB	72924

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)	TYPE BAROMETER	
1	Resolute NWT DOT APT	C	Jan 57	Apr 57	N 74 43	W 094 59	209	N/A	8
1	No Change	C	May 57	Dec 58	No Change	No Change	No Chge	N/A	24
1	No Change	C	Jan 59	Sep 62	No Change	No Change	No Chge	N/A	8
1	No Change	C	Oct 62	Dec 66	No Change	No Change	No Chge	N/A	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 57 to Dec 66	Not Available	N/A	N/A	N/A	Hourly surface observation on Magnetic tape from DOT Canada.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

A

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.

Occurrences of the various phenomena included in each category on the forms are listed below:

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

Fain 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 - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

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 total columns.

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-WEAN sources.)

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

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

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

WEATHER CONDITIONS

17901 RESOLUTE APT DIT APT

57-66

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	ALL				46.6		46.6	14.4		21.2		34.1	4955
FEB					42.7		42.7	19.3	.1	17.5		34.5	4511
MAR					42.5		42.5	20.9	.1	14.7		33.3	4960
APR					36.0		36.0	19.0		9.9		27.2	4800
MAY			.2	.2	30.5		30.8	9.6	.0	5.4		14.3	5452
JUN			3.7	.8	17.9		22.1	11.5		.7		12.2	5279
JUL			12.6	.1	5.5		17.9	19.3				19.3	5456
AUG			15.7	.8	5.5		21.7	20.7				20.7	5455
SEP			3.6	2.2	29.4		34.9	11.9		1.5		13.2	5280
OCT				.8	39.8		40.5	8.3		13.0		21.1	5872
NOV					40.7		40.7	5.3	.0	11.8		16.9	5759
DEC					54.1		54.1	6.4		14.0		19.5	5951
TOTALS			3.0	.4	32.6		35.9	13.9	.0	9.1		22.2	63730

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE NUT DUT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02				49.0		49.0	14.0		21.1		33.4	620
	03-05				49.8		49.8	13.9		21.5		34.0	620
	06-08				48.5		48.5	13.2		22.4		34.4	620
	09-11				43.5		43.5	12.7		22.3		34.0	620
	12-14				41.1		41.1	17.0		19.6		34.8	618
	15-17				43.8		43.8	15.2		21.4		34.2	617
	18-20				49.2		49.2	13.5		21.1		33.5	620
	21-23				48.2		48.2	15.6		20.2		34.2	620
TOTALS					46.6		46.6	14.4		21.2		34.1	4955

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE NAT DOT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02				49.1		49.1	16.0		19.3		31.6	564
	03-05				49.1		49.1	14.2	.5	19.0		31.6	564
	06-08				47.0		47.0	13.8	.2	18.1		30.1	564
	09-11				41.7		41.7	22.0	.4	15.4		36.2	564
	12-14				35.6		35.6	24.3		14.2		37.2	564
	15-17				36.7		36.7	26.6		15.6		39.0	564
	18-20				40.1		40.1	22.2		17.4		35.3	564
	21-23				42.3		42.3	18.7		21.0		35.2	563
TOTALS					42.7		42.7	19.8	.1	17.7		34.5	4511

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901

RESOLUTE NWT DDT APT

57-66

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02				46.9		46.9	12.7		15.3		25.5	620
	03-05				48.7		48.7	12.1		15.2		25.2	620
	06-08				43.5		43.5	20.6		16.0		34.7	620
	09-11				42.3		42.3	30.2	.2	15.8		42.4	620
	12-14				41.6		41.6	27.7	.2	12.3		38.4	620
	15-17				37.6		37.6	27.9	.2	13.4		39.5	620
	18-20				36.8		36.8	22.6		14.5		34.5	620
	21-23				42.3		42.3	13.2		14.8		26.0	620
TOTALS					42.5		42.5	20.9	.1	14.7		33.3	4960

2

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE WWT DDT APT

57-66

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02				39.8		39.8	16.0		9.7		24.2	600
	03-05				38.3		38.3	19.8		10.5		28.7	600
	06-08				35.3		35.3	18.5		11.5		28.7	600
	09-11				34.3		34.3	22.0		11.2		30.7	600
	12-14				35.7		35.7	22.0		10.2		30.3	600
	15-17				34.3		34.3	20.3		9.0		28.2	600
	18-20				34.7		34.7	17.8		8.0		24.5	600
	21-23				35.8		35.8	15.5		9.2		22.5	600
TOTALS					36.0		36.0	19.0		9.9		27.2	4800

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/1AL

WEATHER CONDITIONS

17901 RESOLUTE WVT UNIT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		.4	.3	28.6		29.3	10.4		4.3		13.8	682
	03-05		.4	.3	30.6		31.4	13.3		4.5		16.6	682
	06-08		.4	.3	29.8		30.5	13.2		5.6		17.7	682
	09-11			.1	34.1		34.2	12.0	.1	6.6		17.9	681
	12-14				31.4		31.4	9.4		6.2		14.5	681
	15-17			.3	31.0		31.0	6.8		6.6		12.8	681
	18-20			.3	30.8		31.1	5.3		4.7		9.7	682
	21-23			.1	27.3		27.5	6.6		5.0		11.0	681
TOTALS			.2	.2	30.5		30.8	9.6	.0	5.4		14.3	5452

1
2DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

17901 RESOLUTE NWT UNIT APT

57-66

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02		5.6	1.4	18.5		25.5	14.5		.4		15.3	660
	03-05		3.5	1.4	17.5		22.5	17.3		1.5		18.8	659
	06-08		3.0	.8	21.5		25.2	15.6		.4		16.4	660
	09-11		3.9	.5	19.4		23.6	11.7		.5		12.1	660
	12-14		3.5	.5	17.9		21.7	7.9		.4		8.3	660
	15-17		3.2	.2	13.8		17.1	7.0		.4		7.6	660
	18-20		2.9	.3	16.2		18.5	6.4		.5		6.8	660
	21-23		3.9	1.2	18.3		22.9	11.7		.5		12.1	660
TOTALS			3.7	.8	17.9		22.1	11.5		.7		12.2	5279

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE NWT DDT APT

57-66

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02		13.6	.3	6.7		20.2	21.1				21.1	682
	03-05		13.3	.4	6.7		19.8	24.2				24.2	682
	06-08		10.7	.1	6.0		16.6	23.5				23.5	682
	09-11		14.1		5.4		19.1	19.4				19.4	682
	12-14		12.5		5.3		17.3	16.6				16.6	682
	15-17		12.8		4.7		17.0	14.7				14.7	682
	18-20		11.1		4.4		15.5	16.1				16.1	682
	21-23		12.8	.1	4.5		17.4	19.1				19.1	682
TOTALS			12.6	.1	5.5		17.9	19.3				19.3	5456

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE NWT DUT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		14.8	1.5	5.3		21.1	24.6				24.6	682
	03-05		17.3	.9	5.7		24.0	23.0				23.0	682
	06-08		18.6	.7	6.0		25.1	23.6				23.6	682
	09-11		14.4	.3	6.6		21.1	19.6				19.6	682
	12-14		15.5	.4	5.7		21.6	19.5				19.5	682
	15-17		14.4	1.0	5.0		19.9	17.2				17.2	682
	18-20		14.4	.9	4.3		19.1	16.0				16.0	681
	21-23		16.3	.7	4.8		21.8	22.3				22.3	682
TOTALS			15.7	.8	5.5		21.7	20.7				20.7	5455

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901

RESOLUTE RMT DUT APT

57-66

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		4.4	2.9	33.6		40.8	11.4		1.1		12.4	660
	03-05		3.3	2.4	32.3		38.0	10.6		1.7		12.3	660
	06-08		2.9	2.9	29.1		34.4	12.9		2.0		14.8	660
	09-11		2.9	2.3	30.2		35.2	11.5		1.4		12.9	660
	12-14		3.6	1.2	28.3		33.0	13.2		.9		13.6	660
	15-17		4.5	1.8	26.7		32.6	12.7		.8		13.5	660
	18-20		3.3	1.1	24.7		28.8	11.1		1.8		12.7	660
	21-23		3.9	2.9	30.0		36.2	11.7		2.0		13.6	660
TOTALS			3.6	2.2	29.4		34.9	11.9		1.5		13.2	5280

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901

RESOLUTE NWT DOT APT

57-66

LCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02			.3	46.5		46.7	4.9		13.5		18.3	734
	03-05			1.0	46.3		47.1	4.1		13.3		18.0	734
	06-08			1.4	38.1		39.4	6.5		13.4		19.9	734
	09-11			.8	34.3		34.7	11.0		13.5		24.4	734
	12-14			.4	36.5		36.9	13.6		10.8		24.3	734
	15-17			.4	35.0		35.4	12.8		10.1		22.2	734
	18-20			1.4	38.8		40.2	8.4		13.8		22.1	734
	21-23			.4	42.9		43.3	5.4		14.2		19.6	734
TOTALS				.8	39.8		40.3	8.3		13.0		21.1	5872

2

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901

RESOLUTE NAT DOT APT

57-66

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02				42.6		42.6	3.9		12.9		16.8	720
	03-05				43.1		43.1	4.0		11.9		15.7	720
	06-08				43.6		43.8	4.5	.1	12.4		17.0	719
	09-11				37.1		37.1	5.8		9.9		15.4	720
	12-14				34.6		34.6	9.6		10.0		18.8	720
	15-17				39.7		39.7	7.4		11.9		18.9	720
	18-20				43.5		43.5	2.9	.1	12.5		15.6	720
	21-23				41.5		41.5	4.3		12.5		16.8	720
TOTALS					40.7		40.7	5.3	.0	11.8		16.9	5759

1
2DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17901 RESOLUTE WNT DOT APT

57-66

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02				56.9		56.9	6.3		12.1		18.0	744
	03-05				53.9		53.9	5.4		14.7		19.8	744
	06-08				55.3		55.3	5.1		15.7		20.6	743
	09-11				55.1		55.1	4.4		15.2		19.1	744
	12-14				52.3		52.3	7.5		12.4		19.1	744
	15-17				52.7		52.7	7.3		13.3		19.3	744
	18-20				55.0		55.0	7.1		13.2		18.8	744
	21-23				51.6		51.6	7.9		15.2		21.4	744
TOTALS					54.1		54.1	6.4		14.0		19.3	5951

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

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

- DATA NOT AVAILABLE
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 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "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 direction and speed, and in addition the mean wind speed 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 VAREL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: 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.

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

17901 RESOLUTE BNT DBT APT 57-66
 STATION NAME YEARS
 ALL WEATHER
 CLASS
 ALL
 MONTH
 ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.0	1.9	1.9	1.2	.9	.3	.1	.0	.0		4.1	13.0
NNE	.5	.3	.5	.8	.8	.8	.5	.2	.1	.1	.0	4.2	19.4
NE	.5	.5	1.0	1.5	1.3	1.3	.8	.3	.0	.0	.0	7.1	17.3
ENE	.2	.2	.4	.7	.6	.4	.1	.0	.0			2.7	15.1
E	.4	.3	.7	1.2	1.2	1.3	1.0	.7	.2	.1	.0	7.3	21.1
ESE	.0	.7	1.2	1.7	1.6	1.7	.8	.3	.1	.0	.0	8.5	17.1
SE	1.2	1.4	2.5	2.2	1.2	.9	.3	.1	.0	.0	.0	9.8	12.1
SSE	.4	.5	.9	.7	.3	.2	.0	.0	.0			3.2	10.7
S	.5	.4	.6	.7	.4	.2	.1	.0	.0	.0		2.9	11.2
SSW	.1	.1	.3	.3	.2	.1	.0	.0	.0			1.2	12.3
SW	.3	.3	.4	.3	.1	.1	.0	.0				1.5	9.1
WSW	.3	.3	.5	.3	.1	.0						1.5	9.0
W	1.1	1.0	1.3	.7	.2	.0						4.3	7.4
WNW	1.0	1.2	1.6	.9	.3	.1	.0	.0				5.1	8.0
NW	2.3	2.3	3.4	2.4	1.2	.4	.1	.0	.0			12.6	9.5
NNW	1.2	1.4	2.2	2.2	1.3	.8	.2	.0	.0			9.3	11.5
VARBL													
CALM												10.7	
	11.4	11.9	19.4	19.1	11.0	4.1	4.3	1.8	.5	.1	.0	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

63734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE WMT UNIT APT 57-66 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	1.2	1.0	.7	.6	.7	.3	.0			6.4	14.4
NNE	.6	.1	.1	.4	.4	.5	.5	.6	.7	.5	.1	4.2	30.9
NE	.4	.4	.8	1.2	.4	1.2	1.0	1.2	.2			7.9	22.1
ENE	.6	.2	.3	.6	.0	.5	.1	.1	.0			2.7	17.0
E	.5	.2	.7	1.1	.9	1.3	.8	.5	.2			6.2	19.5
ESE	.3	.3	1.3	2.0	1.2	1.2	.7	.3	.1	.1		7.6	17.3
SE	.3	.9	1.5	1.5	1.0	1.1	.6	.3	.1		.0	8.0	15.3
SSE	.6	.6	.4	.4	.3	.3	.2					1.9	14.6
S	.6	.2	.5	.6	.4	.1	.1					2.1	12.0
SSW	.0	.1	.2	.3	.1	.1	.0					.7	12.9
SW	.2	.6	.3	.3	.1							1.3	8.4
WSW	.6	.1	.2	.1		.0						.6	7.7
W	.2	.7	1.2	.4	.4	.0						3.0	7.7
WNW	.7	.9	1.4	1.2	.4	.1	.0	.0				4.5	9.0
NW	2.1	6.4	4.2	4.1	1.6	.3	.6	.0	.0			16.0	11.1
NNW	1.1	1.2	2.2	2.2	1.7	1.5	.6	.1				10.7	13.8
VARBL													
CALM												16.2	
	6.2	4.3	16.6	17.4	10.4	4.4	6.5	3.5	1.4	.6	.1	100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 4955

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

17901 RESOLUTE BKT DPT APT 57-66 FEB
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	.6	.5	1.0	1.0	1.1	1.3	.5	.3	.0			6.3	16.3
NNE	.6	.2	.2	.5	.4	.3	.9	.4	.3	.2	.0	3.8	24.8
NE	.5	.6	.9	1.0	.8	1.6	2.6	.9	.2	.0	.0	9.1	22.0
ENE	.1	.2	.4	.6	.5	.5	.2	.1	.0			2.5	16.8
E	.2	.6	.8	.9	.8	.8	1.0	.7	.2			6.2	19.3
ESE	1.0	1.0	1.7	1.7	1.1	1.6	1.1	.6	.3	.1	.0	10.2	17.5
SE	.4	1.4	2.3	2.0	.8	.8	.6	.2	.1	.0		9.0	13.2
SSE	.3	.2	.6	.7	.3	.2						2.2	11.7
S	.2	.4	.5	.9	.4	.2	.1	.0				2.7	12.1
SSW	.1	.0	.3	.2	.1	.1						.9	11.7
SW	.2	.4	.4	.1								1.2	6.3
WSW	.2	.2	.6	.2								1.1	7.8
W	.2	.7	.7	.4	.2							2.4	7.5
WNW	.4	1.2	1.6	.8	.1	.0	.0					4.7	7.5
NW	1.6	2.3	3.4	4.3	1.3	.8	.3					13.9	11.0
NNW	1.1	1.3	1.6	2.3	1.4	1.3	.4	.2				10.2	13.6
VARBL													
CALM												13.5	
	9.4	11.2	16.9	17.4	9.0	10.0	7.5	3.3	1.0	.4	.1	100.0	12.9

TOTAL NUMBER OF OBSERVATIONS

4511

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17951 RESOLUTE PT OUT APT 57-66
STATION STATION NAME YEARS
ALL WEATHER CLASS
ALL MONTH
ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.0	1.0	.7	.0	.4	.2	.0				4.6	11.3
NNE	.6	.2	.2	.3	.3	.5	.3	.0	.0			2.0	17.9
NE	.4	.4	.5	1.1	1.6	1.2	.4					5.3	16.4
ENE	.2	.2	.2	.0	.0	.7	.1					2.8	16.5
E	.4	.3	.5	.7	.8	1.6	1.1	1.3	.3	.1		7.1	23.9
ESE	.7	.8	1.1	1.7	1.3	1.8	1.8	.9	.1	.0		10.3	19.4
SE	1.1	1.0	2.5	2.4	1.5	1.1	.8	.4	.0			12.2	13.4
SSE	.0	.3	.7	.7	.5	.2						2.7	11.6
S	.4	.0	.5	.4	.4	.4	.1					2.9	11.9
SSW	.1	.2	.2	.5	.1	.1	.1	.0				1.5	13.7
SW	.2	.1	.3	.3	.1	.1						1.0	10.3
WSW	.1	.1	.4	.1	.0							.7	7.8
W	.3	.9	.8	.4	.1							3.1	6.3
WNW	.9	1.4	1.2	.5	.9	.0						4.5	7.6
NW	3.0	3.1	4.1	2.5	1.3	.5						14.6	8.7
NNW	1.0	1.5	2.3	1.5	1.2	.6	.1	.0				8.8	10.4
VARBL													
CALM												15.9	
	12.6	12.5	16.6	15.0	10.4	4.2	3.1	2.7	.4	.1		100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 4960

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

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

SURFACE WINDS

17901 RESOLUTE NPT DDT APT

57-66

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.7	1.1	1.0	.9	1.0	.2					5.5	13.7
NNE	.2	.2	.3	.8	1.0	.7	.3	.1				3.7	17.4
NE	.6	.3	.9	1.5	1.5	1.7	.5	.0				7.0	16.6
ENE	.1	.2	.3	.6	.5	.2						2.0	13.6
E	.4	.2	.6	1.0	1.1	1.3	2.1	.9	.2	.1	.1	8.1	23.7
ESE	.8	.7	1.9	2.2	2.2	2.5	1.4	.3	.1	.0		12.1	17.6
SE	1.2	1.4	3.1	3.3	1.3	1.0	.0	.0				11.4	11.5
SSE	.4	.3	.7	1.4	.7	.5	.0					4.1	13.1
S	.3	.2	.6	.9	.9	.2	.0					3.1	13.1
SSW	.1	.1	.1	.3	.1							.7	10.5
SW	.1	.3	.6	.2	.0	.0	.0					1.3	8.8
WSW	.2	.2	.6	.4	.2	.0						1.6	10.3
W	1.0	1.0	.9	.4	.1							3.4	6.8
WNW	1.3	1.7	2.3	1.0	.1	.0						6.4	7.3
NW	2.2	2.6	3.6	1.9	.7	.2						11.2	8.2
NNW	1.1	1.4	1.6	1.0	.6	.4						6.1	9.2
VARBL													
CALM												12.4	
	10.6	11.0	19.1	18.0	11.8	10.0	4.7	1.3	.3	.1	.1	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

4800

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17901 RESOLUTE INWT DOT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	1.5	2.0	1.0	1.4	.2	.0				8.5	13.9
NNE	.4	.4	.6	.9	1.0	1.4	.9	.2				5.6	19.1
NE	.5	.7	1.1	1.4	1.4	1.1	.5	.1				6.8	15.4
ENE	.3	.3	.5	.6	.4	.1	.1					2.2	11.9
E	.5	.3	.9	1.2	1.3	.6	.5	.3	.1	.0		5.7	17.1
ESE	.4	.7	1.1	2.1	1.7	1.9	1.0	.3	.1			9.3	17.8
SE	2.0	1.6	3.2	2.2	.6	1.2	.5	.2	.0			11.7	11.6
SSE	.7	1.0	1.1	.9	.3	.3	.0					4.0	9.2
S	.6	.2	.7	.5	.6	.3	.1					3.3	11.9
SSW	.2	.2	.6	.6	.2	.2	.0					2.0	12.3
SW	.4	.2	.4	.2	.1							1.2	9.2
WSW	.4	.3	.4	.1	.1							1.3	6.7
W	1.1	.7	1.0	.1	.1	.1						3.1	6.6
WNW	1.9	1.9	1.7	.9	.2	.0						6.4	6.9
NW	2.6	2.6	3.9	1.7	.4	.2	.0					11.6	7.6
NNW	1.4	1.4	2.2	1.7	.7	.4						7.8	9.6
VARBL													
CALM												9.4	
	14.2	13.8	21.0	16.9	10.4	4.3	3.8	1.1	.2	.0		100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

5454

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DUT APT 57-66 JUN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	2.2	2.2	1.5	1.4	.3	.0				8.4	14.7
NNE	.2	.1	.7	1.0	.7	.8	.3	.0				3.7	16.6
NE	.2	.4	.9	1.4	1.3	1.1	.4	.1				5.9	16.7
ENE	.0	.1	.4	.8	.6	.4	.1	.0				2.5	16.2
E	.1	.2	.5	1.3	1.5	2.2	1.0	.1				7.1	19.9
ESE	.2	.3	.3	1.2	1.8	2.4	.7	.1	.0			7.1	19.8
SE	.4	1.3	2.3	3.2	1.8	1.4	.3	.1				11.3	13.4
SSE	.2	.6	1.1	.9	.4	.2	.0	.0				3.8	10.7
S	.5	.4	.9	.5	.4	.1	.0					2.7	9.8
SSW	.1	.0	.1	.5	.3	.0	.0					1.1	14.3
SW	.2	.1	.4	.6	.2	.1						1.6	11.9
WSW	.4	.3	.5	.4	.1							1.7	7.9
W	1.2	1.2	1.5	1.1	.2							5.2	7.7
WNW	1.1	1.3	1.9	1.8	.9	.3						7.3	9.9
NW	2.2	2.0	4.0	4.0	1.4	.6	.0					14.2	10.2
NNW	.5	1.0	3.0	4.0	1.9	1.1	.2	.0				11.8	13.1
VARBL													
CALM												4.4	
	8.2	9.9	20.9	25.0	13.0	14.2	3.5	.6	.0			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 5260

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE INWT OUT APT

57-66

JUL

ALL WEATHER

ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.5	1.7	2.4	1.2	1.0	.2	.0				7.4	14.6
NNE	.0	.1	.6	1.2	1.1	.7	.2	.2	.0			4.2	17.8
NE	.2	.2	.8	1.4	1.4	.8	.2					4.9	15.8
ENE	.0	.1	.3	.3	.3	.2	.1	.0				1.4	16.7
E	.2	.1	.4	1.5	1.0	1.3	1.1	.7	.2			6.6	22.1
ESE	.2	.3	1.0	1.4	1.9	1.3	.2	.1				6.5	16.1
SE	1.4	2.5	4.7	3.2	1.7	.4	.0					13.9	10.2
SSE	.4	1.3	1.9	1.0	.2	.0						5.6	7.9
S	1.2	.7	.8	.6	.0	.0						3.3	6.7
SSW	.1	.1	.3	.1	.0							.8	7.6
SW	.4	.2	.5	.2								1.4	7.0
WSW	.2	.6	1.2	.8	.4							3.2	9.0
W	2.2	3.0	3.6	2.1	.2	.0						11.5	7.4
WNW	1.7	2.0	2.5	.8	.2	.0						7.3	7.0
NW	2.2	1.4	1.4	2.0	.8	.2						7.9	8.7
NNW	.4	.4	1.1	2.8	1.2	.6						6.9	13.7
VARBL													
CALM												7.1	
	12.3	13.7	22.9	21.9	12.1	9.6	2.2	1.0	.3			100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

5456

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
STATIONRESOLUTE HWY DUT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASSALL
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	.8	1.6	2.8	1.6	.4	.1					7.7	12.9
NNE	.1	.2	.5	1.4	.7	.6	.2					3.7	15.4
NE	.4	.3	.5	1.1	.8	.5	.3	.0				3.9	15.6
ENE	.1	.1	.4	.5	.6	.6	.2	.1				2.7	17.7
E	.2	.4	.9	2.1	2.1	3.4	2.4	1.7	.5	.0		13.8	23.1
ESE	.4	.6	1.8	2.1	2.0	2.3	.9	.1				10.2	16.7
SE	1.8	2.4	3.6	2.4	.9	.2	.0					11.3	8.9
SSE	.7	1.1	1.4	.8	.3	.1						4.4	8.4
S	.4	.4	.5	.2	.1	.1						2.1	7.1
SSW	.2	.0	.1	.1	.1	.1						.6	11.0
SW	.3	.2	.3	.1		.0						.9	6.2
WSW	.5	.4	.5	.2		.0						1.6	6.9
W	1.9	1.5	1.9	1.0	.3	.0						6.7	7.1
WNW	1.5	1.5	2.7	1.2	.4							7.2	7.8
NW	2.8	1.6	2.0	1.8	.4	.1						8.2	7.8
NNW	.6	.6	1.5	1.6	1.4	.5	.1					6.4	12.5
VARBL													
CALM												8.6	
	12.0	12.5	20.2	19.4	11.6	9.1	4.2	2.0	.5	.0		100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

5456

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE WVT OOT APT
STATION

57-66
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOUSE (L & 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	2.1	4.1	3.8	1.7	1.5	.4	.1				14.6	12.2
NNE	.2	.4	1.9	1.9	1.6	1.2	.6					8.5	14.5
NE	.7	1.0	2.7	3.1	1.8	1.6	.4	.1				11.4	14.0
ENE	.1	.4	.7	1.0	.6	.2	.1					3.0	12.9
E	.4	.3	.9	1.2	1.1	.7	.1	.1	.1	.0	.0	5.1	15.9
ESE	.3	.3	.7	1.1	.8	.4	.1					3.6	13.9
SE	.3	.3	1.6	1.4	.6	.4	.1					5.1	11.7
SSE	.3	.4	.9	.7	.3	.2	.1					2.8	11.3
S	.2	.4	.6	.9	.6	.1						2.9	11.6
SSW	.2	.3	.5	.5	.3	.1						1.9	11.1
SW	.6	.3	.6	.6	.4	.0						2.4	8.4
WSW	.4	.3	.5	.5	.3	.2						2.1	10.6
W	1.0	.9	1.1	.6	.1	.0						3.6	7.0
WNW	.6	.6	.8	1.0	.5	.1						3.6	10.1
NW	1.8	1.2	3.1	4.0	2.4	.5	.0					12.5	11.7
NNW	.8	1.4	3.0	3.5	2.1	.7	.1	.0				11.5	12.0
VARBL													
CALM												5.4	
	8.4	11.4	23.6	25.6	12.0	7.7	1.9	.3	.1	.0	.0	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

3280

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE HWT DUT APT

57-66

00T

STATION

STATION NAME

YEARS

NORTH

ALL WEATHER

CLASS

ALL

MOUSE (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	2.0	2.1	3.7	2.4	1.2	1.0	.5	.3	.0	.0		13.2	11.5
NNE	.6	.4	.5	.7	.0	1.0	.6	.1				4.6	16.8
NE	.6	.7	.9	1.9	1.1	1.7	1.2	.4				8.4	17.6
ENE	.4	.3	.4	.6	1.0	.5	.1	.0				3.2	14.5
E	.5	.4	.4	.9	.8	.6	.6	.5	.2			4.9	19.0
ESE	.6	.8	.7	1.4	1.1	1.2	.5	.2	.0			6.6	16.0
SE	.7	.8	1.4	1.7	1.2	1.2	.6	.3	.0			7.7	15.3
SSE	.2	.3	.8	.5	.3	.3	.1	.1	.1			2.6	14.4
S	.4	.2	.5	.6	.3	.2	.1					2.3	11.7
SSW	.2	.2	.3	.6	.3	.2	.1					1.9	13.7
SW	.4	.5	.7	.8	.3	.2	.1					3.0	11.2
WSW	.2	.2	.2	.7	.4	.1						1.9	12.4
W	.7	.6	1.0	.8	.3	.1						3.5	9.0
WNW	.5	.5	.8	.6	.4	.1						3.0	9.8
NW	2.1	1.9	3.9	3.3	1.8	.6						13.6	10.3
NNW	2.5	2.4	3.2	2.6	1.2	.6	.0					12.5	9.5
VARBL													
CALM												7.3	
	12.5	12.3	19.3	20.0	12.2	9.7	4.4	1.8	.3	.0		100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

5872

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

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	1.2	1.1	1.8	1.7	.7	.5	.1					7.4	10.0
NNE	.5	.3	.4	.5	.6	.5	.3	.2				3.3	16.0
NE	1.1	.7	.8	1.5	1.9	1.5	1.2	.4	.1			9.1	17.3
ENE	.6	.3	.5	1.4	.9	.6	.2					4.4	14.1
E	.9	.5	.9	1.5	1.5	1.3	1.1	.9	.4	.3	.2	9.4	21.8
ESE	1.1	1.1	1.7	1.8	1.4	1.7	.9	.3	.1			10.1	15.5
SE	1.0	1.4	1.9	1.5	1.1	.5	.2	.0	.0			7.5	11.5
SSE	.2	.1	.5	.4	.2	.0						1.5	10.3
S	.4	.6	1.1	.9	.5	.1	.1	.0		.0		3.6	11.1
SSW	.2	.1	.2	.2	.3	.1			.0			1.1	12.4
SW	.3	.2	.3	.1	.1	.0						.9	8.2
WSW	.2	.3	.3	.2	.0							1.0	7.3
W	.6	.5	.6	.3	.0							1.9	6.6
WNW	.6	.7	.7	.3	.1							2.5	6.8
NW	2.6	3.4	3.8	2.2	1.0	.2	.0	.0				13.1	8.3
NNW	1.8	1.8	2.3	1.4	.5	.1	.0					8.3	8.7
VARBL													
CALM												15.0	
	13.4	13.0	17.6	15.8	10.7	7.4	4.2	1.9	.6	.4	.2	100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

5759

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17901
STATIONRESOLUTE NAT OUT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASSALL
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	.8	.8	1.5	1.1	.9	.9	.4	.1				6.4	13.5
NNE	.2	.2	.4	.6	.7	.7	.5	.2		.0		3.5	19.0
NE	.5	.2	.6	1.4	1.0	1.5	.8	.2	.1			6.2	18.5
ENE	.3	.2	.3	.7	.5	.4	.2					2.6	15.1
E	.6	.3	.9	.9	.9	.8	.9	.8	.5	.2	.0	6.8	21.7
ESE	.9	.7	1.4	1.7	2.1	1.5	.5	.3	.0	.0		9.2	15.8
SE	1.4	1.5	1.8	1.5	1.1	.9	.4	.2	.0			8.9	12.3
SSE	.6	.4	.9	.5	.2	.2	.1	.0	.0			2.9	11.1
S	.3	.3	.5	1.1	.8	.5	.1	.1	.0			3.5	14.5
SSW	.1	.2	.3	.2	.2	.2	.1					1.2	13.2
SW	.3	.2	.3	.2	.1	.1		.0				1.2	9.5
WSW	.3	.2	.2	.2	.2	.1						1.1	10.1
W	.7	.8	.9	.6	.2							3.2	7.7
WNW	.9	1.2	1.4	.6	.2	.0						4.3	7.3
NW	2.6	2.8	3.8	3.3	1.1	.4	.1	.1				14.1	9.2
NNW	1.7	1.5	2.6	2.2	.9	1.1	.4	.1	.0			10.5	11.7
VARBL												14.5	
CALM													
	12.4	11.3	17.7	16.6	11.1	7.3	4.4	2.1	.6	.2	.0	100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

5951

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE INVT OUT APT STATION NAME 57-06 YEARS JAN 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	.2	1.0	2.1	.6	.8	.3	.2	.2				6.3	11.1
NNE	.2			.5	.8	1.3	.3	1.0	.5	.5		5.0	29.2
NE	.3	.3	.8	1.0	.5	1.3	1.5	1.1				6.9	21.7
ENE	.2	.2	.3	.6	.8	.3	.3	.2				2.9	17.9
E	.6		.6	.8	.8	1.8	1.1	.3	.3			6.5	21.3
ESE	.6	.2	1.9	.6	.8	.6	1.0					5.8	15.0
SE	.6	1.3	2.6	2.1	1.8	1.3	.8	.3	.2			11.1	14.7
SSE	.2	.3	.3	.5	.2							1.5	9.4
S	.2	.6	.5	1.0								2.3	8.9
SSW				.3	.2							.5	15.3
SW	.2	.3	.3	.5	.2							1.6	9.6
WSW	.2											.2	3.0
W	1.0	.6	1.3	.2								3.1	6.2
WNW	.6	1.3	2.1	1.3	.3			.2				6.1	9.0
NW	1.3	3.1	5.6	3.2	1.8	.8	.3		.2			16.5	10.8
NNW	.6	.3	1.6	1.9	1.0	1.3	.3					7.9	14.7
VARBL													
CALM												15.8	
	7.6	11.0	20.2	13.2	10.3	4.2	3.8	3.2	1.1	.5		100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAL

SURFACE WINDS

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

17901 RESOLUTE NWI DDT APT

57-66

JAN

STATION

STATION NAME

YEARS

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	1.5	1.0	.8	1.3	.6	.2	.5		.2			6.8	11.1
NNE	.6			.4	.3		.5	.5	.6	.5	.2	3.5	31.5
NE	.5	.2	.6	1.1	.6	1.0	2.1	1.0	.3			7.4	22.9
ENE		.2	.3	.3	.6	.2	.2					1.8	16.1
E	.5		.8	.5	1.6	1.8	.8	1.0	.5			7.3	23.0
ESE	.5	.8	1.3	.8	.2	1.1	1.0	.3				6.0	16.6
SE	.6	1.1	2.6	1.8	1.5	1.1	.3	.6				9.7	14.7
SSE	.5	.2	.3	.6	.2							1.6	10.0
S	.2	.2	.5	.6	.3							1.8	11.5
SSW				.3	.2							.5	13.7
SW	.6	.3	.3	.3								1.6	5.9
WSW	.2	.2	.3	.2								.8	8.2
W	.5	.6	1.0	.8								2.9	7.6
WNW	.8	.3	1.6	.6								3.5	8.1
NW	3.7	2.1	5.0	4.7	1.5	1.3	1.1					19.2	11.3
NNW	1.0	.6	1.9	2.4	1.0	1.9	.3					9.4	13.6
VARBL													
CALM												16.3	
	10.8	6.7	17.4	17.4	8.4	8.5	6.8	3.4	1.6	.5	.2	100.0	12.5

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAJ

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

SURFACE WINDS

STATION 17901 STATION NAME RESOLUTE NWT OUT APT YEARS 57-66 MONTH JAN
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	.0	.2	1.0	.0	1.0	.2	1.0					4.5	15.2
NNE	.2	.2	.2	.2	.0	.5	1.1	.6	.8	.5	.2	4.8	31.9
NE	.0	.2	.5	1.5	.8	.8	1.6	.6	.6			7.6	21.3
ENE	.2	.2	.3	.3	1.0	.3						2.3	15.0
E	.2	.2	.8	1.5	.5	1.0	1.1	.8	.2			6.1	21.4
ESE	.2	.2	1.9	1.9	1.5	1.0	.4	.5				7.7	17.3
SE	.0	1.1	1.9	.2	1.1	1.3	.5	.3				7.6	14.3
SSE	.2	.2	.8	.2	.2	.3	.3					2.4	13.2
S	.2		.3	1.0	1.1							2.9	12.8
SSW				.2		.2						.3	17.5
SW	.2	.2	.2									.5	6.0
WSW	.2	.2		.2								.6	8.5
W	.2	.2	1.6	.6	.2							3.2	9.3
WNW	.2	.8	.6	1.0	.3							2.9	9.8
NW	1.3	2.2	4.2	3.7	1.0	1.3	.8					16.1	11.7
NNW	1.0	1.1	2.1	2.4	2.4	1.3	.2	.3				11.5	13.1
VARBL													
CALM												18.9	
	7.1	8.2	12.8	13.8	12.2	4.1	7.4	3.2	1.6	.2	.2	100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE KAT UNIT APT 57-66 JAN
 STATION NAME YEARS MONTH
 ALL WEATHER CLASS C400-1100
 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	1.3	.6	.3	1.5	.4	.6	1.9	.6				7.7	18.3
NNE	.2	.2		.8	.2	.5	.3	.2	1.0			3.2	26.4
NE	.3		.5	2.3	1.0	1.3	2.6	.3	.6			8.9	22.9
ENE	.3	.3		.5	.3	.5	.3					2.3	16.0
E	.0	.3	.8	1.0	.8	1.0	.8	.5	.2			6.1	18.1
ESE	.2	.6	1.5	3.1	1.3	1.1	.2	.2	.3	.2		8.7	16.2
SE	1.5	1.0	.5	1.0	.8	1.9	.6					7.3	14.8
SSE	.2	.2	1.0	.5	.3	.3	.3					2.7	14.4
S	.2		.2	.3	1.0		.2					1.9	15.3
SSW		.2	.2									.3	6.0
SW	.2		.8	.3	.2							1.5	9.8
WSW			.3	.2								.6	9.5
W	.5	.6	1.5	.3								3.1	6.9
WNW	.5	1.1	1.3	1.3	.2	.2						4.7	9.4
NW	1.0	1.0	2.1	5.6	1.6	1.5	.5					13.9	13.1
NNW	.3	1.3	1.9	1.8	1.5	1.0	.8					9.0	14.0
VARBL													
CALM												18.1	
	7.3	8.2	12.9	20.6	10.3	9.8	8.5	1.8	2.1	.2		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
 CTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESULTS NAT DUT APT 57-66 YEARS JAN 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	1.0	1.1	1.1	.6	.3	1.0	.6	.5				6.3	14.6
NNE		.2		.3	.2	.6	.3	.3	.3	.3		3.7	31.9
NE	.4	.8	1.3	.6	1.1	1.0	1.3	2.1				8.4	21.9
ENE	.3	.5	.8	.6	.3	.6						3.4	12.5
E	.6	.5	1.0	1.6	.5	1.0	.4		.2			4.0	14.6
ESE	.4	.8	1.6	2.4	1.0	2.3	.3	.3				9.5	16.4
SE	.0	.6	.6	1.3	.8	1.1	.3	.5				6.1	15.9
SSE		.3		.2	.6	.5	.6					2.3	20.1
S	.3	.2	.8		.4		.3					1.8	12.2
SSW		.2	.2	.3		.2	.2					1.1	14.9
SW	.0		.3									1.0	4.3
WSW	.3		.3	.3		.2						1.1	9.9
W	.2	.8	.8	.3								2.3	7.5
WNW	1.1	.8	2.4	1.0								5.3	7.5
NW	2.1	2.4	3.2	5.7	1.3	.6	.5					15.9	11.2
NNW	1.5	1.5	1.9	2.4	1.6	1.5	.8					11.7	13.5
VARBL													
CALM												14.6	
	9.5	10.7	16.5	18.6	8.7	10.5	5.8	3.9	.6	.3		100.0	12.6

TOTAL NUMBER OF OBSERVATIONS

618

2

DATA PROCESSING DIVISION
 JTAC/USAF
 AIR WEATHER SERVICE/JAC

SURFACE WINDS

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

17901 RESOLUTE WYD DUT APT
STATION STATION NAME

57-66

YEARS

JAN

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	.0	1.5	1.5	1.5	.0	1.0	.0					7.5	13.0
NNE	.0	.2	.2	.2	.0	1.0	.0	1.1	.3	.8		4.9	29.9
NE	.0	.0	1.0	.6	.0	1.0	.0	1.0				7.3	20.5
ENE	.0		.5	.8	1.0	1.0						3.6	16.2
E	.0		.2	.6	1.0	.6	1.0	.3				4.9	19.2
ESE	.0	.2	1.3	3.2	1.1	.8	1.3	.3	.3			9.6	18.2
SE	.0	.3	1.0	2.1	.3	.8	.0	.3	.0			6.8	16.7
SSE				.3	.3	.3						1.1	20.0
S		.2	.5	.6	.0							1.9	13.3
SSW			.5	.3	.2	.2						1.1	14.0
SW	.0	.3	.2	.5	.0							1.6	9.8
WSW	.0	.2	.3									.6	6.0
W	.0	.3	1.1	.3	.0							2.6	9.3
WNW	.0	.3	.6	1.3	.2	.2						3.4	10.2
NW	3.0	1.3	4.5	3.2	1.9	.3						14.9	9.3
NNW	1.0	1.5	2.3	1.6	1.9	4.8	1.5	.2				13.3	15.5
VARBL													
CALM												15.9	
	10.4	6.8	15.6	17.3	11.8	10.5	6.2	4.1	.0	.8		100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

617

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

17901 RESOLUTE NAT UNIT APT
STATION

STATION NAME

57-66

YEARS

JAN

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	.2	.3	1.1	1.0	.9	.8	.5	.5				5.2	17.1
NNE	.4	.3	.2		.5		.3	.5	1.0	.8	.3	4.0	35.0
NE	.3	.3	1.0	1.0	1.3	1.5	1.3	1.3	.2			8.1	21.9
ENE	.2		.3	.3	.8	.8	.2	.2	.3			3.1	21.8
E	.2	.3	.8	1.0	1.0	2.1	.5	.3				6.1	19.4
ESE	.6	.3	.5	2.7	.6	1.0	.8	.6		.3		7.7	19.6
SE	.2	.6	1.8	1.6	1.0	.5	.6	.2			.2	6.9	15.3
SSE	.3	.2	.2	.2	.2	.6						1.9	15.9
S	.4	.2	.8	.2	.2	.3						1.8	12.1
SSW		.3	.5	.3		.3						1.5	11.7
SW		.3	.2	.3	.4							1.0	11.2
WSW		.3										.3	5.5
W	.4	.6	1.1	.2	.3	.2						2.9	9.7
WNW	.0	1.1	1.5	1.1			.2					4.5	8.7
NW	2.1	1.8	6.0	3.3	1.0	.6	.3	.2				13.5	10.4
NNW	1.0	1.3	3.5	1.9	1.9	1.8	1.1					12.6	13.8
VARBL													
CALM												16.9	
	9.6	8.4	19.4	15.6	10.0	10.5	5.8	3.7	1.5	1.1	.5	100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE NWT DDT APT 37-66 JAN NORTH
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	.8	.6	1.8	.8	.6	.8	.5	.3	.2			6.5	14.9
NNE	.2	.2	.5	.6	.3	.2	.5	.8	1.1	.6	.2	5.2	31.1
NE	.3	.2	.6	1.5	1.1	1.5	1.6	1.3	.2			8.2	22.9
ENE		.2		1.1	.2	.3	.2	.5				2.4	20.7
E	.2	.2	1.0	1.8	1.1	1.1	.5	.5				6.3	18.4
ESE	.2	.5	.6	1.1	1.6	1.6	.3	.5				6.6	18.7
SE	1.1	.8	1.3	1.8	1.0	1.0	1.0	.5	.2			8.5	16.2
SSE		.2	.6	.5	.2	.3						1.8	13.1
S		.3	.8	.8		.2						2.1	10.8
SSW	.4	.2	.3	.5	.3							1.8	11.4
SW	.5	.2	.2	.2	.3							1.3	8.6
WSW	.3	.2	.2									.6	4.8
W	1.0	1.6	1.0	.3	.2							4.0	6.2
WNW	.6	1.5	1.1	1.6		.5						5.3	9.6
NW	1.6	4.0	3.1	3.4	2.4	.3	1.1					16.1	11.4
NNW	1.1	1.6	2.1	2.9	1.5	.5	.2	.2				10.0	11.6
VARBL													
CALM												13.2	
	8.2	12.3	15.3	18.9	11.1	8.2	5.8	4.5	1.6	.6	.2	100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

17901 RESOLUTE NAT DUT APT 57-66 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
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	.5	.2	.7	.9	.5	1.1	.5	.2				4.6	16.8
NNE	.6	.4		.5	.4	1.6	.9	.5				4.6	23.5
NE	.5	.5	.5	1.6	1.1	2.0	1.1	1.1	.2		.2	8.7	21.3
ENE	.2	.2	.7	.4	.7	.9	.2	.2				3.4	17.2
E	.2	.7	.9	1.2	1.2	.9	.9	1.2	.2			7.4	20.3
ESE	1.1	1.2	1.6	.7	1.6	1.2	1.6	.9	.2	.2	.2	10.3	18.8
SE	.5	.4	2.5	2.0	.7	.9	.5					8.0	13.1
SSE	.2	.4	.7	.5	.6	.2						2.1	10.9
S	.2	.2	.4	.9			.5					2.1	15.5
SSW			.7	.4	.4	.4						1.8	14.5
SW		1.2	.4	.2								1.8	6.1
WSW	.2	.2	.2	.2								.7	6.5
W	.4	.4	.7	.5								2.0	8.0
WNW	1.2	1.1	1.6	.2								4.1	6.2
NW	.4	2.0	3.0	5.0	2.1	1.2	.4					14.5	12.5
NNW	1.0	1.8	1.8	1.8	1.8	1.4	.7	.2				11.0	13.3
VARBL													
CALM												12.4	
	7.4	11.2	16.3	16.8	10.6	11.7	7.3	4.3	.7	.2	.4	100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

564

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2
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DATA PROCESSING DIVISION
BTAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DDT APT 57-66 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
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	1.4	1.8	1.4	1.4	.2	.2				7.3	13.6
NNE	.2	.2	.4	.2	.2	.7	1.6	.2	.4	.2		4.1	25.3
NE	.2	.4	1.4	.7	.5	1.6	1.4	1.1	.5			8.7	21.0
ENE	.2	.2	.2	.7		.4	.4	.2				2.1	18.2
E	.7	.4	1.4	.4	1.4	.9	1.2	.4	.2			7.4	17.4
ESE	1.4	1.2	1.1	2.1	1.2	2.1	1.6	.5	.4	.2		11.7	18.0
SE	.4	1.8	.7	2.0	.7	1.2	.4					7.6	12.6
SSE	.2		.4	.2	.2	.4						1.6	11.0
S		.4	.2	.5	.2			.2				1.4	14.0
SSW	.2		.9	.7		.2						2.0	11.2
SW	.2	.4	.7	.4								1.6	8.6
WSW		.4	.7	.2								1.2	8.4
W	.4	.4	1.1	.9								3.2	8.1
WNW	1.2	1.1	1.1	.4			.2					3.9	7.1
NW	1.5	2.1	3.7	4.1	.4	.7						12.8	9.9
NNW	.9	1.2	1.4	2.6	2.5	1.4	.4					10.6	14.3
VARBL													
CALM												12.8	
	9.6	11.7	16.7	17.9	8.1	11.0	7.3	2.7	1.4	.4		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 564

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE WMT 001 APT 57-66 FEB
STATION STATION NAME YEARS 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	.7	.9	1.1	.7	1.6	.7					6.0	16.6
NNE	.4					.4	.9	.5	.2	.2		2.5	28.9
NE	.9	.4	.9	1.2	1.1	2.3	1.8	.2	.2			8.9	19.4
ENE	.4		.2	.5	1.1	.7		.4	.2			3.4	19.9
E	.9	.9	.7	.9	.9	.5	.4	.9				6.0	15.8
ESE	.7	.5	1.4	2.1	1.1	1.8	.9	1.1	.5	.4		10.5	20.5
SE	1.1	2.0	1.4	1.8	1.1	1.1	.4					8.7	12.0
SSE	.4		.4	1.2	.2							2.0	11.3
S	.9	.5	.7	.9	.2							3.2	8.7
SSW	.2		.4	.4								.9	9.4
SW	.5	.4	.2									1.1	4.5
WSW	.4	.4	.9									1.6	7.3
W	.5	.9	.7	.7	.2							3.0	7.9
WNW	.9	1.6	2.7	.9		.2						6.2	7.8
NW	1.8	2.0	2.5	4.1	1.2	1.2	.7					13.5	12.3
NNW	.5	1.4	1.8	2.5	2.0	1.1	.4	.2				9.8	13.9
VARBL													
CALM												12.9	
	10.2	11.2	13.6	18.2	9.0	10.8	6.0	3.2	1.1	.5		100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 564

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

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

SURFACE WINDS

17901 RESOLUTE WMT DDT APT 57-66 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0900-1100
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	.4	.9	.2	1.4	1.8	.4	.4				6.4	16.8
NNE	.2	.5	.2	.4	.4	.5	.5	.4	.4	.2		3.5	22.8
NE	1.1		1.1	.9	.9	1.2	3.5	.7	.2			9.6	21.7
ENE		.7	.2	1.1	.4	.5	.2					3.0	15.1
E	.4	.2	.2	1.6	.5	.5	1.2	.9	.7			6.2	23.5
ESE	1.1	.5	2.5	2.0	.7	1.4	.5	.7	.2			9.6	19.9
SE	.7	.4	3.2	2.5	.7	1.1	.5		.2			9.2	13.8
SSE	.2	.4	1.1	.7	.2							2.5	9.9
S		.4	.9	1.1	.7	.2						3.2	12.8
SSW	.2											.2	3.0
SW	.5											.5	2.3
WSW	.4		.7	.2								1.2	8.6
W	.9	1.1	.7		.4							3.0	6.9
WNW	1.2	1.6	1.6	.7	.4							5.7	7.3
NW	1.4	3.4	1.4	3.7	1.6	.7	.4					12.6	10.9
NNW	1.1	1.4	1.6	2.8	1.6	1.2	.2					10.1	13.0
VARBL													
CALM												13.5	
	10.4	11.0	10.1	17.7	9.9	9.2	7.4	3.0	1.6	.2		100.0	12.7

TOTAL NUMBER OF OBSERVATIONS

564

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17901 RESULTS RESULTE NWT DNT APT STATION NAME 57-66 YEARS REB
 CLASS ALL WEATHER NORTH 1200-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.1	.5	1.4	1.2	.5	.4				7.6	14.5
NNE				.4	.5	1.1	1.1	.2	.4	.2		3.7	28.1
NE	.4	1.1	.5	.7	.4	1.8	2.5	1.1				8.3	21.7
ENE	.2		.4	.9	1.1		.2					2.7	15.3
E	.7	.5	.7	.5	.5	.5	1.2	.5	.2			5.5	19.2
ESE	.7	1.4	1.8	2.0	.7	1.2	.4	.5	.4			9.0	15.3
SE	1.1	1.1	3.5	2.0	.5	.7	.9	.5				10.3	13.3
SSE	.5		.5	1.2	.7	.2						3.2	12.4
S	.4	.4	.5	1.1	.7	.2						3.2	12.4
SSW				.2								.2	11.0
SW	.4	.7	.5	.2								1.8	7.0
WSW	.2	.2	.5	.5								1.4	8.4
W	.2	.7	.4	.2	.2							1.6	7.8
WNW	1.2	1.2	.7	.4								3.5	6.0
NW	1.8	2.1	4.1	4.1	1.4	.9						14.4	10.7
NNW	1.6	1.6	1.2	3.7	2.0	.9	.2					11.2	12.1
VARBL													
CALM												12.4	
	10.1	12.4	16.5	18.4	10.1	8.7	6.9	3.2	.9	.2		100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 564

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAL

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

SURFACE WINDS

17901 RESOLUTE WMT DDT APT 57-66 FEB
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 1200-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.4	1.2	.4	6.0	.2	.5				7.6	16.0
NNE	.2	.2	.2	.9	.4	.3	.4	.4		.4	.2	4.4	21.9
NE	.6	.4	.7	.9	.4	1.2	2.8	1.4				8.0	24.2
ENE		.2	.7	.2	.2	.2						1.4	11.3
E	.4	.4	.9	1.1	1.1	1.2	.4	.2				6.0	15.3
ESE	.7	1.4	1.2	2.1	.4	1.4	1.2	.4	.5	.2		10.1	18.0
SE	.4	1.2	2.0	2.8	.4		.9		.5			8.7	13.9
SSE	.6		.2	.5	.4	.2						1.4	14.0
S	.4	.7	.7	1.2	.2	.2						3.4	10.2
SSW	.6	.2		.4	.4							1.1	11.8
SW		.4	.4									.7	6.0
WSW	.6		.5	.2								.9	8.4
W	.7	.2	.4		.6							1.8	5.8
WNW	.7	1.1	2.7	.7	.6							9.3	7.8
NW	1.4	2.8	3.7	3.4	.4	.5	.4					13.1	10.4
NNW	.4	1.2	2.5	1.8	1.8	1.8	.5	.2				10.6	14.1
VARBL													
CALM												15.4	
	6.4	11.2	18.1	17.4	8.2	4.2	6.7	3.0	1.1	.5	.2	100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 364

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AMC

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

SURFACE WINDS

1/9/1 STATION RESOLUTE NVT UNIT APT

57-66

FFB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1000-2000

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	.4	.4	.5	1.8	1.1	.5	.7	.4	.2			5.9	17.4
NNE		.2	.2	.4	.4	.9	1.1		.4	.4		3.7	26.9
NE	.2	.5	1.1	.5	.7	1.2	4.1	1.2				9.6	24.5
ENE			.7	.4	.4	.5						2.0	15.1
E	.4	.2	.7	.7	.5	1.1	1.6	.4				5.5	21.2
ESE	1.4	1.1	1.1	1.1	1.2	2.0	1.1	.4	.2	.2		9.6	17.1
SE	1.0	2.3	2.8	1.6	.9	.7	.7	.5		.2		11.3	12.7
SSE		.7	.7	.5	.4	.5						2.8	12.9
S	.4		.4	.4	.5	.2						1.8	12.9
SSW	.2		.4									.5	6.3
SW	.4	.4	.7	.2								1.6	6.1
WSW	.2		.4									.5	7.3
W	.7	.5	.9	.2	.4							2.7	7.6
WNW	.5	.7	1.2	1.4								3.9	8.4
NW	1.0	2.3	4.8	5.0	1.1	.2	.2					15.1	10.2
NNW	1.4	.9	1.2	1.4	1.8	1.8	.2	.4				9.0	14.4
VARBL													
CALM												14.5	
	9.6	10.1	17.7	13.4	9.2	9.6	9.6	3.2	.7	.7		100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

564

2

DATA PROCESSING DIVISION
ETOC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1/901 RESOLUTE CNT DBI APT
STATION STATION NAME

57-66
YEARS

FEB
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	.4	.2	1.1	.7	1.2	.5	.7	.4				5.2	17.6
NNE	.6		.4	1.1	.4	.4	.5	.7	.4			3.7	23.4
NE	.3	.7	1.1	1.2	1.4	1.4	3.0	.7	.2	.2		11.0	21.9
ENE		.2	.4	.4	.4	.7	.5					2.5	19.1
E		.7	.5	.9	.5	1.1	.7	1.2				5.7	22.0
ESE	.1	.7	2.8	1.4	1.4	1.8	1.6	.2				10.7	16.2
SE	.1	1.2	2.1	1.0	1.1	.7	.7	.2	.2			8.5	14.2
SSE	.4	.4	.7	.4	.6	.4						2.3	11.2
S	.6	.4	.5	1.1	.4	.5						3.0	12.9
SSW	.6		.2			.4						.7	15.3
SW	.4	.2	.4									.7	6.3
WSW		.5	.9									1.4	6.8
W	.4	.7	.7	.4								2.1	7.3
WNW	.6	1.1	1.6	1.3								4.6	9.3
NW	2.2	1.6	3.7	4.8	1.0	1.2	.2					15.6	11.3
NNW	1.1	1.1	1.2	2.0	2.0	.9	.4	.4				8.9	14.1
VARBL													
CALM												13.3	
	7.5	9.8	18.3	17.0	10.3	9.9	8.9	3.7	.7	.2		100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

563

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17901 RESOLUTE NAT DOT APT STATION NAME 57-66 YEAR MONTH DAY
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		.8	.5	.2	1.1	.2						2.7	13.0
NNE	.9	.3	.2	.6	.6	.8	.2					3.1	15.6
NE	.6	.5	.3	1.3	1.3	1.5	1.0					6.5	17.7
ENE			.3	1.3	.3	.6	.2					2.7	17.2
E	.9	.3	.8	.5	.5	1.9	1.5	1.8	.2			7.7	24.6
ESE	.6	1.8	1.6	1.6	1.0	2.3	.8	.5	.3			10.5	16.7
SE	.6	1.4	2.9	1.1	1.1	1.0	.8	.5				12.1	13.6
SSE	.6	.3	.6	.5	.6	.2						2.9	10.7
S		.8	1.0	.2	.3	.2						2.4	10.0
SSW		.4	.2	.3	.4		.5					1.3	19.8
SW	.4	.2		.3		.3						1.0	12.8
WSW			.5									.5	9.0
W	.5	1.6	1.1	.3								3.7	6.3
WNW	1.1	1.1	1.1	1.1	.4							4.7	7.7
NW	3.4	3.9	3.5	2.7	1.6	.2						15.3	8.4
NNW	1.5	.6	2.3	1.0	.5	.3	.2					6.3	9.9
VARBL													
CALM												16.6	
	10.0	14.2	16.9	15.0	7.4	7.4	2.0	2.7	.5			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
 DTAG/USAF
 AIR WEATHER SERVICE/DAAG

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

SURFACE WINDS

17901	RESOLUTE PT APT	57-66	AR
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	.3	.6	.6	.6	.6	.3	.3					3.5	13.3
NNE	.2	.2	.5	.2	.5	.3	.2					1.9	15.1
NE	.2	.2	.2	1.0	1.0	1.5	1.0					5.5	19.9
ENE	.5	.2	.2	.5		.6	.3					2.3	15.7
E	.6	.5	.2	.2	.5	1.9	1.3	1.5	.5	.3		6.9	27.9
ESE	.6	.6	.8	2.1	1.1	1.9	2.1	.5				9.8	19.1
SE	.8	.8	4.4	2.4	1.0	.5	.6	.6	.2			11.3	13.7
SSE	.2	.2	1.0	.8	.8	.3						3.5	12.5
S		.3	.2	.8	.8	.8						2.9	16.2
SSW	.2	.2		.3		.5						1.1	15.7
SW		.2	.3	.5	.5							1.5	13.3
WSW			.8									.8	9.6
W	1.0	1.3	.6	.5								3.4	6.2
WNW	.6	1.3	1.5	1.1	.2							4.7	8.0
NW	3.4	4.4	4.5	1.6	1.3	.2						15.8	8.0
NNW	.6	1.0	1.9	1.9	.3	.2		.2				6.8	10.3
VARBL													
CALM												14.2	
	4.0	12.4	17.6	14.3	4.7	4.0	5.8	2.7	.6	.3		100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

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

SURFACE WINDS

17901 RESOLUTE NAT OUT APT

57-66

MAR

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 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.3	1.5	.0		.2						4.2	9.2
NNE	.4		.5	.2		.3	.3					1.9	16.7
NE	.8	.6	.2	1.3	1.0	1.3	.8					6.0	16.4
ENE	.3	.3	.3	.4	.6	.2						1.9	11.8
E	.5	.3	.5	.5	.6	1.9	1.5	1.3	.3	.3		7.7	23.3
ESE	1.0	.4	1.8	1.1	.8	1.3	2.1	.5	.2			9.5	18.4
SE	1.0	1.3	2.6	2.9	1.0	1.5	.6	.3	.2			12.6	14.0
SSE	.4	.3	.6	.4	.6	.2						2.7	12.6
S	.4	.6	.6	.4	.6	.8						3.1	13.7
SSW	.4	.3	.5	.6	.2							1.8	9.6
SW				.5								.5	14.0
WSW		.6	.6	.2								1.5	7.4
W	1.1	.5	1.1	.2								2.9	5.8
WNW	.5	1.2	1.3	.5	.3							4.0	7.8
NW	2.6	3.1	5.2	2.9	1.0	.5						15.2	8.9
NNW	1.0	1.1	2.7	1.9	.5	.6						8.1	10.7
VARBL													
CALM												16.9	
	11.3	11.8	20.0	14.5	6.1	7.0	5.3	2.1	.6	.3		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17901 STATION NAME RESOLUTE PT APT YEARS 57-66 MONTH JAN
 CLASS ALL WEATHER HOURS 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	1.5	1.1	1.3	.8	.3	.5	.6	.2				6.3	11.6
NNE		.2	.2	.2	.3	.6	.2	.2	.2			1.9	22.7
NE	.2	.6	.6	1.3	.2	1.3	.3					4.5	16.0
ENE	.2	.2	.2	.3	.6	.2	.2					1.8	15.9
E	.2	.3		.3	1.1	1.5	.8	1.5	.6			6.3	27.0
ESE	.6	.8	1.3	1.9	1.6	1.3	2.3	.8	.2			10.8	19.5
SE	2.1	1.9	2.1	2.6	2.4	.6	1.0	.2				12.9	12.5
SSE	.2		.5	.8	.3	.3						2.3	13.9
S	.3	.3	.2	.6	.2	.8	.2					2.7	14.1
SSW		.5	.8	.6	.3							2.3	9.9
SW			.2									.2	9.0
WSW	.2	.6										.5	3.7
W	1.5	1.1	1.0	.6	.3							4.4	7.1
WNW	.6	2.1	1.1	.2	.2							4.2	6.2
NW	3.6	1.6	4.7	2.4	1.5	.3						13.9	9.0
NNW	1.1	1.1	2.6	1.6	1.1	.8	.3					8.7	11.6
VARBL													
CALM												16.3	
	12.1	12.1	16.6	14.4	10.0	8.2	5.8	2.7	1.0			100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION NAME RESOLUTE NWT DUT APT 57-66 YEARS MONTH 1200-1400
 CLASS ALL WEATHER
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.2	.3	1.3	.0	.3	.3					4.0	13.5
NNE	.6	.2			.2	.2	.6					1.8	22.3
NE	.3	.6	1.0	.5	1.3	.8	.6					4.7	14.4
ENE	.2	.2		1.0	.8	.3	.2					2.6	16.9
E	.0	.2	.2	.6	.2	.3	1.3	1.3	.3			5.3	24.2
ESE	.3	.3	.6	1.9	1.8	4.1	1.6	.6				9.7	20.0
SE	2.1	1.3	2.3	2.6	1.0	1.5	.8	.8				14.3	14.2
SSE	.0		1.8	.3	1.0	.3						4.0	11.6
S	.0		.6	.8	.6	.2						2.9	11.3
SSW	.3	.2		1.1	.2							1.8	11.1
SW	.3	.3	.3	.3								1.3	7.4
WSW	.3	.2	.3									.8	6.0
W	1.0	.6	1.0	.4								3.4	6.6
WNW	.0	1.8	1.6	1.6	.0							6.3	9.2
NW	3.3	4.4	2.7	1.6	1.3	.6						12.7	8.4
NNW	4.1	2.1	2.1	2.3	4.1	1.0						12.3	10.3
VARBL													
CALM												14.4	
	13.0	11.1	14.8	16.8	11.8	8.1	3.0	2.7	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE INLT OUT APT 57-66
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
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	.8	.6	.5	.0	.3	.2					4.2	10.2
NNE		.2	.2	.8	.3	.6						2.1	17.0
NE	.5	.3	.5	.8	1.5	.8						4.4	15.0
ENE		.2		1.0	.3	.6						2.3	16.3
E	.4	.5	.3	1.1	1.1	1.3	1.3	1.0				6.8	22.1
ESE	.5	1.0	.8	1.0	1.0	2.4	1.8	1.6	.2			10.2	21.9
SE	2.7	1.6	1.9	2.4	1.5	1.3	1.1	.2				12.7	12.8
SSE	.3	.3	.3	1.0	.4	.2						2.3	11.0
S		.6	.6	.5	.6	.3						2.9	12.8
SSW		.2		.3	.3							.8	13.4
SW	.4	.3	.6	.5	.2							1.8	8.7
WSW		.4	.2		.2							.5	11.0
W	1.0	.5	.8	.2	.4							2.6	6.7
WNW	2.3	1.1	1.0	.8	.3							5.6	7.0
NW	2.7	2.6	4.4	3.2	.6	1.0						14.3	9.3
NNW	1.0	2.4	2.7	.6	2.7	.8						11.1	10.7
VARBL													
CALM												15.3	
	13.6	12.7	15.0	14.7	11.9	9.8	4.4	2.7	.2			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
 RTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE NAT DOT APT 57-66 YEAR 1800-2000
 MONTH
 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	1.0	.5	1.6	1.6	.4	.3						6.6	9.9
NNE	.6	.2	.2			.3	.5					1.1	21.0
NE	.3	.5	.6	1.1	1.3	1.3						5.2	15.4
ENE	.2	.5	.2	1.0	1.1	1.3	.2					4.8	17.5
E	.3		.8	1.8	1.0	2.3	.6	1.1	.2			8.1	21.5
ESE	.8	.8	1.1	1.9	1.0	1.6	1.6	1.1	.2	.2		11.0	19.6
SE	2.3	1.6	2.1	1.8	1.5	1.3	1.0					11.5	12.5
SSE	.6	.5	.8	.8								2.3	9.0
S	.2	1.0	.6	.3	.3	.2	.5					3.4	11.8
SSW	.2	.2		.5			.2	.2				1.5	13.3
SW	.2	.2	.5			.2						1.3	8.0
WSW	.6		.3									.5	7.0
W	.3	.6	.5	.2								1.6	6.3
WNW	1.0	1.0	1.1	.5								3.9	6.0
NW	2.0	2.9	3.9	3.7	1.5	.3						14.8	9.1
NNW	2.4	1.6	1.9	1.8	1.1	.6						9.5	9.7
VARBL													
CALM												13.4	
	13.9	11.8	10.3	16.9	10.6	10.2	4.5	2.4	.3	.2		100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 620

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17901 RESOLUTE NAT DDT APT STATION NAME 37-66 YEARS MAR 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	.0	.5	1.9	.3	.5	.0		.2				4.8	11.4
NNE	.0	.5		.3	.6	.3	.6					2.7	16.6
NE	.0	.2	.5	1.5	1.6	1.5						5.8	15.7
ENE	.3		.3	1.3	.6	1.3	.2					4.0	17.4
E	1.1	.2	1.1	.6	1.3	1.3	1.0	1.1				7.7	19.2
ESE	1.1	.5	.6	2.3	1.6	1.6	1.8	1.3				11.0	20.0
SE	1.0	2.6	2.1	1.6	2.1	1.6	.6	.3				11.9	13.8
SSE	.2	.6		.6	.3	.2						1.9	11.0
S	1.3	1.1	.5			.2						3.1	5.6
SSW		.2	.3	.3		.2	.5	.2				1.6	20.7
SW	.3		.3		.2	.2						1.0	11.0
WSW	.8		.2	.3								.8	9.0
W	1.5	.5	.6	.2								2.7	5.1
WNW	.3	1.0	1.3	.3	.2	.2						3.2	8.8
NW	2.4	3.9	3.9	2.1	1.5	.6						14.4	8.9
NNW	1.0	1.6	1.9	1.1	1.0	.3						7.6	9.5
VARBL													
CALM												15.6	
	13.4	13.2	15.6	12.9	11.0	10.0	4.7	3.1				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

620

2

DATA PROCESSING DIVISION
 HTAC/USAF
 AIR WEATHER SERVICE/14C

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

SURFACE WINDS

17901 STATION RESOLUTE NWT DUT APT 57-66 YEARS APR NORTH
 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	.8	1.7	.3	.7	.8	.2					5.2	11.8
NNE	.3	.2	.2	.6	1.3		.2	.2				3.2	16.1
NE	1.3		1.0	1.7	.8	2.3	.8					8.0	16.4
ENE		.3	.7	.7	.5	.3						2.5	13.9
E	.3	.3	.8	1.3	1.7	2.2	1.3	1.3	.3			9.7	22.3
ESE	1.3	1.0	1.8	1.3	2.2	2.0	1.2					10.4	15.5
SE	1.3	.8	2.5	4.2	.8	1.2						10.7	11.8
SSE	.5		.8	2.0	.3	1.3						5.0	14.7
S	.3		.7	.7	.7	.3						2.7	13.1
SSW	.4		.2	.5								.8	9.8
SW	.4	.3	.5									1.0	7.3
WSW	.4	.2	.5	.7	.2							1.7	10.0
W	1.0	1.2	.8	.2								3.2	5.4
WNW	1.1	2.0	1.2	.5								5.3	5.7
NW	2.0	2.5	3.3	1.5	.2	.2						11.7	7.7
NNW	.7	1.5	2.3	.8	.8	.3						6.5	9.3
VARBL													
CALM												12.2	
	11.4	11.2	21.0	17.2	10.4	11.0	3.7	1.5	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

600

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

17901 RESOLUTE WNT DOT APT 57-66 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.2	1.2	.5	.3						4.7	13.3
NNE	.4	.3	.7	.8	.5	.8		.3				3.7	16.3
NE	.8	.7	.8	1.5	1.8	1.0	.3					7.0	14.4
ENE		.2	.5	.8	.7	.5						2.7	15.1
E	.7	.5	.7	.8	.5	1.7	3.0	.3	.5	.3		8.8	24.0
ESE	1.4	.8	3.3	2.2	1.7	4.2	1.5	1.2				13.0	15.7
SE	1.2	.7	3.7	2.8	.8	1.2						10.7	11.2
SSE	.5	.4	.7	.7	.5	.5						2.8	12.2
S		.2	.8	.8	1.2							3.0	13.6
SSW		.4		.5	.4							.8	12.6
SW	.4	.3	.3	.3		.2	.2					1.5	11.3
WSW	.4		.2	.5								.8	9.0
W	.8	.8	.5	.2								2.3	5.4
WNW	1.6	.8	.8	.5								3.2	6.4
NW	2.4	2.7	3.3	1.2	.8							10.3	7.5
NNW	1.0	1.4	2.2	1.7	.5	.5						8.5	8.7
VARBL													
CALM												16.2	
	11.4	11.2	19.7	16.5	4.4	4.3	5.0	.8	.5	.3		100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

600

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE INY DOT APT

57-66

APR

STATION

STATION NAME

YEARS

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	1.0	.5	.8	1.2	.8	1.0						5.7	12.4
NNE	.6	.5	.3	.3	1.0	1.5	.5					4.3	18.3
NE	.8	.3	1.0	1.0	.7	1.3	.7					5.8	15.9
ENE	.6	.2	.3	.5	.5	.3						2.0	13.8
E	.3	.2	.2	.8	.7	1.3	2.5	1.0	.3		.5	7.8	27.3
ESE	.8	.7	3.0	3.2	2.5	2.0	2.2	.2	.2			14.7	17.0
SE	.7	2.5	3.3	2.3	1.2	1.3						11.3	11.0
SSE	.6	.7	.2	1.7	1.0							3.7	12.5
S	.7	.2	.5	.7	.5							2.5	10.2
SSW		.2										.2	4.0
SW			1.3									1.3	8.9
WSW	.6		.2	.3	.5	.2						1.3	14.6
W	.8	.8	.3									2.0	4.9
WNW	1.3	1.7	1.7	.5								5.2	6.5
NW	3.2	3.7	2.3	1.3	.8	.2						11.5	7.2
NNW	1.6	2.0	2.3	.8	.5	.2						7.0	8.0
VARBL													
CALM												13.7	
	11.2	14.3	17.8	14.7	10.7	4.3	5.8	1.2	.5		.5	100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

600

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17901 RESOLUTE NWT DUT APT STATION NAME 57-66 YEARS MONTH APR
 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	1.3	.2	.8	.3	1.0	.8						5.3	13.3
NNE	.3	.2	.2	.3	.2	.7	.5					2.7	16.7
NE	.3		.8	1.5	1.2	1.3	.3					5.5	16.9
ENE	.3	.3	.3	.6	.7	.2						2.8	11.9
E	1.0	.2	.2	.5	.8	1.2	2.5	1.0	.3		.5	8.2	25.6
ESE	.3	.5	1.7	2.2	3.5	1.7	.8	.3	.5			11.7	18.0
SE	1.5	1.5	3.3	4.3	1.8	1.2						13.7	11.8
SSE	.3	.3	1.2	.7	1.2	.5						4.3	13.0
S	.2	.6	.3	1.0	1.0	.2	.2					3.0	14.7
SSW	.2											.2	3.0
SW		.2	.7	.3								1.2	9.6
WSW				.2	.3							.7	16.0
W	1.0	.8	1.0	.3	.3							3.5	7.2
WNW	1.2	1.0	2.3	.8								5.3	7.3
NW	3.2	3.8	3.5	2.8	1.2	.2						14.7	8.2
NNW	.7	2.0	.7	1.3	.5	.2						3.3	9.0
VARBL													
CALM												12.0	
	12.0	11.8	17.0	17.5	14.7	8.0	4.3	1.3	.8		.5	100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 600

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

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

SURFACE WINDS

17901 STATION RESOLUTE NWI DOT APT 57-66 YEARS APR
 NORTH
 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	.7	.8	1.5	1.2	.8	.8	.2					6.0	12.2
NNE	.8	.2		1.7	.5	.5	.5	.2				3.8	18.0
NE	.8	.2	.5	2.0	2.2	1.2	.3					6.8	17.3
ENE	.3	.3			.2							.8	6.8
E		.2	.5	.8	1.7	.7	2.5	.3	.2	.3		7.2	24.6
ESE	.3	.7	.7	1.3	2.0	3.0	1.3	.8		.2		10.5	20.6
SE	1.3	1.8	3.0	4.2	1.5	.5						12.3	10.9
SSE	.8	.3	.5	2.3	.8	.8	.2					5.8	13.9
S		.2	.3	1.5	1.5	.7						4.2	16.4
SSW		.2		.2								.3	9.5
SW	.3	.3	1.0	.2	.2							2.0	8.6
WSW	.2	.3	.3	.2	.3	.2						1.7	10.8
W	1.0	1.0	.7	.5	.3							3.5	7.6
WNW	1.3	1.3	3.5	1.5	.3	.2						8.2	8.5
NW	1.8	2.5	4.7	3.0	.5	.7						11.2	9.5
NNW	1.2	.8	1.2	.2	1.2	.5						5.0	10.5
VARBL													
CALM												10.7	
	10.4	11.3	16.3	20.7	14.2	9.7	5.0	1.3	.2	.5		100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/1AC

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

SURFACE WINDS

17901	353607E 1947 DDT APT	57-66	APR
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	.4	.7	1.2	.8	1.4	1.2	.2					5.5	15.2
NNE	.4		.7	.8	1.5	.7	.3					4.2	17.2
NE		.3	1.2	1.7	1.5	1.7	.2					6.5	16.6
ENE		.2	.2	.8								1.2	11.6
E	.3		.7	1.2	1.2	1.7	1.7	.7				7.3	21.8
ESE	.6	.3	2.0	.7	1.7	3.2	1.7	.5				10.2	19.9
SE	.7	1.3	3.5	3.0	1.0	1.0	.3	.3				11.2	12.4
SSE	.3	.7	1.3	1.0	1.3	.2						4.8	12.0
S	.5	.2	1.0	1.3	1.2	.2						4.3	12.4
SSW	.3	.2		.3	.3							1.3	10.1
SW			.3	.3	.2							.8	11.6
WSW	.4	.3	1.3	.3	.2							2.3	8.9
W	1.6	.8	1.2	1.2	.3							4.5	8.6
WNW	1.0	2.2	2.5	2.3								8.0	8.3
NW	1.1	1.8	3.5	2.8	1.0	.3						11.2	9.5
NNW	1.1	.2	1.2	1.0	1.0	.9						5.8	11.3
VA?BL													
CALM												10.8	
	9.4	9.4	21.7	19.8	13.7	10.8	4.3	1.5				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 600

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

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

SURFACE WINDS

17901
STATIONRESOLUTE NWT DUT APT
STATION NAME57-66
YEARSAPR
MONTHALL WEATHER
CLASS1800-2000
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	.5	.7	.8	1.2	.5	1.2	.7					5.5	15.5
NNE	.2	.2	.2	1.0	1.0	.8	.2	.2				3.7	18.0
NE		.5	.8	1.0	1.0	4.7	.8					7.7	19.1
ENE			.2	.5	.3	.2						1.2	16.1
E	.5	.2	1.2	1.8	1.5	1.0	2.0	1.0				9.0	20.6
ESE	.6	.5	1.2	3.7	2.2	5.0	1.8	.2				13.2	18.0
SE	1.0	1.2	2.7	1.8	1.7	.7						9.8	10.7
SSE	.5	.5	.7	1.5	.2	.5						3.5	12.3
S	.2	.5	.3	.7	1.0							3.0	11.4
SSW			.7	.3	.2							1.2	12.1
SW	.2	.7	.2	.2								1.2	6.1
WSW	.5	.5	1.0	.2								2.0	7.2
W	1.5	1.0	1.3	1.0	.2							4.8	7.7
WNW	1.5	2.0	3.8	1.5	.2							9.0	7.8
NW	1.5	1.5	5.0	1.7	.3	.2						9.8	8.6
NNW	.5	1.2	1.0	1.0	.5	.5						4.5	10.7
VARBL													
CALM												11.0	
	9.5	10.0	21.0	19.0	11.5	10.7	5.5	1.3				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

600

2

ATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/FAO

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

SURFACE WINDS

17901 STATION RESOLUTE AFB DUT APT 57-66 YEARS MONTH APR
 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	.2	.0	.7	1.5	.3	1.3	.8					6.2	15.8
NNE	.2	.2		.8	1.7	.8	.2					3.8	18.1
NE	1.2	.5	.8	1.5	1.7	2.3	.5	.2				8.7	16.3
ENE	.2	.2	.2	.8	.8	.3						2.5	15.3
E		.2	.5	1.0	1.3	1.0	1.7	1.2	.2			7.0	23.6
ESE	.2	1.2	1.8	2.0	1.8	3.3	1.0	.3				13.2	16.6
SE	1.2	1.2	2.0	4.0	1.5	1.3						11.7	11.8
SSE	.3		.3	1.3	.3	.2						2.7	13.4
S	.2		.5	.7		.2						1.8	11.0
SSW		.2	.3	.3								1.0	10.3
SW	.3	.3	.2	.3								1.2	6.9
WSW	.2	.2	1.0	.5	.2							2.0	10.3
W	.7	1.2	1.2									3.0	5.7
WNW	1.7	2.2	2.7	.5								7.3	6.1
NW	2.0	2.7	3.0	1.2	.3							9.3	7.4
NNW	1.2	2.0	2.0	.8	.3							6.3	7.4
VARBL													
CALM												12.3	
	10.7	13.2	18.0	16.3	10.7	10.8	4.2	1.7	.2			100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 600

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

STATION 17901 STATION NAME GEORGETOWN INT APT YEARS 57-66 DAY 01 MONTH 02 YEAR 2000

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	2.6	1.3	.4	1.2	.3					8.7	11.5
NNE	.1	.3	.7	.6	1.3	3.1	.6	.3				7.0	20.3
NE	.4	.7	1.3	1.6	1.9	2.2	.1					8.8	14.8
ENE	.4	.3	.9	.1	.3	.1						2.8	10.4
E	1.4	.3	.7	1.3	1.3	.6	.4		.4			6.3	15.3
ESE	.6	1.9	1.9	2.3	1.6	1.5	1.3					11.4	15.0
SE	1.0	1.8	2.6	2.2	.9	.7	.3					10.3	10.6
SSE		.4	.7	1.0	.3							2.3	11.2
S	.4	.3	.6	.9	.4							2.6	10.9
SSW	.1	.1	.3	.7	.3	.3						1.9	13.7
SW	.3	.6	.3	.1								1.3	6.1
WSW	.1	.3	.3									.7	5.6
W	.9	.3	.7			.1						1.8	7.4
WNW	1.4	1.8	1.3	.4	.4							5.9	6.8
NW	2.4	2.5	4.1	1.3	.3	.1						11.3	7.2
NNW	1.0	1.2	2.5	.9	.1	.7						6.5	9.8
VARBL													
CALM												10.3	
	13.2	14.2	21.6	15.7	9.1	10.7	3.2	.3	.4			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AD

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

SURFACE WINDS

17901 RESOLUTE NAT OUT APT 57-66 MAY
STATION MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
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	1.9	2.5	1.4	1.3	1.2						9.9	11.6
NNE	.1	1.0	.9	.1	.0	1.2	1.3	.3				5.6	18.7
NE	1.0	.0	.6	1.6	1.0	.6	.7					6.7	14.7
ENE	.3	.1	.6	.7	.3	.1						2.2	11.3
E	.3	.3	.7	.9	1.4	.1	.4	.4	.0			5.7	19.8
ESE	.0	.9	1.8	1.9	1.2	2.1	.9	.1	.1			9.5	16.6
SE	2.8	1.8	3.8	1.3	.0	1.3	.1					11.7	9.8
SSE	.4	.9	.4	.6	.1							2.5	8.2
S	.3	.6	.4	.3	.6	.7						2.9	13.5
SSW	.1	.1	.3	.9	.0	.1						2.2	13.2
SW		.1										.1	5.0
WSW		.0										.6	5.0
W	.0	.6	.9									2.1	6.1
WNW	1.3	2.3	1.5	.0	.4	.1						6.5	7.2
NW	2.1	3.5	4.0	1.0	.0							11.1	7.1
NNW	2.6	.9	3.4	1.0	.4	.3						8.2	8.1
VARBL													
CALM												12.6	
	13.6	10.3	21.7	12.8	10.3	7.9	3.5	.9	.7			100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

682

USAFETAC

FORM
JUL 64

0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

17901 RESOLUTE NWI DET APT

57-66

1AY

STATION

STATION NAME

YEARS

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	1.0	1.2	1.2	1.9	1.3	.9						7.5	12.3
NNE	.6	.4	.9	1.0	1.0	1.2	1.0	.1				6.3	17.6
NE	.3	.6	1.2	1.6	.7	1.3	.6	.1				6.5	16.3
ENE	.1	.4	.3	.4	.7	.4	.1					2.6	14.6
E	.4	.6	.9	.9	1.9	.7	.3	.4		.3		6.5	18.5
ESE	.9	.1	1.2	1.6	1.3	1.6	1.5	.3	.1			8.7	18.8
SE	3.5	2.6	4.0	1.5	.9	1.5	.7		.1			14.8	10.4
SSE	1.0	.9	.6	.1	.3							2.9	6.6
S	.6	.4	.4		1.0	.4						2.9	12.2
SSW		.3	.7	.3		.3	.1					1.8	13.4
SW	.3	.1	.4	.3								1.2	7.8
WSW	.1	.3	.4									.9	6.2
W	1.3	.9	1.0									3.4	4.7
WNW	1.0	1.6	1.0	.9	.4							5.0	8.1
NW	2.2	1.9	3.7	1.9	.8							10.6	8.0
NNW	2.1	1.3	1.9	1.5	.7							7.5	8.3
VARBL													
CALM												11.1	
	10.0	13.8	19.8	13.9	11.0	8.4	4.4	1.0	.3	.3		100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

642

USAFETAC
JUL 64

0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NAT UNIT APT 57-66 1-4Y
 STATION STATION NAME YEARS NORTH
 ALL WEATHER
 CLASS
 0900-1100
 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	.4	1.3	1.3	1.6	.7	.1					6.3	13.2
NNE				.9	.7	1.2	1.0	.3				4.1	23.1
NE	.6	.7	1.3	1.5	2.1	1.8	.3	.4				8.7	16.4
ENE	.1	.4	.6	.6	.3							1.5	11.5
E	.4	.1	.9	.9	1.0	.7	.3	.6				5.0	17.7
ESE	.1	.9	.7	1.9	2.2	2.3	1.0	.6	.3			10.1	19.7
SE	2.2	1.8	2.1	2.5	.7	1.3	.6	.1				11.3	11.9
SSE	1.3	1.3	1.0	.4	.1	.3						4.7	7.4
S	.6	.6	1.2	.9	.6	.3						4.1	10.8
SSW	.3	.1	.1	.1		.6						1.3	14.8
SW	.1	.1	.4	.4								1.2	9.1
WSW	.4	.6	.9	.1	.1							2.6	6.4
W	1.6	.6	.9	.1		.1						3.5	3.9
WNW	2.1	2.2	1.3	.7								6.3	5.8
NW	2.1	3.1	4.3	2.1	.6	.7						12.8	8.6
NNW	1.2	1.8	1.5	1.9	.9	.4						7.6	9.9
VARBL													
CALM												8.8	
	14.8	14.4	18.3	16.4	11.0	10.6	3.4	2.1	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17901 RESOLUTE NWT OUT APT STATION NAME 57-66 YEARS MAY 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	.6	.6	2.2	2.1	1.6	.4	.3				8.4	16.7
NNE		.3	.1	.7	1.2	1.2	.9	.1				4.5	20.9
NE	.3	.4	1.0	1.5	1.0	.4	1.2					5.9	16.5
ENE	.4	.1	.4	.3	.3							1.6	9.5
E	.3	.1	.9	1.2	1.2	.6	.1	.9				5.3	18.6
ESE			.1	1.9	2.6	2.1	.3	.3				7.3	19.6
SE	2.1	1.5	4.0	2.9	.4	1.5	.7	.4				13.9	12.7
SSE	.4	2.9	1.6	.7	.3	.4	.1					6.6	8.9
S	.3	.3	1.3	.3	.3	.7	.1					3.4	13.6
SSW		.6	.4	.4								1.5	9.1
SW				.7	.4							1.2	14.8
WSW	.7	.1	.6	.4								1.9	6.6
W	.4	.7	1.0	.3	.3							3.2	7.0
WNW	2.3	2.1	2.1	1.3								7.8	6.5
NW	2.3	2.9	3.8	2.5	.4	.1	.1					12.3	8.3
NNW	.4	1.8	1.8	1.9	.4	.4						7.6	10.4
VARBL													
CALM												7.9	
	11.4	14.4	19.8	19.4	11.4	9.1	4.1	2.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE BWT OUT APT STATION NAME 57-66 YEARS MAY NORTH
ALL WEATHER CLASS 1200-1700 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	.6	.9	2.9	1.8	2.5	.1					9.0	17.1
NNE		.3	1.2	1.3	1.3	.1	1.5	.1				6.0	18.1
NE	.1	.9	1.2	.9	.4	.9	.4	.4				5.3	16.3
ENE	.2	.4	.3	.4								1.5	8.1
E	.6		1.0	.9	.7	.7	.7	.1				4.8	17.2
ESE	.1		.4	2.6	2.3	1.8	.7	.3				8.5	19.2
SE	.4	.7	3.1	2.5	.9	.9	.7	.4				10.1	13.9
SSE	.4	.4	1.6	1.2	.4	.6	.1					5.3	11.4
S	.4	.3	.4	.6	.6	.1	.4					3.4	13.2
SSW	.4	.1	.7	1.2	.1	.3						2.9	11.0
SW	.1	.1	.9	.1	.3							1.6	10.0
WSW	.3	.3	.4	.1	.1							1.3	8.2
W	1.2	.7	1.6	.1	.4	.1						4.6	7.3
WNW	1.2	2.3	2.2	1.3	.1							7.5	7.1
NW	3.0	2.6	3.8	2.1	.3	.1						12.8	7.3
NNW	1.0	1.2	1.8	2.9	.7	.3						7.9	10.9
VARBL													
CALM												7.5	
	12.0	11.2	21.6	21.3	11.0	6.5	4.8	1.5				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 681

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE NAV DUT APT STATION NAME 57-66 YEARS DAY MONTH NORTH
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	.9	.1	.9	3.1	2.8	1.6	.3					9.7	15.5
NNE	.3	.4		1.3	.9	1.5	.4					4.8	17.5
NE	.3	.7	1.3	1.3	.9	.7	.6					5.9	14.7
ENE	.1	.4	.6	.4	.4	.1	.1					2.3	12.8
E		.4	.9	1.6	.9	.6	.4					4.8	15.4
ESE	.6	.6	.9	1.8	1.6	2.1	.9	.1				8.5	17.4
SE	1.5	1.6	2.8	2.8	1.2	1.3	.6	.3				12.0	12.6
SSE	.9	.6	1.6	.4	.1	.6						4.3	9.7
S	.6	.4	.9	.6	.6	.1	.1					3.4	11.3
SSW	.1	.1	.9	.4	.1	.3						2.1	12.7
SW	.7	.4	.4	.4								2.1	7.1
WSW	.6		.6		.1							1.3	7.1
W	1.2	1.0	.7	.3	.3	.1						3.7	7.2
WNW	1.5	1.0	2.3	.9	.1							5.9	7.5
NW	4.1	2.3	4.4	.9	.6	.1						12.3	6.7
NNW	1.6	1.6	2.6	2.3	.7	.6						9.5	9.9
VARBL													
CALM												7.5	
	12.0	12.2	21.8	18.6	11.1	9.8	2.5	.4				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 582

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/14C

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

SURFACE WINDS

17901 RESOLUTE WHT DDT APT 57-66 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
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	1.8	2.1	1.3	1.5	1.9	.1					9.3	13.2
NNE	.1	.6	.6	1.2	1.2	1.8	.6					6.0	17.7
NE	.6	.7	1.0	1.6	2.2	.9						7.0	13.8
ENE	.3	.3	.4	.9	.7	.3	.1					3.1	13.8
E	.7	.4	1.2	2.2	1.2	.6	.9					7.2	14.9
ESE	.4	.9	1.8	2.5	.7	2.1	1.5	.4				10.3	17.4
SE	1.0	1.3	3.5	1.9	.7	.7	.3	.1				9.7	11.3
SSE	.6	.3	1.3	.6	.3	.1						3.2	9.7
S	.7	.9	.6	.3	.6	.3						3.4	9.9
SSW	.3	.1	1.0	.4	.6							2.5	11.1
SW		.1	.6	.1	.4							1.3	11.6
WSW	.3	.1	.3		.1							.9	6.8
W	1.0	.6	.9		.1	.3						2.9	7.7
WNW	1.3	2.2	1.9	1.0								6.5	6.9
NW	2.2	2.1	3.2	1.6	.1							9.3	7.4
NNW	1.3	1.6	2.3	1.3	.7	.4						7.9	9.6
VARBL													
CALM												9.5	
	11.0	14.1	22.8	17.2	11.3	7.4	3.5	.6				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 681

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE INLT DUT APT 57-66 JUN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 0000-0200
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	3.5	2.3	1.2	.8						8.8	12.0
NNE	.3		.5	.8	1.1	1.1	.3					3.6	17.6
NE	.5	.5	.3	.9	2.0	1.1	.5					5.6	17.0
ENE		.3	.6	.9	1.2	.3	.3					3.6	16.0
E	.2	.3	.9	.9	3.2	2.3	1.2					8.9	19.6
ESE	.2	.6		.9	1.5	1.5	1.4	.2				6.2	20.5
SE	1.1	.3	1.8	3.0	1.7	.8	.2					8.9	13.1
SSE	.3	.2	.8	1.1	.2	.2		.2				2.7	12.7
S	.5	.3	.5	.5	.3		.2					2.1	10.9
SSW				.6		.3	.2					1.1	18.1
SW				.3	.3	.3						.9	18.7
WSW	.9		1.1	.3								2.3	7.1
W	1.3	1.2	1.4	1.1								5.2	6.9
WNW	1.7	.8	.9	1.2	1.2							5.8	9.7
NW	2.4	1.2	3.8	3.8	1.4	.3	.2					13.0	10.2
NNW	.9	1.2	3.0	5.5	1.2	1.1						12.9	11.7
VARBL													
CALM												8.0	
	10.6	7.7	18.9	23.9	16.4	.4	.4	.3				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE WPT DDT APT 57-66 JUN
STATION STATION NAME YEARS 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	.0	.3	3.3	2.3	1.2	.5	.5					8.9	12.5
NNE	.6		.8	.9	.5	1.7	.5					4.4	18.2
NE	.6	.0	1.2	1.1	2.0	1.2						5.2	15.0
ENE	.2	.3	.5	1.1	.0	.8	.2					3.6	15.5
E		.3	.5	1.7	.9	4.0	.8					6.7	19.4
ESE	.3	.3		.8	1.0	3.0	.9					7.1	20.9
SE	1.2	2.1	1.8	2.7	1.1	1.2	.8					10.9	12.6
SSE	.5	.2	.6	.3	.5							2.0	9.8
S	.5	.2	.6	.6	.8							2.6	11.6
SSW			.2	.6								.8	12.6
SW	.2		.3	.3	.5	.2						1.5	13.0
WSW	.2	.2	.8		.2							1.2	8.4
W	1.1	1.2	1.2	1.1	.5							5.0	8.3
WNW	1.4	1.2	1.4	1.1	.9	.2						6.1	9.5
NW	1.7	2.0	6.1	4.1	1.4							13.2	9.6
NNW	1.1	.9	3.3	2.9	1.4	.5	.3	.2				10.5	11.8
VARBL													
CALM												7.6	
	4.1	4.7	22.4	21.9	14.1	11.7	3.8	.2				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
 STAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17901 RESOLUTE WVT OUT APT STATION NAME 57-66 YEARS JUN MONTH
 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	.2	.3	1.8	1.5	1.4	1.7	.5					7.3	15.8
NNE	.5		.5	1.7	.6	.5						3.6	13.9
NE	.3	.5	.8	1.2	1.7	1.5	.3					6.2	16.7
ENE			.2	1.1	.5	.5	.2					2.1	17.2
E	.5	.2	.3	1.7	1.2	1.7	1.4	.2				7.0	19.7
ESE	.3	.5	.8	1.4	2.0	2.9	.5	.2				8.3	18.2
SE	1.1	1.7	2.1	3.0	1.5	1.2						10.6	11.9
SSE	1.1	.8	.3	.6	.8	.5						3.9	10.3
S	.9	.6	1.4	.5	.5							3.8	8.2
SSW	.2		.3	.6	.2							1.2	12.3
SW	.3	.2	.5	.8	.2	.2						2.0	11.1
WSW	.3	.3	.3	.5	.2							1.5	9.2
W	1.2	.3	.6	.9	.2							3.2	8.2
WNW	1.5	.8	2.7	1.4	.8	.8						7.9	10.4
NW	3.2	3.6	3.6	3.8	1.8	.3						16.4	9.3
NNW	.3	1.7	2.6	3.9	1.1	.8	.6	.2				11.1	13.3
VARBL													
CALM												3.9	
	11.7	11.2	18.6	24.4	14.1	12.3	3.3	.5				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAL

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

SURFACE WINDS

17901 RESOLUTE NWI DDT APT 57-66 JUN
STATION STATION NAME YEARS 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	.2	.3	1.4	1.1	1.2	2.0						6.2	16.1
NNE		.3	.8	.9	.6	.6						3.3	14.8
NE		.3	1.4	.9	1.4	1.4	.3	.5				6.1	16.3
ENE			.8	.6	.3		.2	.2				1.5	15.8
E	.2		.8	.8	1.4	1.5	1.5					6.1	20.2
ESE	.2	.3	.3	1.8	2.1	3.0	.6		.2			8.5	19.6
SE	.6	1.1	1.7	4.7	1.4	1.7	.2	.2				11.4	14.5
SSE	.2	1.2	1.2	1.4		.6	.2					4.7	11.2
S	.2	.8	.9	.3	.3	.2						2.9	8.7
SSW				1.1	.6							1.2	14.3
SW		.2	.3	.6								1.1	9.9
WSW	.2	.6	.5	.5								1.8	7.5
W	1.6	1.2	1.2	.8	.2							4.5	7.1
WNW	.6	1.8	2.6	2.4	1.3	.3						9.2	10.6
NW	3.0	2.1	3.2	4.2	1.1	1.1						14.7	9.8
NNW	.6	1.1	3.5	4.1	2.7	2.0						13.9	13.5
VARBL													
CALM												2.9	
	7.6	11.4	20.3	23.6	14.2	14.2	2.9	.8	.2			100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
 (TAC/USAF)
 AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

17901 RESOLUTE WPT DOT API 57-66 JUN NORTH
 STATION STATION NAME YEARS
 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	2.1	2.0	1.7	2.7	.2					4.9	16.6
NNE			1.5	.9	.3	.6	.6					3.9	15.5
NE	.2	.2	1.2	2.0	.5	.8	.9	.2				5.8	17.2
ENE			.2	.5	1.1	.5		.2				2.3	18.4
E			.5	.8	1.4	2.4	.9	.2				6.1	21.5
ESE	.2	.2	.5	.5	1.8	4.1	.6					8.2	20.7
SE	.5	1.5	2.4	2.7	2.1	1.4	.5	.3				11.4	14.4
SSE	.6	.8	2.0	1.2	.6	.2						5.3	10.3
S	.5	.5	1.4	.8	.2	.2						3.0	9.6
SSW	.2		.2	.2	.8							1.2	14.0
SW	.5		.8	.6								1.7	9.8
WSW	.5	.5	.6	.5								2.0	7.2
W	.9	1.2	2.4	2.0	.3							6.8	8.7
WNW	.9	2.1	1.8	1.8	.9	.3						7.9	9.8
NW	2.1	2.1	3.0	4.2	2.3	1.1						14.8	11.2
NNW	.2	.2	2.9	3.3	1.4	1.4	.2					9.4	14.5
VARBL													
CALM												1.4	
	6.1	4.2	23.3	24.2	13.2	13.3	3.8	.8				100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
 STAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

179.1 STATION 179.1 STATION NAME ESQUATE NAT UNIT APT YEARS 57-66 MONTH JUN
 CLASS ALL WEATHER HOURS 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		.3	1.5	2.4	1.4	1.5	.3	.2				7.6	16.6
NNE	.3	.2	.6	1.4	.6	.6	.5	.2				4.2	16.3
NE	.3	.2	1.1	1.4	1.1	1.5	.2	.3				5.9	17.3
ENE				.6	.2	.6						1.4	19.2
E		.2	.3	1.1	1.5	3.2	.8					7.0	20.9
ESE	.2	.2	.5	1.5	1.5	1.7	.6	.3				6.2	19.9
SE	.4	.4	3.8	2.9	1.8	1.7	.6					12.6	13.5
SSE	.5	.8	1.7	1.2	.6	.2	.2					5.0	10.9
S	.2	.2	1.1	.3	.2							2.1	10.4
SSW		.2	.2	.2	.8							1.2	16.3
SW	.3	.2	.6	.9	.2							2.4	11.4
WSW	.3	.6	.3	.3	.6							1.7	7.6
W	.4	1.7	2.7	.9	.3							6.5	8.1
WNW	.3	1.2	2.4	2.4	.8	.3						8.0	10.1
NW	.6	1.8	3.6	4.5	1.4	.8						14.8	11.2
NNW	.5	.4	1.8	3.6	4.1	1.5	.5					10.4	14.8
VARBL													
CALM												2.6	
	2.4	9.1	24.1	25.6	13.0	12.5	3.2	.9				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESERVOIR HWT OUT APT 57-66 JUN
 STATION STATION NAME YEARS 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	.5	.4	1.5	3.5	2.6	1.2	.6					10.6	15.2
NNE			.6	.9	1.1	.6	.2					3.3	16.7
NE	.2	.3	.9	1.8	1.1	1.1	.3					5.6	15.9
ENE		.2	.5	1.1		.2	.2					2.0	14.2
E	.2	.3	.5	1.8	1.1	1.7	.8	.3				6.5	15.0
ESE		.3	.3	1.2	1.6	2.0	.6	.2				6.5	14.5
SE	.4	2.0	2.7	2.6	3.2	1.7	.5					13.5	13.7
SSE	.6	.6	1.5	1.2	.3	.2						4.4	9.7
S	.6	.3	.6	.9	.3							2.9	8.8
SSW		.2	.2	.6	.3							1.2	14.3
SW	.3		.6	.5	.2							1.5	10.8
WSW	.6	.3	.8	.6								2.3	7.7
W	.6	1.7	2.0	.9	.3							3.5	7.8
WNW	.5	1.2	2.0	2.3	.2	.3						6.4	10.0
NW	1.7	1.5	2.7	4.1	1.4	.6						12.0	10.9
NNW	.6	1.1	3.6	4.8	1.8	1.5						13.5	13.1
VARBL													
CALM												2.4	
	7.1	10.9	20.9	28.8	15.5	10.9	3.0	.5				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE WPT OUT APT 57-66 JUN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 2100-2300
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.0	2.4	2.7	1.4	1.2	.3					9.1	13.6
NNE			.6	.5	.5	.9	.6					3.0	19.7
NE	.2	.6	.8	1.7	1.1	.6	.9	.2				6.2	16.3
ENE	.2		.6	1.4	.9	.5						3.5	15.5
E	.2	.6	.3	2.1	1.5	2.3	1.1	.5				8.5	19.6
ESE	.3	.3	.3	.8	1.8	1.4	.5	.3				5.6	18.8
SE	.9	.9	1.8	4.2	2.0	1.5						11.4	13.2
SSE	.3	.3	.9	.2	.0	.2						2.4	11.2
S	.3	.5	.5	.6	.5	.2	.2					2.6	11.9
SSW	.2		.2	.5	.5							1.2	12.8
SW	.2	.3	.5	.6	.2	.3						1.8	13.0
WSW	.2		.2	.6								.9	10.3
W	1.0	1.4	.8	1.2								5.2	6.5
WNW	1.4	1.7	1.5	1.7	.8							7.0	8.9
NW	2.4	1.7	4.2	3.5	.6	.5	.2					13.0	9.4
NNW	.2	1.1	3.3	3.6	3.3	.5						12.3	12.8
VARBL													
CALM												6.4	
	9.4	10.0	14.8	25.8	15.3	9.8	3.6	.9				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1/901 STATION RESOLUTE WNT DUT APT 57-66 JUL
STATION NAME YEARS MONTH
ALL WEATHER CLASS
CONDITION
0000-0200 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	3.5	2.9	1.6	.3	.3					10.1	12.2
NNE	.1	.3	.7	1.3	1.2	.1	.3					4.1	15.0
NE	.4	.3	.7	1.3	1.3	.4	.3					5.1	14.7
ENE			.4	.7	.7	.3	.1					2.3	16.8
E	.1		.3	1.5	1.8	1.2	1.2	.1	.3			6.5	21.3
ESE	.9	.4	.4	1.6	1.0	1.0	.3					5.7	13.8
SE	1.3	2.9	3.6	2.3	1.0							13.3	8.7
SSE	.4	.7	1.0	.3	.3							2.8	8.2
S	.4	.3	.4	.1	.1							1.9	6.1
SSW	.1		.3	.1								.6	7.5
SW	.4		.4	.1								1.0	6.9
WSW	.1	.7	.9	1.3								3.2	10.0
W	2.2	1.9	2.1	1.0								7.2	6.5
WNW	2.2	2.8	1.6	.7	.4							8.1	6.5
NW	3.1	2.1	2.1	1.3	.7							9.2	7.2
NNW	.6	.7	1.3	2.3	1.0							6.0	11.3
VARBL													
CALM												12.8	
	13.4	14.4	21.8	19.3	11.4	3.4	2.5	.1	.3			100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

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

SURFACE WINDS

17901 STATION NAME RESOLUTE WNT DUT APT 57-66 YEARS JUL 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	.1	.0	2.2	1.9	.9	1.2						6.9	13.1
NNE		.1	.1	1.6	.0	.3	.3	.1				3.2	17.0
NE	.3	.3	1.0	2.8	2.1	.3	.4					7.2	15.0
ENE			.3	.1	.1	.6	.1					1.3	18.8
E	.4		.6	1.2	.9	1.2	.4	.3	.3			5.3	19.7
ESE	.3	.1	1.0	1.8	1.6	.7	.4					5.6	15.1
SE	1.2	3.3	4.4	3.7	1.0	.3						14.1	9.8
SSE	.0	1.0	1.0	.1	.3							3.1	7.3
S	1.3	.3	1.0	.7								3.4	7.0
SSW		.1	.4	.1	.1							.9	10.0
SW	.4		.1	.1								.7	6.0
WSW	.3	.1	.3	.6	.1							1.5	9.7
W	2.6	2.1	1.8	3.1								9.3	7.5
WNW	2.3	1.2	1.3	.7								5.7	5.9
NW	3.3	1.6	1.6	1.9	1.0							9.7	7.6
NNW	1.3	.7	1.6	2.9	1.0	.3						7.9	10.9
VARBL													
CALM												14.1	
	13.0	11.9	16.9	23.3	9.4	4.8	1.8	.4	.3			100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE NMT DUT APT 57-66 JUL NORTH
 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	.1	.4	1.8	2.8	1.4	1.0	.3					8.1	14.2
NNE		.1	1.0	1.5	.9	.9	.4					4.5	16.7
NE	.3	.1	1.2	1.6	1.5	.7	.3					5.7	15.3
ENE	.1	.1	.1	.4		.3						1.2	13.0
E	.6	.1	.4	1.5	.4	1.2	1.3	.4	.4			6.5	21.1
ESE	.4	.6	1.9	1.6	1.5	2.2						8.2	15.0
SE	1.0	2.2	4.4	3.5	2.3	.1						13.6	10.6
SSE	.7	1.5	1.0	.6								4.0	6.5
S	.7	.9	.6	.1								2.3	6.1
SSW	.1		.1	.1								.4	8.3
SW	.4	.1	1.2	.1								1.9	7.5
WSW	.4	1.4	.9	.7	.4							3.7	8.8
W	1.4	2.6	2.5	2.2								9.2	7.6
WNW	1.5	1.2	2.5	.3	.1							5.7	6.5
NW	2.9	1.8	2.1	2.2	.6	.4						10.0	8.3
NNW	.3	.1	.9	2.0	1.5	.7						6.2	14.3
VARBL													
CALM												8.8	
	11.4	13.4	22.6	22.0	10.1	7.6	2.3	.4	.4			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

642

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/1AC

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

SURFACE WINDS

17901
STATIONRESOLUTE NWT DOT APT
STATION NAME57-66
YEARSJUL
MONTHALL WEATHER
CLASS0900-1100
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		2.1	2.5	1.6	.7	.1	.3				7.5	15.7
NNE		.3	1.0	.9	.9	.9	.3					4.3	16.5
NE		.0	.7	1.2	1.8	1.2						5.4	15.6
ENE			.1	.4	.1	.1	.1					1.0	22.6
E	.1		.4	1.0	.7	1.3	.7	1.0	.4			5.9	24.1
ESE	.1	.3	.4	1.8	1.9	1.2	.1	.1				6.0	16.9
SE	.7	1.9	4.5	4.1	2.3	.9	.1					14.7	11.9
SSE	.4	1.2	2.6	1.9	.1							6.7	8.7
S	1.5	1.5	.9	.9	.1							4.8	7.1
SSW	.3			.1								.4	6.0
SW	.4	.1	.3	.3								1.2	7.4
WSW	.4	1.0	2.1	1.0	.3							5.3	8.1
W	2.5	2.2	2.6	2.6	.7							10.7	8.1
WNW	1.4	2.6	3.1	.7	.3							8.7	6.8
NW	1.3	1.2	1.5	2.1	1.0							7.0	9.4
NNW	.3	.4	.4	3.5	2.1	1.0						7.8	15.4
VARBL													
CALM												2.6	
	11.1	13.3	22.7	24.8	14.4	7.3	1.6	1.6	.4			100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 17901 RESOLUTE INWT DUT APT STATION NAME 57-66 YEARS JUL
NORTH
CLASS ALL WEATHER
CONDITION

1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.0	.7	1.6	1.2	1.3						5.6	19.2
NNE		.1	.7	.9	1.3	.9		.3	.1			4.4	18.9
NE			.9	1.0	1.5	1.0	.1					4.5	17.2
ENE			.3	.1								.4	11.3
E		.1	.3	1.2	.7	1.5	1.3	1.2	.1			6.5	24.2
ESE			.7	1.2	2.2	1.6	.3					6.0	18.6
SE	1.3	1.9	4.1	3.5	2.9	.6						14.4	11.4
SSE	.4	1.8	3.5	2.5	.1	.1						8.9	8.9
S	1.2	.9	1.0	1.5		.1						4.7	8.1
SSW	.2		.3									.6	5.8
SW	.7	.7	.4	.1								2.1	5.3
WSW	.9	.6	1.0	1.0	.6							4.1	9.5
W	2.2	4.3	5.3	2.5	.4							14.7	7.9
WNW	1.0	1.9	3.7	.9	.4	.1						8.1	8.2
NW	.4	.1	1.0	2.3	.7	.3						5.1	12.9
NNW	.1		.9	3.4	1.4	.7						7.0	15.3
VARBL													
CALM												2.9	
	4.4	13.0	24.9	23.9	14.1	8.4	1.8	1.5	.3			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
 STATION

RESOLUTE MNT DNT APT
 STATION NAME

57-66
 YEARS

JUL
 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			.7	2.1	2.1	1.5	.1					6.5	17.8
NNE	.1		.1	1.5	.2	1.0		.6				4.5	20.1
NE	.1		.6	.7	.6	.6	.1					2.8	16.1
ENE			.4	.3	.3	.1						1.2	14.1
E		.1	.1	2.2	.6	.9	1.3	1.5				6.7	23.2
ESE		.1	.6	1.0	2.3	1.8	.3	.3				6.6	19.4
SE	1.0	1.9	4.4	2.5	2.2	1.2						13.2	11.5
SSE	.7	2.8	3.4	1.2	.1	.1						8.4	8.1
S	1.0	.4	2.1	.3								3.8	7.0
SSW	.1		.6	.4								1.2	9.0
SW	.3	.1	.6	.3								1.3	8.3
WSW	.6	.4	1.8	.3	.3							3.4	8.4
W	2.6	3.7	6.7	2.9	.1	.1						16.3	7.7
WNW	1.3	2.1	1.8	1.2	.1							6.5	7.1
NW	1.5	1.3	1.3	2.9	.6	.3						7.9	10.0
NNW	.1	.3	.9	3.2	1.8	.9						7.2	15.1
VARBL													
CALM												2.6	
	9.7	13.3	26.1	23.0	12.3	8.5	1.9	2.3				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE NWT DUT APT 57-66 YEARS JUL 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	.2	.1	1.3	2.2	1.0	1.2	.4					7.5	16.2
NNE			.3	.6	2.1	.4	.1	.3	.1			4.0	19.8
NE		.1	.4	.7	1.2	1.0	.4					4.0	18.6
ENE		.1	.3	.4	.1	.1	.4					1.6	17.1
E	.1	.1	.4	1.8	1.6	1.5	1.0	.6				7.2	20.3
ESE		.4	.9	1.6	3.2	.9	.3					7.6	16.8
SE	2.4	2.9	3.0	2.8	.9	.4						14.2	8.9
SSE	2.1	1.2	2.2	.6	.3							6.6	6.7
S	1.2	1.2	.3	.6								3.2	5.5
SSW	.1	.4	.4									1.0	6.3
SW	.2	.1	.4	.4								1.3	8.4
WSW	.2	.1	1.6	.7	.1							2.9	9.0
W	2.8	3.8	6.0	1.2	.4							14.2	6.9
WNW	1.2	2.2	3.8	.4								8.9	6.9
NW	1.2	.7	1.0	1.9	1.0	.3						6.5	10.3
NNW	.1	.4	.7	2.1	1.2	.7						5.6	14.5
VARBL													
CALM												3.7	
	12.2	13.2	25.2	18.2	14.4	9.6	2.8	.9	.1			100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AC

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

SURFACE WINDS

17901 RESOLUTE MNT DUT APT 57-66 JUL
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 2100-2300
 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	1.5	2.6	1.0	.6						7.3	13.5
NNE			.7	1.0	1.3	.7	.4	.1				4.4	18.5
NE	.1		.9	1.3	.4	.7	.1					4.3	15.2
ENE		.1	.3	.4	.6	.3	.3					2.1	17.0
E		.1	.7	1.5	1.6	4.1	1.8	.7	.1			8.7	22.5
ESE	.0	.6	1.8	1.0	1.3	.7						6.2	13.0
SE	2.6	2.6	4.8	2.9	.9							13.9	8.5
SSE	1.2	1.6	.7	.9	.3							4.7	7.4
S	1.3	.1	.4	.3								2.3	5.3
SSW		.3	.6									.9	6.8
SW	.3	.4	.4	.1								1.3	6.4
WSW	.3	.3	.7	.6								1.9	9.1
W	3.2	3.2	2.2	1.6	.1							10.4	6.5
WNW	1.3	1.0	2.3	1.8	.1							6.7	7.9
NW	3.2	2.1	1.0	1.2	.4							7.9	6.4
NNW	.4	.6	2.1	2.6	1.3	.7						7.8	12.8
VARBL													
CALM												9.2	
	13.1	13.9	21.3	20.2	10.7	3.9	2.6	.9	.1			100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
 TAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901

RESOLUTE WMT DOT APT

57-66

AUG

STATION

STATION NAME

YEARS

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	.3	.6	1.9	3.2	1.0	.3	.1					7.5	12.4
NNE	.3	.3	.3	1.2	.7	.5	.1					3.5	15.3
NE	.1	.3	.9	1.6	1.3	.3	.3					4.8	15.3
ENE		.1	.3	.6	1.2	.4	.3					2.9	17.9
E	.1	.7	2.2	2.1	2.1	3.5	1.6	2.3	.3			15.0	21.4
ESE	.7	.3	2.3	2.2	2.3	2.6	.6					11.1	15.8
SE	1.5	1.8	2.9	2.1	.6	.3						9.1	9.0
SSE	.4	.3	.1	.6	.1							1.6	9.2
S	.7		.1	.3		.1						1.3	7.8
SSW	.1		.1									.3	6.0
SW	.4	.1	.1									.7	3.8
WSW	1.0	.6	.6	.1								2.3	5.6
W	1.2	1.2	.9	.6								3.8	6.1
WNW	1.0	1.6	3.1	.4	.6							6.7	8.1
NW	4.3	2.1	1.2	2.2	.1	.1						10.0	6.6
NNW	1.2	1.0	1.3	1.3	1.2							6.0	9.8
VARBL													
CALM												13.2	
	13.2	11.0	18.5	18.5	11.3	4.4	3.1	2.3	.3			100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAL

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

SURFACE WINDS

17901 RESOLUTE NW1 UDT APT 57-66 AUG
 STATION STATION NAME YEARS 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	1.2	1.0	1.6	2.1	1.0	.3						7.8	11.0
NNE	.3	.3	.4	1.0	.9	.9	.1					4.0	13.4
NE	.7	.6	.4	1.3	.7	.4	.6					4.8	14.3
ENE	.3	.4	.1	.4	1.2	1.0	.1	.3				4.0	18.1
E	.1	1.2	1.6	2.6	2.2	2.5	3.2	1.8				15.2	21.1
ESE	.4	1.0	2.8	2.6	1.9	1.9	.4	.1				11.7	14.4
SE	1.2	1.6	2.5	1.0	1.0	.3	.1					7.8	9.7
SSE	.6	.9	.6	.3	.1							2.5	7.5
S	.4	.3	.3	.4	.3							1.8	9.3
SSW	.1											.1	2.0
SW	.1	.1										.3	4.0
WSW	.4	.9										1.3	4.2
W	1.0	.9	.6	.9								3.4	6.8
WNW	1.0	1.8	1.2	.7	1.0							6.3	7.9
NW	2.3	2.3	2.3	2.2	.4							9.8	7.4
NNW	.4	1.2	2.1	1.0	.9	.3						6.3	9.8
VARBL													
CALM												17.9	
	12.3	14.3	16.6	16.7	12.2	1.8	4.7	2.2				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
 USAF/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
STATIONRESOLUTE NWT DUT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASS0600-0800
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	.3	1.3	.9	2.0	.7	.3						6.5	11.7
NNE		.3	.3	1.0	.6	.6	.4					3.2	17.5
NE	.4	.7	.7	1.2	1.0	.7	.4					5.7	13.5
ENE	.3	.1	1.0	.3	.3	.7	.1	.3				3.2	16.7
E	.3		1.0	1.8	1.8	4.4	2.6	2.2	.1			14.2	23.7
ESE	.1	1.2	1.6	2.4	1.9	2.6	.6					11.0	15.7
SE	1.0	3.1	4.0	2.5	.3	.3						11.7	8.4
SSE	.7	.3	.4	.3	.4							2.6	10.0
S	.7	.3	.1		.3							1.5	7.1
SSW	.4	.3	.1		.1							1.0	6.7
SW		.3	.1									.4	6.0
WSW	.4		.6									1.0	6.0
W	1.0	.7	.9	.3								3.5	5.8
WNW	.4	1.8	1.8	1.3	.4							6.2	8.6
NW	1.4	2.1	2.6	2.3	.3							9.2	8.0
NNW	.4	.7	1.3	1.8	2.1	.1	.1					7.0	11.9
VARBL													
CALM												11.9	
	11.1	13.3	17.6	18.3	10.7	4.8	4.4	2.5	.1			100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

682

AD-A100 245

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
RESOLUTE APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC
JAN 72

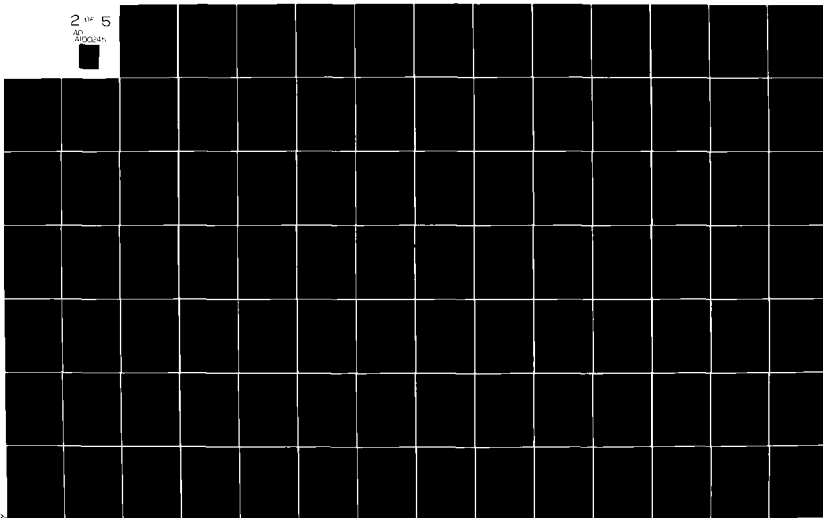
UNCLASSIFIED

USAFETAC/DS-81/040

SBIE-AD-E850 067

ML

2 OF 5
AD
A100245



2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE INWT DUT APT

57-66

AUG

STATION

STATION NAME

YEARS

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	.3	1.5	2.1	1.8	1.6	.1						7.3	11.7
NNE		.1	.7	.9	1.3	.3						3.4	14.8
NE		.3	.3	2.2	.6	.4	.7					4.5	17.1
ENE	.1		.7	.7	.3	.6		.3				2.8	16.2
E	.6		.3	1.6	1.9	3.2	3.1	1.8	.3			12.5	24.9
ESE	.1	.3	1.9	1.9	1.3	2.5	1.0	.4				9.7	18.2
SE	1.2	2.2	4.0	3.0	.4							12.8	9.6
SSE	.6	1.8	2.1	.7	.4							3.6	8.1
S	.7	.7	1.0	.3								2.8	5.9
SSW	.1		.3			.6						1.0	16.9
SW	.6	.3	.7									1.6	3.4
WSW	.6	.1	.4									1.2	5.1
W	2.2	2.1	2.3	1.3	.1							8.1	6.6
WNW	1.3	1.2	2.3	1.2	.3							6.6	7.8
NW	1.0	1.5	2.3	2.3	.4							7.8	9.3
NNW	.4	.9	.6	1.6	.9	.6	.4					3.4	14.2
VARBL													
CALM												7.0	
	9.6	12.9	22.3	21.7	9.8	8.4	5.3	2.5	.3			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAO

SURFACE WINDS

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

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

AUG

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		.6	1.3	1.6	1.3	.7						5.7	13.9
NNE	.1	.1	.4	1.5	.3	.3	.1					2.9	14.7
NE			.4	.9	.9	.7	.1					3.1	17.0
ENE			.3	.1	.6	.3	.1					1.5	18.3
E	.1	.1	.6	1.5	1.8	3.7	1.6	1.9	.7	.1		12.2	25.1
ESE	.3	.6	1.2	2.1	1.5	2.6	1.3					9.5	18.2
SE	1.6	3.2	4.0	3.5	1.5	.1						13.9	9.3
SSE	.6	2.1	3.4	1.2	.4							7.6	8.8
S	1.0	1.0	.9	.3	.1	.3						3.7	7.4
SSW	.1		.1	.1		.3						.7	14.6
SW	.4	.1	.1									.7	4.4
WSW	.6	.6	.6	.3								2.1	6.9
W	2.9	2.9	3.8	1.9	.4	.1						12.2	7.4
WNW	1.6	1.5	2.3	1.8	.3							7.5	8.1
NW	.6	1.5	1.6	2.2	.4	.3						6.6	10.2
NNW	.1	.4	1.5	2.3	1.2	.9	.3					6.7	15.0
VARBL													
CALM												3.4	
	10.4	14.8	22.6	21.3	10.4	10.4	3.7	1.9	.7	.1		100.0	12.5

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE NWT OUT APT 37-66 YEARS AUG 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	1.5	3.4	2.4	.9						8.2	15.3
NNE		.3	.4	1.8		.7						3.2	14.1
NE		.3	.4	.6	.6	.9	.1					2.9	17.4
ENE	.1	.1	.3	.4	.1	.6	.1	.1				2.1	17.3
E		.3	.4	1.9	2.2	3.7	1.9	1.9	.7			13.0	24.4
ESE		.3	1.0	1.5	2.2	2.3	1.0					8.4	19.0
SE	2.2	2.6	4.4	2.8	1.9	.1						14.4	9.4
SSE	1.4	1.9	2.2	.7	.3	.3						6.6	7.9
S	1.4	.3	.6		.1	.1						2.3	6.4
SSW	.1		.3	.1	.1	.1						.9	12.5
SW	.1	.1		.1								.4	7.3
WSW	.3	.1	.4	.9		.1						1.9	10.5
W	2.2	2.5	3.7	.9	.6							10.0	7.3
WNW	2.4	1.6	4.8	1.8	.1							10.6	7.7
NW	.4	.6	1.8	1.3	.3	.1						4.5	10.0
NNW		.4	1.8	1.9	1.2	.7	.1					6.2	14.1
VARBL													
CALM												4.4	
	10.6	11.7	24.0	20.1	12.2	10.9	3.4	2.1	.7			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
STATIONRESOLUTE NWT DOT APT
STATION NAME57-66
YEARSAUG
MONTHALL WEATHER
CLASS1800-2000
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	.4	1.2	3.7	3.4	.6	.1					9.5	14.7
NNE	.1		.6	2.2	.7	.3	.6					4.5	16.1
NE		.3	.6	.7	.4	.4	.1	.3				2.9	17.0
ENE		.1		.7	.1	.6	.1					1.8	18.1
E		.3	.4	2.8	2.8	3.7	2.2	.6	1.3			14.1	23.2
ESE	.3	.4	1.9	1.8	2.3	1.8	1.0	.1				9.7	17.1
SE	2.3	3.1	4.1	1.5	.7							11.7	7.7
SSE	1.3	1.0	1.3	1.6	.4							5.7	8.2
S	.7	.1	.4	.1	.1							1.6	7.0
SSW	.1				.3							.4	12.3
SW		.3	.1	.3		.1						.9	10.7
WSW	.1	.7	1.0	.3								2.2	7.4
W	2.1	1.3	2.3	1.5	.4							7.6	7.7
WNW	1.6	1.2	3.2	1.3								7.3	7.6
NW	2.6	1.0	1.9	.9	.6							7.0	7.1
NNW	.4	.4	1.9	1.3	1.0	.7	.1					6.6	13.7
VARBL													
CALM												6.3	
	12.0	10.9	21.1	20.7	14.1	8.2	4.4	1.0	1.3			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17901 RESOLUTE NWT OUT APT
STATION STATION NAME

57-66

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	≥ 56	%	MEAN WIND SPEED
N	.1	.7	2.1	4.0	1.0	.3	.1					8.9	12.0
NNE	.2	.1	.9	1.3	.9	.9	.3					4.7	13.4
NE		.1	.6	.6	.7	.4	.1					2.6	15.8
ENE	.1	.1	.1	.7	.7	.9	.3					3.1	18.8
E	.3	.9	.7	2.5	2.3	4.9	2.6	1.3	.4			14.1	21.9
ESE	.6	1.0	1.8	1.5	2.3	2.2	.9					10.3	16.0
SE	2.3	1.5	3.1	1.2	.6	.4						9.1	8.3
SSE	.4	.3	1.0	.7	.1							2.6	8.9
S	.7	.6	.6	.2								2.2	6.4
SSW	.4			.1								.6	5.3
SW	.6	.4	.9	.1								2.1	6.5
WSW	.1	.1	.1	.3								.6	10.3
W	4.1	.6	1.0	1.0	.4							5.1	7.5
WNW	1.8	1.3	2.3	1.0	.1							6.7	7.1
NW	4.8	2.1	2.2	.9	.4	.3						10.7	6.2
NNW	1.6	1.0	1.5	1.2	1.4	.4						7.2	11.3
VARBL													
CALM												9.4	
	10.0	11.0	18.9	17.4	11.7	8.8	4.4	1.3	.4			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

682

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
STATIONRESOLUTE NWT DUT APT
STATION NAME57-66
YEARSSEP
MONTHALL WEATHER
CLASS0000-0200
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	.8	1.8	4.4	4.5	2.0	1.8	.3	.2				15.8	12.8
NNE	.3	1.1	1.4	2.7	1.5	1.1	.8					8.8	13.1
NE	.8	.8	2.7	4.1	1.8	.9	1.1					12.1	14.1
ENE	.2		.5	.9	.8							2.3	13.3
E	.3	.9	1.7	2.3	.9	.3	.2	.2				6.7	12.7
ESE	.5	.5	.5	.9	.3	.5						2.9	12.7
SE	.4	.2	1.4	1.2	.3							3.2	11.3
SSE	.3	.3	1.1	.8	.5	.3						3.2	12.1
S		.3	1.1	.9								2.4	9.4
SSW		.3	1.2	.8	.2	.2						2.6	10.9
SW	.8	.8	.2	.3								1.8	6.1
WSW	.8		.5	.5	.3	.3						2.3	12.5
W	.3	.3	1.4	.8	.2							3.2	8.9
WNW	.8	.8	.8	.8	.2							2.9	8.6
NW	2.4	1.1	2.9	2.5	2.7	.9						13.5	11.3
NNW	.8	1.1	2.1	2.7	3.0	.8						10.3	12.6
VARBL													
CALM												6.2	
	8.8	10.0	22.3	27.6	19.7	9.8	2.2	.2				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

SEP

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	1.7	3.0	4.7	3.6	1.8	1.4	.5	.3				17.6	11.6
NNE	.8	1.4	2.0	1.7	.9	.9	.8					8.3	13.4
NE	.9	1.5	2.6	3.0	2.4	1.4	.6					12.6	13.7
ENE		.5	.8	.5	.5	.3	.2					2.6	12.8
E	.5	.3	1.1	1.1	1.1	.6			.3			4.8	15.5
ESE		.5	.5	1.2	.5	.2	.3					3.0	14.9
SE	.8	.6	1.8	.9	.8	.2						5.0	10.1
SSE	.2	.2	.6	.3			.3					1.5	13.1
S	.2	.3	.9	1.5	.9	.2						3.9	13.0
SSW		.5	.8	.2	.2							1.5	8.9
SW	.5	.6	.9	.6								2.4	8.1
WSW			.3	.5	.2							.9	12.0
W	.8	1.1	1.1	.2	.2							3.2	6.7
WNW	.5	.3	1.1	.8	1.1							3.6	11.7
NW	.6	1.8	2.7	4.5	2.9	.3						12.9	11.9
NNW	.9	1.4	2.1	3.9	1.2	.2						9.7	11.0
VARBL													
CALM												6.4	
	7.4	14.4	23.8	24.4	14.4	5.5	2.7	.3	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWY DOT APT
STATION

57-66
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	.0	2.7	4.1	4.7	1.2	1.5						14.8	11.5
NNE	.8	.6	1.8	2.0	1.7	.9	.8					8.5	14.4
NE	1.7	1.5	2.0	2.8	1.4	1.5	.5					12.3	12.8
ENE	.2	.5	.8	.8	.6	.3	.3					3.3	14.5
E	.6	.2	.8	1.1	.8	.5	.2		.3			4.2	15.6
ESE	.8	.2	.6	1.5	1.1	.6	.3					4.5	15.5
SE	.5	.6	1.4	1.7	.5	.5	.2					5.2	12.2
SSE	.3	.9	.8	.2	.3							2.4	8.2
S	.2	.6	.8	1.4	.3	.2						3.5	11.2
SSW		.2	.3	.5	.2	.2						1.2	13.0
SW	.4	.2	.9	.5	.3							2.9	8.0
WSW	.2	.2	.5	.5	.2							1.4	9.6
W	.8	.9	.5	.5								2.6	6.5
WNW	.2	.9	.3	1.2	.8	.2						3.5	11.8
NW	1.1	1.1	2.3	4.2	1.7	.5						11.8	11.6
NNW	1.1	1.8	3.9	2.5	2.1	.3						12.7	11.1
VARBL													
CALM												5.2	
	9.6	12.0	22.6	27.7	12.4	1.0	2.1		.3			100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/4AC

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

SURFACE WINDS

17901 RESOLUTE NWT DDT APT

57-66

SEP

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	.0	2.0	2.9	3.2	2.4	1.2		.2				14.4	12.8
NNE	.5	1.2	1.8	1.4	1.4	.9	1.1					8.2	14.9
NE	.5	.8	2.7	2.1	1.2	1.7						8.9	13.4
ENE	.2	.5	.8	1.4	.8	.5	.2					4.1	14.1
E	.8	.2	.5	1.4	1.4	1.1	.3		.3			5.8	17.0
ESE	.6		.9	.8	1.1	.3						3.6	13.3
SE	.5	.6	1.7	1.1	1.2	.8						5.6	13.2
SSE	.5	.5	.8	.5	.8	.2						3.0	11.3
S		.3	.5	.3	.8							1.8	12.8
SSW	.5	.3	.3	.2	.3							1.5	8.8
SW	.6	.8	.5	.3	.3	.3						2.7	9.3
WSW	.6	.3	1.1	.2		.2						2.3	7.7
W	1.5	1.2	.5	.6		.2						3.9	6.0
WNW	.5	.5	.3	2.0	.8	.5						4.2	13.5
NW	2.0	1.2	2.6	3.8	2.6	.2	.2					12.4	11.3
NNW	.3	2.4	3.3	2.7	1.5	.8						11.1	11.2
VARBL													
CALM												6.4	
	9.5	12.6	20.9	23.6	16.4	8.5	1.7	.2	.3			100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NAT DOT APT 57-66 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLAS
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	.4	2.3	4.4	2.7	1.4	1.4	.6					13.6	12.0
NNE	.5	.9	1.2	1.5	1.7	2.1	.3					8.2	13.4
NE	.3	.8	3.5	3.6	1.2	2.3	.2					11.8	13.5
ENE	.4		.3	.8	.6	.2						2.0	13.7
E	.4	.3	.5	.6	1.7	.6	.2	.2		.2		4.2	18.4
ESE	.4	.5	.5	1.1	.9	.6	.2					3.8	15.1
SE		.2	2.0	1.2	.2	.8	.3					4.3	14.5
SSE	.5	.9	.5	1.2	.5							3.5	10.2
S	.3	.6	.2	1.5	1.1	.2						3.8	12.6
SSW	.6	.5	.5	.5		.2						2.3	7.9
SW	.5	.2	.2	1.1	.5							2.3	11.9
WSW	.2	.5	.5	.8	.2	.3						2.3	11.9
W	1.5	.6	1.2	.6	.3							4.2	7.0
WNW	1.4	.8	1.2	1.5	.2	.2						5.2	8.8
NW	1.1	1.4	3.0	3.5	2.7	.3						12.0	11.6
NNW	.5	1.2	3.8	2.9	2.9	.9						12.1	12.9
VARBL													
CALM												4.2	
	8.6	11.4	23.2	22.0	15.8	9.8	1.7	.2		.2		100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

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	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	4.1	2.0	1.2	1.7	.5					12.4	12.5
NNE	.5	.8	2.4	1.5	1.7	1.1	.2					8.0	13.6
NE	.3	1.2	3.5	2.9	2.0	2.0		.5				12.3	14.4
ENE	.2	.6	1.2	.5	.2							2.6	8.7
E	.3		.5	1.4	1.4	.6		.2			.2	4.4	17.7
ESE	.2		.9	1.1	1.1	.5	.2					3.8	15.6
SE	.9	.6	1.2	2.1	.8	.8						6.4	11.9
SSE	.2	.3	.9	.9	.3							2.6	11.1
S	.3	.5	.2	.6	.6	.3						2.4	12.7
SSW			.5	.3	.6	.3						1.7	16.2
SW	.0	.5	.6	.8	.2							2.6	8.5
WSW	.9	.3	.6	.6	.5	.3						3.2	10.7
W	1.1	1.5	1.1	.8	.2							4.5	7.3
WNW	.5	.9	1.1	.2	.5							3.0	8.3
NW	.8	.9	3.0	3.8	2.4	.5						11.4	12.3
NNW	.8	1.4	2.7	4.7	3.0	1.2	.3					14.1	13.5
VARBL													
CALM												4.7	
	8.8	10.8	24.4	24.5	10.4	4.1	1.1	.6			.2	100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/TAC

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

SURFACE WINDS

STATION 17901 RESOLUTE PT APT STATION NAME 57-66 YEARS SEP MONTH 1000-2000 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	1.5	1.4	3.8	3.2	1.4	1.7	.8					13.5	12.8
NNE	.5	.5	2.4	2.3	1.6	1.1	.5					8.8	14.5
NE	.6	.6	2.3	3.0	2.4	1.8	.3	.3				11.4	15.2
ENE		.6	.9	1.5	.6	.3						3.9	12.4
E	.5	.3	.9	.9	.6	1.2	.2	.2	.2			4.8	17.0
ESE	.5	.6	.9	1.2	.8							3.9	11.0
SE	.9	.9	1.7	1.1	.8	.3						5.6	10.2
SSE	.3	.2	.8	1.2		.5						2.9	11.9
S	.0	.3	.6	.5	.8	.3						3.0	11.3
SSW	.5	.3	.2	.5	.6							2.1	11.7
SW	.4	.5	.8	.5								1.8	8.6
WSW	.6	.2	.5	.6	.3	.3						2.6	10.5
W	1.1	.6	1.2	.6								3.5	6.8
WNW	.6	.8	1.1	.9	.2							3.6	8.0
NW	.5	1.1	3.2	3.8	2.4	.5						11.4	12.3
NNW	1.1	1.1	3.0	4.5	1.4	.6	.2					11.8	11.8
VARBL													
CALM												5.2	
	9.7	9.8	24.1	26.2	14.1	6.5	1.8	.5	.2			100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DUT APT 57-66 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
2100-2300
HOURS (L.T.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	1.5	4.4	3.6	2.1	1.2	.3					14.5	12.1
NNE	.5	.5	2.0	2.4	2.4	1.4	.3					9.4	14.8
NE	.8	.8	2.3	2.3	2.1	1.2	.8					10.2	14.8
ENE	.2	.3	.6	1.5	.9							3.5	13.2
E		.5	1.7	1.4	1.1	.8		.2				5.5	14.5
ESE	.5	.2	1.1	.9	.5	.3						3.2	12.2
SE	.8	.8	1.4	1.8	.6							5.3	10.0
SSE		.3	1.7	.5	.5	.3	.2					3.3	12.8
S	.5	.5	.8	.2	.3							2.0	8.7
SSW	.2	.2	.3	.9	.6							2.1	12.6
SW	.4	.3	.9	.6								2.7	6.4
WSW	.2	.8	.5	.5	.5							2.3	10.3
W	.8	.8	1.7	.6								3.8	7.0
WNW	.2	.3	.8	.5	.2							2.4	9.7
NW	1.8	1.2	3.9	4.8	1.8	.9						14.5	11.6
NNW	.4	.9	3.0	3.3	1.4	.8		.2				10.5	11.8
VARBL													
CALM												4.3	
	4.2	4.5	26.8	25.8	15.2	6.8	1.5	.3				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

660

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
STATIONRESOLUTE NAT DPT APT
STATION NAME57-66
YEARSCCT
MONTHALL WEATHER
CLASS0000-0200
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	1.6	2.2	4.6	3.0	1.1	1.5	.4	.3				14.9	11.9
NNE	.4	.4	.7	.3	.1	1.2	.4	.1				3.7	16.6
NE	.7		1.1	2.0	1.2	1.8	1.2	.5				8.6	19.0
ENE	.3		.6	.5	.5	.4						2.6	13.3
E	.8	.3	.3	.4	1.3	.5	.1	.4	.3			4.6	17.7
ESE	.4	1.4	.8	1.0	1.1	1.1	.5	.1				6.4	15.0
SE	.6	1.0	.4	2.3	1.0	.5	1.2	.1				7.4	15.6
SSE	.4	.3	1.4	.5	.4	.4	.3	.3				4.0	14.7
S	.1	.1	.8	.8	.1							2.0	10.8
SSW	.1	.4	.1	.4	.1	.4	.3					1.9	15.4
SW	.7	.5	.5	1.0	.5							3.3	9.8
WSW	.3	.3	.3	.4	.3	.3						1.8	11.9
W	1.1	1.1	.7	1.0								3.8	7.1
WNW	1.1	.3	1.2	.3	.3							3.7	8.0
NW	1.8	3.3	4.5	2.9	1.9	.7						15.0	10.1
NNW	2.3	1.9	2.7	1.9	1.1	.5						10.5	9.1
VARBL													
CALM												6.0	
	12.4	13.6	21.1	18.7	11.6	4.4	4.5	1.9	.3			100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE NWT DUT APT 57-66 YEARS 1967 MONTH 0300-0500
STATION NAME 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	2.3	3.7	1.4	1.1	1.0	.4	.4				12.1	11.2
NNE	.8	.7	.7	.4	.5	1.4						4.5	13.0
NE	1.1	.4	1.1	2.5	1.1	1.0	1.5	.1				8.7	16.0
ENE	.4	.1	.1	.8	1.1	1.0	.1					3.7	16.6
E	.3	.8	.7	.5	.5	.5	.7	.1	.3			4.5	17.8
ESE	1.1	.7	.5	1.8	.7	1.8	.3					6.8	14.7
SE	.7	.3	1.9	1.8	1.5	.5	1.0	.3				7.9	15.6
SSE	.1	.1	1.2	.5	.5	.3	.1					2.7	12.7
S	.4	.3	.4	.5			.1					1.8	9.6
SSW	.5	.1	.7	.5	.1	.5						2.3	13.7
SW	.4	1.2	1.1	.5	.7	.3						4.2	10.3
WSW	.1	.1		.7	.5	.1						1.6	14.7
W	.7	.7	.8		.1							2.3	6.7
WNW	1.0	.4	.5	1.1	.1							3.1	8.4
NW	2.2	1.2	3.5	4.2	2.2	.5						13.9	11.0
NNW	2.2	2.6	2.9	2.3	1.5	1.0	.1					12.5	10.1
VARBL													
CALM												7.2	
	13.6	12.1	19.9	19.6	12.1	4.8	4.4	1.0	.3			100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 734

2

DATA PROCESSING DIVISION
 LTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT OUT APT
STATION STATION NAME

57-66

YEARS

OCT

0600-0800
MOON (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	2.2	2.0	2.3	1.9	1.1	.8					12.1	12.2
NNE	.7	.7	.3	.4	.8	1.0	.4	.1				4.4	15.8
NE	.7	1.6	1.1	1.2	1.2	1.5	.7	.5				8.6	15.5
ENE	.3	.3	.5	.4	1.0	1.0	.1	.1				3.7	16.9
E	1.2	.5	.4	.8	.4	.5	.1	.8				4.9	15.3
ESE	.8	.5	.4	1.0	1.9	.7	.4	.3				6.0	15.8
SE	1.2	.5	1.9	1.9	.7	1.2	.7	.1				8.3	14.0
SSE	.4	.7	1.1	.7	.4	.1						3.4	10.0
S	.1	.7	.1	.3		.1						1.4	8.8
SSW		.3	.1	1.2	.1	.1	.1					2.0	14.7
SW	.4	.4	.4	1.5	.3	.5	.3					3.8	15.9
WSW	.4	.1	.4	.5	.7	.1						2.3	12.7
W	.8	.1	1.1		.3	.1						2.5	8.3
WNW	.7	.5	.8	.5	.4	.1						3.1	9.6
NW	1.2	1.6	2.9	3.3	2.0	.4						11.4	11.1
NNW	3.0	2.0	2.7	3.5	1.5	.8	.1					13.8	10.2
VARBL													
CALM												8.3	
	13.4	12.9	16.3	19.6	12.5	9.5	3.8	2.0				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

JCT
MORTH

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	2.2	2.0	3.5	1.1	1.0	.8	.4	.1				11.2	10.3
NNE	.8	.1	.7	.4	1.4	1.2	.7	.1				3.4	17.6
NE	1.1	1.0	.5	2.5	.5	1.5	.7	.8				8.6	16.6
ENE	.4		.4	.7	.8	.5						2.9	14.7
E	.3		.3	1.5	1.0	1.1	.4	.5	.1			5.9	20.2
ESE	.3	.8	1.1	1.1	1.2	1.6	.3	.3				6.7	16.5
SE	.4	1.2	1.6	1.0	.8	1.2	.3	.1				6.9	14.5
SSE		.4	.7	.3	.4	.1	.1	.1				2.2	14.4
S	.5	.4	.5	.5		.3	.1					2.5	10.9
SSW	.1	.3	.3	.5	.7	.1						2.0	13.4
SW	.5	.4	.4	.8	.3	.3						2.7	10.7
WSW	.4	.4	.4	1.2	.7	.3						3.4	12.1
W	.5	.3	1.6	.7	.1	.3						3.5	9.8
WNW	.1	.1	1.0	1.0	.5							2.7	12.0
NW	2.2	1.2	4.1	2.3	1.2	.8						11.9	10.1
NNW	1.4	2.7	4.0	2.2	1.1	.5						11.9	9.6
VARBL													
CALM												9.7	
	11.3	11.4	21.1	17.7	12.4	10.8	3.3	2.2	.1			100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

724

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT OUT APT 57-66 CCI
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.T.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.6	3.0	2.2	1.0	.3	.8					11.2	10.3
NNE	.5	.3	.5	1.1	.8	1.1	1.0	.1				5.4	17.8
NE	.3	1.0	.7	1.2	.5	2.0	.8	.3				6.8	17.8
ENE	.3	.3	.5	.4	1.4	.3						3.1	13.4
E	.1	.8	1.0	1.0	1.0	.4	.7	.8	.1			4.9	21.1
ESE	.3	.8	1.2	2.3	1.8	1.1	1.0					8.4	16.0
SE	.3	.3	1.4	.7	1.2	1.8	.3	.4				6.8	16.5
SSE		.3	.7	.3	.3	.1	.1					2.0	12.9
S	.4		.5	.7	.4		.3					2.2	14.5
SSW	.1			.8	.5							1.5	13.7
SW	.4	.3	.7	.4	.1							2.2	8.4
WSW			.3	1.2	.5	.1						2.2	14.9
W	.1	.3	1.9	1.6								4.2	10.0
WNW	.3	.1	1.0	.4	.7	.1						2.6	11.9
NW	1.4	2.6	4.0	4.1	1.2	.5						13.8	10.2
NNW	3.1	2.5	3.3	2.7	1.8	1.0						14.3	9.6
VARBL													
CALM												8.3	
	9.9	11.2	20.4	21.4	13.2	8.9	4.9	1.6	.1			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DUT APT
STATION STATION NAME

57-66

YEARS

UCT
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	2.3	2.6	3.4	2.3	1.4	1.0	.5	.1	.1			13.8	11.2
NNE	.4	.4	.5	.8	.4	.7	1.1					4.4	17.2
NE	.7	.5	.8	1.2	2.2	1.6	1.1	.1				8.3	17.5
ENE	.5	.7		1.1	1.0	.1		.1				3.5	13.4
E	.8	.8	.4	1.1	.5	.5	1.0	.5	.3			6.0	17.8
ESE	.1	.8	.5	1.6	.5	1.4	.5	.3				5.9	16.7
SE	.8	.8	1.0	1.2	1.5	1.4	.4	.4				7.5	15.6
SSE			.4	.4	.1	.8	.1					1.9	18.1
S	.3	.3	.7	1.1	.5	.3						3.1	12.8
SSW	.3		.2	.5	.5	.1						1.8	13.7
SW	.1	.2	1.0	.5								1.9	8.9
WSW	.3	.1	.4	.2	.4							1.5	10.5
W	.7	.7	.8	1.8	.5							4.5	10.5
WNW	.3	.5	.7	.7	.4	.1						2.7	10.4
NW	2.4	1.5	2.7	4.0	2.2	.7						14.4	10.2
NNW	2.7	3.0	3.3	3.3	1.0	.4						13.6	8.8
VARBL													
CALM												5.2	
	13.0	12.1	16.9	21.9	12.2	9.1	4.8	1.6	.4			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

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

SURFACE WINDS

17901 RESOLUTE NWT DUT APT

57-66

JCT

STATION

STATION NAME

YEARS

MONTHS

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	1.4	2.0	4.6	3.4	1.5	1.0	.7	.7		.1		19.9	12.6
NNE	.8	.1	.5	.8	.1	1.1	.5	.4				4.5	18.0
NE	.1	.8	.7	2.5	1.0	1.9	2.2					9.1	19.1
ENE	.7	.3	.5	.5	1.1	.1						3.3	12.2
E	.5	.1	.1	.8	.7	.7	.8	.4	.3			4.5	21.7
ESE	.8	.5	.8	1.1	.8	1.2	.5	.3				6.1	16.0
SE	.4	.7	1.4	2.2	1.2	1.4	.4	.3	.1			8.3	16.5
SSE	.1		.4	.7	.1	.5			.3			2.2	18.4
S	.8	.1	.1	.8	.3	.4	.1					2.7	2.6
SSW	.4	.1	.1	.1	.1	.3						1.2	11.2
SW	.4		1.0	.8	.3	.4	.1					3.0	13.7
WSW	.1		.1	.3	.1							.7	10.4
W	.5	1.4	.4	.8	.8							4.0	9.5
WNW	.5	1.1	.7	.3	.3	.3						2.9	9.7
NW	2.7	2.2	4.1	3.1	1.9	.7						14.9	9.8
NNW	2.0	2.0	3.0	2.2	.7	.4						10.4	8.9
VARBL													
CALM												6.4	
	12.4	11.9	18.7	20.4	11.3	10.4	5.4	2.0	.7	.1		100.0	12.7

TOTAL NUMBER OF OBSERVATIONS

734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT OOT APT 57-66 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
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	1.8	2.0	4.4	3.1	.8	1.2	.3	.4	.1			14.2	11.8
NNE	.4	.3	.3	1.1	.8	.7	1.0					4.5	17.7
NE	.3	.1	1.0	1.9	.8	2.5	1.2	.4				8.2	19.7
ENE	.1	.4	.1	.4	1.0	.3	.1					2.5	19.1
E		.1	.5	.7	.4	.8	.7	.3				3.5	20.7
ESE	1.0	1.1	.1	1.4	.4	1.0	.8	.4	.3			6.4	16.9
SE	.7	1.4	1.3	2.3	1.1	1.4	.1	.3				8.7	14.0
SSE	.1	.4	.3	.5	.1	.1	.1	.1	.3			2.2	17.2
S	1.0	.1	.4	.3	.8	.4						3.0	11.3
SSW	.1	.3	.5	.4	.3	.3	.1					2.0	13.1
SW	.1	.5	.3	1.0	.4	.3						2.6	12.3
WSW	.1	.5		.8	.1							1.6	9.6
W	.8	.4	.8	.7	.3							3.0	8.3
WNW	.3	.7	.5	.8	.3	.1						3.0	9.5
NW	1.9	1.8	5.4	2.5	1.6	.7						13.9	10.0
NNW	2.9	2.0	3.8	2.6	1.4	.4						13.1	9.2
VARBL													
CALM												7.6	
	11.9	12.3	20.0	20.4	10.0	10.1	4.5	1.9	.7			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 734

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE MNT DUT APT
STATION STATION NAME

57-66

YEAR

NOV
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	1.2	1.5	1.7	1.2	1.2	.1						7.1	9.6
NNE	.6	.1	.3	.3	.7	.6	.6	.1				3.2	17.3
NE	1.0	.1	.7	1.6	2.4	4.4	1.4	.6				9.9	19.2
ENE	1.0	.3	.3	1.2	.8	.3	.1					4.0	11.8
E	.6	.6	1.2	1.4	1.5	1.1	1.8	.8	.3	.1	.4	9.9	22.0
ESE	1.4	1.7	1.7	1.8	.4	1.8	.8	.3	.1			10.0	14.3
SE	1.1	1.6	1.8	1.0	1.0	.3	.1	.1				7.2	10.3
SSE	.4	.1	.8	.3	.3							1.9	9.1
S	.6	.3	1.0	1.0	.3		.1					3.2	10.6
SSW	.4	.1	.1		.3							1.0	8.7
SW	.1	.1	.6	.1	.1							1.1	9.6
WSW	.2	.3	.1	.6								1.2	7.8
W	.6	.3	1.0	.1								1.9	6.6
WNW	.6	.7	.6	.6	.1							2.5	7.4
NW	2.2	3.5	4.2	1.7	1.0	.1						12.6	8.0
NNW	2.1	.6	1.8	1.8	1.1	.7						8.3	10.4
VARBL													
CALM												14.9	
	14.0	12.4	17.8	14.4	11.2	7.4	3.0	1.9	.4	.1	.4	100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
STATIONRESOLUTE NWT DUT APT
STATION NAME57-66
YEARSNOV
MONTHALL WEATHER
CLASS0300-0500
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	1.7	1.1	1.4	2.8	1.0	.3	.1					8.3	10.5
NNE	.4	.6	.6		.6	.3	.3	.6				3.2	16.7
NE	.8	1.1	.8	1.4	2.1	2.2	1.0	.3				9.7	16.8
ENE	1.0	.1	.3	.6	.7	.6	.3					3.5	13.7
E	1.0	1.0	.3	1.5	1.7	1.4	.8	1.4	.4		.4	9.9	22.4
ESE	1.4	1.9	.8	1.7	1.4	1.4	.4	.1				9.2	13.1
SE	1.0	2.1	1.9	1.0	1.2	.1	.3	.1				7.8	10.4
SSE		.3	.4	.4	.3							1.4	11.1
S	1.0	.6	.3	.4	.4	.1						2.8	9.3
SSW	.3	.1	.3		.3	.1						1.1	11.6
SW			.8									.8	9.2
WSW	.3	.1		.4								.8	7.2
W	.4	.6	.6	.1	.1							1.8	6.8
WNW	.3	.8	.3	.3	.3							1.9	8.4
NW	1.7	2.8	4.7	3.1	1.4	.3						13.9	9.5
NNW	2.5	1.8	1.5	1.9	.1	.3						8.2	7.6
VARBL													
CALM												15.7	
	13.0	15.0	15.0	15.6	11.3	7.1	3.2	2.5	.4		.4	100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT OUT APT

57-66

NOV

STATION

STATION NAME

YEARS

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	1.2	1.1	2.1	1.1	.7	.8						7.4	10.0
NNE	.6	.6	.4	.4	.3	.3	.3	.1				2.8	13.8
NE	1.0	1.4	1.0	1.7	1.8	1.1	2.1					10.0	16.1
ENE	.4	.1		1.5	.8	.6	.4					3.9	16.3
E	1.1	.7	.7	1.8	2.2	1.1	.8	1.1	.8	.1	.3	10.8	21.7
ESE	1.2	.8	1.5	1.3	1.7	.4	1.3	.1				8.3	14.8
SE	1.4	1.9	2.4	.8	.8	.6	.3					8.2	9.7
SSE	.4		.1	.7	.1							1.4	9.7
S	.3	.7	.8	.8	.6							3.2	10.3
SSW	.1	.1		.1	.4							.8	13.3
SW	.3	.1	.1	.3	.1	.3						1.3	12.4
WSW	.3	.3	.8									1.4	7.0
W	.0	.3	.3	.1	.1							1.7	6.4
WNW	.4	.7	1.0									2.1	6.1
NW	2.3	3.1	4.2	3.2	1.4	.1						14.5	8.8
NNW	1.7	1.1	1.8	1.8	1.0	.3						7.6	9.6
VARBL													
CALM												14.6	
	13.4	13.1	17.2	15.7	12.1	2.6	3.1	1.4	.8	.1	.3	100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

719

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DDT APT
STATION

57-66
YEARS

NOV
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	2.4	.6	1.5	1.5	.8	.3						7.1	9.1
NNE	.3	.7	.6	1.0	.1	.1	.1	.1				3.1	12.5
NE	1.2	1.0	.6	1.7	1.0	.6	1.2	.4				7.6	15.7
ENE	.4	.3	.3	1.7	1.4	.7						4.7	14.5
E	1.5	.7	1.4	.8	1.8	1.4	1.0	.7	.6	.3	.1	10.3	19.5
ESE	1.0	1.0	1.0	1.8	1.9	2.2	.7	.4				10.0	16.7
SE	1.2	1.1	2.5	1.5	.3	.3	.3					7.2	9.8
SSE	.1		.8	.4	.4							1.8	11.1
S	.6	.7	1.5	.6	.6	.1						4.0	9.4
SSW	.1	.3		.1	.4	.1						1.1	12.8
SW	.1	.3	.1	.1	.3							1.0	9.9
WSW	.1	.4	.1	.1								.8	7.0
W	1.1	.3	.6	.4								2.4	6.6
WNW	.0	.1	.8	.3	.3							2.1	8.3
NW	2.1	3.9	2.9	2.4	1.0							12.2	8.2
NNW	2.2	3.2	2.5	.8	.8	1.0						10.6	8.8
VARBL													
CALM												14.0	
	13.1	14.4	17.2	13.2	11.1	9.8	3.3	1.7	.6	.3	.1	100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 STATION RESOLUTE NWT DUT APT 57-66 YEARS NOV 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	1.9	2.6	1.5	.6	.8	.1					9.0	9.9
NNE	.8	.1	.6	.6	.4	1.4	.1	.1				3.6	17.9
NE	1.1	.6	1.1	1.2	1.2	.4	.7	.4				6.8	15.1
ENE	.8	.6	.6	1.1	1.4	.7	.1					4.7	14.6
E		.1	1.0	1.5	1.4	.8	1.1	1.2	.6	.6		8.3	25.0
ESE	1.1	.4	2.2	2.9	1.5	1.1	1.0	.3				10.6	14.8
SE	.1	.4	1.8	2.1	1.6	1.2	.3					7.8	14.2
SSE	.1	.3	.1	.8	.1							1.5	10.5
S	.6	.3	1.4	1.1	.8	.1						4.3	11.7
SSW		.1	.1	.3	.3	.1						1.0	14.9
SW	.6			.1								.7	4.8
WSW	.1	.1	.1		.1							.6	7.5
W	.4	.7	.8	.4								2.4	7.1
WNW	1.1	.9	.8	.4								2.9	6.1
NW	1.1	3.7	3.9	1.8	.4			.1				13.1	7.1
NNW	1.3	1.6	2.9	1.9	.3	.4						8.3	9.1
VARBL													
CALM												14.4	
	12.4	11.2	20.1	17.9	9.4	7.2	3.5	2.2	.6	.6		100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17901 RESOLUTE NAT OUT APT

7-66

NOV

STATION

STATION NAME

YEARS

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	1.5	1.1	1.7	1.4	.5	1.0						6.9	10.2
NNE	.6	.3	.1	.7	.7	.6						3.3	16.0
NE	1.0	.4	1.0	1.5	1.2	1.7	1.1	.6	.1			8.6	17.9
ENE	.5	.3	1.0	1.4	.8	1.2						5.0	14.9
E	.8	.1	.8	1.9	1.0	1.2	.8	.4	.3	.7		8.2	21.1
ESE	.7	.8	2.2	1.8	1.4	2.2	1.0	.6				10.7	16.9
SE	.5	1.1	1.8	2.6	1.2	1.2	.3					8.6	13.8
SSE			.3	.1	.5	.1						.8	15.7
S		.7	.8	1.4	.6	.1	.1					3.7	12.4
SSW	.5			.6	.5							1.1	11.8
SW	.0	.1	.1	.1								1.0	6.0
WSW	.1	.3	.3	.1								.8	6.3
W	.4	.1	.7	.3								1.5	6.8
WNW	1.2	1.2	1.2	.4								4.2	6.0
NW	3.9	4.2	2.9	1.8	.8	.3						13.9	7.4
NNW	1.4	2.4	2.5	1.0	.1	.1	.1					7.6	7.7
VARBL													
CALM												13.9	
	13.1	13.2	17.5	17.2	6.1	4.9	3.9	1.5	.4	.7		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE WMT DUT APT 57-66 NOV
STATION STATION NAME YEARS MONTH
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	1.0	.7	1.2	2.4	.6	.6	.3					6.7	11.7
NNE	.7	.1	.8	.7	.8	.3	.4	.1				4.0	14.3
NE	1.1	.3	.4	1.4	3.2	1.8	.8	.3	.3			9.6	18.5
ENE	.3	.3	1.1	1.5	.1	.7	.1					4.2	13.8
E	.7	.4	.7	1.7	.7	1.0	1.7	.7	.1	.4	.1	8.2	21.5
ESE	.6	1.2	2.4	1.5	1.9	2.6	1.4	.1	.3			12.4	16.9
SE	.5	1.1	1.2	1.5	1.4	.3			.1			6.5	12.3
SSE	.3	.3	.3	.1	.1							1.1	8.9
S	.4	.7	1.2	1.0	.1		.1	.1		.1		3.9	12.1
SSW	.1		.6	.3	.3							1.2	11.3
SW	.1	.4										.6	4.0
WSW	.1	.4	.6	.1								1.2	6.9
W	.3	.6	.3	.4								1.9	7.2
WNW	.6	.7	.8	.4								2.5	7.5
NW	3.3	3.9	3.7	1.4	.8	.3	.1					13.2	7.9
NNW	1.1	2.4	2.2	1.0	.1	.1	.1					7.1	8.3
VARBL													
CALM												16.1	
	11.6	13.1	17.6	15.4	10.3	7.6	3.1	1.4	.8	.6	.1	100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
STATIONRESOLUTE NWT DUT APT
STATION NAME57-66
YEARSNOV
MONTH2100-2300
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	1.7	1.0	2.1	1.4	.3	.3						6.7	8.5
NNE	.4	.1	.1	.1	1.1	.6	.3	.4				3.2	19.6
NE	1.4	.6	.7	1.8	2.1	1.7	1.5	.6				10.3	17.8
ENE	.4	.4	.4	1.9	.7		.6					4.9	12.9
E	1.1	.3	.7	1.5	1.4	2.4	.7	.8	.4	.6		9.9	21.5
ESE	.8	.8	1.8	1.5	1.2	1.9	1.0	.3				9.4	16.0
SE	1.1	1.2	1.4	1.2	1.4	.1	.1					6.7	10.9
SSE	.6		1.0	.4	.1							2.1	8.9
S		.6	1.7	.6	.6		.1	.1				3.6	12.4
SSW	.1	.1	.3	.4	.4				.1			1.5	14.5
SW	.3	.4	.3									1.0	5.9
WSW	.1	.1	.4	.3								1.0	8.9
W	.7	1.0	.3	.3								2.2	5.9
WNW	.4	.8	.1	.1								1.5	4.9
NW	1.4	2.2	3.6	2.4	1.1	.3						11.5	9.2
NNW	2.1	1.5	3.3	.6	.6	.6						8.6	8.4
VARBL												16.0	
CALM													
	13.6	11.2	18.2	14.6	11.0	7.8	4.3	2.2	.6	.6		100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

720

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE INWT DDT APT 57-66 DEC
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	1.9	.5	.7	.8	.4	.1				7.1	11.5
NNE	.3	.1	.8	.8	.8	.5	.5	.3		.1		4.3	18.5
NE	.1	.1	.3	1.5	1.2	1.7	.5	.1				5.6	19.1
ENE		.3	.5	.4	.7	.3						2.2	13.6
E	.7	.1	1.1	.4	1.1	.9	.9	.8	.1			6.2	20.2
ESE	.6	.3	.9	1.5	2.3	1.9		.4	.3	.1		8.7	17.4
SE	1.5	.3	2.6	1.5	.5	1.1	.4	.3	.3			8.3	14.0
SSE	.9	.3	.7	.1	.3	.3			.1			3.0	9.9
S	.1	.4	.5	1.5	.7	.8		.1				4.2	15.6
SSW		.3	.3	.1	.1	.1	.1					1.1	14.3
SW	.3	.5	.8			.1		.1				1.9	10.0
WSW	.3			.3	.1							.7	9.4
W	.7	.7	1.1	.7								3.1	7.3
WNW	.3	2.2	1.3	.4								4.2	6.8
NW	3.6	2.4	5.2	2.6	.9	.7	.1	.1				15.7	8.9
NNW	1.0	1.2	3.0	1.9	.9	.8	.5					9.9	11.4
VARBL													
CALM												13.8	
	12.4	11.2	21.0	14.1	10.5	10.1	3.6	2.4	.8	.3		100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWY DOT APT 57-66 DEC
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
0300-0500
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	.5	.5	1.3	1.5	.7	.9	.3					5.8	13.5
NNE	.5	.1	.5	.8	.5	1.2	.5	.1				4.4	17.5
NE	.8		.4	1.3	.3	2.2	1.2	.4				6.6	20.0
ENE	.4	.1	.1	.4	.5	.3	.4					2.0	13.5
E	.3	.3	.8	.8	.7	.9	.5	.3	.5	.3		9.4	22.3
ESE	.7	1.3	1.3	1.2	1.9	.9	.3	.5				8.2	19.1
SE	1.2	2.2	2.2	1.9	1.6	1.1	.5	.1				10.8	12.4
SSE	.4	.5	1.2	.4	.5	.1	.3	.1				3.6	12.8
S	.3	.4	.4	.7	.8	.7	.1					3.4	13.0
SSW	.3	.1		.5	.1	.1						1.2	12.0
SW	.5	.3	.7	.3		.3						2.0	8.9
WSW	.4	.1	.4	.3								1.2	7.6
W	.4	.4	1.1	.3								2.7	6.1
WNW	.8	1.3	1.3	.8								4.4	7.2
NW	2.0	3.2	3.2	3.6	1.1	.7						16.4	9.2
NNW	1.3	1.2	2.2	1.9	.5	.8	.7	.1				8.7	12.3
VARBL													
CALM												13.2	
	12.0	12.4	19.2	16.7	9.0	10.2	4.8	1.7	.5	.3		100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DDT APT 57-66 DEC
 STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 0600-0800
 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	.7	1.6	.9	1.0	.5	.3	.3				6.7	13.7
NNE	.1	.1	.1	.5	.3	.4	1.2	.3				3.1	22.6
NE	.5	.4	.7	.7	.7	2.0	1.3	.1	.3			6.7	20.5
ENE	.3	.3	.3	.8	.3	.7						2.4	13.9
E	.4	.5	1.3	.8	1.1	.9	.7	.5	.7	.1		7.1	20.4
ESE	.3	.9	1.2	1.5	2.7	1.1	.3	.5				8.5	16.5
SE	.8	2.2	1.5	1.2	1.5	.7	.9	.1				8.9	13.3
SSE	1.1	.4	1.3	.5	.3	.3						3.9	8.8
S	.5	.4	.7	.7	.7	.3		.3	.1			3.6	14.7
SSW	.4	.3		.4	.1	.3	.3					1.7	14.5
SW	.1	.1	.1	.4	.1	.1						1.1	12.5
WSW	.5	.4	.1	.1	.1							1.3	7.0
W	.4	.7	.8	1.2	.3							3.9	8.2
WNW	.4	1.1	1.3	1.1	.1	.1						4.2	9.1
NW	2.0	2.2	3.2	3.4	1.2	.1	.3					12.9	9.5
NNW	.8	.7	3.4	2.6	.9	1.5	.8					10.6	13.9
VARBL													
CALM												13.1	
	10.0	11.3	17.8	16.8	12.0	4.0	6.1	2.2	1.1	.1		100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

743

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NVT UOT APT
STATION STATION NAME

57-66

YEARS

JEC

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	≥ 56	%	MEAN WIND SPEED
N	1.2	.5	1.2	.7	.8	1.1	.5	.1				6.2	14.2
NNE	.5	.5	.4	.5	.7	.2	.5	.3				3.5	16.3
NE	.3	.1	.5	1.1	1.1	1.5	.8	.3	.1			5.8	19.9
ENE	.3	.3	.5	.7	.1	.7	.1					2.7	14.9
E	.4	.4	1.3	1.3	.8	1.3	.5	1.2	.4	.1		7.9	20.5
ESE	.7	.4	1.1	1.3	2.2	1.9	.7	.1				8.5	17.0
SE	1.5	1.1	2.0	2.7	1.3	.8	.1					9.5	11.7
SSE			.5	.1		.1	.1					.9	15.4
S	.2	.4	.7	1.5	.5	.5	.1					4.0	13.2
SSW		.1			.5	.1						.8	17.2
SW	.7		.1	.4								1.2	6.9
WSW	.1	.1	.2	.4	.4	.2						1.6	14.1
W	1.1	.9	1.1	.7	.3							4.0	7.2
WNW	1.6	1.2	1.3	.1	.1							4.0	5.9
NW	2.2	2.6	4.6	3.8	.8	.3						14.2	9.0
NNW	1.6	.9	2.2	2.7	1.1	.8	.7	.3				10.2	12.8
VARBL													
CALM												14.8	
	11.8	9.7	17.9	18.0	10.9	9.7	4.2	2.3	.5	.1		100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT DOT APT

57-66

LEC

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	.7	.8	.8	.5	.9	.9	.3					5.0	13.6
NNE	.1		.4	.5	.4	.8	.5	.3				3.1	21.2
NE	.3	.4	1.1	1.3	1.3	.9	.5	.3	.1			6.3	17.8
ENE	.1		.1	.9	1.1	.4	.4					3.1	17.8
E	.7	.1	1.2	.9	1.1	.8	.8	1.1	.9			7.7	22.2
ESE	.8	.3	1.7	1.9	1.5	1.6	.4	.3				8.5	15.3
SE	.9	1.9	1.5	1.6	1.3	1.1	.4	.3				9.1	13.2
SSE	.4	.3	.5	.8	.3	.1	.1					2.6	12.0
S	.1	.4	.1	.9	1.1	.3						3.0	13.6
SSW			.4	.1	.1	.3						.9	13.3
SW		.1		.1	.1	.3						.7	13.6
WSW	.3	.3	.3	.3	.1	.3						1.3	11.1
W	.3	.9	.8	.5	.4							3.0	9.1
WNW	1.2	.7	1.5	1.1	.5							3.0	8.5
NW	3.1	3.2	2.6	3.6	1.3	.3						14.1	8.7
NNW	1.9	1.6	2.6	2.3	.9	1.2	.4					10.9	11.1
VARBL													
CALM												15.7	
	10.9	11.0	13.6	17.6	12.8	4.3	3.9	2.2	1.1			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
STATION

RESOLUTE NWT DUT APT
STATION NAME

57-66
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1900-1700
HOURS (L.E.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	.4	1.1	1.2	.4	.8	.4	.1				5.4	14.0
NNE		.3	.1	.7	.9	.9	.1	.4				3.5	20.2
NE	.7	.4	.9	1.7	.9	.8	.5	.1				6.2	15.4
ENE	.1	.3	.1	1.3	.9	.5	.3					3.6	15.9
E	.6	.1	.5	.7	.7	.5	1.3	.8	.4	.4		6.3	24.0
ESE	1.5	1.2	2.2	1.6	2.0	1.6	.5	.3				10.9	14.0
SE	1.0	1.5	1.6	1.2	1.1	1.3						8.3	11.5
SSE	.1	.3	1.1	.8		.4	.3					3.0	13.4
S	.7		.4	1.1	.9		.1					3.2	13.1
SSW	.3	.1	.3	.4	.1	.3	.1					1.6	13.4
SW	.5	.1		.1	.3							1.1	8.1
WSW	.3		.5	.1	.1							1.1	8.8
W	.3	.8	1.1	.3	.4							2.8	8.8
WNW	.6	.9	2.3	.5	.1							4.7	7.6
NW	2.3	3.1	2.3	3.4	1.5	.3	.1					12.9	9.4
NNW	2.2	2.4	3.0	2.3	.8	.9	.1					11.7	9.7
VARBL													
CALM												13.7	
	12.5	12.5	17.5	17.5	11.3	8.5	4.0	1.7	.4	.4		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901 RESOLUTE NWT OOT APT
STATION STATION NAME

57-66

YEARS

DEC
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	.4	.4	1.7	1.3	.9	.7	.4					5.9	13.8
NNE	.3	.4	.1	.4	1.2	1.1	.1					3.6	17.1
NE	.7		.9	1.7	1.3	.9	.5	.3				6.5	16.5
ENE	.4	.3	.1	.4	.7	.3	.4					2.6	15.8
E	1.1	.4	.7	.9	.8	.4	.9	1.3	.4	.4		7.4	21.9
ESE	1.3	.4	1.3	2.3	1.6	1.7	.7					9.4	15.0
SE	1.5	1.6	1.7	1.2	.8	1.1	.3	.3				8.5	11.8
SSE	.5	.4	.8	1.1		.3		.1				3.2	11.8
S	.4	.1	.3	1.7	.4	.5						3.5	13.5
SSW	.1	.1	.8	.1		.1						1.3	9.8
SW	.3		.3		.1							.7	8.0
WSW	.1		.1	.1	.1	.1						.7	13.4
W	.7	1.2	.4	.4	.3							3.0	7.2
WNW	1.2	1.2	.9	.3	.3							3.9	6.7
NW	2.2	2.3	3.5	3.2	.8	.7						12.6	9.6
NNW	2.6	1.7	2.6	2.0	1.3	1.3		.1	.1			11.8	11.0
VARBL													
CALM												15.5	
	13.1	10.6	16.4	17.3	10.8	4.3	3.4	2.2	.5	.4		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

17901
STATIONRESOLUTE BAY DDT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASS2100-2300
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	.9	.9	2.0	1.9	1.6	1.1	.4	.3				8.7	13.9
NNE		.1	.3	.5	.5	.7	.3	.3				2.7	20.4
NE	.4	.1	.1	1.2	1.3	2.0	.5					6.0	18.5
ENE	.5		.4	.4	.5	.1						1.7	10.6
E	.2	.3	.4	.9	1.1	.7	1.6	.5	.1	.3	.1	6.6	22.7
ESE	1.1	.7	1.3	2.2	2.8	1.1	1.2	.3				10.6	16.1
SE	2.3	1.3	1.6	.5	.8	.1	.3	.4				7.4	10.0
SSE	.9	.4	.9	.4	.3							3.0	8.3
S	.1	.1	.5	.5	.9	.9	.3					3.5	17.1
SSW		.1	.3	.1								.5	8.5
SW	.1	.4	.4	.4								1.3	8.1
WSW		.3	.1		.1							.5	8.8
W	.9	.2	.7	.8	.3							3.2	8.0
WNW	1.6	1.2	1.2	.3	.1							4.0	6.1
NW	2.4	3.4	3.6	2.8	.8	.5	.1	.3				14.0	9.6
NNW	1.9	1.9	2.0	1.7	.8	1.3	.1	.3				10.1	11.5
VARBL													
CALM												16.0	
	13.4	11.8	16.0	13.1	11.4	8.6	4.8	2.3	.1	.3	.1	100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17901 RESOLUTE NAT OUT APT 57-66 ALL
STATION STATION NAME YEARS MONTH
INSTRUMENT
CLASS
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.7	1.6	1.7	1.0	1.1	.5	.1	.0			7.3	14.3
NNE	.1	.2	.3	.4	.3	.6	.6	.3	.1	.0		2.8	21.2
NE	.2	.3	.4	.4	.4	.9	1.2	.6	.1			4.3	22.6
ENE	.1	.1	.2	.3	.3	.3	.1	.0	.0			1.4	16.8
E	.4	.1	.4	.8	1.1	1.8	1.9	1.0	.3	.0	.0	7.7	24.4
ESE	.3	.3	.8	1.5	1.8	2.6	1.4	.3	.1	.0		8.9	20.3
SE	.8	.9	2.2	2.4	1.6	1.5	.6	.1	.0			10.2	14.4
SSE	.3	.6	1.1	1.1	.6	.4	.1	.0				4.2	12.0
S	.5	.6	1.1	1.5	1.1	.5	.1	.0				5.4	12.9
SSW	.2	.2	.6	.8	.6	.3	.1					2.7	13.5
SW	.4	.3	.8	.7	.3	.1	.0					2.9	10.2
WSW	.4	.4	.8	.7	.3	.1						2.7	10.2
W	1.2	1.1	1.7	1.3	.5	.1						5.8	8.7
WNW	.7	.9	1.7	1.7	.6	.1	.0					5.8	10.2
NW	1.3	1.2	2.9	4.0	2.3	.9	.1					12.8	12.1
NNW	.0	.7	1.8	2.8	2.4	1.6	.3	.0				10.2	14.6
VARBL													
CALM												4.7	
	7.4	8.9	18.6	22.1	13.0	12.7	7.0	2.5	.3	.0	.0	100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 13401

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

GETTING VERSUS VISIBILITY

There is a planning part and a data part. Distribution by class of selling from zero to equal to or greater than 10,000 feet units is a separate class "no selling", versus visibility in 10 classes from zero to greater than 10 miles. Data are derived from hourly observations, and three sets of tables are prepared and printed.

1. 100000 - all years and all hours combined
2. 100000 - all years and all hours combined
3. 100000 - 8 standard 8-hour periods

When used in this presentation, it is possible to determine the percentage frequency of sound, or of sound and color, or of sound and color and visibility separately, or in combination of sound and visibility. The sound frequency is to the right and downward. Coiling may be determined independently by re-terminating the line on the extreme right hand column. Also, visibility may be determined independently by re-terminating the line on the first row of initials at the bottom of the page. The percentage frequency for which the sound and color and visibility may be determined may be determined from the figure at the intersection of the sound and color and visibility row. Several examples in the use of these tables are shown in the following pages.

U.S. Navy stations did not report ceilings within the range 10,000 feet and higher prior to 1947. The first data for these stations using the earlier pattern and data base, went back to 1947. The first ceiling was 10,000 feet. Short periods of records prior to 1947 were obtained from the National Climatic Data Center for Air Force stations, the "no ceiling" category for the period 1947-1949, and ceilings above 10,000 feet for period through June 1946. The data for the three stations and January 1947 for USWB and U. S. Navy stations the "no ceiling" category. The data for the three stations with less than 5/10 total sky cover and those cases where total sky cover was 5/10 but less than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING AND VISIBILITY TABLES IN THIS TRANSLATION

CEILING	VISIBILITY (MILES)									
	10	8	6	4	2	1	0.5	0.25	0.125	0.0625
1500	92.6	91.0	89.4	87.8	86.2	84.6	83.0	81.4	79.8	78.2
1200	91.0	89.4	87.8	86.2	84.6	83.0	81.4	79.8	78.2	76.6
900	89.4	87.8	86.2	84.6	83.0	81.4	79.8	78.2	76.6	75.0
600	87.8	86.2	84.6	83.0	81.4	79.8	78.2	76.6	75.0	73.4
300	86.2	84.6	83.0	81.4	79.8	78.2	76.6	75.0	73.4	71.8
0	84.6	83.0	81.4	79.8	78.2	76.6	75.0	73.4	71.8	70.2

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.3%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 98.9%.
Visibility ≥ 1 mile = 99.8%.

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING DIVISION
SECRET
AIR FORCE RESEARCH AND DEVELOPMENT

CEILING VERSUS VISIBILITY

STATION NAME: 17900 VISUAL TOWER LIGHT WPT STATION NAME: 57-66 YEARS: 4LL
MONTH: LL
HOURS: 1-17

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 0
IV 20000	7.0	47.4	43.7	44.0	40.4	43.6	47.5	48.4	4.4	49.5	49.9	49.9	51.7	51.7
IV 18000	6.1	43.0	44.3	43.6	47.1	47.3	40.7	49.2	49.2	50.2	50.7	50.7	51.5	51.5
IV 16000	6.2	43.5	44.9	44.1	47.7	47.9	49.5	49.5	49.6	50.9	51.6	51.6	52.2	52.2
IV 14000	6.0	43.6	45.0	46.3	47.6	48.0	49.4	49.4	50.0	51.1	51.5	51.5	52.4	52.4
IV 12000	5.0	44.1	45.5	46.7	46.3	48.5	49.2	50.3	50.5	51.6	52.1	52.1	53.0	53.0
IV 10000	4.4	44.3	45.8	47.0	44.7	48.9	50.2	50.7	50.9	52.0	52.5	52.5	53.4	53.4
IV 9000	6.0	43.2	45.0	47.9	49.6	49.5	51.0	51.5	51.9	53.0	53.5	53.5	54.4	54.4
IV 8000	6.0	43.6	47.3	48.6	50.3	50.5	52.0	52.5	52.6	53.0	54.3	54.4	55.3	55.3
IV 7000	6.1	47.3	47.4	50.3	52.3	52.6	54.4	54.4	54.6	55.1	56.6	56.7	57.7	57.7
IV 6000	6.3	49.6	51.3	52.9	54.9	55.2	56.7	57.0	57.6	59.1	59.7	59.7	60.9	61.0
IV 5000	6.4	50.4	52.2	53.7	55.9	56.1	57.2	58.4	58.7	60.2	60.6	60.6	62.0	62.1
IV 4500	6.4	51.1	53.0	54.0	56.7	57.0	58.7	59.2	59.5	61.1	61.6	61.7	62.9	63.0
IV 4000	6.1	51.4	53.2	54.8	56.9	57.2	59.0	59.7	59.8	61.3	61.9	62.0	63.2	63.3
IV 3500	6.4	52.4	54.2	55.9	58.0	58.3	60.1	60.9	60.9	62.3	63.1	63.1	64.4	64.5
IV 3000	6.4	52.5	54.3	56.5	58.7	59.0	60.8	61.6	61.6	63.2	63.8	63.8	65.1	65.2
IV 2500	6.4	52.6	54.4	56.6	58.8	59.1	60.9	61.7	61.7	63.3	63.9	63.9	65.2	65.3
IV 2000	6.4	52.7	54.5	56.7	58.9	59.2	61.0	61.8	61.8	63.4	64.0	64.0	65.3	65.4
IV 1800	6.4	52.8	54.6	56.8	59.0	59.3	61.1	61.9	61.9	63.5	64.1	64.1	65.4	65.5
IV 1600	6.4	52.9	54.7	56.9	59.1	59.4	61.2	62.0	62.0	63.6	64.2	64.2	65.5	65.6
IV 1400	6.4	53.0	54.8	57.0	59.2	59.5	61.3	62.1	62.1	63.7	64.3	64.3	65.6	65.7
IV 1200	6.4	53.1	54.9	57.1	59.3	59.6	61.4	62.2	62.2	63.8	64.4	64.4	65.7	65.8
IV 1000	6.4	53.2	55.0	57.2	59.4	59.7	61.5	62.3	62.3	63.9	64.5	64.5	65.8	65.9
IV 900	6.4	53.3	55.1	57.3	59.5	59.8	61.6	62.4	62.4	64.0	64.6	64.6	65.9	66.0
IV 800	6.4	53.4	55.2	57.4	59.6	59.9	61.7	62.5	62.5	64.1	64.7	64.7	66.0	66.1
IV 700	6.4	53.5	55.3	57.5	59.7	60.0	61.8	62.6	62.6	64.2	64.8	64.8	66.1	66.2
IV 600	6.4	53.6	55.4	57.6	59.8	60.1	61.9	62.7	62.7	64.3	64.9	64.9	66.2	66.3
IV 500	6.4	53.7	55.5	57.7	59.9	60.2	62.0	62.8	62.8	64.4	65.0	65.0	66.3	66.4
IV 400	6.4	53.8	55.6	57.8	60.0	60.3	62.1	62.9	62.9	64.5	65.1	65.1	66.4	66.5
IV 300	6.4	53.9	55.7	57.9	60.1	60.4	62.2	63.0	63.0	64.6	65.2	65.2	66.5	66.6
IV 200	6.4	54.0	55.8	58.0	60.2	60.5	62.3	63.1	63.1	64.7	65.3	65.3	66.6	66.7
IV 100	6.4	54.1	55.9	58.1	60.3	60.6	62.4	63.2	63.2	64.8	65.4	65.4	66.7	66.8
IV 0	6.4	54.2	56.0	58.2	60.4	60.7	62.5	63.3	63.3	64.9	65.5	65.5	66.8	66.9

TOTAL NUMBER OF OBSERVATIONS 63731

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901

RESTRICTED 401 UNIT 421

57-66

STATION

STATION NAME

YEARS

JAN

MONTH

LL

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	41.0	49.6	52.0	54.2	57.1	58.0	60.7	62.3	62.4	63.9	67.3	67.4	69.9	70.0	71.3	71.8
≥ 20000	41.9	49.6	52.1	54.4	57.7	58.1	61.2	62.6	62.6	66.1	67.3	67.6	70.2	70.2	71.3	72.0
IV 18000	42.2	50.1	52.5	54.7	58.1	58.3	61.5	62.9	62.9	66.4	67.9	67.9	70.5	70.5	71.3	72.3
IV 16000	42.3	50.1	52.5	54.7	58.1	58.3	61.5	62.9	62.9	66.4	67.9	68.0	70.5	70.5	71.3	72.4
IV 14000	42.4	50.3	52.7	54.9	58.3	58.7	61.8	63.2	63.2	66.7	68.2	68.2	71.0	71.0	72.4	72.9
IV 12000	42.4	50.3	52.7	55.0	58.4	58.8	61.7	63.3	63.3	66.8	68.3	68.4	71.1	71.1	72.5	73.0
IV 10000	42.5	50.5	52.9	55.1	58.5	59.0	62.1	63.5	63.5	67.1	68.5	68.5	71.3	71.3	72.9	73.3
IV 9000	42.6	50.9	53.4	55.7	59.1	59.3	62.7	64.1	64.2	67.7	69.2	69.2	72.0	72.0	73.4	74.0
IV 8000	43.0	51.9	54.6	57.1	60.7	61.2	64.5	65.9	66.0	69.6	71.2	71.2	74.0	74.0	75.0	76.2
IV 7000	44.5	53.4	56.1	58.7	62.4	62.9	66.4	68.0	68.0	71.9	73.6	73.7	76.6	76.7	78.3	79.0
IV 6000	44.9	54.1	56.9	59.5	63.2	63.7	67.2	68.8	68.8	72.8	74.4	74.5	77.5	77.6	79.4	80.1
IV 5000	45.1	54.4	57.1	59.7	63.4	63.9	67.4	69.1	69.1	73.2	74.8	74.9	77.9	78.0	79.8	80.5
IV 4500	45.1	54.4	57.1	59.7	63.4	64.0	67.5	69.1	69.1	73.2	74.9	75.0	77.9	78.0	79.8	80.5
IV 4000	45.4	55.0	57.7	60.4	64.1	64.7	68.2	69.8	69.8	74.0	75.6	75.6	78.8	78.8	80.6	81.5
IV 3500	45.5	55.2	58.0	60.7	64.4	64.9	68.5	70.2	70.2	74.3	76.0	76.2	79.2	79.2	81.2	82.0
IV 3000	45.6	55.5	58.4	61.2	65.1	65.8	69.6	71.3	71.3	75.7	77.6	77.7	80.9	81.0	82.9	83.7
IV 2500	45.8	56.0	59.0	62.0	66.0	66.6	70.5	72.3	72.3	76.9	78.8	79.0	82.1	82.2	84.1	85.0
IV 2000	47.0	57.6	61.1	64.4	68.7	69.4	73.6	75.4	75.5	80.4	82.4	82.5	85.7	85.8	87.6	88.6
IV 1800	47.1	57.9	61.2	64.4	68.7	69.4	73.7	75.5	75.6	80.4	82.4	82.5	85.8	85.9	87.7	88.7
IV 1500	47.7	59.0	62.5	65.2	70.6	71.3	75.6	77.3	77.6	82.7	84.7	84.9	88.2	88.3	90.4	91.2
IV 1200	47.9	59.1	62.6	65.4	70.7	71.4	75.6	77.7	77.7	82.9	84.9	85.0	88.4	88.5	90.6	91.4
IV 1000	47.9	59.3	62.9	66.7	71.2	71.9	76.3	78.3	78.3	83.6	85.7	85.8	89.2	89.3	91.5	92.4
IV 900	47.9	59.3	62.9	66.7	71.2	72.0	76.4	78.4	78.5	83.8	85.9	86.0	89.7	89.8	91.9	93.0
IV 800	48.0	59.5	63.1	66.9	71.3	72.2	76.7	78.7	78.8	84.2	86.3	86.4	90.1	90.2	92.4	93.4
IV 700	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 600	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 500	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 400	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 300	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 200	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 100	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5
IV 0	48.0	59.5	63.1	67.0	71.3	72.3	76.7	78.7	78.8	84.2	86.4	86.5	90.1	90.3	92.5	93.5

TOTAL NUMBER OF OBSERVATIONS

4935

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE BAY OUT 401
STATION NAME

37-60
YEARS

1 to
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (L.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	50.9	53.1	55.0	50.7	59.3	61.0	62.9	63.0	65.6	66.0	66.9	69.3	69.7	71.0	72.1
≥ 20000	43.1	51.4	53.6	56.2	59.4	59.6	62.3	63.4	63.5	66.2	67.3	67.5	69.9	70.2	71.0	72.7
≥ 18000	43.2	51.4	53.7	56.3	59.5	59.9	62.3	63.6	63.7	66.3	67.5	67.7	70.1	70.5	71.0	72.9
≥ 16000	43.3	51.5	53.8	56.4	59.7	60.1	62.4	63.7	63.8	66.5	67.7	67.8	70.3	70.6	72.0	73.1
≥ 14000	43.3	51.7	54.0	56.6	59.9	60.4	63.0	64.1	64.2	67.0	68.1	68.3	70.6	71.1	72.5	73.6
≥ 12000	43.5	51.8	54.1	56.7	60.0	60.5	63.2	64.3	64.4	67.2	68.3	68.5	71.0	71.3	72.7	73.8
≥ 10000	43.9	52.5	54.9	57.6	60.7	61.4	64.1	65.2	65.3	68.1	69.3	69.5	72.1	72.4	73.9	75.1
≥ 9000	44.3	53.0	55.4	58.2	61.7	62.2	64.7	66.1	66.1	69.1	70.3	70.4	73.2	73.5	75.0	76.2
≥ 8000	45.0	54.7	57.2	60.2	64.0	64.5	67.0	68.8	68.9	72.1	73.4	73.5	76.6	76.9	78.4	79.6
≥ 7000	46.0	55.4	59.1	62.4	66.0	67.2	70.5	71.8	71.9	75.0	77.1	77.3	81.3	81.6	83.2	84.6
≥ 6000	46.9	56.7	59.5	62.9	67.2	67.8	71.3	72.5	72.6	76.4	77.8	78.0	82.1	82.4	84.1	85.5
≥ 5000	47.0	56.9	59.6	63.0	67.4	68.0	71.4	72.6	72.9	76.6	78.1	78.3	82.4	82.7	84.3	85.8
≥ 4500	47.0	56.9	59.6	63.0	67.4	68.0	71.4	72.6	72.9	76.6	78.1	78.3	82.4	82.7	84.3	85.8
≥ 4000	47.2	57.2	60.0	63.4	67.9	68.5	71.9	73.3	73.4	77.3	78.7	78.9	83.0	83.4	85.0	86.5
≥ 3500	47.2	57.3	60.1	63.5	68.0	68.6	72.0	73.5	73.6	77.4	78.9	79.1	83.2	83.5	85.2	86.6
≥ 3000	47.3	57.7	60.6	64.1	68.6	69.2	72.1	74.2	74.3	78.1	79.6	79.8	84.0	84.3	86.0	87.5
≥ 2500	47.7	58.2	61.3	64.9	69.6	70.2	73.6	75.3	75.4	79.5	81.0	81.2	85.4	85.7	87.4	88.8
≥ 2000	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 1800	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 1500	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 1200	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 1000	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 900	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 800	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 700	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 600	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 500	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 400	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 300	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 200	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 100	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4
≥ 0	48.5	59.5	63.0	66.9	72.1	72.8	76.8	78.5	78.6	83.2	84.9	85.1	89.6	90.0	91.6	93.4

TOTAL NUMBER OF OBSERVATIONS

4311

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAF ETAC
WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

17901 RESOLUTE PT JPL APT
STATION STATION NAME

57-66
YEARS

AK
MONTH

LL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	40.9	57.1	59.7	62.5	65.4	68.2	69.0	70.0	70.1	71.7	72.3	72.5	73.5	74.7	74.5	74.6
≥ 20000	47.1	57.3	60.0	62.0	66.2	66.6	68.4	70.4	70.5	72.2	73.0	73.0	73.9	74.1	74.7	75.1
IV 18000	47.5	57.7	60.5	63.3	66.7	67.1	69.9	70.8	70.9	72.7	73.0	73.4	74.6	74.8	75.7	75.9
IV 16000	47.5	57.6	60.5	63.4	66.7	67.1	69.9	70.9	71.0	72.8	73.0	73.6	74.7	74.9	75.9	75.9
IV 14000	47.0	58.2	61.0	63.9	67.3	67.7	70.0	71.6	71.7	73.6	74.5	74.5	75.6	75.8	76.7	76.9
IV 12000	47.8	58.6	61.5	64.4	67.9	68.3	71.2	72.3	72.4	74.4	75.3	75.3	76.4	76.6	77.5	77.7
IV 10000	48.2	59.2	62.1	65.0	68.0	69.0	71.9	73.0	73.1	75.2	76.1	76.1	77.2	77.4	78.3	78.4
IV 9000	48.2	59.3	62.3	65.2	68.9	69.3	72.2	73.4	73.5	75.6	76.5	76.5	77.7	77.9	78.9	79.1
IV 8000	49.0	60.6	63.0	66.8	70.5	71.1	74.5	75.7	75.9	78.1	79.1	79.1	80.7	81.0	82.1	82.4
IV 7000	49.5	62.0	65.3	68.6	73.0	73.5	77.3	78.8	79.0	81.5	82.5	82.5	84.5	84.8	86.2	86.5
IV 6000	49.7	62.5	65.9	69.3	73.8	74.3	78.2	79.9	80.0	82.7	83.9	83.9	86.1	86.4	87.8	88.4
IV 5000	49.9	62.6	66.2	69.6	74.1	74.6	78.5	80.2	80.3	83.0	84.2	84.2	86.4	86.7	88.1	88.8
IV 4500	49.9	62.6	66.2	69.7	74.2	74.7	78.6	80.2	80.4	83.0	84.2	84.2	86.5	86.8	88.2	88.6
IV 4000	49.9	62.6	66.4	70.0	74.5	75.1	79.0	80.6	80.8	83.5	84.7	84.7	86.9	87.2	88.6	89.4
IV 3500	50.0	63.0	66.5	70.0	74.7	75.2	79.2	80.9	81.1	83.8	85.0	85.1	87.3	87.6	89.1	89.7
IV 3000	50.2	63.4	66.9	70.6	75.4	76.0	80.1	81.9	82.1	84.8	86.0	86.1	88.6	88.9	90.4	91.1
IV 2500	50.3	63.5	67.1	70.9	75.8	76.4	80.5	82.3	82.5	85.3	86.6	86.6	89.1	89.5	90.9	91.6
IV 2000	50.6	64.1	67.7	71.7	76.7	77.3	81.0	83.4	83.7	86.6	87.9	88.0	90.6	91.0	92.5	93.2
IV 1800	50.6	64.1	67.7	71.7	76.8	77.4	81.7	83.5	83.8	86.7	88.0	88.0	90.6	91.0	92.5	93.7
IV 1500	50.7	64.4	68.0	72.1	77.3	78.0	82.4	84.4	84.6	87.8	89.3	89.3	92.0	92.4	94.0	94.6
IV 1200	50.8	64.4	68.0	72.2	77.5	78.1	82.6	84.6	84.8	88.0	89.5	89.6	92.3	92.7	94.4	95.1
IV 1000	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.0	85.3	88.9	90.5	90.6	93.4	93.9	95.7	96.4
IV 900	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.0	85.3	88.9	90.6	90.6	93.6	94.0	95.9	97.0
IV 800	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.0	85.3	89.0	90.7	90.8	93.7	94.2	96.1	97.2
IV 700	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.1	85.4	89.1	90.7	90.8	93.8	94.3	96.2	97.4
IV 600	50.8	64.5	68.2	72.4	77.7	78.4	83.0	85.1	85.4	89.2	90.8	90.9	93.9	94.5	96.5	97.7
IV 500	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	90.9	94.0	94.6	96.6	97.9
IV 400	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	90.9	94.0	94.7	96.7	98.0
IV 300	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	91.0	94.1	94.8	96.9	98.3
IV 200	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	91.0	94.2	94.8	97.0	98.0
IV 100	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	91.0	94.2	94.8	97.1	99.2
IV 0	50.8	64.5	68.2	72.4	77.7	78.4	83.1	85.1	85.4	89.2	90.9	91.0	94.2	94.8	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS

4950

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

SENDERE 001 001 APT
STATION NAME

57-60
YEARS

PK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

111
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	51.2	59.8	62.3	64.0	66.0	67.3	69.0	70.9	71.0	72.0	72.4	72.5	72.6	72.7	72.9	73.0
≥ 20000	51.0	60.6	63.3	65.1	68.0	68.5	71.1	72.3	72.4	73.5	73.9	74.0	74.1	74.2	74.4	74.6
≥ 18000	52.1	61.3	63.7	65.8	68.0	69.3	72.2	73.4	73.6	74.8	75.2	75.2	75.5	75.6	75.4	76.1
≥ 16000	52.4	61.6	64.3	66.2	69.2	69.7	72.6	73.9	74.1	75.3	75.7	75.7	76.0	76.1	76.4	76.6
≥ 14000	53.1	62.4	65.2	67.1	70.1	70.6	73.0	74.9	75.1	76.4	76.8	76.9	77.2	77.2	77.1	77.8
≥ 12000	53.2	62.6	65.3	67.3	70.4	71.0	73.9	75.4	75.6	76.9	77.4	77.5	77.8	77.9	78.2	78.5
≥ 10000	53.9	63.1	65.9	67.9	71.1	71.8	74.6	76.4	76.5	78.0	78.5	78.6	78.9	79.0	79.3	79.6
≥ 9000	54.0	63.7	66.0	68.6	71.4	72.5	75.0	77.2	77.4	78.9	79.5	79.6	79.9	79.9	80.3	80.6
≥ 8000	54.0	64.0	66.1	70.3	73.4	74.5	77.9	79.7	79.8	81.5	82.2	82.4	82.6	82.7	83.1	83.3
≥ 7000	55.1	65.5	68.9	71.2	75.3	76.0	79.7	81.7	81.9	84.4	85.3	85.4	85.9	86.0	86.5	87.0
≥ 6000	55.3	65.8	69.3	71.6	75.9	76.6	80.4	82.6	82.7	85.4	86.4	86.5	87.0	87.1	87.7	88.2
≥ 5000	55.4	66.0	69.5	71.8	76.2	76.9	80.8	83.0	83.1	85.8	86.8	86.9	87.4	87.5	88.1	88.6
≥ 4500	55.4	66.1	69.6	71.9	76.3	77.0	80.9	83.1	83.2	85.9	86.9	87.0	87.5	87.6	88.3	88.8
≥ 4000	55.6	66.4	69.9	72.3	76.7	77.5	81.4	83.6	83.7	86.5	87.5	87.6	88.1	88.2	89.0	89.5
≥ 3500	55.7	66.5	70.1	72.5	77.1	77.9	81.9	84.1	84.2	87.0	88.0	88.1	88.6	88.7	89.5	90.1
≥ 3000	56.0	66.9	70.7	73.2	78.0	78.9	83.0	85.3	85.4	88.6	89.7	89.8	90.4	90.5	91.4	92.0
≥ 2500	56.1	67.2	71.0	73.5	78.6	79.5	83.6	86.1	86.3	89.6	90.6	90.7	91.4	91.5	92.4	93.0
≥ 2000	56.6	67.6	71.6	74.5	79.8	80.8	85.1	87.8	88.0	91.5	92.5	92.7	93.3	93.4	94.4	95.1
≥ 1800	56.7	67.9	71.8	74.6	79.9	80.9	85.3	88.0	88.2	91.6	92.7	92.8	93.5	93.6	94.5	95.2
≥ 1500	56.8	68.1	72.0	74.9	80.2	81.3	85.6	88.3	88.8	92.4	93.6	93.8	94.5	94.6	95.6	96.3
≥ 1200	56.8	68.3	72.2	75.1	80.5	81.5	86.0	88.9	89.1	92.8	94.0	94.2	94.9	95.0	96.0	96.7
≥ 1000	56.9	68.4	72.3	75.2	80.7	81.7	86.4	89.4	89.7	93.4	94.7	94.9	95.8	96.0	97.0	98.0
≥ 900	56.9	68.6	72.3	75.3	80.7	81.8	86.4	89.5	89.8	93.5	94.8	95.0	95.9	96.1	97.1	98.2
≥ 800	56.9	68.6	72.3	75.3	80.8	81.8	86.5	89.6	89.8	93.6	95.0	95.2	96.2	96.4	97.4	98.5
≥ 700	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.7	95.1	95.3	96.3	96.5	97.5	98.7
≥ 600	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.2	95.4	96.4	96.6	97.7	98.9
≥ 500	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.5	96.7	97.9	99.1
≥ 400	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.5	96.7	97.9	99.1
≥ 300	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.5	96.8	97.9	99.2
≥ 200	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.6	96.8	98.0	99.3
≥ 100	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.4	96.6	96.8	98.0	99.4
≥ 0	56.9	68.5	72.4	75.3	80.8	81.8	86.5	89.6	89.9	93.8	95.3	95.5	96.6	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

4800

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NASC DILL APT
STATION NAME

57-66
YEARS

11
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

4.11
HOURS (L & T)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	33.0	40.1	40.6	41.2	41.3	41.9	42.4	42.5	42.5	42.9	43.0	43.1	43.4	43.4	43.7	43.9
IV 20000	39.1	41.3	41.7	42.5	43.1	43.2	43.7	43.9	43.9	44.2	44.3	44.4	44.8	44.8	45.0	45.2
IV 18000	37.0	42.0	42.5	43.2	43.3	43.9	44.4	44.6	44.6	45.0	45.1	45.2	45.0	45.6	45.0	46.1
IV 16000	39.0	42.7	42.8	43.4	44.0	44.1	44.7	44.8	44.8	45.4	45.5	45.5	46.0	46.0	46.4	46.5
IV 14000	40.3	42.8	43.4	44.1	44.7	44.8	45.4	45.5	45.5	46.0	46.2	46.2	46.7	46.7	46.7	47.2
IV 12000	40.7	43.2	43.8	44.6	45.2	45.3	45.8	46.0	46.0	46.6	46.7	46.7	47.2	47.2	47.4	47.7
IV 10000	41.6	43.4	44.5	45.2	45.8	45.9	46.5	46.7	46.7	47.2	47.4	47.4	47.9	47.9	48.1	48.4
IV 9000	41.6	44.4	45.1	45.8	46.5	46.6	47.1	47.3	47.3	47.9	48.1	48.2	48.6	48.7	48.9	49.1
IV 8000	42.8	45.8	46.6	47.3	48.0	48.1	48.8	49.1	49.1	49.7	49.9	50.0	50.5	50.5	50.7	51.0
IV 7000	43.1	46.5	47.5	50.4	51.3	51.3	52.3	52.6	52.6	53.3	53.3	53.6	54.2	54.3	54.5	54.8
IV 6000	45.8	49.5	50.6	51.5	52.5	52.6	53.5	53.8	53.8	54.6	54.9	54.9	55.6	55.6	55.9	56.1
IV 5000	40.5	50.3	51.4	52.4	53.4	53.5	54.4	54.8	54.8	55.6	55.6	55.7	56.6	56.6	56.8	57.1
IV 4500	40.7	50.5	51.6	52.6	53.6	53.8	54.7	55.0	55.0	55.9	56.1	56.2	56.9	56.9	57.1	57.4
IV 4000	47.8	51.7	52.8	53.9	54.9	55.1	56.1	56.4	56.4	57.3	57.5	57.8	58.3	58.4	58.6	58.9
IV 3500	48.8	52.8	54.0	55.1	56.2	56.3	57.4	57.7	57.7	58.6	58.8	58.9	59.6	59.7	59.9	60.2
IV 3000	51.3	55.6	56.8	58.1	59.4	59.6	60.7	61.1	61.1	62.1	62.3	62.4	63.1	63.2	63.4	63.7
IV 2500	53.9	58.7	60.1	61.4	62.8	63.0	64.2	64.7	64.7	65.9	66.2	66.3	67.1	67.2	67.5	67.7
IV 2000	57.3	62.4	64.0	65.4	67.0	67.4	68.5	69.4	69.4	70.8	71.2	71.4	72.3	72.3	72.7	73.0
IV 1800	58.3	63.7	65.3	66.8	68.3	68.7	70.2	70.8	70.8	72.2	72.6	72.8	73.7	73.8	74.1	74.4
IV 1500	61.9	64.0	65.9	67.5	73.3	73.7	75.4	76.1	76.1	77.7	78.2	78.4	79.3	79.4	79.7	80.0
IV 1200	63.2	69.9	72.0	73.7	75.6	76.0	77.7	78.5	78.5	80.2	80.7	80.9	82.0	82.0	82.4	82.7
IV 1000	66.7	74.5	76.6	78.4	80.8	81.3	83.3	84.3	84.4	86.2	86.8	87.1	88.2	88.3	88.7	89.1
IV 900	67.6	75.4	77.6	79.4	81.9	82.4	84.4	85.3	85.3	87.4	88.0	88.3	89.5	89.5	90.0	90.3
IV 800	68.1	76.5	78.6	80.6	83.2	83.7	85.8	86.9	86.9	88.9	89.5	89.8	91.0	91.2	91.6	91.9
IV 700	68.5	76.9	79.2	81.2	83.7	84.3	86.5	87.5	87.6	89.5	90.2	90.5	91.8	91.9	92.4	92.8
IV 600	69.0	77.7	80.0	82.0	84.5	85.1	87.4	88.4	88.5	90.4	91.1	91.4	92.8	92.9	93.5	93.9
IV 500	69.4	78.2	80.6	82.6	85.3	85.9	88.2	89.3	89.4	91.5	92.2	92.6	94.0	94.2	94.8	95.2
IV 400	69.7	78.6	81.0	83.1	85.8	86.4	88.9	90.0	90.1	92.2	93.0	93.4	95.0	95.2	95.8	96.3
IV 300	70.1	79.1	81.6	83.7	86.5	87.1	89.6	90.8	90.8	93.2	94.0	94.4	96.1	96.3	97.0	97.7
IV 200	70.2	79.3	81.8	83.9	86.8	87.4	89.9	91.2	91.2	93.7	94.6	95.0	96.8	97.0	97.8	98.7
IV 100	70.3	79.3	81.8	84.0	86.9	87.5	90.0	91.3	91.3	93.9	94.7	95.1	97.1	97.3	98.3	99.4
IV 0	70.3	79.3	81.8	84.0	86.9	87.5	90.0	91.4	91.4	93.9	94.8	95.2	97.2	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3453

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1/7/61
STATION

STATION NAME

37-60

YEARS

MONTH

LL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.1	32.6	32.7	32.8	32.9	32.9	33.1	33.2	33.2	33.3	33.4	33.4	33.6	33.6	33.7	34.0
≥ 20000	32.7	33.2	33.4	33.5	33.6	33.6	33.8	33.8	33.8	34.0	34.1	34.1	34.3	34.3	34.4	34.7
IV 18000	33.0	34.3	34.5	34.6	34.7	34.7	34.9	35.0	35.0	35.2	35.3	35.3	35.4	35.4	35.6	35.8
IV 16000	33.4	34.4	34.6	34.7	34.7	34.9	35.0	35.1	35.1	35.3	35.4	35.4	35.6	35.6	35.7	36.0
IV 14000	34.4	35.6	35.8	35.9	36.1	36.1	36.3	36.4	36.4	36.6	36.7	36.7	36.9	36.9	37.0	37.3
IV 12000	35.1	35.8	36.0	36.2	36.4	36.4	36.5	36.6	36.6	36.8	36.9	36.9	37.1	37.1	37.3	37.6
IV 10000	36.0	36.6	36.9	37.0	37.2	37.2	37.3	37.3	37.5	37.5	37.8	37.9	38.1	38.1	38.2	38.5
IV 9000	36.8	37.6	37.8	38.0	38.2	38.2	38.4	38.5	38.5	38.8	38.9	38.9	39.0	39.1	39.2	39.5
IV 8000	38.5	39.3	39.6	39.8	40.0	40.0	40.2	40.3	40.3	40.6	40.7	40.7	40.8	40.9	41.0	41.3
IV 7000	41.6	42.5	42.9	43.0	43.2	43.2	43.3	43.3	43.5	43.8	43.9	43.9	44.1	44.2	44.3	44.6
IV 6000	43.1	44.0	44.4	44.6	44.8	44.8	45.0	45.1	45.1	45.4	45.5	45.5	45.7	45.7	45.9	46.2
IV 5000	43.7	44.6	45.1	45.2	45.3	45.3	45.7	45.8	45.8	46.1	46.2	46.2	46.4	46.4	46.6	46.9
IV 4500	43.8	44.8	45.2	45.4	45.6	45.6	45.7	46.0	46.0	46.3	46.4	46.4	46.6	46.6	46.7	47.0
IV 4000	45.7	46.7	47.1	47.3	47.6	47.6	47.7	48.0	48.0	48.3	48.4	48.4	48.6	48.6	48.8	49.1
IV 3500	46.4	47.4	47.9	48.1	48.4	48.4	48.7	48.8	48.8	49.1	49.2	49.2	49.4	49.4	49.6	49.9
IV 3000	48.1	49.3	49.8	50.1	50.4	50.4	50.7	50.8	50.8	51.1	51.2	51.2	51.4	51.4	51.6	51.9
IV 2500	50.0	51.3	51.8	52.1	52.4	52.4	52.8	52.9	52.9	53.2	53.3	53.3	53.6	53.6	53.7	54.0
IV 2000	53.2	54.7	55.3	55.7	56.2	56.2	56.6	56.7	56.8	57.1	57.2	57.2	57.4	57.4	57.6	57.9
IV 1800	53.5	55.2	55.7	56.2	56.6	56.6	57.1	57.3	57.3	57.6	57.8	57.8	58.0	58.0	58.2	58.5
IV 1500	57.9	60.2	60.9	61.5	62.2	62.4	63.0	63.3	63.3	63.7	63.8	63.8	64.1	64.1	64.3	64.6
IV 1200	61.0	64.0	64.8	65.3	66.3	66.3	67.3	67.6	67.6	68.2	68.3	68.3	68.6	68.6	68.8	69.1
IV 1000	67.4	71.1	72.1	72.9	74.2	74.4	75.4	75.9	75.9	76.6	76.8	76.8	77.1	77.1	77.3	77.6
IV 900	68.4	72.2	73.2	74.0	75.3	75.3	76.6	77.1	77.2	77.9	78.1	78.1	78.3	78.4	78.6	78.9
IV 800	70.8	74.7	75.7	76.7	78.2	78.3	79.7	80.2	80.3	81.1	81.3	81.3	81.5	81.6	81.8	82.1
IV 700	72.2	76.5	77.6	78.6	80.2	80.3	81.7	82.3	82.4	83.3	83.5	83.5	83.8	83.9	84.1	84.4
IV 600	73.5	78.1	79.2	80.4	82.0	82.4	83.7	84.3	84.3	85.7	85.9	85.9	86.3	86.4	86.6	86.9
IV 500	74.8	79.5	80.7	82.0	83.8	84.2	85.9	86.5	86.7	88.3	88.6	88.6	89.1	89.2	89.4	89.9
IV 400	75.2	80.4	81.7	83.1	85.1	85.5	87.1	88.0	88.2	90.0	90.4	90.5	91.1	91.3	91.5	92.2
IV 300	76.0	81.7	83.2	84.7	86.9	87.4	89.1	90.3	90.5	92.3	93.0	93.1	93.9	94.1	94.0	95.3
IV 200	76.5	82.3	83.8	85.3	87.7	88.2	90.1	91.5	91.7	93.9	94.5	94.6	95.6	95.8	96.0	97.8
IV 100	76.6	82.5	84.1	85.6	88.1	88.6	90.7	92.1	92.3	94.7	95.3	95.4	96.7	96.9	97.8	99.6
IV 0	76.6	82.5	84.1	85.6	88.1	88.6	90.7	92.1	92.3	94.7	95.3	95.4	96.7	97.0	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS

5279

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT UNIT APT
STATION NAME

57-66
YEARS

JUL
MONTH

LL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	32.0 33.7	33.0 34.1	33.2 34.3	33.3 34.4	33.3 34.4	33.3 34.4	33.4 34.5	33.5 34.6	33.5 34.6	33.7 34.8	33.7 34.8	33.7 34.8	33.8 35.0	33.8 35.0	33.9 35.0	33.9 35.0	34.0 35.1
IV 18000	34.5 34.5	35.0 35.0	35.2 35.2	35.2 35.3	35.3 35.4	35.3 35.4	35.4 35.5	35.5 35.6	35.5 35.6	35.7 35.7	35.7 35.8	35.7 35.8	35.9 35.9	35.9 35.9	35.9 35.9	35.9 35.9	36.1 36.1
IV 16000	35.2 35.0	35.6 36.2	35.9 36.5	35.9 36.5	36.0 36.6	36.0 36.6	36.1 36.7	36.2 36.8	36.2 36.8	36.4 37.0	36.4 37.0	36.4 37.0	36.5 37.2	36.5 37.2	36.6 37.2	36.6 37.2	36.7 37.4
IV 14000	37.4 38.0	37.8 39.1	38.1 39.3	38.1 39.4	38.3 39.5	38.3 39.5	38.4 39.6	38.5 39.8	38.5 39.8	38.7 40.0	38.7 40.0	38.7 40.0	38.9 40.1	38.9 40.1	38.9 40.2	38.9 40.2	39.1 40.3
IV 10000	42.2 43.5	42.7 46.2	42.9 46.4	43.0 46.5	43.1 46.6	43.1 46.6	43.2 46.7	43.3 46.8	43.3 46.8	43.5 47.0	43.5 47.0	43.6 47.1	43.7 47.2	43.7 47.2	43.7 47.3	43.8 47.3	43.9 47.4
IV 8000	46.7 48.0	47.4 48.7	47.7 49.0	47.7 49.0	47.9 49.2	47.9 49.2	48.0 49.3	48.1 49.4	48.1 49.4	48.3 49.6	48.4 49.7	48.4 49.7	48.5 49.8	48.5 49.8	48.5 49.9	48.6 49.9	48.7 50.0
IV 6000	50.8 50.6	51.5 51.4	51.8 51.6	51.8 51.7	51.9 51.9	51.9 51.9	52.0 52.0	52.1 52.1	52.1 52.1	52.3 52.3	52.4 52.4	52.4 52.4	52.5 52.5	52.5 52.5	52.5 52.5	52.6 52.6	52.7 52.7
IV 4500	51.8 55.1	52.6 57.0	52.8 58.2	52.9 58.3	53.1 58.5	53.1 58.5	53.2 58.6	53.4 58.8	53.4 58.8	53.6 57.1	53.7 57.2	53.7 57.2	53.8 57.3	53.8 57.3	53.9 57.3	53.9 57.4	54.1 57.6
IV 3500	57.6 60.7	58.6 61.9	58.8 62.3	58.9 62.4	59.2 62.7	59.2 62.7	59.3 62.8	59.5 63.0	59.5 63.0	59.9 63.5	60.0 63.6	60.0 63.6	60.2 63.8	60.2 63.8	60.2 63.8	60.3 63.9	60.5 64.1
IV 2500	61.2 63.4	62.3 65.6	62.7 66.0	62.8 66.3	63.1 66.3	63.1 66.3	63.3 66.5	63.5 66.7	63.5 66.7	63.9 67.2	64.1 67.4	64.1 67.4	64.2 67.7	64.2 67.7	64.2 67.7	64.3 67.9	64.6 68.0
IV 1800	64.9 68.1	66.5 70.3	67.0 70.8	67.2 71.2	67.6 71.6	67.6 71.6	67.7 71.8	68.0 72.3	68.0 72.3	68.6 73.1	68.6 73.4	68.6 73.4	68.8 73.8	68.8 73.8	69.1 73.9	69.1 74.1	69.5 74.4
IV 1500	68.7 70.2	71.0 72.6	71.5 73.4	71.7 73.8	72.0 74.5	72.0 74.5	72.7 74.9	73.2 75.2	73.2 75.2	74.0 76.0	74.3 76.4	74.4 76.4	74.8 76.9	74.8 76.9	74.9 77.2	75.1 77.2	75.3 77.5
IV 900	71.1 71.9	74.0 74.9	74.6 75.5	75.0 75.9	75.6 76.6	75.6 76.6	76.2 77.4	76.6 77.6	76.6 77.6	77.5 78.6	77.9 79.0	77.9 79.0	78.4 79.7	78.4 79.7	78.4 80.1	78.7 80.5	79.0 80.5
IV 700	72.7 73.0	76.1 77.2	76.8 78.1	77.3 78.6	78.4 79.9	78.4 79.9	78.9 80.0	79.3 81.1	79.3 81.1	80.6 82.4	81.1 83.1	81.2 83.2	82.0 84.1	82.1 84.3	82.8 85.1	83.2 85.8	83.5 86.7
IV 500	74.6 75.5	78.5 79.4	79.7 80.6	80.2 81.3	81.8 82.9	81.8 82.9	82.6 83.0	83.1 84.5	83.2 84.6	84.9 86.6	85.8 87.7	86.0 87.0	87.3 89.5	87.5 89.7	88.5 91.5	89.5 94.0	89.7 97.3
IV 300	75.4 75.4	79.6 79.6	80.9 80.9	81.6 81.6	83.4 83.4	83.5 83.5	84.5 84.5	85.2 85.2	85.3 85.3	87.6 87.6	88.7 88.7	88.9 88.9	90.9 91.2	91.2 91.5	93.4 94.2	97.3 100.0	
IV 200																	
IV 100																	
IV 0																	

TOTAL NUMBER OF OBSERVATIONS 3456

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

17903
STATION

RESOLUTE PT AFB API
STATION NAME

57-66
YEARS

MONTH

6
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.2	21.0	21.7	21.7	21.1	21.9	21.9	21.9	21.9	22.0	22.1	22.1	22.5	22.5	22.4	22.7
≥ 25000	22.3	22.0	22.8	22.7	23.0	23.0	23.1	23.2	23.2	23.4	23.5	23.5	23.6	23.6	23.5	24.1
IV 18000	23.0	23.0	23.7	23.7	23.1	23.8	24.0	24.1	24.1	24.2	24.3	24.3	24.7	24.7	24.9	25.0
IV 16000	23.2	23.7	23.8	23.7	24.0	24.0	24.1	24.2	24.2	24.4	24.5	24.5	24.8	24.8	25.0	25.1
IV 14000	23.5	24.1	24.1	24.1	24.3	24.3	24.4	24.5	24.5	24.7	24.8	24.8	25.1	25.2	25.3	25.4
IV 12000	24.1	24.7	24.7	24.8	24.9	24.9	25.1	25.2	25.2	25.3	25.4	25.4	25.8	25.8	25.7	26.1
IV 10000	25.0	26.5	26.6	26.7	26.8	26.8	27.0	27.1	27.1	27.3	27.4	27.4	27.8	27.8	28.0	28.1
IV 9000	26.7	27.5	27.6	27.7	27.9	27.9	28.1	28.2	28.2	28.3	28.5	28.5	28.9	28.9	29.1	29.2
IV 8000	28.9	29.7	29.9	30.0	30.2	30.2	30.4	30.5	30.5	30.7	30.8	30.8	31.2	31.2	31.4	31.6
IV 7000	32.0	33.3	33.5	33.7	33.9	33.9	34.1	34.2	34.2	34.4	34.5	34.5	34.9	34.9	35.1	35.3
IV 6000	33.1	34.4	34.6	34.9	35.1	35.1	35.3	35.4	35.4	35.6	35.7	35.7	36.1	36.1	36.3	36.5
IV 5000	34.9	36.3	36.6	36.8	37.0	37.0	37.2	37.4	37.4	37.6	37.7	37.7	38.1	38.1	38.3	38.5
IV 4500	35.5	37.0	37.2	37.5	37.7	37.7	37.9	38.0	38.0	38.2	38.4	38.4	38.8	38.8	39.0	39.2
IV 4000	37.1	38.6	38.9	39.1	39.4	39.4	39.6	39.7	39.7	39.9	40.0	40.0	40.4	40.5	40.7	40.9
IV 3500	37.9	39.5	39.3	40.1	40.3	40.3	40.5	40.7	40.7	40.9	41.0	41.0	41.4	41.5	41.7	41.9
IV 3000	40.2	42.8	43.1	43.5	43.5	43.8	44.1	44.3	44.3	44.5	44.7	44.7	45.1	45.1	45.3	45.6
IV 2500	43.4	45.6	46.0	46.4	46.9	46.9	47.2	47.4	47.4	47.6	47.8	47.8	48.2	48.2	48.5	48.7
IV 2000	47.1	49.9	50.5	50.9	51.5	51.5	51.9	52.1	52.1	52.4	52.6	52.6	53.0	53.1	53.3	53.6
IV 1800	47.5	50.4	50.9	51.4	52.0	52.0	52.4	52.6	52.6	52.9	53.1	53.1	53.5	53.5	53.8	54.1
IV 1500	52.9	56.7	57.5	58.2	59.0	59.1	59.6	59.8	59.8	60.1	60.3	60.3	60.8	60.8	61.2	61.5
IV 1200	55.1	59.4	60.3	61.0	62.1	62.2	62.7	62.9	62.9	63.3	63.4	63.5	64.0	64.0	64.3	64.7
IV 1000	60.2	65.4	66.7	67.6	68.9	69.0	69.7	69.9	69.9	70.4	70.6	70.7	71.2	71.3	71.6	72.0
IV 900	60.7	65.9	67.4	68.3	69.6	69.8	70.5	70.7	70.7	71.2	71.4	71.4	72.0	72.1	72.4	72.9
IV 800	62.5	66.4	70.0	71.0	72.4	72.6	73.4	73.6	73.6	74.2	74.4	74.5	75.1	75.2	75.5	76.0
IV 700	63.6	69.8	71.5	72.6	74.1	74.3	75.1	75.3	75.4	75.9	76.2	76.3	77.0	77.1	77.4	77.9
IV 600	64.9	71.4	73.2	74.6	76.2	76.3	77.3	77.6	77.6	78.2	78.5	78.6	79.4	79.4	79.9	80.4
IV 500	65.8	73.0	74.9	76.4	78.3	78.5	79.7	80.1	80.1	80.9	81.4	81.4	82.3	82.4	83.0	83.6
IV 400	67.0	74.5	76.6	78.3	80.3	80.5	82.2	82.6	82.7	83.7	84.3	84.3	85.5	85.6	86.4	87.1
IV 300	67.8	75.5	77.9	79.9	82.5	82.6	84.0	85.2	85.3	86.8	87.6	87.7	89.3	89.4	90.9	91.8
IV 200	68.5	76.4	79.0	81.2	84.0	84.3	86.7	87.6	87.6	89.5	90.5	90.6	92.8	93.0	94.6	96.3
IV 100	68.5	76.6	79.5	81.5	84.5	84.7	87.2	88.1	88.2	90.3	91.4	91.5	93.8	94.0	96.2	98.6
IV 0	68.5	76.6	79.5	81.5	84.5	84.7	87.2	88.1	88.2	90.3	91.4	91.5	93.9	94.1	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3435

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

RESULTS OF 1000 HOURS
STATION NAME

57-66
YEARS

11
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.1	23.1	23.4	23.5	23.6	23.7	23.7	23.9	23.9	24.1	24.1	24.1	24.4	24.4	24.4	24.7
≥ 20000	22.3	23.9	24.2	24.3	24.6	24.7	24.8	24.9	24.9	25.1	25.1	25.2	25.4	25.4	25.6	25.7
≥ 18000	23.0	24.2	24.4	24.6	24.9	24.9	25.1	25.2	25.2	25.4	25.4	25.4	25.7	25.7	25.9	25.9
≥ 16000	23.0	24.2	24.4	24.6	24.9	24.9	25.1	25.2	25.2	25.4	25.4	25.4	25.7	25.7	25.9	25.9
≥ 14000	23.2	24.5	24.7	24.8	25.2	25.2	25.4	25.4	25.4	25.6	25.6	25.7	25.7	25.9	26.2	26.2
≥ 12000	23.4	24.6	24.9	25.0	25.4	25.4	25.5	25.6	25.6	25.8	25.8	25.9	26.1	26.1	26.3	26.4
≥ 10000	24.4	25.8	26.0	26.2	26.5	26.6	26.7	26.8	26.8	27.0	27.1	27.1	27.3	27.3	27.6	27.7
≥ 9000	25.2	26.7	27.0	27.1	27.4	27.5	27.7	27.7	27.7	28.0	28.0	28.0	28.3	28.3	28.5	28.6
≥ 8000	27.4	29.0	29.3	29.5	29.8	29.8	30.1	30.1	30.1	30.4	30.4	30.4	30.7	30.7	30.9	31.0
≥ 7000	29.5	31.3	31.7	32.0	32.3	32.4	32.6	32.7	32.7	33.0	33.0	33.0	33.3	33.3	33.5	33.7
≥ 6000	32.5	34.5	35.0	35.4	35.8	35.9	36.2	36.3	36.3	36.7	36.8	36.8	37.1	37.1	37.3	37.4
≥ 5000	34.5	36.6	37.1	37.4	37.8	37.9	38.2	38.3	38.3	38.7	38.8	38.8	39.1	39.1	39.3	39.4
≥ 4500	36.5	38.6	39.1	39.4	39.8	39.9	40.2	40.3	40.3	40.7	40.8	40.8	41.1	41.1	41.3	41.4
≥ 4000	38.5	40.6	41.1	41.4	41.8	41.9	42.2	42.3	42.3	42.7	42.8	42.8	43.1	43.1	43.3	43.4
≥ 3500	40.5	42.6	43.1	43.4	43.8	43.9	44.2	44.3	44.3	44.7	44.8	44.8	45.1	45.1	45.3	45.4
≥ 3000	42.5	44.6	45.1	45.4	45.8	45.9	46.2	46.3	46.3	46.7	46.8	46.8	47.1	47.1	47.3	47.4
≥ 2500	44.5	46.6	47.1	47.4	47.8	47.9	48.2	48.3	48.3	48.7	48.8	48.8	49.1	49.1	49.3	49.4
≥ 2000	46.5	48.6	49.1	49.4	49.8	49.9	50.2	50.3	50.3	50.7	50.8	50.8	51.1	51.1	51.3	51.4
≥ 1800	48.5	50.6	51.1	51.4	51.8	51.9	52.2	52.3	52.3	52.7	52.8	52.8	53.1	53.1	53.3	53.4
≥ 1500	50.5	52.6	53.1	53.4	53.8	53.9	54.2	54.3	54.3	54.7	54.8	54.8	55.1	55.1	55.3	55.4
≥ 1200	52.5	54.6	55.1	55.4	55.8	55.9	56.2	56.3	56.3	56.7	56.8	56.8	57.1	57.1	57.3	57.4
≥ 1000	54.5	56.6	57.1	57.4	57.8	57.9	58.2	58.3	58.3	58.7	58.8	58.8	59.1	59.1	59.3	59.4
≥ 900	56.5	58.6	59.1	59.4	59.8	59.9	60.2	60.3	60.3	60.7	60.8	60.8	61.1	61.1	61.3	61.4
≥ 800	58.5	60.6	61.1	61.4	61.8	61.9	62.2	62.3	62.3	62.7	62.8	62.8	63.1	63.1	63.3	63.4
≥ 700	60.5	62.6	63.1	63.4	63.8	63.9	64.2	64.3	64.3	64.7	64.8	64.8	65.1	65.1	65.3	65.4
≥ 600	62.5	64.6	65.1	65.4	65.8	65.9	66.2	66.3	66.3	66.7	66.8	66.8	67.1	67.1	67.3	67.4
≥ 500	64.5	66.6	67.1	67.4	67.8	67.9	68.2	68.3	68.3	68.7	68.8	68.8	69.1	69.1	69.3	69.4
≥ 400	66.5	68.6	69.1	69.4	69.8	69.9	70.2	70.3	70.3	70.7	70.8	70.8	71.1	71.1	71.3	71.4
≥ 300	68.5	70.6	71.1	71.4	71.8	71.9	72.2	72.3	72.3	72.7	72.8	72.8	73.1	73.1	73.3	73.4
≥ 200	70.5	72.6	73.1	73.4	73.8	73.9	74.2	74.3	74.3	74.7	74.8	74.8	75.1	75.1	75.3	75.4
≥ 100	72.5	74.6	75.1	75.4	75.8	75.9	76.2	76.3	76.3	76.7	76.8	76.8	77.1	77.1	77.3	77.4
≥ 0	74.5	76.6	77.1	77.4	77.8	77.9	78.2	78.3	78.3	78.7	78.8	78.8	79.1	79.1	79.3	79.4

TOTAL NUMBER OF OBSERVATIONS 5240

CEILING VERSUS VISIBILITY

STATION: DATE: 27-66 YEAR: 66 MONTH: LL
 HOURS:

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
≥ 2700	37.6	37.4	36.7	34.6	35.4	36.9	36.0	37.1	37.1	37.9	38.3	38.2	36.7	38.7	39.0	37.2
≥ 2700	37.6	37.9	34.2	35.1	36.5	36.6	37.4	37.7	37.7	38.0	38.9	37.0	39.5	39.5	39.9	40.1
IV 18000	37.6	33.4	34.7	35.7	37.1	37.2	36.0	38.4	38.4	39.3	39.6	39.7	40.2	40.2	40.0	40.4
IV 16000	37.6	33.6	34.9	35.9	37.3	37.3	36.2	38.5	38.5	39.4	39.8	39.7	40.3	40.4	40.0	40.9
IV 14000	38.2	34.7	35.5	35.5	37.5	37.7	38.0	39.2	39.2	40.1	40.5	40.5	41.1	41.1	41.5	41.7
IV 12000	38.4	34.4	35.3	36.2	38.2	38.2	39.2	39.5	39.5	40.4	40.0	40.0	41.4	41.5	41.5	42.0
IV 10000	38.9	35.2	36.0	37.0	39.1	39.2	40.2	40.5	40.5	41.5	41.9	41.9	42.5	42.5	42.9	43.1
IV 9000	41.3	35.6	37.2	38.2	39.7	39.8	40.9	41.2	41.2	42.2	42.0	42.0	43.2	43.3	43.7	43.2
IV 8000	42.5	37.3	37.0	40.1	41.5	41.7	42.7	43.3	43.3	44.3	44.7	44.7	45.4	45.4	45.0	45.0
IV 7000	34.1	38.6	40.6	41.0	43.0	43.6	43.0	45.4	45.4	46.4	46.9	46.9	47.5	47.6	48.0	46.2
IV 6000	34.6	39.6	41.4	42.7	44.5	44.6	45.9	46.3	46.3	47.4	47.9	47.9	48.5	48.6	49.0	49.7
IV 5000	35.4	40.4	42.3	43.6	45.5	45.6	46.8	47.3	47.4	48.4	48.9	49.0	49.6	49.7	50.1	50.3
IV 4500	35.9	41.0	42.0	44.2	46.0	46.1	47.4	47.9	47.9	49.0	49.5	49.5	50.2	50.2	50.7	50.9
IV 4000	36.5	41.9	43.4	45.3	47.2	47.2	48.5	49.1	49.1	50.2	50.7	50.5	51.4	51.5	52.0	52.1
IV 3500	37.2	42.5	44.5	46.0	47.9	48.0	49.4	49.9	49.9	51.0	51.5	51.5	52.2	52.3	52.7	52.9
IV 3000	37.4	44.1	46.3	47.8	50.0	50.1	51.5	52.0	52.1	53.2	53.7	53.5	54.5	54.6	55.0	55.7
IV 2500	40.6	46.4	48.7	50.3	52.0	52.7	54.3	54.5	54.9	56.0	56.6	56.6	57.3	57.4	57.9	58.0
IV 2000	43.5	50.6	52.2	55.2	57.4	58.0	59.7	60.7	60.7	62.1	62.7	62.7	63.5	63.6	64.1	64.2
IV 1800	44.1	51.5	54.2	56.1	59.0	59.1	61.0	61.9	61.9	63.2	63.6	63.9	64.6	64.7	65.2	65.4
IV 1500	47.3	53.7	55.9	58.2	64.5	64.7	66.9	67.9	67.9	69.3	70.1	70.2	71.2	71.3	71.6	72.0
IV 1200	49.3	55.7	58.1	64.7	68.3	68.6	71.0	72.1	72.2	73.8	74.5	74.6	75.6	75.7	76.3	76.5
IV 1000	51.2	56.2	68.1	71.3	76.0	76.4	79.4	80.9	81.0	83.4	84.2	84.3	85.5	85.7	86.3	86.5
IV 900	53.7	58.8	68.8	72.0	76.7	77.1	80.2	81.7	81.8	84.3	85.1	85.2	86.5	86.7	87.4	87.6
IV 800	54.5	68.1	70.4	73.8	78.0	79.1	82.4	84.2	84.3	87.1	88.0	88.1	89.5	89.7	90.4	90.5
IV 700	54.9	68.8	71.2	74.5	79.4	79.9	83.3	85.1	85.2	88.2	89.1	89.2	90.8	91.0	91.7	92.0
IV 600	55.3	67.4	71.0	75.2	80.2	80.7	84.2	86.2	86.3	89.4	90.4	90.5	92.3	92.5	93.4	93.6
IV 500	55.0	67.9	72.4	76.0	81.3	81.7	85.4	87.4	87.6	90.9	92.1	92.2	94.6	94.9	95.7	96.0
IV 400	55.7	68.1	72.5	76.1	81.5	81.9	85.0	87.7	87.8	91.3	92.0	92.7	95.3	95.7	96.5	96.8
IV 300	55.8	68.3	72.8	76.3	81.8	82.2	86.0	88.1	88.3	91.9	93.3	93.4	96.2	96.7	97.7	98.2
IV 200	55.0	68.3	72.8	76.4	81.8	82.3	86.1	88.2	88.4	92.0	93.5	93.8	96.5	97.0	98.0	98.9
IV 100	55.0	68.3	72.8	76.4	81.0	82.3	86.1	88.2	88.4	92.0	93.5	93.7	96.7	97.2	98.7	100.0
IV 0	55.0	68.3	72.8	76.4	81.0	82.3	86.1	88.2	88.4	92.0	93.5	93.7	96.7	97.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

5712

ATC PROCESSING DIVISION
 5010 ETAC
 101 EASTERN AVENUE

CEILING VERSUS VISIBILITY

STATION
 17901

RESUBMIT DATE 1 OCT 1961

STATION NAME

27-66

YEARS

MONTH

LL

HOURS 1-5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.6	57.7	55.9	56.8	57.7	58.9	60.2	60.7	60.6	61.7	62.1	62.1	63.3	63.6	63.7	63.7
≥ 20000	53.6	53.6	55.2	57.1	59.0	59.2	60.6	61.1	61.1	62.1	62.4	62.5	63.7	63.8	64.4	64.1
IV 18000	63.0	53.5	55.5	57.7	59.5	59.9	61.4	61.8	61.8	62.8	63.2	63.3	64.5	64.6	64.7	64.9
IV 16000	63.0	54.0	55.8	57.8	59.7	60.0	61.5	61.9	61.9	62.9	63.3	63.4	64.6	64.7	65.1	65.0
IV 14000	66.1	54.7	55.9	57.9	59.9	60.1	61.7	62.1	62.1	63.2	63.6	63.6	64.9	64.9	65.1	65.3
IV 12000	66.1	54.7	56.0	58.0	60.0	60.2	61.8	62.1	62.1	63.2	63.7	63.7	64.9	65.0	65.2	65.3
IV 10000	65.5	54.3	56.0	58.6	60.6	60.9	62.5	62.8	62.8	64.0	64.4	64.5	65.7	65.8	66.2	66.1
IV 9000	66.0	54.6	56.9	59.0	61.0	61.3	62.9	63.3	63.3	64.5	65.0	65.0	66.3	66.4	66.7	66.7
IV 8000	67.9	56.0	58.5	60.9	63.1	63.5	65.3	65.7	65.7	67.1	67.7	67.7	69.0	69.4	69.4	69.4
IV 7000	66.0	57.5	60.4	62.9	65.0	66.0	67.2	68.4	68.4	70.1	70.6	70.7	72.1	72.1	72.5	72.5
IV 6000	69.0	57.9	60.0	63.4	66.1	66.6	68.5	69.0	69.0	70.7	71.2	71.3	72.7	72.9	73.3	73.3
IV 5000	69.4	58.5	61.0	64.2	67.0	67.4	69.4	69.9	69.9	71.6	72.1	72.1	73.7	73.9	74.3	74.3
IV 4500	69.4	58.7	61.0	64.3	67.1	67.6	69.5	70.0	70.0	71.8	72.3	72.3	74.0	74.1	74.5	74.5
IV 4000	69.9	59.5	62.7	65.3	68.2	68.6	70.9	71.1	71.1	72.8	73.4	73.4	75.0	75.2	75.6	75.6
IV 3500	70.3	59.9	63.2	65.8	68.7	69.2	71.4	71.7	71.7	73.4	74.0	74.0	75.7	75.8	76.2	76.2
IV 3000	71.5	61.6	64.9	67.6	70.6	71.2	73.4	73.8	73.8	75.7	76.3	76.3	78.0	78.1	78.6	78.6
IV 2500	72.7	63.6	67.2	70.0	73.2	73.9	76.1	76.7	76.7	78.6	79.2	79.2	81.0	81.1	81.5	81.5
IV 2000	74.0	67.0	70.8	73.8	77.3	78.0	80.5	81.0	81.0	83.0	83.6	83.7	85.4	85.5	86.0	86.0
IV 1800	74.9	67.5	71.3	74.3	77.8	78.5	80.8	81.5	81.5	83.5	84.2	84.3	86.0	86.1	86.5	86.6
IV 1500	76.0	69.7	74.0	77.3	81.0	81.8	84.4	85.1	85.1	87.3	88.0	88.1	89.9	90.0	90.5	90.7
IV 1200	76.6	70.5	75.3	78.7	82.4	83.3	85.8	86.6	86.6	88.8	89.5	89.5	91.4	91.5	92.1	92.2
IV 1000	76.5	73.6	78.6	82.3	86.4	87.2	90.1	91.0	91.1	93.4	94.2	94.2	96.2	96.4	96.9	97.0
IV 900	78.6	74.1	78.9	82.5	86.5	87.5	90.5	91.4	91.4	93.8	94.6	94.6	96.6	96.8	97.3	97.4
IV 800	79.7	74.3	79.1	82.8	87.2	88.2	91.2	92.1	92.2	94.5	95.3	95.4	97.4	97.6	98.2	98.2
IV 700	78.2	74.4	79.2	83.0	87.4	88.3	91.4	92.3	92.3	94.8	95.6	95.6	97.7	97.8	98.4	98.5
IV 600	76.8	74.5	79.3	83.0	87.4	88.3	91.4	92.4	92.4	94.8	95.6	95.7	97.7	97.9	98.5	98.5
IV 500	76.8	74.5	79.3	83.1	87.5	88.4	91.5	92.5	92.5	95.1	95.9	96.0	98.0	98.2	98.7	98.8
IV 400	74.6	74.5	79.3	83.1	87.6	88.5	91.5	92.6	92.6	95.2	96.0	96.0	98.1	98.2	98.9	99.0
IV 300	76.0	74.5	79.3	83.1	87.6	88.5	91.5	92.6	92.7	95.2	96.0	96.0	98.2	98.3	99.0	99.0
IV 200	76.0	74.5	79.4	83.1	87.6	88.6	91.7	92.7	92.7	95.2	96.1	96.1	98.2	98.4	99.1	99.1
IV 100	76.0	74.5	79.4	83.1	87.6	88.6	91.7	92.7	92.7	95.2	96.1	96.1	98.2	98.4	99.1	99.2
IV 0	76.0	74.5	79.4	84.1	87.6	88.6	91.7	92.7	92.7	95.2	96.1	96.1	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

27-7

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 10-10-2013 BY 60322 UCBAW

CEILING VERSUS VISIBILITY

STATION	STATION NAME
1701	UNION ST. & 10TH ST.

27-60

YEARS

4.1.
MONTH

2.95

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

SPEED FEET		VISIBILITY STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
IV	18000	70.1	70.1	60.0	62.5	64.4	64.7	60.0	67.5	67.6	65.8	69.4	69.5	70.6	70.4	71.5	71.5
	16000	70.1	70.1	60.0	62.5	64.4	64.7	67.1	67.7	67.7	69.0	69.6	69.9	70.4	71.1	71.4	71.5
IV	14000	70.3	70.1	60.0	62.5	64.4	64.7	67.5	67.9	69.2	69.8	69.8	69.9	71.0	71.0	71.5	71.5
	12000	70.3	70.3	61.0	62.9	64.4	65.2	67.4	68.0	68.3	69.3	69.9	70.7	71.1	71.3	71.5	71.5
IV	10000	70.5	70.4	61.2	63.1	65.2	65.5	67.7	68.3	68.3	69.6	70.4	70.8	71.3	71.3	72.0	72.0
	8000	70.5	70.5	61.4	63.3	65.3	65.6	67.7	68.4	68.5	69.8	70.3	70.4	71.5	71.7	72.0	72.0
IV	6000	70.9	68.3	62.3	64.2	66.3	66.6	68.0	69.3	69.5	70.8	71.3	71.4	72.5	72.7	73.2	73.2
	5000	71.2	60.6	62.7	64.6	66.4	67.1	69.2	70.0	70.0	71.3	71.9	71.9	73.0	73.2	73.6	73.6
IV	4500	71.7	51.3	63.4	65.3	67.7	67.9	70.2	70.8	70.8	72.1	72.7	72.7	73.9	74.0	74.5	74.7
	4000	72.4	42.7	64.4	67.2	69.0	69.9	72.2	72.9	72.9	74.3	74.9	75.1	76.3	76.4	77.1	77.3
IV	3500	72.8	33.7	65.4	67.8	70.3	70.6	72.9	73.5	73.6	75.0	75.7	75.7	77.0	77.3	77.8	77.9
	3000	73.4	23.0	66.0	68.4	71.0	71.3	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
IV	2500	73.5	13.0	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
	2000	73.5	6.7	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
IV	1800	73.7	4.6	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
	1500	73.7	3.9	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
IV	1200	73.7	2.7	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
	1000	73.7	1.6	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
IV	900	73.7	1.0	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
	800	73.7	0.8	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
IV	700	73.7	0.7	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
	600	73.7	0.6	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
IV	500	73.7	0.5	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
	400	73.7	0.4	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
IV	300	73.7	0.3	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
	200	73.7	0.2	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
IV	100	73.7	0.1	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7
	0	73.7	0.0	66.0	68.5	71.0	71.4	73.7	74.4	74.4	75.8	76.4	76.4	77.9	78.1	78.7	78.7

TOTAL NUMBER OF OBSERVATIONS 5951

17801 SENT TO THE JOINT AFI

27-00

442

YEARS

MONITOR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

[illegible]

TOTAL NUMBER OF OBSERVATIONS

429

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

17901
 STATION

RESERVOIR APT JPL APT
 STATION NAME

57-66
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0500
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	41.0	50.2	52.9	55.7	58.4	59.4	61.2	62.3	62.4	66.1	67.0	67.6	70.5	70.6	71.0	72.1
IV 18000	41.0	50.2	52.9	55.7	58.4	59.4	61.2	62.3	62.4	66.1	67.0	67.6	70.5	70.6	71.0	72.1
IV 16000	42.1	50.6	53.4	55.5	58.9	58.9	61.0	62.7	62.9	66.6	68.1	68.1	71.0	71.1	72.4	72.6
IV 14000	42.3	50.6	53.4	55.5	59.0	59.0	61.2	62.9	63.1	66.8	68.2	68.2	71.3	71.5	73.1	73.2
IV 12000	42.3	50.6	53.7	55.8	59.2	59.2	62.1	63.1	63.2	66.9	68.4	68.4	71.5	71.6	73.2	73.4
IV 10000	42.3	51.0	53.9	56.0	59.4	59.4	62.3	63.2	63.4	67.1	68.5	68.5	71.6	71.8	73.4	73.5
IV 9000	42.6	51.8	54.7	56.8	60.5	60.5	63.4	64.4	64.5	68.2	69.7	69.7	72.7	72.9	74.5	74.7
IV 8000	42.9	52.4	55.5	57.7	61.6	61.6	63.2	66.1	66.3	70.2	71.6	71.6	74.7	74.8	76.5	76.6
IV 7000	43.9	54.0	57.1	59.4	63.2	63.4	66.3	67.7	67.9	71.9	73.4	73.4	76.6	76.8	78.5	78.7
IV 6000	44.0	54.7	57.7	60.0	63.9	64.0	67.4	68.4	68.5	72.6	74.0	74.0	77.4	77.6	79.4	79.5
IV 5000	44.2	54.8	57.9	60.3	64.2	64.4	67.7	68.7	68.9	72.9	74.4	74.4	77.7	77.9	79.7	79.8
IV 4500	44.2	54.8	57.9	60.3	64.2	64.4	67.7	68.7	68.9	72.9	74.4	74.4	77.7	77.9	79.7	79.8
IV 4000	44.2	55.3	58.4	60.8	64.7	64.8	68.2	69.2	69.4	73.4	74.8	74.8	78.4	78.5	80.1	80.3
IV 3500	44.2	55.3	58.5	61.0	64.8	65.0	68.4	69.4	69.5	73.5	75.3	75.3	79.0	79.2	81.0	81.1
IV 3000	44.2	55.5	58.7	61.3	65.2	65.3	68.7	69.7	70.0	74.0	76.8	76.8	80.6	80.8	82.6	82.7
IV 2500	44.4	56.0	59.4	61.9	66.1	66.3	70.0	71.0	71.1	76.3	78.2	78.2	82.1	82.3	84.0	84.2
IV 2000	46.1	58.5	62.3	65.0	69.4	69.8	73.5	74.7	74.8	80.0	82.1	82.1	86.0	86.1	88.1	88.2
IV 1800	46.1	58.7	62.4	65.2	69.5	70.0	73.7	74.8	75.0	80.2	82.3	82.3	86.1	86.3	88.2	88.4
IV 1500	47.1	59.8	63.5	66.8	71.1	71.6	75.3	76.5	76.6	82.4	84.5	84.5	88.4	88.5	90.5	91.0
IV 1200	47.1	59.8	63.5	66.8	71.1	71.6	75.3	76.5	76.6	82.4	84.5	84.5	88.4	88.5	90.5	91.0
IV 1000	47.1	60.2	63.9	67.1	71.5	71.9	75.6	76.8	76.9	82.9	85.0	85.0	89.2	89.4	91.5	91.8
IV 900	47.1	60.2	63.9	67.1	71.5	71.9	75.6	76.8	76.9	82.9	85.0	85.0	89.2	89.4	91.5	91.8
IV 800	47.1	60.2	63.9	67.1	71.5	71.9	75.6	76.8	76.9	82.9	85.0	85.0	89.2	89.4	91.5	91.8
IV 700	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.4
IV 600	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 500	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 400	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 300	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 200	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 100	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7
IV 0	47.3	60.3	64.0	67.6	71.9	72.4	76.1	77.3	77.4	83.4	85.8	85.8	90.0	90.2	92.3	92.7

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NPT 001 API
STATION NAME

57-66
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .50	≥ .25	≥ .16	≥ .125	≥ 0
NO CEILING	40.6	50.3	52.9	56.6	58.7	59.7	62.4	63.1	63.1	65.8	66.0	66.4	71.0	71.0	72.4	72.9
≥ 20000	41.1	50.6	53.2	56.7	59.0	59.5	62.7	63.4	63.4	66.1	66.4	66.7	71.3	71.3	72.7	73.2
≥ 18000	41.5	51.0	53.5	57.3	59.4	59.9	63.1	63.7	63.7	66.5	67.3	67.3	71.6	71.6	73.1	73.4
≥ 16000	41.5	51.0	53.5	57.3	59.4	59.9	63.1	63.7	63.7	66.5	67.3	67.3	71.6	71.6	73.1	73.5
≥ 14000	41.5	51.0	53.5	57.3	59.4	59.9	63.1	63.7	63.7	66.5	67.3	67.3	71.6	71.6	73.4	74.0
≥ 12000	41.5	51.0	53.5	57.3	59.4	59.9	63.2	63.9	63.9	66.6	67.4	67.4	71.8	71.8	73.5	74.2
≥ 10000	41.6	51.1	53.7	57.4	59.5	60.0	63.4	64.0	64.0	66.8	67.6	67.6	71.9	71.9	73.7	74.4
≥ 9000	41.6	51.5	54.0	57.7	59.9	60.3	63.7	64.4	64.4	67.1	67.9	67.9	72.3	72.3	74.0	74.7
≥ 8000	42.0	52.3	55.2	59.2	61.3	61.8	65.3	66.0	66.0	69.2	70.2	70.2	74.5	74.5	76.5	77.1
≥ 7000	43.2	53.1	56.0	60.0	62.1	62.6	66.1	66.9	66.9	70.6	71.6	71.6	76.1	76.1	78.2	78.9
≥ 6000	43.4	53.4	56.3	60.3	62.4	62.9	66.5	67.3	67.3	71.0	71.9	71.9	76.5	76.5	78.7	79.4
≥ 5000	43.5	53.5	56.5	60.5	62.6	63.1	66.6	67.4	67.4	71.3	72.3	72.3	76.8	76.8	79.0	79.7
≥ 4500	43.5	53.5	56.5	60.5	62.6	63.1	66.6	67.4	67.4	71.3	72.3	72.3	76.8	76.8	79.0	79.7
≥ 4000	44.4	54.4	57.4	61.5	63.5	64.0	67.6	68.4	68.4	72.3	73.2	73.2	77.7	77.7	80.0	80.6
≥ 3500	44.4	54.4	57.4	61.5	63.5	64.0	67.6	68.4	68.4	72.3	73.2	73.2	77.7	77.7	80.0	80.6
≥ 3000	44.7	54.6	57.7	61.9	64.2	64.8	68.5	69.5	69.5	73.7	75.3	75.3	80.0	80.0	82.3	83.1
≥ 2500	45.0	55.1	59.4	63.5	65.0	66.5	70.2	71.1	71.1	75.6	77.3	77.3	81.9	81.9	84.2	85.3
≥ 2000	46.1	57.6	60.8	65.6	66.5	69.2	72.9	73.9	73.9	78.7	80.3	80.3	85.0	85.0	87.1	88.9
≥ 1800	46.1	57.6	60.8	65.6	66.5	69.2	72.9	73.9	73.9	78.7	80.3	80.3	85.0	85.0	87.1	88.9
≥ 1500	46.9	58.5	61.8	66.9	70.0	70.6	74.5	75.8	75.8	80.8	82.6	82.6	87.3	87.3	90.0	91.1
≥ 1200	46.9	58.5	61.8	66.9	70.0	70.6	74.5	75.8	75.8	80.8	82.6	82.6	87.3	87.3	90.0	91.1
≥ 1000	47.1	58.7	62.1	67.3	70.6	71.3	75.3	76.6	76.6	81.8	83.5	83.5	88.2	88.2	91.0	92.1
≥ 900	47.1	58.7	62.1	67.3	70.6	71.3	75.3	76.6	76.6	81.8	83.5	83.5	88.2	88.2	91.0	92.1
≥ 800	47.1	58.7	62.1	67.3	70.6	71.3	75.3	76.6	76.6	81.8	83.5	83.5	88.2	88.2	91.0	92.1
≥ 700	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 600	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 500	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 400	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 300	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 200	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 100	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6
≥ 0	47.1	58.9	62.3	67.4	70.8	71.5	75.5	76.8	76.8	82.3	84.0	84.0	88.7	88.7	91.5	92.6

TOTAL NUMBER OF OBSERVATIONS 520

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01.00-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¼	≥ 5/16	≥ ¼	0
NO CEILING	40.0	47.3	48.9	50.5	53.7	54.4	57.4	59.5	59.5	62.6	64.0	64.2	66.3	66.5	67.1	2
≥ 20000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 18000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 16000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 14000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 12000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 10000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 9000	41.0	47.4	49.0	50.6	53.9	54.5	57.6	59.7	59.7	62.7	64.2	64.4	66.5	66.6	67.4	4
IV 8000	42.3	49.2	51.1	53.5	56.9	57.6	61.0	63.2	63.2	66.8	67.4	68.9	71.5	71.8	73.2	73.9
IV 7000	43.5	51.0	53.1	55.8	59.2	60.0	63.4	65.8	65.8	69.4	71.0	71.5	74.0	74.4	75	76.5
IV 6000	43.9	51.6	53.7	56.5	59.6	60.6	64.0	66.5	66.5	70.2	71.9	72.4	75.0	75.3	76	77.4
IV 5000	44.2	51.9	54.0	56.8	60.2	61.0	64.2	66.9	66.9	70.8	72.6	73.1	75.6	76.1	77.0	78.2
IV 4500	44.7	52.1	54.2	56.9	60.3	61.1	64.8	67.3	67.3	71.3	73.1	73.5	76.1	76.6	78.1	78.7
IV 4000	44.7	52.1	54.2	56.9	60.3	61.1	64.8	67.3	67.3	71.3	73.1	73.5	76.1	76.6	78.1	78.7
IV 3500	44.7	52.1	54.2	56.9	60.3	61.1	64.8	67.3	67.3	71.3	73.1	73.5	76.1	76.6	78.1	78.7
IV 3000	44.7	52.1	54.2	56.9	60.3	61.1	64.8	67.3	67.3	71.3	73.1	73.5	76.1	76.6	78.1	78.7
IV 2500	45.0	54.0	56.5	59.5	62.9	64.2	68.2	71.0	71.0	75.5	77.4	77.9	80.5	81.0	82.4	83.1
IV 2000	46.5	56.5	58.9	62.6	66.3	67.6	71.6	74.4	74.4	79.0	81.0	81.5	84.0	84.5	86.0	86.4
IV 1800	46.5	56.5	58.9	62.6	66.3	67.6	71.6	74.4	74.4	79.0	81.0	81.5	84.0	84.5	86.0	86.4
IV 1500	47.3	57.0	60.5	65.0	68.9	70.3	74.1	77.4	77.4	82.3	84.2	84.7	87.6	88.1	89.2	90.2
IV 1200	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 1000	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 900	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 800	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 700	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 600	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 500	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 400	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 300	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 200	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 100	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1
IV 0	47.6	58.4	61.0	65.5	70.0	71.6	75.0	78.7	78.7	83.5	85.0	86.1	89.2	89.7	91.1	92.1

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE WPT DIST APT
STATION NAME

57-66
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.0	40.6	40.5	49.0	54.0	54.4	58.0	60.5	60.5	63.2	65.7	65.7	67.0	67.0	67.0	68.2
≥ 20000	40.0	45.0	49.0	50.3	54.5	54.9	59.1	61.0	61.0	63.8	66.2	66.2	67.5	67.5	68.1	68.8
IV 18000	40.0	46.9	49.0	50.3	54.7	55.0	59.2	61.2	61.2	63.9	66.3	66.3	67.6	67.6	68.3	69.9
IV 16000	40.0	47.1	49.2	50.5	54.9	55.2	59.4	61.3	61.3	64.1	66.5	66.5	67.8	67.8	68.4	69.1
IV 14000	40.3	47.2	49.3	50.7	55.2	55.5	59.7	61.7	61.7	64.4	66.8	66.8	68.1	68.1	68.8	69.4
IV 12000	40.3	47.2	49.3	50.5	55.2	55.5	59.7	61.8	61.8	64.7	67.2	67.2	68.4	68.4	69.1	69.7
IV 10000	40.8	47.7	50.0	51.3	55.7	56.0	60.2	62.3	62.3	65.2	67.6	67.6	68.9	68.9	69.0	70.2
IV 9000	40.8	47.9	50.3	51.6	56.0	56.3	60.7	62.8	62.8	65.7	68.1	68.1	69.4	69.4	70.1	70.7
IV 8000	41.4	48.9	51.5	52.8	57.3	57.6	62.0	64.1	64.1	67.0	69.4	69.4	70.9	70.9	72.0	72.8
IV 7000	42.9	50.5	53.0	55.0	59.7	60.2	64.7	67.2	67.2	70.7	73.1	73.1	74.9	74.9	76.1	77.2
IV 6000	43.4	51.6	54.4	55.8	60.5	61.0	65.7	68.1	68.1	71.7	74.1	74.1	75.9	75.9	77.0	78.2
IV 5000	43.4	51.6	54.4	55.8	60.5	61.0	65.7	68.1	68.1	71.8	74.3	74.3	76.1	76.1	77.2	78.3
IV 4500	43.4	51.6	54.4	55.8	60.5	61.0	65.7	68.1	68.1	71.8	74.3	74.3	76.1	76.1	77.2	78.3
IV 4000	43.5	52.4	55.2	56.6	61.5	62.0	66.7	69.1	69.1	73.0	75.4	75.4	77.2	77.2	78.3	79.4
IV 3500	43.7	53.2	56.0	57.4	62.3	62.8	67.0	70.1	70.1	73.9	76.4	76.4	78.2	78.2	79.3	80.4
IV 3000	44.0	54.9	56.6	58.4	63.3	63.8	68.0	71.2	71.2	75.2	77.6	77.6	79.0	79.0	80.7	81.9
IV 2500	44.2	54.0	57.0	58.7	63.6	64.1	69.1	71.5	71.7	75.9	78.0	78.0	80.6	80.6	81.7	83.0
IV 2000	45.3	55.5	58.9	61.0	66.2	66.7	72.7	75.4	75.7	80.6	83.7	83.8	85.6	85.6	86.7	88.0
IV 1800	45.3	55.5	58.9	61.0	66.2	66.7	72.7	75.4	75.7	80.6	83.7	83.8	85.6	85.6	86.7	88.0
IV 1500	45.8	57.3	61.0	64.1	69.4	69.9	75.9	78.8	79.1	84.3	87.5	87.7	89.6	89.6	91.3	92.6
IV 1200	46.0	57.6	61.3	64.4	69.9	70.4	76.4	79.3	79.6	84.8	88.0	88.2	90.1	90.1	91.7	93.2
IV 1000	46.0	57.6	61.3	64.4	69.9	70.6	76.5	79.6	80.1	85.6	88.8	89.0	91.3	91.3	93.0	94.4
IV 900	46.0	57.6	61.3	64.4	69.9	70.6	76.5	79.6	80.1	85.6	88.8	89.0	91.3	91.3	93.0	94.4
IV 800	46.0	57.6	61.3	64.4	69.9	70.6	76.5	79.6	80.1	85.6	88.8	89.0	91.3	91.3	93.0	94.4
IV 700	46.0	57.6	61.3	64.4	69.9	70.6	76.7	79.9	80.3	85.9	89.2	89.3	91.7	91.7	93.5	95.0
IV 600	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	91.9	91.9	93.7	95.1
IV 500	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.2	95.6
IV 400	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.3	95.9
IV 300	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.7	96.3
IV 200	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.8	96.4
IV 100	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.8	97.1
IV 0	46.0	57.6	61.3	64.4	70.1	70.7	76.9	80.1	80.4	86.1	89.3	89.5	92.2	92.2	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS

618

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901 RESOLUTE WPT DPT PT
STATION STATION NAME

57-56

YEARS

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.3	49.8	51.4	53.2	56.6	57.2	59.5	60.8	60.8	64.8	66.0	66.6	68.6	68.6	69.7	71.0
≥ 20000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 18000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 16000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 14000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 12000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 10000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 9000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 8000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 7000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 6000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 5000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 4500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 4000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 3500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 3000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 2500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 2000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 1800	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 1500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 1200	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 1000	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 900	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 800	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 700	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 600	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 500	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 400	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 300	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 200	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 100	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5
IV 0	43.4	49.9	51.5	53.3	56.7	57.4	60.0	61.3	61.3	65.3	66.5	66.5	69.0	69.0	70.5	71.5

TOTAL NUMBER OF OBSERVATIONS 517

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE POINT APT
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	43.7	51.0	53.5	56.0	59.5	59.7	62.0	63.5	63.5	66.5	67.6	67.9	71.1	71.3	72.7	73.4
≥ 20000	43.7	51.0	53.5	56.0	59.5	59.7	62.0	63.5	63.5	66.5	67.6	67.9	71.1	71.3	72.7	73.4
IV 18000	44.2	51.5	54.0	56.5	60.0	60.2	63.1	64.0	64.0	66.9	68.1	68.4	71.6	71.8	73.2	73.9
IV 16000	44.2	51.5	54.0	56.5	60.0	60.2	63.1	64.0	64.0	66.9	68.1	68.4	71.6	71.8	73.2	73.9
IV 14000	44.4	51.6	54.2	56.6	60.2	60.3	63.2	64.2	64.2	67.1	68.2	68.5	72.1	72.3	73.7	74.4
IV 12000	44.4	51.6	54.2	56.6	60.2	60.3	63.2	64.2	64.2	67.1	68.2	68.5	72.1	72.3	73.7	74.4
IV 10000	44.4	51.6	54.2	56.6	60.2	60.3	63.2	64.2	64.2	67.1	68.2	68.5	72.1	72.3	73.7	74.4
IV 9000	44.0	52.1	54.6	57.3	60.0	61.0	64.2	65.2	65.2	68.1	69.2	69.5	73.1	73.2	74.7	75.3
IV 8000	40.1	53.4	56.1	58.7	62.3	62.6	66.0	67.1	67.1	70.0	71.3	71.4	75.2	75.3	76.7	77.4
IV 7000	40.6	54.8	58.1	60.6	64.4	64.7	68.5	69.8	69.8	73.1	74.5	74.8	78.7	78.9	80.5	81.3
IV 6000	46.8	55.5	58.7	61.3	65.0	65.3	69.2	70.5	70.5	73.9	75.3	75.4	79.8	80.0	81.6	82.6
IV 5000	47.3	56.0	59.2	61.8	65.5	65.8	69.7	71.0	71.0	74.4	75.8	76.1	80.3	80.5	82.3	83.2
IV 4500	47.3	56.0	59.2	61.8	65.5	65.8	69.7	71.0	71.0	74.4	75.8	76.1	80.3	80.5	82.3	83.2
IV 4000	47.3	56.1	59.4	61.9	65.0	66.1	70.0	71.3	71.3	74.7	76.1	76.5	80.8	81.0	82.7	83.9
IV 3500	47.4	56.3	59.5	62.3	66.1	66.5	70.3	71.6	71.6	75.0	76.5	76.8	81.3	81.5	83.3	84.4
IV 3000	47.6	56.6	59.8	63.1	67.1	67.4	71.2	73.2	73.2	76.6	78.1	78.4	83.1	83.2	85.0	86.1
IV 2500	47.6	56.6	59.8	63.1	67.1	67.4	71.2	73.2	73.2	76.6	78.1	78.4	83.1	83.2	85.0	86.1
IV 2000	48.4	58.5	61.9	65.5	70.0	70.3	75.0	76.3	76.3	80.0	81.5	81.8	86.5	86.8	88.5	89.7
IV 1800	48.4	58.5	61.9	65.5	70.0	70.3	75.0	76.3	76.3	80.0	81.5	81.8	86.5	86.8	88.5	89.7
IV 1500	48.9	59.0	62.9	66.8	71.3	71.6	76.3	77.6	77.6	81.3	82.7	83.1	87.7	88.1	89.8	91.0
IV 1200	49.0	59.2	63.1	66.9	71.5	71.8	76.5	77.7	77.7	81.5	82.9	83.2	87.9	88.2	90.0	91.1
IV 1000	49.2	59.4	63.4	67.4	71.9	72.3	76.9	78.4	78.4	82.1	83.5	83.9	88.5	88.9	90.5	91.8
IV 900	49.2	59.4	63.4	67.4	71.9	72.3	76.9	78.4	78.4	82.1	83.5	83.9	88.5	88.9	90.5	91.8
IV 800	49.2	59.4	63.4	67.4	71.9	72.3	76.9	78.4	78.4	82.1	83.5	83.9	88.5	88.9	90.5	91.8
IV 700	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 600	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 500	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 400	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 300	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 200	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 100	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5
IV 0	49.2	59.5	63.5	67.6	72.3	72.6	77.3	79.0	79.0	82.9	84.4	84.7	89.8	90.2	91.9	93.5

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTIONS NOT USED
STATION NAME

57-66
YEARS

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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	43.1	51.9	54.7	56.9	60.5	60.6	62.7	64.8	64.8	69.5	71.3	71.3	73.2	73.2	74.7	75.0
≥ 20000	43.1	52.1	54.8	57.1	60.6	60.8	62.7	65.0	65.0	69.7	71.5	71.5	73.4	73.4	74.8	75.2
IV 18000	43.3	52.6	55.3	57.6	61.1	61.3	63.4	65.5	65.5	70.2	71.9	71.9	73.9	73.9	75.3	75.6
IV 16000	43.7	52.7	55.5	57.7	61.3	61.5	63.5	65.6	65.6	70.3	72.1	72.1	74.0	74.0	75.5	75.8
IV 14000	43.7	52.7	55.5	57.7	61.3	61.5	63.5	65.8	65.8	70.5	72.4	72.4	74.4	74.4	75.8	76.1
IV 12000	43.7	52.7	55.5	57.7	61.3	61.5	63.5	65.8	65.8	70.5	72.4	72.4	74.4	74.4	75.8	76.1
IV 10000	43.7	52.7	55.5	57.7	61.3	61.5	63.5	65.8	65.8	70.5	72.4	72.4	74.4	74.4	75.8	76.1
IV 9000	46.2	53.2	56.0	58.2	61.8	61.9	64.2	66.3	66.3	71.0	72.9	72.9	74.8	74.8	76.3	76.6
IV 8000	45.0	54.4	57.1	59.7	63.4	63.5	66.0	68.1	68.1	72.7	74.7	74.7	76.6	76.6	78.1	78.4
IV 7000	45.0	53.3	56.2	61.1	63.0	63.2	67.0	69.7	69.7	74.4	76.3	76.3	78.4	78.4	80.2	80.4
IV 6000	46.3	56.1	59.0	61.9	65.3	66.0	68.4	70.5	70.5	75.3	77.3	77.3	79.4	79.4	81.5	81.8
IV 5000	46.5	56.6	59.5	62.4	66.3	66.5	68.9	71.1	71.1	75.1	78.1	78.1	80.2	80.2	82.4	82.7
IV 4500	46.5	56.6	59.5	62.4	66.3	66.5	68.9	71.1	71.1	76.1	78.1	78.1	80.2	80.2	82.4	82.7
IV 4000	47.1	57.3	60.2	63.1	66.9	67.1	69.5	71.8	71.8	76.8	78.7	78.7	80.8	80.8	83.3	83.9
IV 3500	47.3	57.4	60.3	63.4	67.3	67.4	69.6	72.1	72.1	77.1	79.0	79.0	81.1	81.1	83.9	84.2
IV 3000	47.4	57.6	60.6	64.0	68.2	68.4	71.0	73.4	73.4	78.7	81.0	81.0	83.2	83.2	86.0	86.3
IV 2500	47.6	57.9	61.1	64.7	69.0	69.2	71.9	74.7	74.7	80.0	82.3	82.3	84.5	84.5	87.3	87.6
IV 2000	48.4	59.4	62.9	66.6	71.0	71.1	74.0	76.8	76.8	82.1	84.4	84.4	86.6	86.6	89.4	89.7
IV 1800	48.4	59.4	62.9	66.6	71.0	71.1	74.0	76.8	76.8	82.1	84.4	84.4	86.6	86.6	89.4	89.7
IV 1500	49.0	60.2	63.9	67.6	71.9	72.1	75.0	77.7	77.7	83.1	85.3	85.3	87.6	87.6	90.3	90.6
IV 1200	49.4	60.5	64.2	67.9	72.3	72.4	75.3	78.1	78.1	83.4	85.6	85.6	87.9	87.9	90.6	91.0
IV 1000	49.4	60.5	64.4	68.1	72.6	72.7	75.5	78.4	78.4	83.7	86.0	86.0	88.2	88.2	91.0	91.3
IV 900	49.4	60.5	64.4	68.1	72.6	72.7	75.5	78.4	78.4	83.7	86.0	86.0	88.2	88.2	91.0	91.3
IV 800	49.4	60.5	64.4	68.1	72.6	72.7	75.5	78.4	78.4	83.7	86.0	86.0	88.2	88.2	91.0	91.3
IV 700	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 600	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 500	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.0	86.3	86.3	89.2	89.2	91.9	92.4
IV 400	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.2	86.6	86.6	89.7	89.7	93.1	93.5
IV 300	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.2	86.6	86.6	89.7	89.7	93.1	93.5
IV 200	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.2	86.6	86.6	89.7	89.7	93.1	93.5
IV 100	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.2	86.6	86.6	89.7	89.7	93.1	93.5
IV 0	49.7	60.8	64.7	68.4	72.9	73.1	76.0	78.7	78.7	84.2	86.6	86.6	89.7	89.7	93.1	93.5

TOTAL NUMBER OF OBSERVATIONS 520

AIR FORCE PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE CFI 001 APT
STATION NAME

27-66
YEARS

1 Feb
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0006-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	42.7	32.1	33.0	56.6	60.1	60.6	62.4	62.8	62.8	63.1	67.0	67.2	69.3	70.2	72.0	73.4
≥ 20000	42.9	32.3	33.1	56.7	60.3	60.8	62.2	62.9	62.9	63.2	67.2	67.4	69.7	70.4	72.2	73.6
≥ 18000	43.1	32.5	33.3	57.1	60.6	61.2	62.6	63.3	63.3	63.6	67.7	68.1	70.4	71.1	72.7	74.3
≥ 16000	43.1	32.5	33.3	57.1	60.6	61.2	62.6	63.3	63.3	63.6	67.7	68.1	70.4	71.1	72.7	74.3
≥ 14000	43.3	32.7	33.5	57.3	60.6	61.3	62.8	63.7	63.7	66.1	68.3	68.6	71.1	71.8	73.3	75.2
≥ 12000	43.3	32.7	33.5	57.3	60.6	61.3	62.8	63.7	63.7	66.1	68.3	68.6	71.1	71.8	73.3	75.2
≥ 10000	43.6	33.4	36.2	58.0	61.5	62.1	63.5	64.4	64.4	66.8	69.0	69.3	71.8	72.5	74.5	75.9
≥ 9000	44.1	33.9	36.7	58.3	62.6	63.1	64.5	65.4	65.4	67.9	70.0	70.4	72.9	73.6	75.5	77.0
≥ 8000	46.1	36.4	39.2	61.3	65.6	66.1	68.1	69.1	69.1	71.6	73.8	74.1	76.8	77.5	79.4	80.9
≥ 7000	47.2	37.0	41.3	63.8	68.4	69.0	70.9	72.0	72.0	74.6	76.8	77.1	80.9	81.6	83.9	85.3
≥ 6000	47.3	38.3	41.7	64.2	69.0	69.5	71.6	72.9	72.9	75.5	77.7	78.0	82.1	82.8	85.5	86.9
≥ 5000	47.7	38.7	42.1	64.5	69.2	69.9	72.0	73.2	73.2	75.9	78.0	78.4	82.4	83.2	85.8	87.2
≥ 4500	47.7	38.7	42.1	64.5	69.2	69.9	72.0	73.2	73.2	75.9	78.0	78.4	82.4	83.2	85.8	87.2
≥ 4000	48.0	39.2	42.8	65.4	70.2	70.7	72.9	74.1	74.1	77.0	79.1	79.4	83.5	84.2	86.9	88.3
≥ 3500	48.2	39.4	42.9	65.8	70.6	71.1	73.2	74.5	74.5	77.3	79.4	79.8	83.9	84.6	87.2	88.7
≥ 3000	48.4	39.6	43.3	66.3	71.1	71.6	73.0	75.0	75.0	77.8	80.1	80.5	84.6	85.3	87.9	89.4
≥ 2500	48.6	40.5	44.4	67.4	72.5	73.0	75.4	76.6	76.6	80.0	82.4	83.0	87.1	87.8	90.4	91.8
≥ 2000	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 1800	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 1500	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 1200	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 1000	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 900	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 800	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 700	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 600	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 500	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 400	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 300	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 200	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
≥ 100	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4
0	48.9	41.5	45.8	68.8	74.8	75.4	77.8	79.1	79.1	83.0	85.5	86.0	90.1	90.8	94.0	95.4

TOTAL NUMBER OF OBSERVATIONS 334

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

17401
STATION

RESOLUTE BAY APT
STATION NAME

27-66
YEARS

1 FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	44.9	53.7	50.6	52.7	61.0	61.3	63.5	63.8	67.4	68.3	68.4	71.0	72.0	74.1	74.5	74.5
≥ 20000	44.9	53.7	50.6	52.7	61.0	61.3	63.5	63.8	67.4	68.3	68.4	71.0	72.0	74.1	74.5	74.5
IV 18000	45.0	53.4	50.7	52.9	61.2	61.5	63.7	64.0	67.6	68.4	68.6	72.0	72.2	74.3	74.6	74.6
IV 16000	45.0	53.4	50.7	52.9	61.2	61.5	63.7	64.0	67.6	68.4	68.6	72.0	72.2	74.3	74.6	74.6
IV 14000	45.2	53.5	50.9	53.0	61.3	61.7	63.8	64.2	67.7	68.6	68.8	72.2	72.3	74.3	74.8	74.8
IV 12000	45.2	53.5	50.9	53.0	61.3	61.7	63.8	64.2	67.7	68.6	68.8	72.2	72.3	74.3	74.8	74.8
IV 10000	45.7	54.1	57.8	60.1	62.4	62.8	64.2	65.2	68.8	69.7	69.9	73.2	73.4	75.3	76.7	76.7
IV 9000	46.1	54.6	58.5	60.8	63.5	63.8	66.1	66.5	70.0	70.2	71.1	74.5	74.0	76.3	77.5	77.5
IV 8000	47.7	56.9	60.8	63.3	66.7	67.2	69.7	70.0	73.8	74.5	74.8	78.2	78.4	80.3	81.4	81.4
IV 7000	48.2	58.3	62.6	65.4	69.0	69.5	72.0	72.3	76.1	77.0	77.1	81.4	81.6	83.5	84.9	84.9
IV 6000	48.4	58.7	63.1	66.3	70.2	70.7	73.2	73.8	77.5	78.4	78.5	82.8	83.0	85.3	86.3	86.3
IV 5000	48.8	59.0	63.5	66.7	70.6	71.1	73.6	74.5	78.2	79.1	79.3	83.5	83.7	86.0	87.1	87.1
IV 4500	48.8	59.0	63.5	66.7	70.6	71.1	73.6	74.5	78.2	79.1	79.3	83.5	83.7	86.0	87.1	87.1
IV 4000	49.1	59.4	63.8	67.0	71.3	71.8	74.3	75.4	79.1	80.0	80.1	84.4	84.6	86.9	87.9	87.9
IV 3500	49.1	59.4	63.8	67.0	71.3	71.8	74.3	75.4	79.1	80.0	80.1	84.4	84.6	86.9	87.9	87.9
IV 3000	49.1	59.4	63.8	67.0	71.3	71.8	74.3	75.4	79.1	80.0	80.1	84.4	84.6	86.9	87.9	87.9
IV 2500	49.1	60.1	64.7	65.1	72.7	73.2	76.1	76.8	80.7	81.6	81.7	86.0	86.2	88.3	89.5	89.5
IV 2000	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 1800	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 1500	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 1200	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 1000	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 900	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 800	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 700	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 600	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 500	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 400	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 300	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 200	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 100	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1
IV 0	49.0	62.1	67.6	71.1	75.9	76.4	79.4	80.3	84.9	85.8	86.0	90.2	90.4	92.7	94.1	94.1

TOTAL NUMBER OF OBSERVATIONS

564

DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT EX SERVICE/AMO

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT JET APT
STATION NAME

51-66
YEARS

1961
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	≥ 5/8	≥ ½	≥ 3/16	≥ ¼
NO CEILING	40.3	55.3	58.6	57.6	62.4	62.6	64.4	65.5	66.0	69.0	69.7	69.7	71.1	71.5	73.2
≥ 20000	46.5	55.3	56.7	59.8	62.6	62.8	64.4	66.0	66.1	69.1	69.9	70.0	71.3	71.6	73.4
IV 18000	46.5	55.3	56.7	59.8	62.6	62.9	64.5	66.1	66.3	69.3	70.0	70.2	71.5	71.8	73.6
IV 16000	46.5	55.3	56.7	59.8	62.6	62.9	64.5	66.1	66.3	69.3	70.0	70.2	71.5	71.8	73.6
IV 14000	46.5	55.3	56.7	59.8	62.6	62.9	64.5	66.1	66.3	69.3	70.0	70.2	71.5	71.8	73.6
IV 12000	46.5	55.3	56.7	59.8	62.6	62.9	64.5	66.1	66.3	69.3	70.0	70.2	71.5	71.8	73.6
IV 10000	47.0	56.0	57.3	60.5	63.5	63.7	65.4	66.5	67.0	70.0	70.7	70.9	72.2	72.5	74.0
IV 9000	47.0	56.0	57.3	60.5	63.5	63.7	65.4	66.5	67.0	70.0	70.7	70.9	72.2	72.5	74.0
IV 8000	47.7	57.1	58.5	62.2	65.4	66.1	68.4	70.0	70.2	73.6	74.3	74.5	75.7	76.1	78.2
IV 7000	48.6	59.9	61.3	65.2	68.6	69.1	71.5	73.0	73.2	77.1	77.8	78.0	80.1	80.5	83.2
IV 6000	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 5000	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 4500	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 4000	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 3500	48.9	60.5	61.9	66.1	69.9	70.2	72.9	74.5	74.6	78.5	79.3	79.4	81.6	81.9	84.6
IV 3000	49.3	61.0	62.4	66.7	70.4	70.7	73.8	75.4	75.5	79.6	80.3	80.5	82.6	83.0	86.7
IV 2500	49.5	61.5	63.2	67.6	71.3	71.6	74.6	76.2	76.4	80.7	81.4	81.6	83.7	84.0	87.8
IV 2000	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1800	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1600	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1500	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1200	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 1000	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 900	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 800	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 700	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 600	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 500	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 400	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 300	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 200	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 100	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1
IV 0	50.4	63.3	65.4	70.6	74.5	74.8	78.2	80.0	80.1	85.3	86.0	86.2	89.0	89.4	93.1

TOTAL NUMBER OF OBSERVATIONS 504

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESULTE NOT USE API
STATION NAME

27-66
YEARS

1-11
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-1100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.0	47.5	49.1	51.6	55.7	55.9	56.5	60.8	61.0	62.4	62.9	63.1	64.4	64.5	66.0	67.0
≥ 20000	12.5	47.5	50.0	52.5	56.6	56.7	59.4	61.7	61.9	63.3	63.0	64.0	65.4	65.6	67.0	68.1
IV 18000	14.5	47.5	50.0	52.5	56.6	56.7	59.4	61.7	61.9	63.3	63.0	64.0	65.4	65.6	67.0	68.1
IV 16000	14.7	47.7	50.2	52.7	56.7	56.9	59.0	61.9	62.1	63.5	64.0	64.2	65.0	65.3	67.2	68.3
IV 14000	15.9	47.9	50.4	52.8	57.1	57.3	59.9	62.2	62.4	64.0	64.5	64.7	66.1	66.3	67.7	68.8
IV 12000	16.1	48.2	50.7	53.2	57.4	57.6	60.2	62.6	62.8	64.5	65.1	65.2	66.7	66.8	68.3	69.3
IV 10000	16.6	48.5	51.4	53.9	58.2	58.5	61.2	63.5	63.7	65.6	66.3	66.5	68.1	68.3	69.7	70.7
IV 9000	16.0	49.1	51.8	54.3	58.5	58.9	61.5	63.8	64.0	66.1	66.8	67.0	68.6	68.8	70.2	71.3
IV 8000	17.7	51.1	53.7	56.2	60.5	60.8	64.0	66.3	66.5	68.8	69.7	69.9	71.6	71.8	73.2	74.3
IV 7000	14.0	53.9	56.9	59.6	64.2	64.7	68.1	70.9	71.1	74.5	75.4	75.5	76.5	76.7	78.1	79.6
IV 6000	14.1	54.3	57.3	60.1	64.7	65.2	68.6	71.5	71.6	75.0	75.9	76.1	79.1	79.3	80.7	82.1
IV 5000	14.1	54.4	57.4	60.3	64.9	65.4	68.8	71.6	71.8	75.2	76.1	76.2	79.3	79.4	80.9	82.3
IV 4500	14.1	54.4	57.4	60.3	64.9	65.4	68.8	71.6	71.8	75.2	76.1	76.2	79.3	79.4	80.9	82.3
IV 4000	14.3	54.5	57.5	60.6	65.4	66.1	69.5	72.3	72.7	76.1	77.0	77.1	80.1	80.3	81.7	83.2
IV 3500	14.3	55.0	58.0	60.8	65.6	66.3	69.7	72.5	72.9	76.2	77.1	77.3	80.3	80.5	81.9	83.3
IV 3000	14.9	55.9	59.2	62.1	67.0	67.7	71.3	74.1	74.5	77.8	78.7	78.9	81.9	82.1	83.5	84.9
IV 2500	14.9	56.0	60.1	62.9	68.1	68.8	72.3	75.2	75.5	78.9	79.8	79.8	83.0	83.2	84.6	86.0
IV 2000	15.2	56.5	61.5	64.5	70.6	71.5	75.7	78.5	78.9	82.4	83.5	83.7	87.2	87.8	89.7	91.3
IV 1800	15.2	56.9	61.5	64.5	70.6	71.5	75.7	78.7	79.1	82.6	83.7	83.9	87.4	87.9	89.9	91.5
IV 1500	15.2	57.4	62.1	65.2	71.5	72.3	77.2	80.3	80.7	84.4	85.6	85.8	89.5	90.1	92.2	94.1
IV 1200	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 1000	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 900	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 800	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 700	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 600	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 500	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 400	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 300	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 200	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 100	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9
IV 0	15.2	57.4	62.4	65.4	71.6	72.7	77.2	80.7	81.0	84.8	86.0	86.2	90.1	90.6	92.9	94.9

TOTAL NUMBER OF OBSERVATIONS

364

DATA PROCESSING DIVISION
USAF ETAC
AIR BATTERY SERVICE/AC

CEILING VERSUS VISIBILITY

17901 0-14-5 (OL 1) DATE 1961
STATION NAME

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.0	44.5	51.0	51.9	50.7	57.0	61.3	62.4	62.0	64.7	60.5	66.0	69.0	69.1	70.2	71.6
≥ 20000	44.5	50.5	52.0	55.0	57.0	58.7	62.0	63.7	63.8	66.0	61.7	68.1	70.2	70.6	71.5	72.9
IV 18000	44.5	50.5	52.0	55.3	56.2	59.0	62.2	64.2	64.2	66.5	63.3	68.8	70.7	71.1	72.0	73.4
IV 16000	44.7	50.7	53.2	55.7	56.7	59.6	63.2	64.5	64.7	67.0	64.0	69.1	71.3	71.6	72.3	73.9
IV 14000	44.7	50.7	53.2	55.7	56.7	59.6	63.2	64.7	64.9	67.2	64.0	69.3	71.5	71.8	72.7	74.1
IV 12000	44.7	50.9	53.4	55.9	59.0	59.9	64.0	65.1	65.2	67.6	64.3	69.7	71.8	72.2	73.0	74.5
IV 10000	45.2	51.4	54.1	56.7	59.9	60.8	64.9	66.0	66.1	68.6	70.4	70.7	73.0	73.4	74.0	76.2
IV 9000	45.7	52.0	54.6	57.3	60.3	61.3	65.4	66.5	66.7	69.1	70.9	71.1	73.6	73.9	75.2	76.8
IV 8000	46.0	53.0	55.7	58.3	61.5	62.4	67.0	68.3	68.4	71.5	73.2	73.6	76.1	76.4	77.7	79.3
IV 7000	46.0	54.3	56.7	59.8	64.4	65.2	70.0	71.8	72.0	75.5	77.5	77.8	80.9	81.2	82.4	84.4
IV 6000	46.0	54.3	57.1	59.9	64.5	65.4	70.1	72.0	72.2	75.7	77.7	78.2	81.2	81.7	83.0	84.9
IV 5000	46.0	54.4	57.3	60.1	64.7	65.6	71.1	72.3	72.5	76.1	78.0	78.5	81.0	81.6	83.3	85.3
IV 4500	46.0	54.4	57.3	60.1	64.7	65.6	71.1	72.3	72.5	76.1	78.0	78.5	81.0	81.6	83.3	85.3
IV 4000	46.2	54.8	57.6	60.5	65.1	66.0	71.5	72.7	72.9	76.4	78.4	78.9	81.9	82.4	83.7	85.0
IV 3500	46.2	55.0	57.8	60.6	65.2	66.1	71.6	72.9	73.0	76.6	78.7	79.1	82.4	83.0	84.2	86.2
IV 3000	46.7	56.0	58.9	61.7	66.3	67.2	73.0	74.3	74.5	78.0	80.1	80.7	84.0	84.6	85.0	87.6
IV 2500	49.5	56.6	59.4	62.4	67.2	68.1	73.9	75.2	75.4	78.9	81.0	81.6	84.9	85.3	86.7	88.7
IV 2000	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 1800	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 1500	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 1200	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 1000	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 900	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 800	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 700	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 600	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 500	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 400	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 300	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 200	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 100	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3
IV 0	49.6	57.3	60.1	63.3	68.0	69.5	75.9	77.3	77.5	81.7	83.9	84.4	87.8	88.3	89.5	91.3

TOTAL NUMBER OF OBSERVATIONS 304

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAW

CEILING VERSUS VISIBILITY

17901 RESULTS 5 1 001 API
STATION STATION NAME

57-66

YEARS

110

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 20000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 18000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 16000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 14000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 12000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 10000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 9000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 8000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 7000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 6000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 5000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 4500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 4000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 3500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 3000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 2500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 2000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 1800	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 1500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 1200	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 1000	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 900	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 800	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 700	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 600	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 500	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 400	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 300	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 200	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 100	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4
≥ 0	49.4	47.3	49.3	52.1	55.7	58.0	59.7	61.7	61.9	64.9	66.0	66.0	67.4	69.0	70.2	71.4

TOTAL NUMBER OF OBSERVATIONS

514

CEILING VERSUS VISIBILITY

179-1 INSTITUTE OF THE ART
STANDARD

57-66

1. 2. 45

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000
HOURS (LST)

VISIBILITY (STATUTE MILES)

[illegible]TOTAL NUMBER OF OBSERVATIONS 304

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

17961
STATION

NEEDSOTE SRT JMI JPI
STATION NAME

57-66
YEARS

1 FR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .5/8	≥ .5/4	≥ .5/16	≥ .5/8	≥ 0
NO CEILING ≥ 20000	44.4	51.7	52.7	56.7	58.0	59.3	61.5	61.8	61.8	64.7	65.9	65.9	69.1	69.1	70.0	71.7
IV 18000	44.4	51.7	53.3	56.7	59.0	59.3	61.5	62.2	62.2	65.2	66.4	66.4	69.8	69.8	70.7	71.8
IV 16000	44.4	51.7	53.3	56.7	59.0	59.3	61.5	62.2	62.2	65.2	66.4	66.4	69.8	69.8	70.7	71.8
IV 14000	44.0	51.9	53.3	56.8	59.1	59.5	61.9	62.7	62.7	65.7	67.0	67.0	70.3	70.3	71.2	72.5
IV 12000	44.0	51.9	53.3	56.8	59.1	59.5	61.9	62.7	62.7	65.7	67.0	67.0	70.3	70.3	71.2	72.5
IV 10000	45.1	53.3	54.9	58.3	60.7	61.1	63.4	64.3	64.3	67.3	68.6	68.6	72.5	72.5	73.4	74.6
IV 9000	45.8	54.2	55.0	59.3	62.0	62.3	64.7	65.5	65.5	68.7	70.2	70.2	74.0	74.0	75.3	76.7
IV 8000	47.4	56.0	56.1	62.0	64.8	65.4	67.2	68.7	68.7	72.1	73.5	73.5	76.3	76.3	79.2	80.4
IV 7000	48.7	57.2	57.7	63.9	67.3	68.6	70.7	71.6	71.6	75.3	76.7	76.7	82.4	82.4	83.5	84.7
IV 6000	49.0	57.7	60.2	64.5	67.9	68.6	71.2	72.1	72.1	76.0	77.4	77.4	83.1	83.1	84.2	85.4
IV 5000	49.0	57.7	60.2	64.5	67.9	68.6	71.2	72.1	72.1	76.0	77.4	77.4	83.1	83.1	84.2	85.4
IV 4500	49.0	57.7	60.2	64.5	67.9	68.6	71.2	72.1	72.1	76.0	77.4	77.4	83.1	83.1	84.2	85.4
IV 4000	49.0	57.7	60.2	64.5	68.0	68.7	71.4	72.3	72.3	76.7	78.2	78.2	83.8	83.8	84.9	86.1
IV 3500	49.0	57.7	60.2	64.7	68.2	68.9	71.6	72.5	72.5	76.9	78.3	78.3	84.0	84.0	85.1	86.3
IV 3000	49.0	57.7	60.2	64.7	68.4	69.1	71.6	72.6	72.6	77.1	78.5	78.5	84.2	84.2	85.3	86.5
IV 2500	49.2	58.3	60.7	65.5	69.3	70.0	72.6	73.5	73.5	79.0	80.5	80.5	86.1	86.1	87.2	88.5
IV 2000	50.6	60.0	63.2	68.0	72.5	73.2	76.0	76.9	76.9	83.1	85.3	85.3	91.5	91.5	92.7	94.0
IV 1800	50.6	60.0	63.2	68.0	72.5	73.2	76.0	76.9	76.9	83.1	85.3	85.3	91.5	91.5	92.7	94.0
IV 1500	50.6	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	84.7	87.0	87.0	93.6	93.6	95.2	96.4
IV 1200	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	84.9	87.2	87.2	94.0	94.0	95.6	96.8
IV 1000	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	84.9	87.2	87.2	94.0	94.0	95.6	96.8
IV 900	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	85.1	87.4	87.4	94.1	94.1	95.7	97.0
IV 800	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	85.1	87.4	87.4	94.1	94.1	95.7	97.0
IV 700	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	85.1	87.4	87.4	94.1	94.1	95.7	97.0
IV 600	50.8	60.2	64.1	68.9	73.9	74.6	77.4	78.3	78.3	85.1	87.4	87.4	94.1	94.1	95.7	97.0
IV 500	50.8	60.4	64.3	69.1	74.1	74.8	77.6	78.9	78.9	85.6	87.9	87.9	95.0	95.0	96.6	97.9
IV 400	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.0	85.8	88.1	88.1	95.2	95.2	96.8	98.0
IV 300	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.0	85.8	88.1	88.1	95.2	95.2	96.8	98.0
IV 200	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.0	85.8	88.1	88.1	95.2	95.2	96.8	98.0
IV 100	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.0	85.8	88.1	88.1	95.2	95.2	96.8	98.0
IV 0	50.8	60.6	64.3	69.3	74.2	75.0	77.8	79.0	79.0	85.8	88.1	88.1	95.2	95.2	96.8	98.0

TOTAL NUMBER OF OBSERVATIONS

563

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AMC

CEILING VERSUS VISIBILITY

17801
STATION

RESERVE SITE 011 001 001

27-65

YEARS

DATE

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	52.3	61.8	64.7	66.3	69.5	70.2	72.0	72.9	72.9	75.0	75.0	75.0	76.9	77.1	78.1	78.1
≥ 20000	52.3	61.8	64.7	66.3	69.5	70.2	72.0	72.9	72.9	75.0	75.0	75.0	76.9	77.1	78.1	78.1
IV 18000	52.3	61.9	64.8	66.5	69.7	70.3	72.1	73.1	73.1	75.2	76.0	76.0	77.1	77.3	78.2	78.2
IV 16000	52.3	61.9	64.8	66.5	69.7	70.3	72.1	73.1	73.1	75.2	76.0	76.0	77.1	77.3	78.2	78.2
IV 14000	52.4	62.1	65.0	66.6	69.8	70.5	72.2	73.2	73.2	75.3	76.1	76.1	77.3	77.4	78.4	78.4
IV 12000	52.6	62.6	65.5	67.1	70.3	71.0	73.4	73.7	73.7	75.8	76.6	76.6	77.7	77.9	78.9	78.9
IV 10000	52.9	63.1	66.0	67.6	70.4	71.5	73.9	74.2	74.2	76.3	77.1	77.1	78.2	78.4	79.4	79.4
IV 9000	52.9	63.2	66.1	67.7	71.1	71.8	74.2	74.5	74.5	76.6	77.6	77.6	78.7	78.9	79.9	79.9
IV 8000	53.5	63.0	67.9	69.5	73.1	73.7	77.3	77.6	77.6	79.7	81.0	81.0	82.1	82.5	84.7	84.7
IV 7000	54.4	66.3	69.5	71.1	75.2	75.8	79.5	80.0	80.0	82.1	83.4	83.4	84.5	85.0	87.4	87.4
IV 6000	55.0	67.5	70.5	72.3	76.3	76.9	80.0	81.1	81.1	83.2	84.7	84.7	85.9	87.7	89.2	89.2
IV 5000	55.2	67.4	70.6	72.4	76.3	77.1	80.0	81.3	81.3	83.4	84.8	84.8	86.0	87.7	89.5	89.5
IV 4500	55.2	67.4	70.6	72.4	76.3	77.1	80.0	81.3	81.3	83.4	84.8	84.8	86.0	87.7	89.5	89.5
IV 4000	55.2	67.4	70.6	72.4	76.3	77.1	80.0	81.3	81.3	83.4	84.8	84.8	86.0	87.7	89.5	89.5
IV 3500	55.2	67.6	71.0	72.9	76.9	77.6	81.3	81.8	81.8	83.9	85.3	85.3	86.1	88.7	90.2	90.2
IV 3000	55.2	67.7	71.1	73.2	77.4	78.1	81.9	82.4	82.4	84.5	86.0	86.0	87.7	90.3	91.6	91.8
IV 2500	55.2	67.7	71.1	73.5	77.9	78.5	82.7	83.2	83.2	85.3	86.8	86.8	88.2	90.5	91.1	92.6
IV 2000	55.5	68.7	72.3	75.0	79.4	80.0	84.2	84.7	84.7	86.8	88.2	88.2	89.9	92.6	94.0	94.0
IV 1800	55.5	68.7	72.3	75.2	79.5	80.2	84.4	84.8	84.8	86.9	88.4	88.4	90.1	92.7	94.2	94.2
IV 1500	56.1	69.7	73.2	76.5	80.8	81.5	86.0	86.5	86.5	88.5	90.2	90.2	91.9	94.5	96.0	96.0
IV 1200	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 1000	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 900	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 800	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 700	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 600	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 500	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 400	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 300	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 200	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 100	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1
IV 0	56.1	69.7	73.2	76.6	81.0	81.6	86.1	86.6	86.6	88.7	90.3	90.3	92.0	94.7	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

620

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE UNIT APT
STATION NAME

27-60
YEARS

AN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	70.3	61.8	65.2	66.5	69.5	69.7	71.9	72.1	72.1	73.5	74.0	74.0	74.0	74.0	75.2	75.6
IV 18000	70.3	61.8	65.2	66.5	69.5	69.7	71.9	72.1	72.1	73.5	74.0	74.0	74.0	74.0	75.2	75.6
IV 16000	70.3	61.8	65.2	66.5	69.5	69.7	71.9	72.1	72.1	73.5	74.0	74.0	74.0	74.0	75.2	75.6
IV 14000	70.3	62.1	65.5	66.8	69.5	70.0	72.4	72.4	72.4	73.9	74.4	74.4	74.4	75.2	75.5	76.0
IV 12000	70.3	62.1	65.6	66.9	70.0	70.2	72.4	72.6	72.6	74.0	74.5	74.5	74.5	75.3	75.6	76.1
IV 10000	70.6	62.6	66.1	67.4	70.5	70.6	72.9	73.1	73.1	74.5	75.0	75.0	75.0	75.8	76.1	76.6
IV 9000	70.6	62.7	66.5	67.7	71.0	71.1	72.9	73.5	73.5	75.0	75.6	75.6	75.6	76.5	76.8	77.3
IV 8000	72.1	64.8	68.5	70.0	73.2	73.4	76.5	76.6	76.6	78.2	78.9	78.9	80.6	81.0	81.9	81.9
IV 7000	73.1	67.3	71.1	72.6	76.6	76.8	80.2	81.0	81.0	82.6	83.2	83.2	85.2	85.5	86.6	86.6
IV 6000	73.2	67.7	72.3	73.7	77.7	77.9	81.3	82.1	82.1	83.7	84.5	84.5	86.9	87.3	88.4	88.4
IV 5000	73.2	67.7	72.3	73.7	77.7	77.9	81.3	82.1	82.1	83.7	84.5	84.5	87.1	87.4	88.5	88.5
IV 4500	73.2	67.7	72.3	73.7	77.7	77.9	81.3	82.1	82.1	83.7	84.5	84.5	87.1	87.4	88.5	88.5
IV 4000	73.2	67.9	72.4	74.0	78.1	78.2	81.6	82.4	82.4	84.0	84.8	84.8	87.4	87.7	88.9	88.9
IV 3500	73.2	67.9	72.4	74.0	78.2	78.4	81.6	82.6	82.6	84.2	85.0	85.0	87.7	88.1	89.2	89.2
IV 3000	73.7	68.4	73.2	75.2	79.5	79.7	83.2	84.0	84.0	85.6	86.5	86.5	89.8	90.2	91.3	91.3
IV 2500	74.0	69.0	74.0	76.1	80.8	81.0	84.5	85.5	85.5	87.1	87.9	88.1	91.3	91.6	92.7	92.9
IV 2000	74.0	69.0	74.0	76.1	80.8	81.0	84.5	85.5	85.5	87.1	87.9	88.1	91.3	91.6	92.7	92.9
IV 1800	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 1600	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 1400	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 1200	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 1000	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 900	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 800	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 700	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 600	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 500	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 400	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 300	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 200	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 100	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0
IV 0	74.5	69.7	74.7	77.6	82.4	82.6	86.5	87.3	87.3	89.0	90.0	90.2	93.4	93.7	94.8	95.0

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
USAF ETAC
710 DEARBORN DRIVE/HAL

CEILING VERSUS VISIBILITY

1/901
STATION

RESOLUTION NOT OBS. APT
STATION NAME

27-66
YEARS

AL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING ≥ 20000	43.3	33.7	33.0	36.9	60.3	60.3	63.0	66.3	66.6	64.3	69.4	69.4	70.3	70.8	71.3	71.3
IV 18000	43.7	33.9	33.2	37.1	60.3	60.3	63.2	66.6	66.8	64.7	69.5	69.5	70.6	71.0	71.5	71.5
IV 16000	43.4	34.0	33.3	37.3	60.6	60.6	63.3	66.9	67.0	64.9	69.7	69.7	70.8	71.1	71.9	71.9
IV 14000	43.4	34.0	33.3	37.3	60.6	60.6	63.3	66.9	67.0	64.9	69.7	69.7	70.8	71.1	71.9	71.9
IV 12000	46.0	34.4	33.8	37.6	61.1	61.1	66.0	67.4	67.6	69.5	70.3	70.3	71.5	71.8	72.6	72.6
IV 10000	44.2	34.6	34.1	38.1	61.6	61.6	66.2	68.1	68.2	70.2	71.0	71.0	72.1	72.4	73.2	73.2
IV 9000	45.3	35.1	37.4	39.4	62.7	62.9	67.7	69.4	69.5	71.5	72.3	72.3	73.4	73.7	74.5	74.5
IV 8000	45.3	35.5	37.7	39.8	63.4	63.4	68.2	69.8	70.0	71.9	72.7	72.7	74.0	74.4	75.2	75.2
IV 7000	46.3	37.7	39.4	61.9	63.3	63.3	70.6	72.4	72.6	74.8	75.6	75.6	77.4	77.7	78.7	79.0
IV 6000	46.9	34.4	61.8	64.8	66.9	69.2	74.2	76.1	76.3	79.0	79.8	79.8	82.3	82.6	83.3	84.2
IV 5000	47.4	60.0	62.6	66.0	70.3	70.6	75.8	77.9	78.1	80.8	81.6	81.6	84.0	84.4	85.3	86.0
IV 4500	48.2	61.0	63.7	67.1	71.2	71.6	76.9	79.0	79.2	81.9	82.7	82.7	85.2	85.5	86.5	87.1
IV 4000	49.2	61.0	63.7	67.3	71.8	72.1	77.3	79.4	79.5	82.3	83.1	83.1	85.5	85.8	86.8	87.4
IV 3500	48.2	61.3	64.0	67.6	72.1	72.4	77.6	79.8	79.8	82.6	83.4	83.4	85.8	86.1	87.1	87.7
IV 3000	48.2	61.3	64.2	67.9	72.7	73.1	78.5	80.8	81.0	83.9	84.7	84.7	87.3	87.6	88.7	89.4
IV 2500	48.4	61.6	64.4	68.2	73.4	73.7	79.2	81.5	81.6	84.5	85.3	85.3	87.9	88.2	89.4	90.0
IV 2000	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1800	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1600	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1400	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1200	49.2	62.4	65.2	69.2	74.7	75.0	80.3	83.4	83.7	86.6	87.4	87.4	90.5	90.8	91.9	92.6
IV 1000	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 900	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 800	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 700	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 600	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 500	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 400	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 300	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 200	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 100	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8
IV 0	49.4	62.7	65.6	70.2	76.1	76.3	82.7	85.3	85.6	89.4	90.3	90.3	93.9	94.4	96.0	96.8

TOTAL NUMBER OF OBSERVATIONS

627

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT DIST APT
STATION NAME

57-66
YEARS

AK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.1	30.5	34.4	38.1	61.0	62.1	65.2	67.4	67.6	69.4	70.2	70.2	71.0	71.6	73.1	73.5
≥ 20000	41.5	31.0	34.8	38.7	62.3	62.7	66.1	68.1	68.2	70.0	70.8	70.8	71.2	72.1	72.3	73.7
≥ 18000	41.0	31.1	35.3	39.2	62.7	63.2	66.0	68.5	68.7	70.5	71.3	71.3	72.7	72.9	74.7	75.5
≥ 16000	41.0	31.1	35.3	39.2	62.7	63.2	66.0	68.5	68.7	70.5	71.3	71.3	72.7	72.9	74.7	75.5
≥ 14000	41.0	31.8	36.0	39.8	63.4	63.9	67.0	69.7	69.8	71.6	72.4	72.4	73.9	74.0	75.0	76.6
≥ 12000	41.0	31.9	36.1	40.3	64.2	64.7	68.4	70.5	70.6	72.6	73.4	73.4	74.8	75.0	76.0	77.4
≥ 10000	42.6	32.9	37.3	41.5	65.3	65.8	69.5	71.6	71.9	73.9	74.7	74.7	76.1	76.3	78.1	78.9
≥ 9000	42.7	33.1	37.4	41.6	65.5	66.0	69.7	71.8	72.1	74.0	74.8	74.8	76.5	76.6	78.4	79.2
≥ 8000	42.9	33.5	38.2	42.6	66.8	67.4	71.1	73.2	73.5	75.8	76.8	76.8	78.3	78.7	80.5	81.3
≥ 7000	43.1	33.0	39.7	44.5	69.4	69.8	73.7	76.3	76.6	79.4	80.6	80.6	82.7	82.9	84.6	86.0
≥ 6000	43.2	33.6	40.5	45.5	70.5	71.0	74.6	77.7	78.1	81.3	82.0	82.6	84.8	85.2	87.3	88.5
≥ 5000	43.2	33.8	40.6	45.6	70.6	71.3	75.2	78.1	78.4	81.6	82.9	82.7	85.2	85.5	87.6	88.9
≥ 4500	43.2	33.6	40.6	45.6	70.6	71.3	75.2	78.1	78.4	81.6	82.9	82.7	85.2	85.5	87.6	88.9
≥ 4000	43.4	34.1	41.0	46.0	71.1	71.6	75.5	78.5	78.9	82.1	83.4	83.4	85.6	86.0	88.1	89.4
≥ 3500	43.4	34.1	41.0	46.0	71.1	71.6	75.5	78.5	78.9	82.1	83.4	83.4	85.6	86.0	88.1	89.4
≥ 3000	43.2	34.3	41.1	46.1	71.3	71.9	76.0	79.0	79.4	82.6	83.9	83.9	86.1	86.5	88.5	89.8
≥ 2500	43.5	35.3	41.3	46.6	71.9	72.6	76.8	79.8	80.2	83.4	85.0	85.0	87.3	87.6	89.7	91.0
≥ 2000	44.2	35.9	41.9	47.4	72.7	73.4	77.0	80.6	81.0	84.5	86.3	86.3	88.7	89.0	91.1	92.4
≥ 1800	44.2	36.9	41.9	47.4	72.7	73.4	77.0	80.6	81.0	84.5	86.3	86.3	88.7	89.0	91.1	92.4
≥ 1500	44.4	37.1	42.1	47.6	72.9	73.5	77.2	81.3	81.6	85.3	87.3	87.3	89.8	90.2	92.3	93.5
≥ 1200	44.4	37.1	42.1	47.6	72.9	73.5	77.2	81.3	81.6	85.3	87.4	87.4	90.0	90.3	92.6	93.9
≥ 1000	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	85.8	87.9	87.9	90.5	90.8	93.2	95.5
≥ 900	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	85.8	88.1	88.1	90.8	91.1	93.5	96.0
≥ 800	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	91.8	94.2	96.6
≥ 700	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	91.9	94.5	97.3
≥ 600	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	94.7	97.4
≥ 500	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.0	98.1
≥ 400	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.0	98.2
≥ 300	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.3	98.4
≥ 200	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.5	98.9
≥ 100	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.5	98.9
≥ 0	44.4	37.1	42.1	47.6	72.9	73.7	76.1	81.5	81.9	86.1	88.5	88.5	91.3	92.1	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 620

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

1/901
STATION

RESOLUTE AFB DUTY APT
STATION NAME

57-66
YEARS

1 AK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.2	53.9	50.6	60.5	63.5	63.7	60.5	67.0	67.7	69.7	70.0	70.0	71.0	71.9	72.1	72.9
≥ 20000	43.5	54.5	57.4	61.3	64.4	64.5	67.3	68.4	69.5	70.6	71.6	71.6	72.7	72.9	73.7	73.9
≥ 18000	43.9	55.6	56.7	62.6	65.6	65.8	68.5	69.7	69.8	71.9	72.9	72.9	74.4	74.5	75.5	75.6
≥ 16000	43.9	55.6	56.7	62.6	65.6	65.8	68.5	69.7	69.8	71.9	72.9	72.9	74.4	74.5	75.5	75.6
≥ 14000	44.5	56.5	57.7	63.5	66.9	67.1	70.0	71.1	71.6	73.9	74.8	74.8	76.3	76.5	77.4	77.6
≥ 12000	44.7	56.9	60.2	64.2	67.7	67.9	70.8	71.9	72.4	75.2	76.3	76.3	77.7	77.9	79.0	79.2
≥ 10000	45.0	57.3	60.5	64.5	68.2	68.4	71.3	72.4	72.9	75.8	76.9	76.9	78.4	78.5	79.7	79.8
≥ 9000	45.0	57.3	60.5	64.5	68.2	68.4	71.3	72.4	72.9	75.8	76.9	76.9	78.4	78.5	79.7	79.8
≥ 8000	45.5	57.9	61.1	65.3	69.2	69.4	72.0	74.2	74.7	77.7	78.9	78.9	80.3	80.5	81.8	82.1
≥ 7000	45.5	58.4	61.6	66.0	70.5	70.6	74.2	76.0	76.5	80.0	81.1	81.1	83.2	83.4	84.8	85.4
≥ 6000	45.6	58.9	62.1	66.5	71.3	71.5	75.5	77.6	78.1	81.8	83.2	83.2	85.5	85.6	87.1	87.9
≥ 5000	45.6	59.2	62.4	66.8	71.6	71.8	75.8	77.9	78.4	82.1	83.5	83.5	85.8	86.0	87.4	88.2
≥ 4500	45.6	59.2	62.4	66.8	71.6	71.8	75.8	77.9	78.4	82.1	83.5	83.5	85.8	86.0	87.4	88.2
≥ 4000	45.6	59.4	62.6	66.9	71.6	71.9	76.0	78.1	78.5	82.4	83.9	83.9	86.1	86.3	87.7	88.5
≥ 3500	46.0	59.7	62.9	67.3	72.1	72.3	76.3	78.4	78.9	82.9	84.4	84.4	86.6	86.8	88.2	89.0
≥ 3000	46.3	60.3	63.7	68.2	73.2	73.4	77.0	79.7	80.2	84.4	85.8	85.8	88.1	88.4	89.8	90.6
≥ 2500	46.5	60.3	63.7	68.2	73.4	73.5	77.7	80.0	80.5	84.7	86.1	86.1	88.4	88.9	90.3	91.1
≥ 2000	46.5	60.3	63.7	68.4	74.0	74.2	78.4	80.6	81.1	85.8	87.3	87.3	89.5	90.0	91.0	92.4
≥ 1800	46.5	60.3	63.7	68.4	74.2	74.5	78.7	81.0	81.5	86.3	87.9	87.9	90.2	90.6	92.4	93.4
≥ 1500	46.5	60.3	63.7	68.4	74.2	74.5	78.7	81.0	81.5	86.3	87.9	87.9	90.2	90.6	92.4	93.4
≥ 1200	46.6	60.5	63.9	68.5	74.4	74.7	78.9	81.3	81.8	86.6	88.2	88.2	90.5	91.0	92.7	93.7
≥ 1000	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 900	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 800	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 700	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 600	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 500	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 400	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 300	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 200	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 100	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1
≥ 0	46.6	60.8	64.2	68.9	74.7	75.0	79.2	81.6	82.1	87.4	89.5	89.5	91.9	92.4	94.4	96.1

TOTAL NUMBER OF OBSERVATIONS

640

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESULTE AIR UNIT APT
STATION NAME

27-66
YEARS

1-1
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	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	45.5	54.7	58.8	61.1	64.8	65.5	67.7	70.0	70.0	71.9	73.2	73.2	73.5	73.7	74.5	74.5
≥ 20000	45.0	54.6	58.9	61.3	65.5	66.1	68.5	70.6	70.6	72.6	73.9	73.9	74.2	74.4	75.2	75.2
WV 18000	46.1	55.6	57.7	62.1	66.3	66.9	69.4	71.5	71.5	74.0	75.5	75.5	76.1	76.3	77.1	77.1
WV 16000	46.3	55.8	57.9	62.3	66.5	67.1	69.5	71.6	71.6	74.2	75.6	75.6	76.3	76.5	77.3	77.3
WV 14000	46.8	56.3	58.4	62.7	66.9	67.6	70.0	72.3	72.3	75.2	76.6	76.6	77.4	77.6	78.4	78.4
WV 12000	46.8	56.6	58.7	63.1	67.3	67.9	70.5	72.9	72.9	76.0	77.4	77.4	78.2	78.4	79.2	79.2
WV 10000	46.8	56.6	58.9	63.2	67.6	68.2	71.0	73.4	73.4	76.6	78.2	78.2	79.0	79.2	80.2	80.2
WV 9000	46.8	56.8	59.0	63.4	67.7	68.4	71.5	74.0	74.0	77.3	78.9	78.9	79.7	79.8	80.8	80.8
WV 8000	47.4	58.4	60.8	65.2	69.5	70.2	73.7	76.5	76.6	79.8	81.5	81.5	82.3	82.4	83.4	83.4
WV 7000	47.6	59.2	61.8	66.1	71.1	71.9	76.5	79.0	79.2	82.7	84.5	84.5	86.0	86.1	87.1	88.4
WV 6000	48.1	59.7	62.3	66.6	71.8	72.6	76.9	79.7	79.8	83.7	85.5	85.5	87.3	87.6	88.5	89.8
WV 5000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 4500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 4000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 3500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 3000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 2500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 2000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 1800	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 1500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 1200	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 1000	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 900	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 800	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 700	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 600	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 500	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 400	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 300	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 200	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 100	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0
WV 0	48.2	59.8	62.4	66.8	71.9	72.7	77.1	79.8	80.0	83.9	85.6	85.6	87.4	87.7	88.7	90.0

TOTAL NUMBER OF OBSERVATIONS

620

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE BAY DTG API
STATION NAME

57-66
YEARS

1960
MONTH

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	54.4	60.5	63.7	67.7	69.5	70.9	71.5	72.3	72.7	72.7	73.4	73.5	73.7	73.9	
≥ 20000	48.9	54.0	61.1	64.4	68.7	69.5	71.0	72.4	72.4	73.2	73.7	73.7	74.4	74.5	74.7	74.8
IV 18000	48.9	54.5	61.1	63.0	69.4	70.2	72.3	73.1	73.1	74.2	74.7	74.7	75.5	75.6	75.6	76.0
IV 16000	49.0	54.7	61.9	65.2	69.5	70.3	72.4	73.2	73.2	74.4	74.8	74.8	75.6	75.8	76.0	76.1
IV 14000	49.5	60.2	62.4	65.5	70.3	71.1	73.2	74.0	74.0	75.3	75.8	75.8	77.1	77.3	77.4	77.5
IV 12000	49.7	60.6	62.9	66.3	71.1	72.1	74.4	75.2	75.2	76.5	76.9	76.9	78.2	78.4	78.5	78.7
IV 10000	49.7	60.8	63.1	66.6	71.5	72.4	74.7	75.6	75.6	76.9	77.4	77.4	78.7	78.9	79.0	79.2
IV 9000	49.7	60.8	63.1	66.8	71.6	72.6	74.9	75.8	75.8	77.1	77.6	77.6	79.0	79.2	79.5	79.7
IV 8000	50.3	62.1	64.4	68.5	73.9	74.8	77.7	78.9	78.9	80.2	80.6	80.6	82.4	82.6	82.9	83.2
IV 7000	51.0	63.4	65.8	70.0	75.3	76.3	80.3	81.6	81.6	83.5	84.0	84.0	86.0	86.1	87.5	88.1
IV 6000	51.0	63.5	66.0	70.2	75.5	76.5	80.5	82.1	82.1	84.2	84.7	84.7	86.6	86.8	88.1	89.0
IV 5000	51.0	63.5	66.0	70.2	75.5	76.5	80.5	82.1	82.1	84.2	84.7	84.7	86.6	86.8	88.1	89.0
IV 4500	51.1	63.7	66.1	70.3	75.6	76.6	80.6	82.3	82.3	84.4	85.0	85.0	86.9	87.1	88.4	89.4
IV 4000	51.1	63.9	66.3	71.0	76.3	77.3	81.5	82.9	82.9	85.0	85.6	85.6	87.6	87.7	89.0	90.0
IV 3500	51.1	63.9	66.3	71.0	76.5	77.4	81.6	83.2	83.2	85.5	86.1	86.1	88.1	88.2	89.5	90.5
IV 3000	51.1	64.5	67.1	71.8	77.5	78.2	82.7	84.5	84.5	86.9	87.6	87.6	89.5	89.7	91.0	91.9
IV 2500	51.3	64.7	67.3	71.9	77.4	78.4	82.9	84.7	84.7	87.1	87.7	87.7	89.7	89.8	91.1	92.1
IV 2000	51.0	65.3	67.9	72.9	78.4	79.4	83.9	85.6	85.6	88.4	89.2	89.2	91.1	91.5	92.7	93.7
IV 1800	51.0	65.3	67.9	72.9	78.4	79.4	83.9	85.6	85.6	88.4	89.2	89.2	91.1	91.5	92.7	93.7
IV 1500	51.0	65.3	67.9	72.9	78.5	79.5	84.2	86.1	86.3	88.9	90.0	90.2	92.1	92.4	94.5	95.6
IV 1200	51.8	65.5	68.1	73.1	78.7	79.7	84.5	86.5	86.6	89.2	90.5	90.6	92.6	92.9	95.0	96.1
IV 1000	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 900	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 800	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 700	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 600	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 500	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 400	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 300	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 200	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 100	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2
IV 0	51.8	65.5	68.1	73.1	78.9	79.8	84.5	86.9	87.1	91.1	92.4	92.6	94.7	95.0	97.1	98.2

TOTAL NUMBER OF OBSERVATIONS

640

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/40

CEILING VERSUS VISIBILITY

17921
STATION

RESERVE AND USE API
STATION NAME

57-66
YEARS

04
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.1	61.8	64.0	67.3	69.4	69.7	71.4	71.9	72.1	73.5	74.4	74.4	75.5	75.6	76.0	76.8
≥ 20000	51.3	61.5	65.0	67.4	69.5	69.8	72.1	72.1	72.3	73.7	74.5	74.5	75.6	75.8	76.0	76.9
≥ 18000	51.3	61.9	65.0	67.4	69.5	69.8	72.1	72.1	72.3	73.7	74.5	74.5	75.6	75.8	76.0	76.9
≥ 16000	51.3	62.1	65.2	67.6	69.7	70.0	72.3	72.3	72.4	73.9	74.7	74.7	75.8	76.0	76.1	77.1
≥ 14000	51.0	62.4	65.5	67.9	70.0	70.3	72.0	72.6	72.7	74.4	75.2	75.2	76.3	76.5	77.4	77.7
≥ 12000	52.3	63.2	66.5	68.9	71.0	71.3	73.5	73.5	73.7	75.3	76.1	76.1	77.3	77.4	78.4	78.7
≥ 10000	52.6	64.0	67.3	69.7	71.8	72.1	74.4	74.4	74.5	76.3	77.1	77.1	78.2	78.4	79.4	79.7
≥ 9000	52.7	64.4	67.6	70.0	72.3	72.6	74.6	74.8	75.0	76.8	77.7	77.7	78.9	79.0	80.2	80.5
≥ 8000	53.5	65.3	68.7	71.1	73.5	73.9	76.5	76.5	76.6	78.4	79.5	79.5	81.3	81.6	82.9	83.4
≥ 7000	54.4	67.4	71.1	74.0	77.1	77.7	80.5	80.5	80.6	82.4	83.5	83.5	85.3	85.6	87.7	88.2
≥ 6000	54.4	67.6	71.3	74.2	77.3	77.9	80.5	80.8	81.0	82.7	84.2	84.2	86.1	86.5	88.3	89.0
≥ 5000	54.4	67.7	71.5	74.4	77.4	78.1	80.6	81.0	81.1	82.9	84.4	84.4	86.3	86.6	88.7	89.2
≥ 4500	54.4	67.7	71.5	74.4	77.4	78.1	80.6	81.0	81.1	82.9	84.4	84.4	86.3	86.6	88.7	89.2
≥ 4000	54.4	67.7	71.5	74.5	77.7	78.4	81.0	81.3	81.5	83.2	84.7	84.7	86.6	86.9	89.0	89.5
≥ 3500	54.4	67.7	71.5	74.5	78.2	78.9	81.5	81.9	82.1	83.9	85.3	85.3	87.3	87.6	89.7	90.2
≥ 3000	54.7	68.2	71.9	75.0	78.4	79.7	82.4	82.9	83.1	84.8	86.3	86.3	88.5	88.9	91.0	91.5
≥ 2500	55.0	68.5	72.4	75.5	79.4	80.2	82.9	83.4	83.5	85.3	86.8	86.8	89.4	89.7	91.8	92.3
≥ 2000	55.0	68.7	72.7	76.0	79.6	80.6	83.4	84.4	84.5	86.5	87.9	87.9	90.5	90.8	92.9	93.4
≥ 1800	55.0	68.7	72.7	76.1	80.0	80.8	84.2	84.7	84.8	86.8	88.2	88.2	90.8	91.1	93.2	93.7
≥ 1500	55.2	69.0	73.1	76.5	80.6	81.6	85.0	85.5	85.6	88.1	89.7	89.7	92.4	92.7	94.8	95.3
≥ 1200	55.2	69.0	73.1	76.5	80.6	81.6	85.0	85.5	85.6	88.1	89.7	89.7	92.4	92.7	94.8	95.3
≥ 1000	55.2	69.2	73.2	76.6	81.0	81.9	85.5	86.0	86.3	89.4	91.3	91.3	94.2	94.5	96.6	97.3
≥ 900	55.2	69.2	73.2	76.6	81.0	81.9	85.5	86.0	86.3	89.4	91.3	91.3	94.2	94.5	96.6	97.3
≥ 800	55.2	69.2	73.2	76.6	81.0	81.9	85.5	86.0	86.3	89.4	91.3	91.3	94.2	94.5	96.6	97.3
≥ 700	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 600	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 500	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 400	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 300	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 200	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 100	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7
≥ 0	55.2	69.2	73.2	76.6	81.1	82.1	86.0	86.5	86.6	90.2	92.1	92.1	95.0	95.3	97.4	97.7

TOTAL NUMBER OF OBSERVATIONS

640

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE POINT, WY
STATION NAME

27-66
YEARS

11 M
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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	49.2	58.8	60.7	62.5	64.0	64.5	67.0	68.0	68.0	69.2	69.5	69.5	69.5	69.5	70.3	70.2
≥ 20000	49.5	59.3	61.2	63.0	64.5	64.5	67.5	68.5	68.5	70.0	70.3	70.3	70.3	70.3	71.0	71.0
IV 18000	49.7	59.8	61.0	63.7	65.2	65.2	68.5	69.5	69.5	71.0	71.3	71.3	71.3	71.3	71.7	72.0
IV 16000	49.7	59.8	61.0	63.7	65.2	65.2	68.5	69.5	69.5	71.2	71.5	71.5	71.5	71.5	71.8	72.3
IV 14000	50.7	60.8	62.8	64.7	66.2	66.2	69.5	70.8	70.8	72.3	72.7	72.7	72.7	72.7	73.0	73.5
IV 12000	50.7	60.8	62.8	64.7	66.2	66.2	69.5	70.8	70.8	72.3	72.7	72.7	72.7	72.7	73.0	73.5
IV 10000	51.2	61.8	63.0	65.8	67.7	67.7	71.2	72.5	72.5	74.0	74.3	74.3	74.3	74.3	74.7	75.0
IV 9000	51.3	62.7	64.7	66.7	68.5	68.5	72.0	73.3	73.3	74.8	75.2	75.2	75.2	75.2	75.5	76.0
IV 8000	52.0	63.8	66.5	68.5	70.8	70.8	75.0	76.5	76.5	78.3	78.8	78.8	78.8	78.8	79.2	79.7
IV 7000	52.7	65.2	68.0	70.0	72.5	72.5	77.5	79.2	79.2	82.7	83.3	83.3	83.3	83.3	84.0	85.0
IV 6000	52.8	65.5	68.3	70.5	73.5	73.5	78.5	80.3	80.3	84.0	84.8	84.8	84.8	84.8	85.5	86.5
IV 5000	53.0	66.0	68.8	71.0	74.2	74.2	79.2	81.5	81.5	85.0	85.8	85.8	85.8	85.8	86.5	87.5
IV 4500	53.2	66.3	69.2	71.3	74.5	74.5	79.5	81.7	81.7	85.3	86.2	86.2	86.2	86.2	86.8	87.8
IV 4000	53.5	66.7	69.5	71.7	74.8	74.8	80.0	82.2	82.2	85.8	86.7	86.7	86.7	86.7	87.3	88.3
IV 3500	53.5	66.8	69.7	71.8	75.2	75.2	80.5	82.7	82.7	86.3	87.2	87.2	87.2	87.2	87.8	88.8
IV 3000	53.7	67.5	70.7	73.2	77.0	77.2	82.5	84.5	84.5	88.5	89.7	89.7	89.7	89.7	90.3	91.5
IV 2500	53.8	67.8	71.0	73.7	77.7	77.8	83.2	85.3	85.3	89.3	90.5	90.5	90.5	90.5	91.3	92.0
IV 2000	54.2	68.5	71.7	74.3	79.7	79.8	85.2	87.8	87.8	92.0	93.2	93.2	93.2	93.2	94.0	95.5
IV 1800	54.2	68.5	71.7	75.0	79.8	80.0	85.5	88.2	88.2	92.3	93.5	93.5	93.5	93.5	94.3	95.5
IV 1500	54.2	68.7	71.8	75.5	80.5	80.7	86.2	88.8	88.8	93.0	94.2	94.2	94.2	94.2	95.0	96.2
IV 1200	54.3	69.2	72.3	76.0	81.0	81.2	86.7	89.3	89.3	93.5	94.7	94.7	94.7	94.7	95.5	96.7
IV 1000	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.2	90.2	94.3	95.5	95.5	95.5	95.5	96.5	97.3
IV 900	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.5	95.7	95.7	95.7	95.7	96.7	97.5
IV 800	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.5	95.7	95.7	95.7	95.7	96.7	97.5
IV 700	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.5	95.7	95.7	95.7	95.7	96.7	97.5
IV 600	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.8	97.2
IV 500	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.8	97.3
IV 400	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.8	97.3
IV 300	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.8	97.3
IV 200	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.8	97.3
IV 100	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.8	97.7
IV 0	54.3	69.2	72.3	76.0	81.3	81.5	87.5	90.3	90.3	94.7	95.8	95.8	95.8	95.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

RESILUTE GFT DFL APT
STATION NAME

37-66
YEARS

LPK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING	78.0	58.0	60.8	61.5	62.5	62.5	60.5	67.3	67.3	68.0	68.2	68.2	68.5	68.8	69.2	69.2
IV 20000	60.0	59.0	61.6	62.5	63.5	63.5	67.5	68.3	68.3	69.0	69.2	69.2	69.5	69.5	69.5	70.0
IV 18000	60.0	59.0	61.6	62.5	63.5	63.5	67.5	68.7	68.7	69.7	69.8	69.8	70.2	70.2	70.3	70.7
IV 16000	69.0	58.2	62.0	62.7	63.7	63.7	67.7	68.8	68.8	69.8	70.0	70.0	70.3	70.3	70.7	70.7
IV 14000	69.2	59.3	62.3	63.0	64.0	64.0	68.0	69.2	69.2	70.3	70.5	70.5	70.8	70.8	71.2	71.3
IV 12000	69.2	59.3	62.3	63.0	64.0	64.0	68.0	69.2	69.2	70.3	70.5	70.5	70.8	70.8	71.2	71.3
IV 10000	69.2	59.3	62.3	63.0	64.0	64.0	68.0	69.2	69.2	70.3	70.5	70.5	70.8	70.8	71.2	71.3
IV 9000	69.2	59.3	62.3	63.0	64.0	64.0	68.0	69.2	69.2	70.3	70.5	70.5	70.8	70.8	71.2	71.3
IV 8000	50.3	61.8	66.2	67.2	68.0	68.0	73.3	75.2	75.2	76.3	76.7	76.7	77.0	77.0	77.2	78.0
IV 7000	50.3	62.2	66.5	67.8	70.5	70.5	75.3	77.7	77.7	78.3	81.0	81.0	81.3	81.3	81.7	82.7
IV 6000	50.7	62.3	67.0	68.3	71.2	71.2	76.5	79.0	79.0	81.8	82.7	82.7	83.0	83.0	83.3	84.3
IV 5000	50.8	62.7	67.3	68.7	71.7	71.7	77.2	79.7	79.7	82.7	83.5	83.5	83.8	83.8	84.2	85.2
IV 4500	50.8	62.7	67.3	68.8	71.8	71.8	77.3	79.8	79.8	82.8	83.7	83.7	84.0	84.0	84.3	85.3
IV 4000	51.2	63.0	67.8	69.2	72.3	72.3	78.0	80.5	80.5	83.5	84.3	84.3	84.7	84.7	85.0	86.0
IV 3500	51.3	63.2	68.3	69.8	73.3	73.3	79.0	81.5	81.5	84.5	85.3	85.3	85.7	85.7	86.0	87.0
IV 3000	51.6	63.7	69.0	70.8	75.2	75.3	81.0	83.7	83.7	86.7	87.5	87.5	88.3	88.3	89.0	90.0
IV 2500	52.2	64.0	69.5	71.7	76.0	76.2	82.0	84.8	84.8	88.7	89.5	89.5	89.8	89.8	90.2	91.2
IV 2000	52.3	64.2	69.7	71.8	76.7	76.8	82.0	86.0	86.0	90.2	91.2	91.2	91.5	91.5	91.7	93.2
IV 1800	52.3	64.3	69.8	72.0	76.8	77.0	83.0	86.2	86.2	90.3	91.3	91.3	91.7	91.7	92.0	93.3
IV 1500	52.3	64.7	70.2	72.5	77.5	77.7	83.5	87.2	87.2	91.8	92.8	92.8	93.3	93.3	93.8	95.2
IV 1200	52.3	65.0	70.5	72.8	78.2	78.3	84.5	87.8	87.8	92.7	93.7	93.7	94.2	94.2	94.7	96.0
IV 1000	52.7	65.2	70.7	73.0	78.5	78.7	85.0	89.0	89.0	93.8	94.8	94.8	95.7	95.7	96.2	97.1
IV 900	52.7	65.2	70.7	73.0	78.5	78.7	85.0	89.0	89.0	93.8	94.8	94.8	95.7	95.7	96.2	97.1
IV 800	52.7	65.2	70.7	73.0	78.5	78.7	85.0	89.0	89.0	93.8	94.8	94.8	95.7	95.7	96.2	97.1
IV 700	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.2	95.5	95.5	96.3	96.3	96.7	98.7
IV 600	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.2	95.5	95.5	96.3	96.3	96.7	98.7
IV 500	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 400	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 300	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 200	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 100	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.7	95.7	96.5	96.5	97.0	98.8
IV 0	52.7	65.3	70.8	73.2	78.8	79.0	85.3	89.3	89.3	94.3	95.8	95.8	96.7	96.7	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

500

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE SURVIVAL SCHOOL

CEILING VERSUS VISIBILITY

17501
STATION

CEILING VERSUS VISIBILITY
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.2	57.3	61.3	63.2	66.3	67.2	70.1	72.3	72.3	73.2	73.3	73.3	73.3	73.3	73.7	73.8
≥ 20000	50.3	57.2	61.2	64.3	67.7	68.3	71.6	73.8	73.8	74.7	74.8	74.8	75.0	75.0	75.3	75.4
≥ 18000	51.3	57.0	63.0	65.2	68.3	69.2	73.0	75.0	75.0	75.8	76.0	76.0	76.7	76.7	77.0	77.2
≥ 16000	51.7	57.3	63.3	65.5	68.0	69.3	73.3	75.3	75.3	76.2	76.3	76.3	77.0	77.0	77.3	77.5
≥ 14000	52.0	57.6	63.5	66.0	69.3	70.0	74.0	76.0	76.0	76.8	77.0	77.0	77.7	77.7	78.0	78.2
≥ 12000	52.0	58.0	64.0	66.2	69.5	70.3	74.3	76.3	76.3	77.2	77.3	77.3	78.0	78.0	78.2	78.7
≥ 10000	52.7	58.7	64.7	66.3	70.2	71.0	75.0	77.0	77.0	77.8	78.0	78.0	78.7	78.7	79.2	79.3
≥ 9000	53.3	58.3	65.3	67.5	70.0	71.7	75.0	77.8	77.8	78.7	78.8	78.8	79.5	79.5	80.0	80.2
≥ 8000	53.7	58.8	66.0	68.3	72.3	73.3	77.7	79.8	79.8	80.8	81.0	81.0	81.7	81.7	82.3	82.5
≥ 7000	53.7	58.3	66.5	68.8	73.3	74.3	78.0	81.0	81.0	83.3	83.7	83.7	84.3	84.3	85.0	85.2
≥ 6000	53.8	58.5	66.7	69.0	73.5	74.5	79.2	81.7	81.7	84.0	84.3	84.3	85.0	85.0	85.8	86.0
≥ 5000	54.3	59.0	67.2	69.5	74.0	75.0	79.7	82.3	82.3	84.7	85.0	85.0	85.7	85.7	86.5	86.7
≥ 4500	54.3	59.0	67.2	69.5	74.2	75.2	79.8	82.5	82.5	84.8	85.2	85.2	85.8	85.8	86.7	86.8
≥ 4000	54.5	59.3	67.7	70.0	74.7	75.8	80.7	83.3	83.3	85.7	86.2	86.2	86.8	86.8	87.8	88.0
≥ 3500	54.5	59.3	67.7	70.0	74.7	75.8	80.7	83.3	83.3	85.7	86.2	86.2	86.8	86.8	87.8	88.0
≥ 3000	55.2	59.0	68.5	70.8	75.7	76.8	81.7	84.3	84.3	87.2	87.8	87.8	88.5	88.5	89.5	89.7
≥ 2500	55.2	59.2	68.6	71.2	76.5	77.7	82.7	85.5	85.5	88.5	89.2	89.2	89.8	89.8	90.8	91.0
≥ 2000	55.3	59.3	69.0	71.8	77.2	78.3	83.7	86.5	86.5	89.8	90.5	90.7	91.3	91.3	92.3	92.5
≥ 1800	55.3	59.3	69.0	71.8	77.2	78.3	83.7	86.5	86.5	89.8	90.5	90.7	91.3	91.3	92.3	92.5
≥ 1500	55.7	59.7	69.5	72.3	77.7	78.8	84.3	88.2	88.3	92.0	92.7	92.8	93.7	93.7	94.7	94.8
≥ 1200	55.7	59.7	69.7	72.8	78.0	79.2	84.7	88.7	88.8	92.3	93.2	93.3	94.2	94.2	95.2	95.3
≥ 1000	55.8	59.7	70.0	72.8	78.3	79.5	85.3	89.5	89.7	93.3	94.5	94.7	95.7	95.7	96.7	97.7
≥ 900	55.8	59.7	70.0	72.8	78.3	79.5	85.3	89.5	89.7	93.3	94.5	94.7	95.7	95.8	96.8	97.8
≥ 800	55.8	59.7	70.0	72.8	78.3	79.5	85.3	89.5	89.7	93.3	94.5	94.7	95.8	96.0	97.2	98.2
≥ 700	55.8	59.7	70.2	73.0	78.5	79.7	85.5	89.7	89.8	93.5	94.7	94.8	96.0	96.2	97.3	98.3
≥ 600	55.8	59.7	70.2	73.0	78.5	79.7	85.5	89.7	89.8	93.5	94.7	94.8	96.0	96.2	97.3	98.3
≥ 500	55.8	59.7	70.2	73.0	78.5	79.7	85.5	89.7	89.8	93.5	94.7	94.8	96.0	96.2	97.3	98.3
≥ 400	55.8	59.7	70.2	73.0	78.5	79.7	85.5	89.7	89.8	93.5	94.7	94.8	96.0	96.2	97.3	98.3
≥ 300	55.8	59.7	70.2	73.0	78.5	79.7	85.5	89.7	89.8	93.5	94.7	94.8	96.0	96.2	97.3	98.3
≥ 200	55.8	59.7	70.2	73.0	78.5	79.7	85.5	89.7	89.8	93.5	94.7	94.8	96.0	96.2	97.3	98.3
≥ 100	55.8	59.7	70.2	73.0	78.5	79.7	85.5	89.7	89.8	93.5	94.7	94.8	96.0	96.2	97.3	98.3
≥ 0	55.8	59.7	70.2	73.0	78.5	79.7	85.5	89.7	89.8	93.5	94.7	94.8	96.0	96.2	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

400

DATA PROCESSING DIVISION
USAF ETAC
NEW SEATTLE, WASHINGTON

CEILING VERSUS VISIBILITY

STATION
17901

STATION NAME
RESCUE 101 DILL API

YEARS
57-66

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING	57.5	51.7	41.2	33.3	25.7	17.3	12.2	7.2	4.5	2.6	1.5	0.8	0.5	0.3	0.2	0.1
≥ 20000	57.5	51.7	62.2	53.0	70.0	70.7	72.1	73.0	74.3	76.0	76.3	76.3	73.7	70.7	77.0	77.3
≥ 18000	57.5	51.7	62.2	53.0	70.0	71.2	73.2	74.3	74.6	75.5	77.0	77.2	77.5	77.3	76.2	76.5
≥ 16000	50.0	54.0	62.2	53.5	70.7	71.3	73.3	74.2	75.0	76.7	77.2	77.4	77.7	77.7	75.3	75.7
≥ 14000	50.7	50.2	63.7	55.7	72.0	72.7	74.2	75.0	76.5	78.2	78.7	79.3	79.3	79.3	80.0	80.3
≥ 12000	50.7	50.2	63.7	56.7	72.2	72.4	73.0	75.5	77.0	78.0	79.5	79.5	80.2	80.2	80.0	81.2
≥ 10000	51.0	50.5	64.0	57.2	72.2	73.2	75.2	75.8	77.3	79.5	80.3	80.7	81.0	81.0	81.7	82.3
≥ 9000	51.1	51.2	65.0	58.2	73.3	74.2	76.3	78.0	78.5	80.7	81.3	81.3	82.2	82.2	82.5	83.5
≥ 8000	52.0	51.7	65.5	58.7	74.0	74.8	77.0	78.8	79.3	81.5	82.3	82.7	83.0	83.0	83.7	84.3
≥ 7000	52.3	52.2	66.0	59.3	74.0	75.7	78.0	80.0	80.5	83.2	84.2	84.4	85.0	85.0	85.7	86.3
≥ 6000	52.2	52.3	66.2	59.8	75.2	75.0	78.3	80.7	81.2	84.2	85.2	85.5	86.0	86.0	86.3	87.3
≥ 5000	52.3	52.3	66.2	59.4	75.2	75.0	78.2	80.7	81.2	84.2	85.2	85.5	86.0	86.0	86.0	87.3
≥ 4500	52.3	52.3	66.2	59.8	75.2	75.0	78.2	80.7	81.2	84.2	85.2	85.5	86.0	86.0	86.0	87.3
≥ 4000	52.3	52.3	66.2	59.8	75.2	75.0	78.2	80.7	81.2	84.2	85.2	85.5	86.0	86.0	86.0	87.3
≥ 3500	52.7	53.2	67.0	70.7	76.5	77.3	79.7	82.0	82.5	85.5	86.5	86.8	87.7	87.7	88.0	89.2
≥ 3000	53.0	53.7	67.5	71.2	77.2	78.0	80.7	83.2	83.7	86.8	87.8	88.2	89.2	89.2	90.0	91.0
≥ 2500	53.2	53.8	67.7	71.3	77.3	78.2	80.8	83.7	84.3	87.7	88.3	89.2	90.2	90.2	91.3	92.0
≥ 2000	54.0	55.0	69.0	72.4	77.3	80.7	83.0	85.0	86.8	90.3	91.3	91.8	92.8	92.8	94.0	94.7
≥ 1800	54.0	55.0	69.0	72.4	77.3	80.7	83.0	85.0	86.8	90.3	91.3	91.8	92.8	92.8	94.0	94.7
≥ 1500	54.0	55.0	69.0	72.4	77.3	80.7	83.0	85.0	86.8	90.3	91.3	91.8	92.8	92.8	94.0	94.7
≥ 1200	54.2	55.2	69.2	73.0	77.7	80.7	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 1000	54.2	55.2	69.2	73.0	77.7	80.7	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 900	54.3	55.3	69.3	73.2	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 800	54.3	55.3	69.3	73.2	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 700	54.3	55.3	69.3	73.3	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 600	54.3	55.3	69.3	73.3	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 500	54.3	55.3	69.3	73.3	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 400	54.3	55.3	69.3	73.3	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 300	54.3	55.3	69.3	73.3	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 200	54.3	55.3	69.3	73.3	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 100	54.3	55.3	69.3	73.3	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2
≥ 0	54.3	55.3	69.3	73.3	77.8	80.8	83.2	85.7	87.5	91.3	92.8	93.2	94.3	94.3	95.5	96.2

TOTAL NUMBER OF OBSERVATIONS

600

ATA PROGRESSIVE DIVISION
 USAF ETAC
 1700 LATES SERVICE/AC

CEILING VERSUS VISIBILITY

STATION
 STATION NAME

57-66

YEARS

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.0	61.2	63.2	66.5	67.5	69.5	70.0	70.2	71.8	72.2	72.2	72.3	72.3	72.3	72.7	73.0
≥ 20000	71.0	62.7	64.6	66.2	68.7	71.2	72.2	72.3	74.0	74.3	74.3	74.3	74.3	74.3	74.3	75.2
IV 18000	62.3	60.7	63.7	65.8	65.5	70.2	72.8	74.0	74.3	76.2	76.5	76.5	76.7	76.7	77.3	77.7
IV 16000	63.0	61.3	64.3	66.5	70.3	71.2	73.5	75.0	75.3	77.2	77.5	77.5	77.7	77.7	78.3	78.7
IV 14000	63.7	62.2	65.3	67.5	71.3	72.4	75.0	76.2	76.5	78.5	79.0	79.0	79.2	79.2	79.8	80.2
IV 12000	63.6	62.3	65.5	67.7	71.5	72.3	75.5	76.8	77.2	79.3	80.0	80.0	80.2	80.2	80.8	81.2
IV 10000	64.0	62.5	65.7	68.0	72.0	72.8	76.2	77.5	77.8	80.2	80.8	80.8	81.0	81.0	81.7	82.2
IV 9000	64.3	62.8	66.0	68.3	72.3	73.7	76.5	77.8	78.2	80.7	81.3	81.3	81.7	81.7	82.5	83.0
IV 8000	64.6	63.7	67.0	69.5	73.7	74.5	78.3	79.8	80.2	82.8	83.5	83.5	83.8	83.8	84.7	85.2
IV 7000	65.5	64.5	67.6	70.3	75.2	76.0	79.9	81.3	81.7	84.7	85.3	85.3	86.0	86.2	87.5	88.0
IV 6000	65.6	65.0	68.5	71.0	75.6	76.8	81.0	82.7	83.0	86.0	86.7	86.7	87.5	87.5	88.5	89.3
IV 5000	65.6	65.2	68.7	71.2	76.0	77.0	81.2	82.8	83.2	86.2	86.8	86.8	87.7	87.8	89.5	90.0
IV 4500	65.6	65.3	68.8	71.3	76.2	77.2	81.3	83.7	83.3	86.3	87.0	87.1	87.8	88.0	89.7	90.2
IV 4000	65.6	65.3	68.8	71.3	76.2	77.2	81.3	83.0	83.3	86.3	87.0	87.0	87.8	88.0	89.5	90.3
IV 3500	65.6	65.3	69.2	71.7	76.5	77.5	81.7	83.3	83.7	86.7	87.3	87.3	88.2	88.3	90.2	90.7
IV 3000	65.6	65.7	69.8	72.3	77.3	78.8	83.2	85.0	85.3	88.8	89.5	89.5	90.5	90.5	92.3	93.0
IV 2500	66.0	65.6	70.0	72.7	77.3	79.3	83.8	86.0	86.5	90.0	90.7	90.7	91.7	91.8	93.7	94.2
IV 2000	66.7	66.7	70.6	73.7	78.6	80.5	85.0	87.2	87.7	91.2	91.8	91.8	92.8	93.0	95.0	95.5
IV 1800	66.0	66.8	71.0	73.8	79.0	80.7	85.4	87.3	87.8	91.3	92.0	92.0	93.0	93.2	95.2	95.7
IV 1600	66.6	66.8	71.0	73.8	79.0	80.8	85.5	87.5	88.0	91.7	92.7	92.7	93.7	93.8	96.0	96.5
IV 1400	66.0	66.8	71.0	73.8	79.0	80.8	85.5	87.5	88.0	92.0	93.2	93.2	94.2	94.3	96.5	97.7
IV 1200	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 1000	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 800	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 600	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 500	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 400	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 300	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 200	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 100	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	98.3
IV 0	66.6	67.0	71.2	74.0	79.2	81.0	85.7	88.0	88.5	92.5	93.8	93.8	95.2	95.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 600

ATC PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

17901
STATION

STATION NAME

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	24.5	33.5	64.7	67.5	69.0	70.5	71.2	74.5	74.8	75.0	75.7	75.7	76.2	76.2	76.2	76.5
≥ 20000	24.8	33.8	65.2	68.5	70.0	71.7	74.5	76.2	76.2	76.3	77.0	77.1	77.7	77.7	77.7	78.0
≥ 18000	25.5	34.5	65.5	68.5	71.0	72.8	76.0	77.8	77.8	78.0	78.7	79.0	79.3	79.3	79.3	79.7
≥ 16000	26.2	35.2	66.5	70.0	72.5	73.5	76.1	78.5	78.5	78.7	79.5	79.5	80.2	80.2	80.2	80.5
≥ 14000	27.5	36.3	67.7	71.2	73.7	74.7	77.5	79.7	79.7	80.2	81.0	81.3	81.7	81.7	81.7	82.0
≥ 12000	27.5	36.5	67.8	71.3	74.0	75.2	78.5	80.7	80.7	81.2	82.2	82.7	83.0	83.0	83.3	83.3
≥ 10000	27.0	36.8	68.2	71.7	74.7	75.8	79.2	81.5	81.3	82.0	83.0	83.5	83.8	83.8	84.2	84.2
≥ 9000	28.2	37.5	69.0	72.5	75.8	77.0	80.5	82.5	82.5	83.2	84.2	84.7	85.0	85.0	85.0	85.3
≥ 8000	29.5	38.2	70.2	73.7	77.0	78.2	82.0	84.2	84.2	84.8	86.0	86.5	86.8	86.8	86.8	87.1
≥ 7000	28.7	38.5	70.5	74.2	78.3	79.5	83.5	86.0	86.0	87.5	88.8	89.3	90.0	90.0	90.0	90.5
≥ 6000	30.0	39.0	71.0	74.7	78.8	80.0	84.0	86.5	86.5	88.3	89.7	90.2	91.0	91.2	91.2	91.7
≥ 5000	30.8	39.0	71.0	74.7	78.8	80.0	84.0	86.5	86.5	88.3	89.7	90.2	91.0	91.2	91.2	91.7
≥ 4500	30.8	39.0	71.0	74.7	78.8	80.0	84.0	86.5	86.5	88.3	89.7	90.2	91.0	91.2	91.2	91.7
≥ 4000	29.0	39.2	71.2	74.8	79.0	80.3	84.5	86.8	86.8	88.8	90.2	90.7	91.5	91.7	91.7	92.3
≥ 3500	29.2	39.5	71.3	75.0	79.2	80.5	84.5	87.0	87.0	89.0	90.5	90.8	91.7	91.8	91.8	92.8
≥ 3000	29.3	39.5	71.7	75.3	79.5	80.8	84.8	87.3	87.3	89.5	91.0	91.5	92.3	92.3	92.7	93.4
≥ 2500	29.5	40.0	72.2	76.0	80.3	81.7	85.7	88.5	88.5	90.7	92.2	92.7	93.5	93.7	93.8	95.0
≥ 2000	30.0	40.5	72.7	76.7	81.0	82.3	86.5	89.3	89.3	91.5	93.0	93.5	94.3	94.5	94.7	95.8
≥ 1800	30.0	40.5	72.7	76.7	81.0	82.3	86.5	89.3	89.3	91.5	93.0	93.5	94.3	94.5	94.7	95.8
≥ 1500	30.2	40.8	73.0	77.0	81.3	82.8	87.0	89.8	89.8	92.3	94.0	94.5	95.3	95.5	95.7	96.8
≥ 1200	30.2	40.8	73.0	77.2	81.5	83.0	87.2	90.0	90.0	92.5	94.2	94.7	95.5	95.7	95.8	97.0
≥ 1000	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.7	97.5
≥ 900	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5
≥ 800	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5
≥ 700	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5
≥ 600	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5
≥ 500	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5
≥ 400	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5
≥ 300	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5
≥ 200	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5
≥ 100	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5
0	30.2	40.8	73.0	77.2	81.7	83.2	87.5	90.3	90.3	92.8	94.7	95.3	96.3	96.5	96.8	97.5

TOTAL NUMBER OF OBSERVATIONS

600

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

1/7/61
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
STATION NAME

57-60
YEARS

MONTH

1000-2000
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.7	62.5	64.7	65.5	69.0	69.2	71.4	71.5	71.5	72.5	72.8	72.5	73.0	73.0	73.0	73.2
≥ 20000	56.5	64.6	66.5	67.7	71.6	71.3	73.3	73.7	73.7	74.8	75.2	75.2	75.3	75.3	75.5	75.5
18000	57.6	64.6	67.3	68.5	72.0	72.2	74.5	75.0	75.0	76.3	76.7	76.7	77.0	77.0	77.2	77.5
16000	57.7	65.5	68.0	69.2	72.7	72.8	75.2	76.2	76.2	77.5	77.8	77.8	78.2	78.2	78.3	78.7
14000	58.3	66.3	69.0	70.2	73.7	73.8	76.2	77.2	77.2	78.7	79.0	79.0	79.3	79.3	79.5	79.8
12000	58.5	66.8	69.5	70.7	74.5	74.7	77.0	78.0	78.0	79.7	80.0	80.0	80.3	80.3	80.5	80.8
10000	59.3	68.0	70.7	71.8	75.7	75.8	78.3	79.8	79.8	81.5	82.0	82.0	82.3	82.3	82.5	82.8
9000	59.7	68.7	71.3	72.5	76.5	76.8	79.2	80.7	80.7	82.3	83.0	83.0	83.3	83.3	83.5	83.8
8000	60.3	69.7	72.7	74.0	78.0	78.3	80.8	82.5	82.5	84.3	85.2	85.2	85.5	85.5	85.8	86.3
7000	60.6	70.3	73.3	74.8	79.8	80.5	83.2	85.3	85.3	87.7	88.5	88.5	89.0	89.0	89.2	89.7
6000	61.2	71.0	74.0	75.5	80.7	81.3	84.0	86.2	86.2	88.5	89.3	89.3	89.8	89.8	90.0	90.5
5000	61.2	71.0	74.0	75.5	80.7	81.3	84.0	86.2	86.2	88.5	89.3	89.3	89.8	89.8	90.0	90.5
4500	61.2	71.0	74.0	75.5	80.7	81.3	84.0	86.2	86.2	88.5	89.3	89.3	89.8	89.8	90.0	90.5
4000	61.7	71.5	74.5	76.0	81.2	81.8	84.5	86.7	86.7	89.0	90.0	90.0	90.5	90.5	91.2	91.7
3500	61.7	71.5	74.5	76.0	81.7	82.5	85.2	87.3	87.3	89.8	90.8	90.8	91.3	91.3	92.2	92.7
3000	61.8	71.8	75.0	76.5	82.2	83.0	85.7	87.8	87.8	90.7	91.7	91.7	92.2	92.2	93.0	93.7
2500	61.8	72.0	75.2	76.7	82.5	83.3	86.0	88.2	88.2	91.0	92.0	92.0	92.5	92.5	93.3	94.0
2000	62.7	72.6	76.2	77.8	83.7	84.8	88.2	90.5	90.5	93.7	94.7	94.7	95.2	95.2	96.0	96.7
1800	62.7	72.8	76.2	77.8	83.7	84.8	88.2	90.5	90.5	93.7	94.7	94.7	95.2	95.2	96.0	96.7
1500	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
1200	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
1000	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
900	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
800	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
700	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
600	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
500	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
400	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
300	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
200	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
100	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0
0	63.0	73.2	76.5	78.2	84.0	85.2	88.5	90.8	90.8	94.0	95.0	95.0	95.5	95.5	96.3	97.0

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

17901

STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.8	01.8	64.2	64.7	67.5	68.3	69.7	70.8	71.2	72.2	72.8	72.8	73.0	73.0	73.0	73.0
≥ 20000	12.2	02.2	64.5	65.2	68.5	69.2	70.7	71.9	72.2	73.3	74.0	74.0	74.2	74.2	74.3	74.3
IV 18000	12.3	03.3	65.7	66.3	69.5	70.5	72.0	73.2	73.5	74.7	75.3	75.7	75.5	75.5	75.7	75.7
IV 16000	12.3	03.3	65.7	66.3	69.5	70.5	72.0	73.3	73.7	74.8	75.5	75.5	75.7	75.7	75.7	75.7
IV 14000	13.3	04.3	66.7	67.5	70.7	71.7	73.2	74.5	74.5	76.0	76.7	76.7	76.8	76.8	77.0	77.0
IV 12000	13.3	04.3	67.0	67.8	71.2	72.2	73.7	75.0	75.3	76.5	77.2	77.2	77.3	77.3	77.3	77.3
IV 10000	14.0	05.3	68.0	68.8	72.5	73.3	75.0	76.3	76.7	78.2	78.2	78.2	78.2	78.2	79.0	79.0
IV 9000	14.5	06.0	68.7	69.8	73.5	74.5	76.2	77.7	78.0	79.7	80.5	80.5	80.7	80.7	80.7	81.0
IV 8000	15.7	07.5	70.8	72.3	76.0	77.2	79.0	80.5	80.8	82.8	84.2	84.2	84.2	84.3	84.3	84.7
IV 7000	16.5	08.5	72.3	74.0	78.2	79.3	81.5	83.2	83.5	86.2	87.7	87.7	87.8	88.0	88.2	88.7
IV 6000	16.5	08.5	72.3	74.0	78.2	79.3	81.5	83.2	83.5	86.2	87.7	87.7	87.8	88.0	88.2	88.7
IV 5000	16.5	08.8	72.7	74.3	78.8	80.0	82.5	84.2	84.5	87.2	88.7	88.7	88.8	89.0	89.2	89.7
IV 4500	16.5	08.8	72.7	74.3	78.8	80.0	82.5	84.2	84.5	87.2	88.7	88.7	88.8	89.0	89.2	89.7
IV 4000	16.5	09.3	73.2	74.8	79.3	80.5	83.2	84.8	85.2	88.0	89.3	89.3	89.7	89.8	90.7	90.8
IV 3500	16.5	09.3	73.2	74.8	79.8	81.0	83.7	85.3	85.7	88.5	90.0	90.0	90.2	90.3	91.1	91.5
IV 3000	17.0	09.7	73.5	75.2	80.2	81.3	84.3	86.3	86.7	90.0	91.5	91.5	92.0	92.2	93.2	93.3
IV 2500	17.2	09.8	73.8	75.5	80.7	81.8	84.8	87.0	87.3	90.7	92.2	92.2	92.7	92.8	93.8	94.0
IV 2000	17.0	11.0	75.0	76.8	82.0	83.2	86.6	89.3	89.7	93.0	94.5	94.5	95.0	95.2	96.2	96.3
IV 1800	18.0	11.2	75.2	77.0	82.2	83.3	87.0	89.5	89.8	93.2	94.7	94.7	95.2	95.3	96.3	96.5
IV 1500	18.0	11.3	75.3	77.2	82.3	83.7	87.1	90.2	90.5	93.8	95.3	95.3	96.0	96.2	97.2	97.3
IV 1200	18.0	11.5	75.5	77.3	82.5	83.8	87.6	90.3	90.7	94.0	95.5	95.5	96.2	96.3	97.3	97.5
IV 1000	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 900	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 800	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 700	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 600	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 500	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 400	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 300	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 200	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 100	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	98.3
IV 0	18.0	11.7	75.7	77.7	82.8	84.2	88.2	90.7	91.0	94.7	96.2	96.3	96.8	97.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
USAF ETAC
IN READER SERVICE/NAO

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT DEPT APT
STATION NAME

57-66
YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	36.0	37.0	38.7	39.0	39.0	39.7	39.9	39.9	39.9	40.3	40.3	40.3	40.3	40.3	40.9	41.3
≥ 20000	37.5	38.6	39.4	39.9	40.6	40.3	40.9	40.9	40.9	41.3	41.3	41.3	41.3	41.3	41.9	42.4
≥ 18000	39.0	39.1	40.0	40.5	41.2	41.3	41.5	41.5	41.5	41.9	41.9	42.1	42.7	42.7	42.7	43.5
≥ 16000	39.1	39.3	40.2	40.6	41.3	41.3	41.5	41.6	41.6	42.1	42.1	42.2	42.8	42.8	43.0	43.7
≥ 14000	39.7	39.8	40.8	41.2	41.9	42.1	42.2	42.2	42.2	42.7	42.7	42.7	43.4	43.4	43.5	44.3
≥ 12000	39.8	40.5	41.3	41.8	42.5	42.7	42.8	42.8	42.8	43.4	43.4	43.5	44.1	44.1	44.3	45.1
≥ 10000	39.9	41.2	42.1	42.5	43.3	43.4	43.5	43.5	43.5	44.1	44.1	44.1	45.0	45.0	45.2	45.7
≥ 9000	40.0	41.9	42.8	43.3	44.0	44.1	44.3	44.3	44.3	44.9	44.9	45.0	45.7	45.7	45.7	46.6
≥ 8000	42.1	43.4	44.3	44.7	45.3	45.5	45.9	46.0	46.0	46.8	46.8	46.8	47.7	47.7	47.8	48.5
≥ 7000	44.6	46.2	47.4	47.9	49.0	49.1	49.6	49.7	49.7	50.7	50.7	50.7	52.1	52.1	52.2	52.9
≥ 6000	45.0	47.2	48.4	48.1	50.3	50.4	50.7	51.0	51.0	52.2	52.2	52.3	53.5	53.5	53.7	54.4
≥ 5000	46.5	48.1	49.3	50.0	51.2	51.3	51.8	51.9	51.9	53.1	53.1	53.2	54.4	54.4	54.5	55.3
≥ 4500	46.8	48.4	49.6	50.3	51.6	51.8	52.2	52.3	52.3	53.5	53.5	53.7	54.8	54.8	55.0	55.7
≥ 4000	48.1	49.7	50.9	51.6	52.9	53.1	53.5	53.7	53.7	55.0	55.0	55.1	56.3	56.3	56.6	57.3
≥ 3500	48.5	50.3	51.5	52.2	53.5	53.7	54.1	54.3	54.3	55.6	55.6	55.7	56.9	56.9	57.0	57.9
≥ 3000	51.0	53.5	54.7	55.4	56.7	56.9	57.5	57.8	57.8	59.1	59.1	59.2	60.4	60.4	60.7	61.4
≥ 2500	55.6	57.6	59.2	60.1	61.4	61.7	62.3	62.6	62.6	64.2	64.2	64.4	65.5	65.5	65.8	66.6
≥ 2000	58.5	60.7	62.5	63.3	64.7	65.1	66.0	66.4	66.4	68.0	68.0	68.2	69.6	69.6	69.9	70.7
≥ 1800	60.7	63.2	65.0	65.8	67.2	67.6	68.5	69.1	69.1	70.7	70.7	71.0	72.4	72.4	72.7	73.5
≥ 1500	62.9	65.4	67.3	68.4	70.7	71.3	72.3	73.0	73.0	74.6	74.6	74.9	76.4	76.4	76.7	77.4
≥ 1200	64.2	66.7	68.7	70.2	72.4	73.0	74.0	75.1	75.1	76.8	76.8	77.1	78.6	78.6	79.0	79.8
≥ 1000	66.0	68.6	70.2	71.7	73.9	74.1	75.2	76.3	76.3	78.0	78.0	78.3	80.0	80.0	80.4	81.2
≥ 900	68.0	70.6	72.3	73.8	76.0	76.2	77.3	78.4	78.4	80.1	80.1	80.4	82.1	82.1	82.5	83.3
≥ 800	69.0	71.6	73.3	74.8	77.0	77.2	78.3	79.4	79.4	81.1	81.1	81.4	83.1	83.1	83.5	84.3
≥ 700	69.8	72.4	74.1	75.6	77.8	78.0	79.1	80.2	80.2	81.9	81.9	82.2	83.9	83.9	84.3	85.1
≥ 600	70.4	73.0	74.7	76.2	78.4	78.6	79.7	80.8	80.8	82.5	82.5	82.8	84.5	84.5	84.9	85.7
≥ 500	71.4	74.0	75.7	77.2	79.4	79.6	80.7	81.8	81.8	83.5	83.5	83.8	85.5	85.5	85.9	86.7
≥ 400	71.7	74.3	76.0	77.5	79.7	79.9	81.0	82.1	82.1	83.8	83.8	84.1	85.8	85.8	86.2	87.0
≥ 300	72.1	74.7	76.4	77.9	80.1	80.3	81.4	82.5	82.5	84.2	84.2	84.5	86.2	86.2	86.6	87.4
≥ 200	72.6	75.2	76.9	78.4	80.6	80.8	81.9	83.0	83.0	84.7	84.7	85.0	86.7	86.7	87.1	87.9
≥ 100	72.6	75.2	76.9	78.4	80.6	80.8	81.9	83.0	83.0	84.7	84.7	85.0	86.7	86.7	87.1	87.9
≥ 0	72.6	75.2	76.9	78.4	80.6	80.8	81.9	83.0	83.0	84.7	84.7	85.0	86.7	86.7	87.1	87.9

TOTAL NUMBER OF OBSERVATIONS

632

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE BAY UNIT APT
STATION NAME

27-66
YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	34.2	36.7	37.2	37.5	38.0	38.0	38.4	38.6	38.6	38.7	38.9	39.0	39.6	39.7	39.7	40.5
IV 20000	34.0	37.1	37.7	38.0	38.4	38.4	38.7	39.0	39.0	39.1	39.3	39.4	40.0	40.2	40.2	40.9
IV 18000	35.3	38.0	38.5	38.9	39.3	39.3	39.7	39.9	39.9	40.3	40.5	40.7	41.2	41.3	41.3	42.1
IV 16000	35.5	38.1	38.7	39.0	39.4	39.4	39.7	40.0	40.0	40.5	40.6	40.8	41.3	41.5	41.5	42.2
IV 14000	36.2	38.9	39.4	39.9	40.3	40.3	40.8	40.9	40.9	41.3	41.5	41.5	42.2	42.4	42.4	43.1
IV 12000	36.7	39.3	39.9	40.3	40.8	40.8	41.3	41.5	41.5	41.9	42.1	42.2	42.6	43.0	43.0	43.7
IV 10000	37.4	40.3	40.9	41.3	41.8	41.8	42.4	42.5	42.5	43.0	43.3	43.4	44.0	44.1	44.1	44.9
IV 9000	38.4	41.5	42.1	42.5	43.0	43.0	43.5	43.7	43.7	44.1	44.4	44.6	45.3	45.5	45.5	46.2
IV 8000	39.4	43.3	43.8	44.3	44.7	44.7	45.3	45.5	45.5	45.9	46.2	46.3	47.1	47.4	47.4	48.1
IV 7000	42.7	47.1	48.1	48.5	49.1	49.1	50.0	50.1	50.1	50.7	51.2	51.3	52.2	52.5	52.5	53.2
IV 6000	43.7	48.1	49.1	49.6	50.1	50.1	51.2	51.3	51.3	51.9	52.3	52.5	53.4	53.7	53.7	54.4
IV 5000	44.0	49.0	50.0	50.6	51.2	51.2	52.2	52.3	52.3	52.9	53.4	53.5	54.4	54.7	54.7	55.4
IV 4500	44.6	49.0	50.0	50.6	51.2	51.2	52.2	52.3	52.3	52.9	53.4	53.5	54.4	54.7	54.7	55.4
IV 4000	45.6	50.0	51.0	51.6	52.2	52.2	53.5	54.0	54.0	54.7	55.1	55.3	56.2	56.6	56.6	57.3
IV 3500	46.2	50.7	51.8	52.3	52.9	52.9	54.5	54.7	54.7	55.4	55.9	56.0	56.9	57.3	57.3	58.1
IV 3000	50.6	55.1	56.2	56.7	58.1	58.1	60.0	60.1	60.1	60.9	61.3	61.4	62.3	62.8	62.8	63.5
IV 2500	52.1	57.2	58.5	59.1	60.4	60.4	62.3	62.8	62.8	63.8	64.2	64.4	65.2	65.7	65.7	66.4
IV 2000	53.1	60.3	62.2	62.9	64.4	64.4	66.6	67.0	67.0	68.0	68.8	69.1	70.1	70.5	70.5	71.3
IV 1800	53.9	61.6	62.9	63.6	65.1	65.1	67.3	67.7	67.7	68.8	69.5	69.8	70.8	71.3	71.3	72.0
IV 1500	58.7	64.7	66.9	68.0	69.4	69.4	72.1	72.6	72.6	73.9	74.6	74.9	76.0	76.4	76.4	77.1
IV 1200	58.4	67.0	69.5	70.7	72.4	72.4	74.8	75.2	75.2	76.5	77.3	77.6	78.9	79.3	79.3	80.1
IV 1000	64.4	71.7	74.3	75.5	77.0	77.6	80.1	80.6	80.6	82.1	82.8	83.1	84.8	85.2	85.2	85.9
IV 900	65.1	72.4	75.2	76.4	78.6	78.6	81.1	82.0	82.0	83.6	84.3	84.6	86.2	86.7	86.7	87.4
IV 800	66.1	73.5	76.2	77.4	79.6	79.6	82.3	83.1	83.1	84.8	85.6	85.9	87.7	88.3	88.3	89.0
IV 700	66.3	73.8	76.5	77.7	79.9	79.9	82.6	83.4	83.4	85.0	85.9	86.4	88.1	88.7	88.7	89.4
IV 600	66.4	74.2	77.1	78.3	80.5	80.5	83.1	84.0	84.0	85.6	86.5	87.0	88.7	89.3	89.3	90.2
IV 500	66.6	74.3	77.4	78.7	81.1	81.2	83.9	84.8	84.8	86.7	87.7	88.6	90.5	91.1	91.2	92.1
IV 400	67.0	74.8	77.9	79.3	82.0	82.1	84.8	85.8	85.8	87.7	88.7	89.6	92.2	92.8	93.0	93.8
IV 300	67.4	75.4	78.6	80.1	83.0	83.1	85.8	87.1	87.1	89.0	90.0	91.1	93.7	94.3	95.0	96.0
IV 200	67.6	75.7	78.9	80.4	83.3	83.4	86.1	87.5	87.5	89.6	90.6	91.6	94.4	95.0	95.9	97.5
IV 100	67.7	75.8	79.0	80.5	83.4	83.6	86.2	87.7	87.7	89.7	90.8	91.8	94.6	95.2	96.3	99.1
IV 0	67.7	75.8	79.0	80.5	83.4	83.6	86.2	87.7	87.7	89.7	90.8	91.8	94.6	95.2	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS

502

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

1/9/01
STATION

RESOLUTE MNT DUTY APT
STATION NAME

57-66
YEARS

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	≥ 5/8	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.3	33.0	30.2	36.8	37.4	37.4	38.4	38.4	38.4	38.9	39.0	39.1	39.7	39.7	40.0	40.9
≥ 20000	36.5	38.1	38.4	39.0	39.4	39.6	40.0	40.0	40.8	41.2	41.3	41.3	42.1	42.1	42.3	42.8
≥ 18000	37.2	39.0	39.3	39.9	40.3	40.5	41.0	41.6	41.6	42.2	42.4	42.5	43.1	43.1	43.3	43.4
≥ 16000	37.5	39.6	39.9	40.5	40.9	41.1	42.2	42.2	42.2	42.8	43.0	43.1	43.7	43.7	44.1	44.4
≥ 14000	38.3	40.3	40.8	41.3	41.8	41.9	43.1	43.1	43.1	43.7	43.8	44.0	44.6	44.6	45.0	45.3
≥ 12000	38.3	40.3	40.8	41.3	41.9	42.1	43.3	43.3	43.3	43.8	44.0	44.1	44.7	44.7	45.2	45.5
≥ 10000	38.8	40.8	41.1	41.8	42.2	42.4	43.5	43.5	43.5	44.3	44.4	44.6	45.2	45.2	45.8	45.9
≥ 9000	39.0	41.2	41.5	42.4	42.6	43.0	44.1	44.1	44.1	44.9	45.0	45.2	45.7	45.7	46.2	46.5
≥ 8000	40.0	42.5	43.1	44.0	44.4	44.6	45.9	45.9	45.9	46.8	46.9	47.2	47.9	47.9	48.4	48.7
≥ 7000	42.0	43.6	46.3	47.4	47.9	48.2	49.7	49.7	49.7	50.7	50.9	51.2	52.1	52.1	52.9	52.9
≥ 6000	43.4	46.5	47.5	48.7	49.3	49.5	51.2	51.2	51.2	52.2	52.3	52.6	53.5	53.5	54.1	54.4
≥ 5000	43.7	46.9	47.9	49.3	49.9	50.3	52.1	52.1	52.1	53.1	53.2	53.5	54.4	54.4	55.0	55.3
≥ 4500	43.7	46.9	47.9	49.3	49.9	50.3	52.1	52.1	52.1	53.1	53.2	53.5	54.4	54.4	55.0	55.3
≥ 4000	44.7	47.9	49.0	50.3	50.9	51.3	53.2	53.2	53.2	54.3	54.4	54.7	55.6	55.6	56.2	56.5
≥ 3500	45.5	48.8	50.0	51.5	52.1	52.6	54.7	54.7	54.7	55.7	55.9	56.2	57.0	57.0	57.6	57.9
≥ 3000	46.4	52.1	53.4	55.0	55.9	56.5	58.8	58.8	58.8	59.8	60.1	60.4	61.4	61.4	62.0	62.3
≥ 2500	50.9	55.4	56.9	58.5	59.4	60.0	62.3	62.3	62.3	63.3	63.9	64.2	65.4	65.4	66.0	66.3
≥ 2000	53.4	58.1	59.5	61.7	62.5	63.6	66.4	66.6	66.6	68.2	68.6	68.9	70.1	70.1	70.7	71.0
≥ 1800	54.5	59.4	60.9	63.0	64.2	65.0	67.7	67.9	67.9	69.5	69.9	70.2	71.4	71.4	72.0	72.3
≥ 1500	59.1	64.7	66.3	68.6	70.2	71.0	73.5	73.9	73.9	75.8	76.2	76.7	77.9	77.9	78.4	78.7
≥ 1200	60.4	66.1	68.0	70.4	72.0	72.7	75.5	75.7	75.7	77.6	78.2	78.6	79.9	79.9	80.5	80.8
≥ 1000	64.2	70.4	72.3	74.6	76.8	77.6	80.4	80.9	80.9	83.0	83.6	84.0	85.6	85.6	86.2	86.5
≥ 900	64.8	71.3	73.2	75.5	77.9	78.7	81.5	82.1	82.1	84.3	84.9	85.3	87.0	87.0	87.5	87.8
≥ 800	65.2	72.7	74.6	77.0	79.3	80.4	83.4	84.0	84.0	86.2	87.0	87.4	89.0	89.0	89.6	89.9
≥ 700	65.4	72.9	74.8	77.1	79.5	80.5	83.6	84.2	84.2	86.4	87.1	87.7	89.3	89.3	89.9	90.3
≥ 600	66.0	73.9	75.8	78.2	80.5	81.5	84.6	85.3	85.3	87.5	88.3	88.9	90.6	90.6	91.3	91.8
≥ 500	66.3	74.2	76.1	78.4	80.8	81.8	84.9	85.6	85.6	88.1	88.9	89.6	91.3	91.3	92.5	93.0
≥ 400	66.4	74.5	76.4	78.7	81.1	82.1	85.5	86.2	86.2	88.9	89.6	90.3	92.5	92.5	93.5	94.3
≥ 300	66.6	74.9	76.8	79.3	81.7	82.7	86.2	87.0	87.0	89.7	90.5	91.2	93.4	93.5	94.9	95.7
≥ 200	66.6	74.9	76.8	79.3	81.7	82.7	86.2	87.1	87.1	90.2	91.1	91.8	94.1	94.3	95.7	97.4
≥ 100	66.7	75.2	77.1	79.8	82.1	83.1	86.8	87.7	87.7	90.8	91.6	92.4	95.0	95.2	96.9	99.4
≥ 0	66.7	75.2	77.1	79.8	82.1	83.1	86.8	87.7	87.7	90.8	91.6	92.4	95.0	95.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 562

DATA PROCESSING DIVISION
SAC ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

17401
STATION

PRODUCTS AND OUT PUT
STATION NAME

57-66
YEARS

1 41
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.8	41.0	41.3	42.4	43.3	43.3	43.5	44.9	43.9	44.2	44.3	44.3	44.8	44.8	45.1	45.1
IV 18000	40.4	42.7	43.2	44.5	45.5	45.5	45.7	46.3	46.3	46.5	46.7	46.7	47.1	47.1	47.4	47.4
IV 16000	40.5	43.2	43.6	44.9	46.0	46.0	46.1	46.7	46.7	47.0	47.1	47.1	47.6	47.6	47.9	47.9
IV 14000	40.8	43.3	43.9	45.7	46.3	46.3	46.4	47.0	47.0	47.3	47.4	47.4	48.2	48.2	48.5	48.5
IV 12000	41.0	43.6	44.1	45.4	46.4	46.4	46.5	47.1	47.1	47.4	47.6	47.6	48.3	48.3	48.6	48.6
IV 10000	41.4	44.1	44.5	45.8	47.0	47.0	47.1	47.7	47.7	48.0	48.2	48.2	48.9	48.9	49.2	49.2
IV 9000	41.6	44.6	45.2	46.5	47.7	47.7	47.9	48.5	48.5	48.8	48.9	48.9	49.6	49.6	49.9	49.9
IV 8000	42.4	45.7	46.4	47.7	48.9	48.9	49.0	49.6	49.6	49.9	50.1	50.1	50.8	50.8	51.1	51.1
IV 7000	44.2	47.6	48.5	49.9	51.2	51.2	51.7	52.3	52.3	52.6	52.7	52.7	53.5	53.5	53.7	53.7
IV 6000	44.5	48.2	49.0	50.5	51.8	51.8	52.3	53.0	53.0	53.6	53.7	53.7	54.5	54.5	54.8	54.8
IV 5000	45.2	48.9	49.8	51.2	52.6	52.6	53.0	53.7	53.7	54.3	54.5	54.5	55.2	55.2	55.5	55.5
IV 4500	45.4	49.0	49.9	51.4	52.7	52.7	53.2	53.9	53.9	54.6	54.8	54.8	55.5	55.5	55.8	55.8
IV 4000	47.3	51.0	51.8	53.3	54.6	54.6	55.1	55.8	55.8	56.5	56.7	56.7	57.4	57.4	57.7	57.7
IV 3500	47.7	51.7	52.7	54.3	55.8	55.8	56.2	57.0	57.0	57.7	57.9	57.9	58.6	58.6	58.9	58.9
IV 3000	49.9	53.9	54.9	56.8	58.6	58.6	59.0	59.8	59.8	60.5	60.8	60.8	61.5	61.5	61.8	61.8
IV 2500	52.4	57.1	58.4	60.5	62.6	62.6	63.0	63.7	63.7	65.1	65.3	65.5	66.2	66.2	66.7	66.7
IV 2000	54.5	59.5	60.8	62.8	65.2	65.3	66.1	67.0	67.0	68.7	69.0	69.2	69.9	69.9	70.3	70.3
IV 1800	55.2	60.5	61.8	63.9	66.2	66.4	67.1	68.0	68.0	69.8	70.0	70.2	70.9	70.9	71.4	71.4
IV 1500	59.3	65.3	66.8	68.9	71.5	71.8	72.8	73.9	73.9	75.9	76.4	76.5	77.2	77.2	77.7	77.7
IV 1200	60.5	67.1	68.7	70.8	73.0	73.9	74.9	75.9	75.9	78.0	78.6	79.1	79.9	79.9	80.3	80.3
IV 1000	63.4	70.8	72.5	75.2	78.4	78.7	80.6	81.9	82.1	84.1	85.2	85.8	86.8	86.8	87.2	87.5
IV 900	63.9	71.4	73.1	75.9	79.1	79.4	81.5	82.8	83.0	85.0	86.0	86.6	87.7	87.7	88.1	88.4
IV 800	64.5	72.5	74.0	76.8	80.2	80.5	82.5	83.8	84.0	86.3	87.4	88.0	89.3	89.3	89.7	90.0
IV 700	64.6	72.6	74.1	76.9	80.3	80.6	82.6	83.9	84.1	86.4	87.5	88.1	89.4	89.4	89.8	90.1
IV 600	65.3	73.6	75.1	77.9	81.3	81.6	83.6	84.9	85.1	87.4	88.5	89.1	90.4	90.4	90.8	91.1
IV 500	66.2	74.4	75.9	78.7	82.1	82.4	84.4	85.7	85.9	88.2	89.3	89.9	91.2	91.2	91.6	91.9
IV 400	66.2	74.4	75.9	78.7	82.1	82.4	84.4	85.7	85.9	88.2	89.3	89.9	91.2	91.2	91.6	91.9
IV 300	66.7	75.0	76.5	79.3	82.7	83.0	85.0	86.3	86.5	88.8	89.9	90.5	91.8	91.8	92.2	92.5
IV 200	66.8	75.2	76.7	79.5	82.9	83.2	85.2	86.5	86.7	89.0	90.1	90.7	92.0	92.0	92.4	92.7
IV 100	66.8	75.2	76.7	79.5	82.9	83.2	85.2	86.5	86.7	89.0	90.1	90.7	92.0	92.0	92.4	92.7
IV 0	66.8	75.2	76.7	79.5	82.9	83.2	85.2	86.5	86.7	89.0	90.1	90.7	92.0	92.0	92.4	92.7

TOTAL NUMBER OF OBSERVATIONS 601

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17501 RESOLUTE MNT DUT MPI

57-66

AY

STATION

STATION NAME

YEARS

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	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	40.5	41.5	42.5	43.5	43.5	44.0	44.7	44.9	44.9	45.5	45.5	45.5	45.7	45.7	46.0	46.2
≥ 20000	40.5	41.5	42.5	43.5	43.5	44.0	44.7	44.9	44.9	45.5	45.5	45.5	45.7	45.7	46.0	46.2
IV 18000	41.2	43.6	44.9	46.2	46.2	46.3	47.2	47.2	47.2	47.8	47.8	47.8	48.1	48.1	48.5	48.5
IV 16000	41.2	43.6	44.9	46.2	46.2	46.3	47.2	47.2	47.2	47.8	47.8	47.8	48.1	48.1	48.5	48.5
IV 14000	41.0	44.6	45.0	47.1	47.2	47.4	48.2	48.2	48.2	48.8	48.8	48.8	49.1	49.1	49.6	49.6
IV 12000	41.9	44.9	45.9	47.4	47.5	47.7	48.5	48.5	48.5	49.1	49.1	49.1	49.4	49.4	49.9	49.9
IV 10000	42.2	45.2	46.3	47.8	47.9	48.1	49.0	49.0	49.0	49.6	49.6	49.6	49.9	49.9	50.3	50.3
IV 9000	42.0	45.0	47.2	48.7	48.8	49.0	49.7	49.7	49.7	50.4	50.4	50.4	50.7	50.7	51.2	51.2
IV 8000	44.7	47.9	49.1	50.6	50.9	51.0	52.3	52.3	52.3	52.9	52.9	52.9	53.4	53.4	53.8	53.8
IV 7000	40.2	49.7	51.0	52.6	53.5	53.7	55.2	55.4	55.4	56.0	56.0	56.0	56.5	56.5	56.9	56.9
IV 6000	46.8	50.3	51.6	53.2	54.1	54.3	55.7	55.9	56.0	56.6	56.6	56.6	56.9	57.0	57.5	57.5
IV 5000	47.2	51.0	52.3	54.1	55.0	55.1	56.7	56.9	56.9	57.8	57.8	57.8	58.2	58.2	58.7	58.7
IV 4500	47.4	51.3	52.6	54.4	55.3	55.4	57.2	57.3	57.3	58.2	58.2	58.2	58.6	58.6	59.2	59.2
IV 4000	47.7	51.9	53.2	55.0	56.0	56.2	57.9	58.1	58.1	58.9	58.9	58.9	59.5	59.5	60.0	60.0
IV 3500	43.3	54.1	55.4	57.2	58.2	58.4	60.1	60.3	60.3	61.1	61.1	61.1	61.7	61.7	62.2	62.2
IV 3000	51.2	58.5	59.1	60.4	61.6	61.7	63.6	63.8	63.8	64.7	64.7	64.7	65.2	65.2	65.7	65.7
IV 2500	53.2	59.5	61.1	63.5	65.0	65.1	67.2	67.6	67.6	68.5	68.6	68.6	69.8	69.8	70.2	70.2
IV 2000	56.3	62.6	64.2	66.7	68.2	68.8	71.0	71.4	71.4	72.4	72.6	72.6	73.8	73.8	74.3	74.3
IV 1800	56.9	63.3	65.4	67.9	69.4	69.9	72.5	72.7	72.7	73.8	74.0	74.0	75.2	75.2	75.6	75.6
IV 1500	60.7	67.7	69.8	72.6	74.5	75.1	77.6	78.3	78.3	79.3	79.6	79.6	80.9	80.9	81.5	81.5
IV 1200	61.7	70.1	72.1	75.2	77.1	77.9	80.5	81.2	81.2	82.3	82.8	82.8	84.2	84.2	84.8	84.8
IV 1000	64.2	72.9	74.9	78.0	80.6	81.4	84.2	85.3	85.3	87.0	87.5	87.5	88.9	88.9	89.4	89.4
IV 900	63.0	74.3	76.4	79.5	82.1	82.8	85.8	86.8	86.8	88.4	89.0	89.0	90.3	90.3	90.9	90.9
IV 800	60.1	75.8	78.0	81.1	83.7	84.5	87.4	88.4	88.4	90.0	90.6	90.6	91.9	91.9	92.5	92.5
IV 700	66.0	76.4	78.6	81.8	84.5	85.2	88.3	89.3	89.3	91.1	91.6	91.6	93.1	93.1	93.7	93.7
IV 600	67.3	77.3	79.5	83.0	85.8	86.5	89.6	90.6	90.6	92.4	93.0	93.0	94.6	94.6	95.2	95.2
IV 500	67.7	78.0	80.4	84.0	87.0	87.7	90.8	91.8	91.8	93.8	94.4	94.4	96.2	96.3	96.9	97.1
IV 400	67.7	78.2	80.5	84.2	87.1	87.8	90.9	91.9	91.9	94.0	94.6	94.6	96.2	96.3	97.1	97.2
IV 300	68.0	78.4	80.9	84.9	88.1	88.9	91.9	93.0	93.0	95.5	96.0	96.2	97.9	98.1	98.7	98.8
IV 200	68.3	78.7	81.2	85.2	88.4	89.1	92.4	93.4	93.4	95.9	96.5	96.6	98.4	98.5	99.1	99.3
IV 100	68.3	78.7	81.2	85.2	88.4	89.1	92.4	93.4	93.4	95.9	96.5	96.6	98.4	98.5	99.1	99.6
IV 0	68.3	78.7	81.2	85.2	88.4	89.1	92.4	93.4	93.4	95.9	96.5	96.6	98.4	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 502

DATA PROCESSING DIVISION
SAR ETAC
AIR TESTER SERVICE/PAC

CEILING VERSUS VISIBILITY

1/901
STATION

RESURGE AND ONE APT
STATION NAME

57-66
YEARS

67
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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.0	43.5	43.9	44.5	45.2	45.4	46.1	46.4	46.4	46.5	46.6	46.7	47.3	47.3	47.3	47.3
IV 18000	41.1	45.4	46.0	46.7	47.4	47.6	48.3	48.8	48.8	48.9	49.2	49.3	49.6	49.6	49.6	49.6
IV 16000	41.6	46.0	46.5	47.3	48.0	48.3	49.2	49.3	49.3	49.8	50.1	50.1	50.5	50.5	50.5	50.5
IV 14000	42.1	46.7	47.3	48.0	48.6	49.0	49.9	50.2	50.2	50.5	50.8	50.8	51.2	51.2	51.2	51.2
IV 12000	42.4	47.0	47.7	48.6	49.3	49.6	50.5	50.8	50.8	51.1	51.4	51.4	51.8	51.8	51.8	51.8
IV 10000	42.4	47.0	47.7	48.6	49.3	49.6	50.5	50.8	50.8	51.1	51.4	51.4	51.8	51.8	51.8	51.8
IV 9000	42.6	47.4	48.3	49.2	49.9	50.2	51.1	51.4	51.4	51.7	52.0	52.0	52.4	52.4	52.4	52.4
IV 8000	43.5	48.3	49.3	50.2	51.0	51.2	52.1	52.6	52.6	52.9	53.2	53.2	53.6	53.6	53.6	53.6
IV 7000	46.1	51.5	52.7	54.0	54.6	55.1	55.9	56.4	56.4	56.8	57.1	57.1	57.6	57.6	57.6	57.6
IV 6000	46.7	52.4	53.7	55.1	56.2	56.5	57.4	57.9	57.9	58.3	58.6	58.6	59.0	59.0	59.0	59.0
IV 5000	47.3	53.3	54.6	55.9	57.1	57.4	58.4	58.9	58.9	59.3	59.6	59.6	60.2	60.2	60.2	60.2
IV 4500	47.6	53.5	54.8	56.1	57.3	57.6	58.6	59.0	59.0	59.6	59.9	59.9	60.5	60.5	60.5	60.5
IV 4000	49.2	55.4	56.8	58.1	59.3	59.6	60.6	61.1	61.1	61.7	62.0	62.0	62.6	62.6	62.6	62.6
IV 3500	50.4	56.5	58.0	59.3	60.5	60.8	61.8	62.3	62.3	62.8	63.1	63.1	63.7	63.7	63.7	63.7
IV 3000	53.0	59.5	60.9	62.4	63.7	64.0	65.1	65.6	65.6	66.5	66.8	66.8	67.4	67.4	67.4	67.4
IV 2500	55.4	62.0	63.4	64.9	66.2	66.5	67.5	68.1	68.1	69.3	69.6	69.6	70.6	70.6	70.6	70.6
IV 2000	59.6	66.7	68.6	70.2	71.5	72.1	73.4	74.0	74.0	75.2	75.5	75.5	76.5	76.5	76.5	76.5
IV 1800	60.5	67.8	69.9	71.5	72.8	73.4	74.7	75.3	75.3	76.5	76.8	76.8	77.8	77.8	77.8	77.8
IV 1500	62.1	73.1	75.6	77.4	79.0	79.6	81.5	82.4	82.4	83.6	84.0	84.0	85.2	85.2	85.2	85.2
IV 1200	66.4	79.0	81.7	83.4	85.1	85.6	87.7	88.7	88.7	89.9	90.3	90.3	91.5	91.5	91.5	91.5
IV 1000	69.2	81.7	84.3	86.0	87.7	88.3	90.4	91.4	91.4	92.6	93.0	93.0	94.2	94.2	94.2	94.2
IV 900	70.2	80.2	83.0	84.9	86.9	87.5	89.7	91.0	91.0	92.5	93.0	93.0	94.6	94.6	94.6	94.6
IV 800	71.1	81.5	84.6	86.6	88.7	89.3	91.6	92.8	92.8	94.3	94.7	94.7	96.3	96.3	96.3	96.3
IV 700	71.6	82.1	85.2	87.2	89.3	89.9	92.2	93.4	93.4	94.9	95.3	95.3	96.9	96.9	96.9	96.9
IV 600	71.5	82.2	85.3	87.4	89.4	90.0	92.4	93.5	93.5	95.0	95.4	95.4	97.1	97.1	97.1	97.1
IV 500	71.5	82.4	85.5	87.5	89.6	90.2	92.6	93.7	93.7	95.2	95.6	95.6	97.3	97.3	97.3	97.3
IV 400	71.7	82.5	85.6	87.6	89.7	90.3	92.7	93.8	93.8	95.3	95.7	95.7	97.4	97.4	97.4	97.4
IV 300	72.0	82.8	86.0	88.1	90.2	90.7	93.1	94.1	94.1	95.6	96.0	96.0	97.7	97.7	97.7	97.7
IV 200	72.0	82.8	86.0	88.1	90.2	90.7	93.1	94.1	94.1	95.6	96.0	96.0	97.7	97.7	97.7	97.7
IV 100	72.0	82.8	86.0	88.1	90.2	90.7	93.1	94.1	94.1	95.6	96.0	96.0	97.7	97.7	97.7	97.7
IV 0	72.0	82.8	86.0	88.1	90.2	90.7	93.1	94.1	94.1	95.6	96.0	96.0	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 641

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

17901
STATION

RESULTS OF D-1 API
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1:00-2:00
HOURS (CST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.0 40.5	42.5 41.4	42.3 43.7	43.0 43.8	43.5 44.4	43.5 44.4	43.5 44.4	43.8 44.7	43.8 44.7	44.1 45.0	44.3 45.2	44.4 45.3	44.7 45.6	44.7 45.6	45.0 45.9	45.2 46.0
IV 18000 16000	41.2 41.2	44.1 44.1	44.0 44.7	44.7 45.3	45.3 45.3	45.3 45.3	45.3 45.3	45.6 45.6	45.6 45.6	45.9 46.2	46.0 46.3	46.0 46.9	46.3 46.9	46.3 46.9	46.5 47.2	46.9 47.4
IV 14000 12000	41.9 42.5	44.9 45.6	45.1 46.2	45.5 46.3	46.0 47.1	46.0 47.1	46.0 47.1	46.3 47.4	46.3 47.4	46.9 47.9	47.2 48.2	47.4 48.4	47.7 48.7	47.7 48.7	47.9 49.0	48.1 49.1
IV 10000 9000	43.5 43.7	46.8 46.9	47.6 47.5	47.5 48.4	48.2 48.4	48.2 48.5	48.2 48.5	48.5 48.8	48.5 48.8	49.1 49.4	49.4 49.7	49.6 49.9	49.9 50.1	49.9 50.1	50.1 50.4	50.3 50.6
IV 8000 7000	44.6 46.2	48.1 50.3	48.7 51.3	48.8 51.5	49.7 52.9	49.7 52.9	49.9 53.1	50.6 53.1	50.6 53.1	51.2 54.4	51.5 54.7	51.6 54.5	51.9 55.1	51.9 55.1	52.2 55.4	52.3 55.6
IV 6000 5000	47.2 48.4	51.5 52.9	52.9 54.1	53.4 54.5	54.4 55.0	54.4 55.0	54.5 55.0	55.3 56.5	55.3 56.5	56.0 57.2	56.3 57.5	56.5 57.6	56.9 58.1	56.9 58.1	57.2 58.4	57.3 58.9
IV 4500 4000	48.8 49.0	53.4 54.1	54.5 55.4	55.0 55.9	56.0 57.0	56.0 57.2	56.2 57.3	56.9 58.1	56.9 58.1	57.6 58.8	57.9 59.1	58.1 59.2	58.5 59.7	58.5 59.7	58.8 60.0	58.9 60.1
IV 3500 3000	51.0 52.0	55.6 57.3	57.2 58.9	57.8 59.5	59.1 61.0	59.2 61.1	59.4 61.3	60.1 62.0	60.1 62.0	60.9 62.8	61.1 63.0	61.3 63.2	61.7 63.6	61.7 63.6	62.0 63.7	62.2 64.1
IV 2500 2000	53.3 56.9	60.7 65.2	62.3 67.0	62.9 67.6	64.4 69.2	64.5 69.3	64.8 69.6	65.5 70.7	65.5 70.7	66.6 72.1	66.6 72.7	66.9 72.5	67.7 73.8	67.7 73.8	68.0 74.0	68.2 74.2
IV 1800 1500	60.0 64.2	67.0 74.2	68.8 75.9	69.4 74.6	71.0 76.4	71.3 75.7	71.6 77.3	72.4 78.3	72.4 78.3	73.9 79.9	74.5 80.5	74.6 80.8	75.5 81.7	75.5 81.7	75.8 82.0	76.0 82.1
IV 1200 1000	65.0 70.4	74.2 80.2	76.2 82.3	77.0 83.0	79.0 85.3	79.3 85.8	79.9 86.5	80.9 87.7	80.9 87.7	82.8 89.6	83.4 90.2	83.7 90.5	84.6 91.3	84.6 91.3	84.9 91.9	85.0 92.1
IV 900 800	70.8 71.4	80.8 81.7	82.8 83.7	83.6 84.5	86.2 87.1	86.5 87.4	87.5 88.5	88.6 89.4	88.6 89.4	90.5 91.3	91.1 91.9	91.3 92.2	92.2 93.1	92.2 93.1	92.7 93.7	93.0 94.0
IV 700 600	72.1 73.2	82.6 84.3	84.6 86.3	85.6 86.1	88.3 88.7	88.6 89.0	89.4 89.9	90.6 91.1	90.6 91.1	92.5 93.0	93.3 93.7	93.5 94.0	94.4 94.9	94.4 94.9	95.0 95.5	95.1 95.7
IV 500 400	72.7 73.6	83.7 84.9	85.9 87.1	87.0 88.4	89.7 91.2	90.0 91.5	90.9 92.4	92.1 93.7	92.1 93.7	94.0 95.7	94.7 96.0	95.0 96.0	96.0 97.1	96.0 97.1	96.2 97.2	96.6 97.9
IV 300 200	73.6 74.0	84.9 84.9	87.1 87.1	88.4 88.4	91.2 91.2	91.5 91.5	92.4 92.4	93.7 93.7	93.7 93.7	95.7 96.0	96.8 97.1	97.1 97.4	98.1 98.4	98.1 98.5	98.2 99.0	98.7 99.3
IV 100 0	73.0 73.0	84.9 84.9	87.1 87.1	88.4 88.4	91.2 91.2	91.5 91.5	92.4 92.4	93.8 93.8	93.8 93.8	96.2 96.2	97.2 97.2	97.5 97.5	99.0 99.0	99.1 99.1	99.7 99.7	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 602

DATA PROCESSING DIVISION
 1500 LTAC
 AIR BEATER CENTER/AC

CEILING VERSUS VISIBILITY

17901
 STATION

CEILING AND DUTY
 STATION NAME

27-06
 YEARS

01
 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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	41.0	42.3	42.6	42.7	43.0	43.1	44.2	44.4	44.3	44.4	44.4	44.4	44.4	44.4	44.4	45.1
≥ 20000	42.1	43.2	43.5	43.8	44.0	44.0	45.2	45.4	45.4	45.8	45.8	45.8	45.8	45.8	46.0	46.1
≥ 18000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 16000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 14000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 12000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 10000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 9000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 8000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 7000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 6000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 5000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 4500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 4000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 3500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 3000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 2500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 2000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 1800	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 1500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 1200	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 1000	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 900	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 800	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 700	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 600	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 500	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 400	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 300	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 200	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 100	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5
≥ 0	42.4	43.6	43.9	44.2	45.1	45.1	45.7	45.8	45.8	46.3	46.3	46.3	46.3	46.3	46.4	46.5

TOTAL NUMBER OF OBSERVATIONS 601

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

STATION
17901

RESOLUT NUT DUT LMT
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.0	28.2	26.3	28.3	26.6	28.5	28.7	29.1	29.1	29.2	29.4	29.4	29.5	29.5	29.7	30.3
≥ 20000	27.0	28.8	26.9	29.1	29.2	29.2	29.3	29.7	29.7	29.8	30.0	30.0	30.2	30.2	30.3	30.9
≥ 18000	26.0	29.2	30.0	30.2	30.3	30.3	30.5	30.8	30.8	30.9	31.1	31.1	31.2	31.2	31.4	32.0
≥ 16000	26.9	30.2	30.3	30.3	30.3	30.3	30.8	31.1	31.2	31.2	31.4	31.5	31.5	31.7	31.7	32.4
≥ 14000	30.0	31.5	31.7	31.8	32.1	32.1	32.4	32.5	32.6	32.7	32.9	32.9	33.0	33.0	33.2	33.4
≥ 12000	30.0	31.7	32.0	32.3	32.5	32.5	32.6	32.7	33.0	33.0	33.2	33.3	33.3	33.3	33.5	34.2
≥ 10000	30.3	32.0	32.3	32.6	32.9	32.9	33.2	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.9	34.5
≥ 9000	30.4	32.6	32.9	33.2	33.5	33.5	33.5	33.9	33.9	34.1	34.2	34.2	34.4	34.4	34.5	35.2
≥ 8000	31.0	33.5	33.8	34.1	34.4	34.4	34.7	34.8	34.8	35.0	35.2	35.2	35.3	35.3	35.5	36.1
≥ 7000	34.5	36.2	36.7	37.0	37.3	37.3	37.6	37.7	37.7	38.0	38.2	38.2	38.3	38.3	38.5	39.1
≥ 6000	35.0	37.4	38.0	38.3	38.6	38.8	39.2	39.2	39.2	39.5	39.7	39.7	39.8	39.8	40.0	40.6
≥ 5000	36.4	38.0	38.6	38.9	39.2	39.5	39.9	40.0	40.0	40.3	40.5	40.5	40.6	40.6	40.8	41.4
≥ 4500	36.2	38.2	38.8	39.1	39.7	39.7	40.0	40.2	40.2	40.5	40.6	40.6	40.6	40.8	40.8	41.9
≥ 4000	36.0	38.6	40.5	40.8	41.4	41.4	41.8	41.8	41.8	42.1	42.3	42.3	42.4	42.4	42.6	43.2
≥ 3500	37.4	41.4	42.0	42.3	42.9	42.9	43.2	43.3	43.3	43.6	43.8	43.8	43.9	43.9	44.1	44.7
≥ 3000	41.2	43.8	44.4	44.8	45.5	45.5	45.7	46.1	46.1	46.4	46.5	46.5	46.7	46.7	46.8	47.4
≥ 2500	43.0	46.1	46.7	47.1	47.7	47.7	48.2	48.3	48.5	48.8	48.9	48.9	49.1	49.1	49.2	49.8
≥ 2000	47.0	50.5	51.1	51.5	52.1	52.1	52.6	53.0	53.0	53.3	53.5	53.5	53.6	53.6	53.8	54.4
≥ 1800	47.7	50.6	51.2	51.7	52.3	52.3	52.7	53.2	53.2	53.5	53.6	53.6	53.8	53.8	53.9	54.4
≥ 1500	53.5	56.5	57.1	57.7	58.3	58.6	59.2	59.7	59.7	60.2	60.3	60.3	60.5	60.5	60.6	61.2
≥ 1200	56.5	60.3	60.9	62.3	62.9	63.2	63.6	64.2	64.2	64.8	65.0	65.0	65.2	65.2	65.5	65.9
≥ 1000	62.0	66.2	67.1	68.2	69.4	69.7	70.0	71.2	71.2	71.8	72.1	72.1	72.3	72.3	72.6	73.2
≥ 900	62.9	67.1	68.0	69.1	70.3	70.6	71.7	72.3	72.3	72.9	73.2	73.2	73.3	73.3	73.6	74.2
≥ 800	65.2	69.5	70.8	72.0	73.2	73.5	74.5	75.2	75.2	75.9	76.2	76.2	76.4	76.4	76.7	77.3
≥ 700	66.5	71.5	72.7	74.1	75.3	75.6	76.7	77.4	77.4	78.3	78.6	78.6	78.8	78.8	79.1	79.7
≥ 600	69.1	74.2	75.5	76.8	78.0	78.3	79.7	80.5	80.5	81.4	81.7	81.7	81.8	82.0	82.1	82.7
≥ 500	69.8	75.8	77.0	78.3	79.8	80.5	81.6	82.7	82.7	84.5	84.8	84.8	85.2	85.3	85.5	86.1
≥ 400	70.5	76.8	78.0	79.4	81.1	81.8	83.2	84.1	84.1	86.1	86.4	86.7	87.1	87.3	87.7	88.5
≥ 300	71.7	78.9	80.2	82.0	83.9	84.8	86.4	87.3	87.3	89.4	89.7	90.0	90.8	90.9	91.7	93.3
≥ 200	72.0	79.4	81.1	82.6	84.8	85.8	87.4	88.8	88.8	91.4	91.7	92.0	92.7	92.9	94.2	95.5
≥ 100	72.4	80.0	81.7	83.3	85.8	86.7	88.3	89.7	89.7	92.4	92.7	93.0	93.9	94.1	95.5	99.2
≥ 0	72.4	80.0	81.7	83.3	85.8	86.7	88.3	89.7	89.7	92.4	92.7	93.0	94.1	94.2	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS

600

AIR FORCE PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

1961
STATION

RESOLUTE POINT APT
STATION NAME

57-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7400-0200
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.9	30.5	30.5	30.5	30.7	30.7	30.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	32.0
≥ 25000	9.9	31.4	31.6	31.6	31.7	31.7	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.2	33.2
IV 18000	11.7	32.3	32.5	32.5	32.6	32.6	32.6	32.9	32.9	32.9	32.9	32.9	32.9	33.1	33.7	34.1
IV 16000	12.2	32.6	32.9	32.9	33.1	33.1	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.5	34.1	34.7
IV 14000	12.0	33.4	33.7	33.7	33.8	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.3	34.7	35.5
IV 12000	13.1	33.7	34.0	34.0	34.1	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.8	35.8
IV 10000	13.4	34.0	34.3	34.3	34.4	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.1	35.7	36.3
IV 9000	13.5	34.1	34.4	34.4	34.6	34.6	34.6	35.1	35.1	35.2	35.2	35.2	35.2	35.4	36.0	36.6
IV 8000	14.4	35.1	35.4	35.4	35.5	35.5	35.5	36.0	36.0	36.1	36.1	36.1	36.1	36.3	36.7	37.6
IV 7000	16.3	35.9	37.2	37.2	37.3	37.3	37.3	37.8	37.8	37.9	37.9	37.9	37.9	38.2	39.2	39.6
IV 6000	19.2	39.0	40.4	40.4	40.5	40.5	40.5	41.0	41.0	41.1	41.1	41.1	41.1	41.4	42.2	42.8
IV 5000	19.9	40.5	41.3	41.3	41.4	41.4	41.4	41.9	41.9	42.0	42.0	42.0	42.0	42.3	43.1	43.7
IV 4500	19.9	40.5	41.3	41.3	41.4	41.4	41.4	41.9	41.9	42.0	42.0	42.0	42.0	42.3	43.1	43.7
IV 4000	19.9	40.5	41.3	41.3	41.4	41.4	41.4	41.9	41.9	42.0	42.0	42.0	42.0	42.3	43.1	43.7
IV 3500	22.3	43.1	44.0	44.2	44.3	44.3	44.3	44.9	44.9	45.1	45.1	45.1	45.1	45.4	46.1	46.7
IV 3000	22.7	44.0	45.3	46.0	46.1	46.1	46.1	46.9	46.9	47.0	47.0	47.0	47.0	47.3	48.1	48.7
IV 2500	25.0	45.7	48.0	48.1	48.3	48.3	48.3	49.0	49.0	49.2	49.2	49.2	49.2	49.5	50.2	50.8
IV 2000	29.9	51.0	52.2	52.5	52.7	52.8	52.8	53.7	53.7	53.9	53.9	53.9	53.9	54.2	54.8	55.5
IV 1800	30.1	51.1	52.4	52.7	52.9	53.0	53.0	53.9	53.9	54.0	54.0	54.0	54.0	54.3	55.1	55.7
IV 1500	34.9	51.6	57.7	58.0	58.1	58.3	58.3	59.0	59.0	59.8	59.8	60.1	60.1	60.4	61.2	61.8
IV 1000	35.0	59.9	61.2	61.6	61.9	62.2	62.2	63.7	63.7	64.2	64.2	64.2	64.2	64.5	65.3	65.8
IV 900	35.0	60.3	62.0	63.4	63.9	64.2	64.2	65.7	65.7	66.2	66.2	66.2	66.2	66.5	67.3	67.8
IV 800	37.1	67.4	69.0	69.5	70.0	70.3	70.3	71.0	71.0	72.2	72.2	72.7	72.7	73.0	73.9	74.5
IV 700	37.1	70.1	71.4	72.4	73.0	73.7	73.7	74.5	74.5	75.7	75.7	76.2	76.2	76.5	77.4	78.0
IV 600	40.0	71.6	73.3	73.9	74.5	75.3	75.3	76.2	76.2	77.7	77.7	78.3	78.3	78.6	79.5	80.1
IV 500	40.0	73.0	74.7	75.3	75.9	76.6	76.6	77.7	77.7	79.7	79.7	80.7	80.7	81.2	82.1	82.7
IV 400	40.9	73.9	75.7	76.3	77.2	78.0	78.0	79.4	79.4	81.3	81.3	83.0	83.0	83.8	84.6	85.7
IV 300	41.9	75.1	77.1	77.8	79.2	80.0	80.0	81.3	81.3	83.9	83.9	85.4	85.4	86.5	87.9	88.8
IV 200	42.7	78.5	78.9	79.7	81.5	82.4	83.0	83.9	83.9	86.9	86.9	88.3	88.3	89.7	91.2	92.1
IV 100	43.4	77.4	80.0	81.3	83.3	84.2	85.0	87.9	87.9	88.3	90.6	90.9	91.0	92.9	94.2	95.8
IV 0	44.1	78.5	81.2	81.9	83.9	84.8	86.3	88.6	88.6	89.2	91.4	91.7	91.7	94.1	94.4	99.2

TOTAL NUMBER OF OBSERVATIONS

127

AD-A100 245

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
RESOLUTE APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC
JAN 72

UNCLASSIFIED

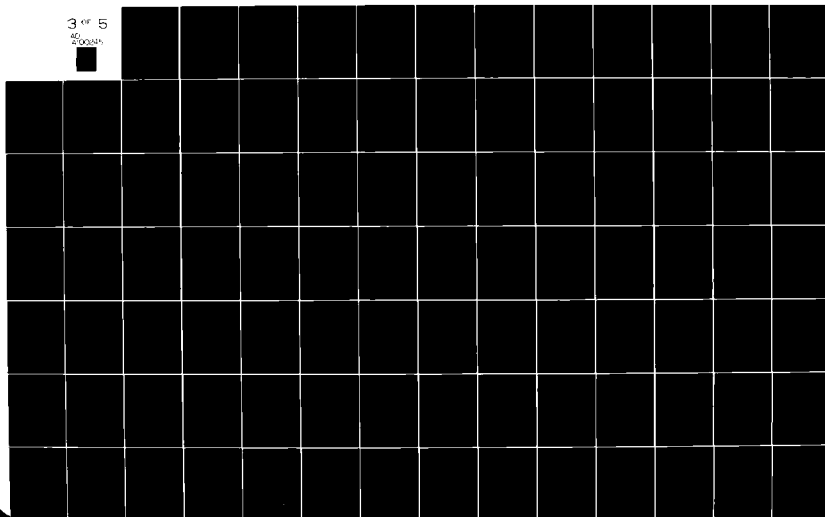
USAFETAC/DS-81/040

SBIE-AD-E850 067

NL

3 of 5

NO
FOOTNOTES



CEILING VERSUS VISIBILITY

27-66

YEARS

MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING V 20000	32.0 32.1	31.4 32.0	32.7 32.9	33.0 33.2	33.3 33.6	33.7 33.8	33.9 33.8	33.6 33.6	33.6 33.6	33.9 34.1	34.1 34.2	34.1 34.2	34.4 34.7	34.4 34.7	34.4 34.7	34.7 35.0
IV 18000 16000	33.2 33.3	33.6 33.8	33.9 34.1	34.2 34.4	34.7 34.6	34.7 34.8	34.8 35.0	34.8 35.0	35.0 35.0	35.2 35.3	35.3 35.5	35.3 35.5	35.8 35.9	35.8 35.9	35.8 35.9	36.1 36.2
IV 14000 12000	34.7 34.7	35.2 35.2	35.8 35.5	35.9 35.9	36.4 36.4	36.4 36.5	36.5 36.5	36.5 36.5	36.5 36.8	37.0 37.0	37.0 37.3	37.0 37.3	37.4 37.4	37.4 37.4	37.4 37.4	37.7 37.7
IV 10000 9000	35.3 36.1	35.8 36.5	36.2 37.0	36.5 37.3	37.0 37.1	37.0 37.7	37.1 37.7	37.1 37.9	37.1 37.9	37.4 38.2	37.6 38.3	37.6 38.3	38.0 38.8	38.0 38.8	38.0 38.8	38.3 39.1
IV 8000 7000	37.0 37.5	37.8 40.2	38.5 40.6	38.8 41.1	39.2 41.5	39.2 41.5	39.4 41.7	39.4 41.7	39.4 41.7	39.7 42.0	39.8 42.1	39.8 42.1	40.3 42.6	40.3 42.6	40.3 42.6	40.6 42.9
IV 6000 5000	40.8 41.2	41.4 42.0	42.0 42.0	42.3 42.9	42.7 43.3	42.7 43.3	42.9 43.3	42.9 43.3	43.0 43.6	43.3 43.9	43.3 44.1	43.3 44.1	43.9 44.5	43.9 44.5	43.9 44.5	44.2 44.8
IV 4500 4000	41.2 42.9	42.0 43.6	42.0 44.2	42.9 44.7	43.3 45.3	43.3 45.3	43.5 45.5	43.5 45.5	43.6 45.8	43.9 46.1	44.1 46.2	44.1 46.2	44.5 46.7	44.5 46.7	44.5 46.7	44.8 47.0
IV 3500 3000	43.9 44.4	44.7 47.3	45.3 47.9	45.8 48.3	46.3 49.1	46.3 49.2	46.7 49.4	46.7 49.4	46.8 49.5	47.1 49.8	47.3 50.0	47.3 50.0	47.7 50.0	47.7 50.0	47.7 50.0	48.0 50.9
IV 2500 2000	46.0 50.3	46.1 51.5	49.8 52.3	50.3 52.9	51.1 53.6	51.2 53.8	51.5 54.1	51.5 54.2	51.7 54.4	52.0 54.7	52.1 54.8	52.1 54.8	52.7 55.3	52.7 55.3	52.7 55.3	53.0 55.8
IV 1800 1500	50.3 54.2	51.8 55.2	52.6 57.0	53.2 57.9	54.1 58.6	54.2 58.9	54.5 59.4	54.7 59.7	54.8 59.8	55.2 60.3	55.3 60.5	55.3 60.5	55.9 61.1	55.9 61.1	55.9 61.1	56.2 61.4
IV 1200 1000	57.0 63.6	59.2 67.0	60.0 67.7	61.1 69.2	62.3 71.1	62.4 71.2	63.0 72.5	63.3 72.7	63.5 72.9	64.2 73.8	64.4 74.1	64.4 74.1	65.0 74.7	65.0 74.7	65.0 74.7	65.5 75.2
IV 900 800	74.1 80.5	77.6 84.2	78.3 84.9	79.8 86.4	81.7 88.3	81.8 88.4	82.9 89.4	83.5 89.7	83.6 89.8	84.3 90.3	84.8 90.5	84.8 90.5	85.5 91.1	85.5 91.1	85.5 91.1	86.0 91.4
IV 700 600	87.7 94.1	91.4 98.2	92.1 98.9	93.9 100.8	95.8 102.7	95.9 102.8	97.0 104.0	97.6 104.7	97.8 104.8	98.0 105.3	98.2 105.5	98.2 105.5	98.9 106.1	98.9 106.1	98.9 106.1	99.4 106.6
IV 500 400	70.3 70.5	74.8 75.5	75.6 76.2	77.4 78.0	80.3 81.1	80.8 81.5	82.0 83.0	83.3 84.4	83.6 84.7	85.3 87.0	85.9 87.6	85.9 87.6	87.0 88.1	87.1 88.4	87.4 88.7	87.7 90.0
IV 300 200	71.7 72.6	77.3 78.3	78.2 79.2	80.0 81.1	83.2 84.2	83.6 84.7	83.8 87.1	87.0 88.6	87.3 88.9	90.0 92.0	90.9 92.9	90.9 92.9	92.9 95.2	93.7 95.5	93.9 96.5	96.2 97.3
IV 100 0	72.6 72.6	78.6 78.6	79.7 79.7	81.5 81.5	84.7 84.7	85.2 85.2	87.1 87.1	88.4 88.4	89.7 89.7	92.7 92.7	93.6 93.6	93.6 93.6	96.2 96.2	96.5 96.5	96.6 96.6	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

505

USAF ETAC FORM 0-14-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE BAY DEL RPT
STATION NAME

57-66
YEARS

JULY
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	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	33.9	33.9	34.1	34.2	34.4	34.4	34.5	34.5	34.5	34.7	34.7	34.7	35.2	35.2	35.3	35.3
≥ 20000	34.2	34.4	34.3	34.7	34.6	34.8	35.0	35.0	35.0	35.3	35.3	35.3	35.8	35.8	35.9	35.9
IV 18000	35.2	35.3	35.3	35.6	35.3	35.8	35.7	35.9	35.9	36.2	36.2	36.2	36.7	36.7	36.8	36.8
IV 16000	35.2	35.3	35.3	35.6	35.3	35.8	35.7	35.9	35.9	36.2	36.2	36.2	36.7	36.7	36.8	36.8
IV 14000	35.0	35.8	35.9	36.2	36.5	36.5	36.8	36.8	37.1	37.1	37.1	37.1	37.7	37.7	37.9	37.9
IV 12000	35.0	35.9	36.1	36.4	36.7	36.7	37.0	37.0	37.0	37.3	37.3	37.3	37.7	37.7	37.9	37.9
IV 10000	36.2	36.7	36.8	37.1	37.4	37.4	37.7	37.9	37.9	38.2	38.2	38.2	38.6	38.8	38.9	38.9
IV 9000	38.0	38.6	38.8	39.1	39.4	39.4	39.8	39.8	39.8	40.2	40.2	40.2	40.6	40.8	40.9	40.9
IV 8000	40.0	40.8	40.9	41.2	41.5	41.5	42.0	42.0	42.0	42.3	42.3	42.3	42.7	42.9	43.0	43.0
IV 7000	43.2	43.9	44.1	44.4	44.7	44.7	45.2	45.2	45.2	45.5	45.5	45.5	45.9	46.1	46.2	46.2
IV 6000	44.8	45.6	45.9	46.2	46.5	46.5	47.0	47.0	47.0	47.3	47.3	47.3	47.7	47.9	48.0	48.0
IV 5000	45.0	45.8	46.1	46.4	46.7	46.7	47.1	47.1	47.1	47.4	47.4	47.4	47.9	48.0	48.2	48.2
IV 4500	45.2	45.9	46.2	46.5	46.8	46.8	47.3	47.3	47.3	47.6	47.6	47.6	48.0	48.2	48.3	48.3
IV 4000	46.2	47.3	47.6	47.9	48.3	48.3	48.8	48.8	48.8	49.1	49.1	49.1	49.5	49.7	49.9	49.9
IV 3500	48.8	47.6	47.9	48.2	48.6	48.6	49.1	49.1	49.1	49.4	49.4	49.4	49.8	50.0	50.2	50.7
IV 3000	49.1	49.8	50.2	50.6	51.1	51.1	51.5	51.5	51.5	51.8	51.8	51.8	52.3	52.4	52.6	52.6
IV 2500	51.2	52.0	52.3	52.7	53.2	53.2	53.9	53.9	53.9	54.2	54.2	54.2	54.7	54.8	55.0	55.0
IV 2000	53.9	54.7	55.0	55.5	55.9	55.9	56.3	57.0	57.0	57.3	57.3	57.3	57.7	57.9	58.0	58.0
IV 1800	54.5	55.8	56.2	56.7	57.3	57.3	58.2	58.5	58.5	58.8	58.8	58.8	58.9	59.4	59.5	59.7
IV 1500	56.0	61.1	61.5	62.3	63.3	63.3	64.4	64.7	64.7	65.2	65.3	65.3	65.9	66.1	66.2	66.2
IV 1200	62.0	64.8	65.3	66.1	67.3	67.3	68.5	68.8	68.8	69.2	69.7	69.7	70.2	70.3	70.5	70.5
IV 1000	67.7	71.4	72.0	72.9	74.2	74.7	76.1	76.5	76.5	77.3	77.7	77.7	78.2	78.3	78.5	78.5
IV 900	68.0	71.7	72.3	73.3	74.7	75.2	77.0	77.4	77.4	78.2	78.6	78.6	79.1	79.2	79.4	79.4
IV 800	69.6	73.6	74.4	75.6	77.0	77.4	79.7	80.3	80.3	81.1	81.7	81.7	82.3	82.4	82.6	82.6
IV 700	70.9	75.3	76.1	77.3	78.9	79.4	81.7	82.3	82.3	83.3	83.9	83.9	84.1	84.7	84.8	85.0
IV 600	72.1	76.5	77.3	78.5	80.2	80.6	82.9	83.8	83.8	85.0	85.6	85.6	86.5	86.7	86.8	86.8
IV 500	73.6	78.5	79.2	80.3	82.1	82.6	85.0	86.1	86.1	87.7	88.3	88.3	89.2	89.4	89.5	89.7
IV 400	74.8	80.2	81.2	82.7	84.5	85.0	87.7	88.8	88.8	90.6	91.4	91.4	92.3	92.6	92.7	92.9
IV 300	75.9	81.5	82.7	84.4	86.2	86.8	90.0	91.5	91.8	93.8	94.8	95.2	96.2	96.5	96.7	97.0
IV 200	76.1	81.7	82.9	84.5	86.4	87.0	90.2	91.7	92.0	94.1	95.2	95.4	96.5	96.8	97.1	97.7
IV 100	76.1	81.8	83.0	84.7	86.7	87.3	90.6	92.1	92.4	94.7	96.1	96.4	97.6	97.9	98.5	99.7
IV 0	76.1	81.8	83.0	84.7	86.7	87.3	90.6	92.1	92.4	94.7	96.1	96.4	97.6	97.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 660

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/400

CEILING VERSUS VISIBILITY

17401
STATION

RESOLUTE PT APT
STATION NAME

57-56
YEARS

MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.7	35.0	35.0	35.0	35.2	35.2	35.0	35.0	35.6	35.9	36.1	36.1	36.2	36.2	36.2	36.2
≥ 20000	35.2	35.5	35.5	35.5	35.6	35.6	36.1	36.1	36.1	36.4	36.5	36.5	36.7	36.7	36.7	36.7
IV 18000	36.1	36.4	36.4	36.4	36.5	36.5	37.0	37.0	37.0	37.4	37.6	37.6	37.7	37.7	37.7	37.7
IV 16000	36.1	36.4	36.4	36.4	36.5	36.5	37.0	37.0	37.0	37.4	37.6	37.6	37.7	37.7	37.7	37.7
IV 14000	37.1	37.4	37.4	37.4	37.6	37.6	38.0	38.0	38.0	38.5	38.6	38.6	38.8	38.8	38.8	38.8
IV 12000	37.3	37.6	37.6	37.6	37.7	37.7	38.2	38.2	38.2	38.6	38.8	38.8	38.9	38.9	38.9	38.9
IV 10000	38.4	39.2	39.2	39.2	39.4	39.4	40.2	40.2	40.2	40.6	40.8	40.8	40.9	40.9	40.9	40.9
IV 9000	40.6	41.1	41.1	41.1	41.2	41.2	42.0	42.0	42.0	42.4	42.6	42.6	42.7	42.7	42.7	42.7
IV 8000	43.0	43.6	43.6	43.6	44.1	44.1	44.8	44.8	44.8	45.3	45.5	45.5	45.6	45.6	45.6	45.6
IV 7000	47.1	47.9	48.2	48.2	48.3	48.3	49.1	49.1	49.1	49.5	49.7	49.7	49.8	49.8	49.8	49.8
IV 6000	47.7	48.5	48.8	48.8	48.9	48.9	49.7	49.7	49.7	50.2	50.3	50.3	50.5	50.5	50.5	50.5
IV 5000	48.3	49.2	49.5	49.5	49.7	49.7	50.5	50.5	50.5	50.9	51.1	51.1	51.2	51.2	51.2	51.2
IV 4500	48.5	49.4	49.7	49.7	49.8	49.8	50.6	50.6	50.6	51.1	51.2	51.2	51.4	51.4	51.4	51.4
IV 4000	50.5	51.5	51.8	51.8	52.0	52.0	52.7	52.7	52.7	53.2	53.3	53.3	53.5	53.5	53.5	53.5
IV 3500	51.2	52.3	52.6	52.6	52.7	52.7	53.5	53.5	53.5	53.9	54.1	54.1	54.2	54.2	54.2	54.2
IV 3000	52.9	53.9	54.2	54.2	54.4	54.4	55.2	55.2	55.2	55.6	55.8	55.8	55.9	55.9	55.9	55.9
IV 2500	53.8	55.0	55.3	55.3	55.6	55.6	56.4	56.4	56.4	56.8	57.0	57.0	57.1	57.1	57.1	57.1
IV 2000	56.1	57.4	57.7	57.7	58.5	58.5	59.2	59.2	59.2	59.7	59.8	59.8	60.0	60.0	60.0	60.0
IV 1800	57.3	58.6	58.9	58.9	59.7	59.7	60.5	60.5	60.5	60.9	61.1	61.1	61.2	61.4	61.4	61.4
IV 1600	60.6	62.9	63.3	63.3	64.7	64.7	65.9	65.9	65.9	66.4	66.5	66.5	66.7	66.8	66.8	66.8
IV 1400	63.0	66.4	67.0	67.0	68.8	68.8	70.3	70.3	70.3	71.2	71.4	71.4	71.5	71.7	71.7	71.7
IV 1200	67.7	73.9	74.7	74.7	77.1	77.1	78.8	78.8	78.8	80.0	80.2	80.2	80.3	80.5	80.5	80.5
IV 1000	70.6	75.0	75.8	75.8	78.2	78.2	79.8	79.8	79.8	80.2	81.1	81.2	81.2	81.4	81.5	81.5
IV 900	73.3	78.0	79.1	79.1	81.7	81.7	83.5	83.5	83.5	84.7	84.8	84.8	85.0	85.2	85.2	85.2
IV 800	75.3	80.2	81.2	81.2	83.8	83.8	85.6	85.6	85.6	86.9	87.0	87.1	87.3	87.4	87.4	87.4
IV 700	76.7	81.5	82.6	82.6	85.3	85.3	87.1	87.1	87.1	87.6	88.1	88.2	88.4	88.5	88.5	88.5
IV 600	78.2	83.2	84.2	84.2	87.1	87.1	88.9	88.9	88.9	89.5	89.7	89.7	90.0	90.3	90.3	90.3
IV 500	78.2	83.6	84.7	84.7	88.2	88.2	90.2	90.2	90.2	91.2	91.4	91.4	91.9	92.3	92.3	92.3
IV 400	78.5	83.9	85.0	85.0	89.4	89.4	91.5	91.5	91.5	92.2	92.3	92.3	92.6	92.7	92.7	92.7
IV 300	78.8	84.4	85.5	85.5	89.8	89.8	90.2	92.0	92.0	93.8	93.9	93.9	94.0	94.5	94.5	94.5
IV 200	78.8	84.4	85.5	85.5	89.8	89.8	90.2	92.0	92.0	93.8	93.9	93.9	94.0	94.5	94.5	94.5
IV 100	78.8	84.4	85.5	85.5	89.8	89.8	90.2	92.0	92.0	93.8	93.9	93.9	94.0	94.5	94.5	94.5
IV 0	78.8	84.4	85.5	85.5	89.8	89.8	90.2	92.0	92.0	93.8	93.9	93.9	94.0	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 560

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/DAC

CEILING VERSUS VISIBILITY

17901
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
STATION NAME

57-66
YEARS

31-4
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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 18000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 16000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 14000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 12000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 10000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 8000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 7000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 6000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 5000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 4500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 4000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 3500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 3000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 2500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 2000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 1800	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 1500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 1200	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 1000	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 900	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 800	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 700	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 600	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 500	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 400	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 300	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 200	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 100	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3
IV 0	30.2	30.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3

TOTAL NUMBER OF OBSERVATIONS

660

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE PT OFF APT
STATION NAME

27-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1806-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
≥ 20000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 18000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 16000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 14000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 12000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 10000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 8000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 6000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 4000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 3000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 2000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1800	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1600	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1400	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1200	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 1000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 800	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 600	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 400	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 300	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 200	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 100	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2

TOTAL NUMBER OF OBSERVATIONS

660

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
 STATION

RESOLUTE NFI DUTY APT
 STATION NAME

57-46
 YEARS

JUN
 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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	26.5	24.6	24.1	29.1	29.1	29.1	29.4	27.4	29.4	29.5	29.7	29.7	29.7	29.7	29.7	30.3
≥ 20000	29.6	24.9	29.4	29.4	29.4	29.4	29.7	29.7	29.7	29.8	30.0	30.0	30.0	30.0	30.2	30.6
IV 18000	29.7	30.2	30.6	30.6	30.6	30.6	30.9	30.9	30.9	31.2	31.4	31.4	31.4	31.4	31.5	32.0
IV 16000	29.7	30.2	30.6	30.6	30.6	30.6	30.7	30.9	30.9	31.2	31.4	31.4	31.4	31.4	31.5	32.0
IV 14000	32.0	32.6	33.3	33.3	33.3	33.3	33.6	34.6	33.6	34.1	34.2	34.2	34.2	34.2	34.4	34.8
IV 12000	32.1	32.7	33.5	33.5	33.5	33.5	33.8	34.8	33.8	34.4	34.5	34.5	34.5	34.5	34.7	35.2
IV 10000	33.0	33.6	34.4	34.4	34.4	34.4	34.7	34.7	34.7	35.3	35.5	35.5	35.5	35.5	35.6	36.1
IV 9000	33.3	33.9	34.7	34.7	34.7	34.7	35.0	35.0	35.0	35.6	35.8	35.8	35.8	35.8	35.9	36.4
IV 8000	35.0	35.6	36.4	36.4	36.4	36.4	36.7	36.7	36.7	37.3	37.4	37.4	37.4	37.4	37.6	38.0
IV 7000	39.5	40.3	41.1	41.1	41.2	41.2	41.5	41.5	41.5	42.1	42.3	42.3	42.3	42.3	42.4	42.9
IV 6000	40.5	41.2	42.0	42.0	42.1	42.1	42.4	42.4	42.4	43.0	43.2	43.2	43.2	43.2	43.3	43.8
IV 5000	41.5	42.3	43.0	43.0	43.2	43.2	43.5	43.5	43.5	44.1	44.2	44.2	44.2	44.2	44.4	44.8
IV 4500	41.5	42.3	43.0	43.0	43.2	43.2	43.5	43.5	43.5	44.1	44.2	44.2	44.2	44.2	44.4	44.8
IV 4000	44.5	45.3	46.0	46.0	46.2	46.2	46.5	46.5	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.8
IV 3500	44.5	45.3	46.0	46.0	46.2	46.2	46.5	46.5	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.8
IV 3000	45.9	47.1	48.0	48.0	48.2	48.2	48.6	48.6	48.6	49.2	49.4	49.4	49.4	49.4	49.5	50.2
IV 2500	47.9	49.4	50.3	50.3	50.5	50.5	50.9	50.9	50.9	51.5	51.7	51.7	51.7	51.7	51.8	52.4
IV 2000	52.0	53.8	54.7	54.7	54.8	54.8	55.3	55.3	55.3	55.9	56.1	56.1	56.1	56.1	56.2	56.8
IV 1800	52.1	53.9	54.8	54.8	55.3	55.3	55.8	55.8	55.8	56.5	56.7	56.7	56.7	56.7	56.8	57.4
IV 1500	57.4	60.3	61.4	61.4	62.6	63.0	63.6	63.6	63.6	64.5	64.7	64.7	64.7	64.7	64.8	65.5
IV 1200	59.8	63.3	64.4	64.4	65.8	66.2	67.0	67.0	67.0	68.0	68.2	68.2	68.2	68.2	68.3	68.9
IV 1000	65.9	70.3	71.4	71.4	73.0	73.5	74.4	74.4	74.4	75.2	75.4	75.4	75.4	75.4	75.7	77.3
IV 900	77.7	72.3	73.5	74.2	75.2	75.6	76.5	77.1	77.3	78.5	78.5	78.5	78.5	78.5	78.8	79.4
IV 800	69.5	74.4	75.6	76.4	77.3	77.7	78.8	79.4	79.5	80.8	80.9	80.9	80.9	80.9	81.1	81.7
IV 700	70.8	75.2	77.4	78.2	79.2	79.7	80.8	81.4	81.5	83.0	83.2	83.2	83.2	83.2	83.3	84.1
IV 600	71.5	77.7	79.2	80.2	81.2	81.7	82.7	83.3	83.5	85.0	85.2	85.2	85.2	85.2	85.3	86.1
IV 500	72.6	79.2	81.1	82.1	83.3	83.9	85.0	85.6	85.8	87.9	88.0	88.0	88.0	88.0	88.0	89.4
IV 400	73.2	80.2	82.3	83.6	84.6	85.5	86.5	87.1	87.3	89.7	89.8	89.8	89.8	89.8	90.2	91.4
IV 300	74.1	81.1	83.3	84.7	86.2	86.8	88.0	88.8	88.9	91.5	91.7	91.7	91.7	91.7	92.3	94.1
IV 200	74.7	81.7	84.1	85.5	87.1	87.7	89.4	90.2	90.3	93.2	93.5	93.5	93.5	93.5	94.2	97.6
IV 100	74.7	81.8	84.4	85.8	87.4	88.0	90.2	91.1	91.2	94.2	94.5	94.5	94.5	94.5	95.6	98.5
IV 0	74.7	81.8	84.4	85.8	87.4	88.0	90.2	91.1	91.2	94.2	94.7	94.7	94.7	94.7	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AGC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NAT OPI API
STATION NAME

57-66
YEARS

JUL
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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	31.2	31.7	32.3	32.3	32.3	32.3	32.3	32.6	32.6	32.7	32.7	32.7	33.0	33.0	33.3	33.3
≥ 20000	32.0	33.0	33.0	33.6	33.6	33.6	33.6	33.9	33.9	34.0	34.0	34.0	34.3	34.3	34.6	34.6
IV 18000	33.3	33.7	34.3	34.3	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.8	34.8	35.0	35.5
IV 16000	33.3	33.7	34.3	34.3	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.8	34.8	35.0	35.5
IV 14000	34.0	34.5	35.0	35.0	35.2	35.2	35.2	35.5	35.5	35.6	35.6	35.6	35.9	35.9	36.2	36.4
IV 12000	34.6	35.0	35.6	35.6	35.8	35.8	35.8	36.1	36.1	36.2	36.2	36.2	36.5	36.5	36.6	37.0
IV 10000	36.2	36.7	37.2	37.2	37.4	37.4	37.4	37.7	37.7	37.8	37.8	37.8	38.1	38.1	38.4	38.6
IV 9000	37.7	38.1	38.7	38.7	38.9	38.9	38.9	39.1	39.1	39.3	39.3	39.3	39.6	39.6	39.9	40.0
IV 8000	42.1	42.7	43.3	43.3	43.4	43.4	43.4	43.7	43.7	43.8	43.8	43.8	44.1	44.1	44.4	44.6
IV 7000	43.7	44.4	45.0	45.0	45.2	45.2	45.2	45.5	45.5	45.6	45.6	45.6	45.9	45.9	46.2	46.3
IV 6000	44.9	45.6	46.2	46.2	46.3	46.3	46.3	46.6	46.6	46.8	46.8	46.8	47.1	47.1	47.4	47.5
IV 5000	45.0	46.3	46.9	46.9	47.1	47.1	47.1	47.4	47.4	47.7	47.7	47.7	47.9	47.9	48.2	48.4
IV 4500	46.3	47.2	47.8	47.8	47.9	47.9	47.9	48.2	48.2	48.5	48.5	48.5	48.8	48.8	49.1	49.3
IV 4000	48.7	49.4	50.0	50.0	50.1	50.1	50.1	50.4	50.4	50.7	50.7	50.7	51.0	51.0	51.3	51.6
IV 3500	50.0	50.7	51.3	51.3	51.5	51.5	51.5	51.9	51.9	52.3	52.3	52.3	52.6	52.6	52.9	53.2
IV 3000	52.3	53.4	54.0	54.0	54.1	54.1	54.1	54.5	54.5	55.1	55.1	55.1	55.4	55.4	55.7	56.0
IV 2500	54.1	55.1	55.7	55.7	56.0	56.0	56.0	56.5	56.5	57.0	57.0	57.0	57.3	57.3	57.6	58.2
IV 2000	58.2	59.4	60.3	60.4	60.9	60.9	60.9	61.3	61.3	61.9	61.9	61.9	62.2	62.2	62.5	63.0
IV 1800	58.8	60.0	60.9	61.0	61.4	61.4	61.4	61.9	61.9	62.5	62.5	62.5	62.8	62.8	63.0	63.6
IV 1500	51.9	63.6	64.3	64.7	65.1	65.1	65.1	65.5	65.5	66.1	66.1	66.1	66.7	66.7	67.0	67.6
IV 1200	62.8	64.5	65.4	65.7	66.1	66.1	66.1	66.6	66.6	67.2	67.2	67.2	67.3	67.3	68.0	68.9
IV 1000	66.4	69.4	70.2	70.7	71.1	71.1	71.1	71.6	71.6	72.6	72.6	72.6	73.2	73.2	74.2	75.1
IV 900	66.9	69.8	70.7	71.1	71.6	71.6	71.6	72.0	72.0	73.0	73.0	73.0	73.6	73.6	74.6	75.5
IV 800	68.0	71.4	72.3	72.7	73.3	73.3	73.3	73.9	73.9	74.9	74.9	74.9	75.5	75.5	76.5	77.4
IV 700	69.2	72.7	73.8	74.2	74.8	74.8	74.8	75.5	75.5	76.7	76.7	76.7	77.3	77.3	78.3	79.2
IV 600	69.4	72.9	74.2	74.6	75.2	75.2	75.2	76.0	76.0	77.1	77.1	77.1	77.7	77.7	78.7	79.9
IV 500	70.2	73.9	75.2	75.7	76.5	76.5	76.5	77.6	77.6	78.7	78.7	78.7	79.3	79.3	80.4	81.5
IV 400	71.6	75.4	76.7	77.3	78.3	78.3	78.3	79.5	79.5	80.6	80.6	80.6	81.2	81.2	82.3	83.0
IV 300	72.9	77.0	78.3	78.9	80.1	80.1	80.1	81.4	81.4	82.7	82.7	82.7	83.3	83.3	84.6	85.7
IV 200	73.0	77.3	78.6	79.3	80.5	80.5	80.5	81.8	81.8	83.0	83.0	83.0	84.3	84.3	85.6	86.9
IV 100	73.3	77.6	78.9	79.6	80.9	80.9	80.9	82.1	82.1	83.4	83.4	83.4	84.8	84.8	86.1	87.5
IV 0	73.3	77.6	78.9	79.6	80.9	80.9	80.9	82.1	82.1	83.4	83.4	83.4	84.8	84.8	86.1	87.5

TOTAL NUMBER OF OBSERVATIONS

667

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AGC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NAV BUI APT
STATION NAME

57-65
YEARS

1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.00-0.900
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.1	32.4	32.7	32.8	32.4	32.1	33.1	33.4	33.4	33.9	33.9	33.9	34.0	34.0	34.0	34.3
≥ 20000	33.1	34.0	34.3	34.3	34.3	34.3	34.6	35.0	35.0	35.3	35.3	35.3	35.6	35.6	35.6	35.7
≥ 18000	33.7	34.6	34.9	35.0	35.0	35.0	35.3	35.6	35.6	36.1	36.1	36.1	36.2	36.2	36.2	36.9
≥ 16000	33.7	34.6	34.9	35.0	35.0	35.0	35.3	35.6	35.6	36.1	36.1	36.1	36.2	36.2	36.2	36.9
≥ 14000	34.6	35.0	35.3	35.5	35.5	35.5	35.6	36.1	36.1	36.5	36.5	36.5	36.7	36.7	36.7	37.0
≥ 12000	34.6	35.0	35.3	35.5	35.5	35.5	35.6	36.1	36.1	36.5	36.5	36.5	36.7	36.7	36.7	37.0
≥ 10000	35.0	35.5	35.6	37.0	37.0	37.0	37.2	37.7	37.7	38.1	38.1	38.1	38.3	38.3	38.3	38.6
≥ 9000	37.5	38.4	38.7	38.9	38.9	38.9	39.2	39.6	39.6	40.0	40.0	40.0	40.2	40.2	40.2	40.5
≥ 8000	40.0	40.9	41.2	41.3	41.3	41.3	41.6	42.1	42.1	42.5	42.5	42.5	42.7	42.7	42.7	43.0
≥ 7000	43.0	43.8	44.1	44.3	44.3	44.3	44.6	45.0	45.0	45.5	45.5	45.5	45.6	45.6	45.6	45.9
≥ 6000	43.0	44.7	45.0	45.2	45.2	45.2	45.5	45.9	45.9	46.3	46.3	46.3	46.5	46.5	46.5	46.8
≥ 5000	44.0	45.3	45.7	45.9	45.9	45.9	46.2	46.6	46.6	47.1	47.1	47.1	47.2	47.2	47.2	47.5
≥ 4500	44.9	45.7	46.0	46.2	46.2	46.2	46.5	46.9	46.9	47.4	47.4	47.4	47.5	47.5	47.5	47.8
≥ 4000	46.0	47.5	47.8	47.9	47.9	47.9	48.2	48.7	48.7	49.1	49.1	49.1	49.3	49.3	49.3	49.6
≥ 3500	47.7	48.5	48.8	49.0	49.0	49.0	49.3	49.9	49.9	50.4	50.4	50.4	50.6	50.6	50.6	50.9
≥ 3000	51.2	52.1	52.3	52.5	52.5	52.5	52.8	53.4	53.4	54.1	54.1	54.1	54.3	54.3	54.3	54.5
≥ 2500	53.7	54.8	55.1	55.3	55.3	55.3	55.6	56.2	56.2	56.9	57.0	57.0	57.3	57.3	57.3	57.6
≥ 2000	57.2	58.4	58.7	58.8	58.8	58.8	59.1	59.8	59.8	60.7	61.1	61.1	61.4	61.4	61.4	61.7
≥ 1800	57.9	59.1	59.4	59.5	59.5	59.5	59.8	60.6	60.6	61.4	61.9	61.9	62.2	62.2	62.2	62.5
≥ 1500	60.7	62.3	62.6	62.9	62.9	62.9	63.2	63.9	64.1	65.0	65.4	65.4	66.0	66.0	66.0	66.3
≥ 1200	61.3	62.9	63.2	63.5	63.6	63.6	63.9	64.7	64.8	65.7	66.3	66.3	66.9	66.9	67.0	67.3
≥ 1000	63.9	65.3	65.6	67.0	67.3	67.3	67.6	68.3	68.3	69.4	69.9	69.9	70.7	70.7	71.0	71.3
≥ 900	64.1	65.6	65.7	67.2	67.4	67.4	67.7	68.6	68.8	69.6	70.2	70.4	71.1	71.3	71.4	71.7
≥ 800	65.7	68.0	68.3	68.8	69.1	69.1	69.2	70.3	70.7	71.6	72.1	72.1	73.0	73.2	73.3	73.6
≥ 700	66.6	69.1	69.4	69.8	70.1	70.1	70.7	71.7	72.0	72.9	73.5	73.5	74.3	74.5	74.6	74.9
≥ 600	67.0	69.5	69.8	70.2	70.5	70.5	71.1	72.1	72.4	73.3	74.2	74.2	75.0	75.2	75.3	75.6
≥ 500	67.9	70.3	71.0	71.6	72.1	72.1	72.7	73.8	74.0	75.2	76.0	76.1	77.3	77.7	78.0	78.8
≥ 400	69.1	71.8	72.3	73.0	73.6	73.8	74.3	75.4	75.7	76.8	77.9	78.0	79.2	79.6	80.0	80.4
≥ 300	69.6	72.6	73.2	74.0	75.1	75.1	75.7	76.7	77.0	78.3	79.6	79.9	81.2	82.0	83.0	83.6
≥ 200	70.7	74.0	74.6	75.5	76.7	76.7	77.4	78.7	79.0	80.4	82.0	82.3	83.9	84.6	87.4	90.5
≥ 100	70.8	74.2	74.8	75.8	77.1	77.1	77.9	79.3	79.6	81.4	83.4	83.7	85.9	86.7	89.7	94.7
≥ 0	70.8	74.2	74.8	75.8	77.1	77.1	77.9	79.3	79.6	81.4	83.4	83.9	86.1	87.1	91.1	100.0

TOTAL NUMBER OF OBSERVATIONS 602

DATA PROCESSING DIVISION
SAF ETAC
CIN WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE NVT UNIT APT
STATION NAME

57-66
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.2	29.4	29.0	29.6	29.8	29.6	29.9	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.4	30.6
≥ 20000	29.0	29.1	30.1	30.1	30.2	30.2	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	31.1
IV 18000	29.9	30.4	30.4	30.4	30.5	30.5	30.6	30.7	30.8	30.9	30.9	30.9	30.9	30.9	31.1	31.4
IV 16000	29.9	30.4	30.4	30.4	30.5	30.5	30.6	30.7	30.8	30.9	30.9	30.9	30.9	30.9	31.1	31.4
IV 14000	30.1	30.5	30.5	30.5	30.6	30.6	30.6	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.2	31.5
IV 12000	31.1	31.7	31.7	31.7	31.7	31.7	32.0	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.6	32.7
IV 10000	33.7	34.5	34.5	34.5	34.5	34.6	34.9	35.0	35.0	35.3	35.3	35.3	35.3	35.3	35.5	35.8
IV 9000	35.2	35.9	35.9	35.9	36.1	36.1	36.2	36.5	36.5	36.8	36.8	36.8	36.8	36.8	37.0	37.2
IV 8000	38.3	39.0	39.0	39.0	39.1	39.1	39.3	39.6	39.6	39.9	39.9	39.9	39.9	39.9	40.0	40.3
IV 7000	42.5	43.4	43.4	43.4	43.5	43.5	43.7	44.0	44.0	44.4	44.4	44.4	44.4	44.4	44.5	44.9
IV 6000	43.6	44.7	44.7	44.7	44.9	44.9	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.9	46.2
IV 5000	45.3	46.2	46.2	46.2	46.3	46.3	46.5	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.4	47.7
IV 4500	45.6	46.5	46.5	46.5	46.6	46.6	46.8	47.1	47.1	47.5	47.5	47.5	47.5	47.5	47.7	47.9
IV 4000	46.1	47.1	47.1	47.1	47.3	47.3	47.4	47.7	47.7	50.3	50.3	50.3	50.3	50.3	50.4	50.7
IV 3500	49.3	50.3	50.3	50.3	50.4	50.4	50.7	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.8	52.1
IV 3000	51.0	52.2	52.2	52.2	52.3	52.3	52.6	52.9	52.9	53.7	53.7	53.7	53.7	53.7	53.8	54.1
IV 2500	53.7	54.8	54.8	54.8	55.1	55.1	55.4	55.7	55.7	56.5	56.5	56.5	56.5	56.5	56.7	57.0
IV 2000	55.9	57.2	57.2	57.2	57.3	57.3	57.6	57.9	57.9	59.1	59.1	59.1	59.1	59.1	59.4	59.7
IV 1800	56.3	57.6	57.6	57.6	58.1	58.1	58.4	58.7	58.7	59.5	59.5	59.5	59.5	59.5	59.8	60.1
IV 1500	57.9	59.2	59.2	59.2	59.7	59.7	60.0	60.4	60.4	61.4	61.4	61.4	61.4	61.4	61.7	62.0
IV 1200	58.5	60.1	60.1	60.1	60.7	60.7	61.1	61.6	61.6	62.6	62.6	62.6	62.6	62.6	62.9	63.2
IV 1000	62.5	64.2	64.2	64.2	65.7	65.7	66.1	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.3	67.6
IV 900	62.6	64.4	64.4	64.4	65.8	65.8	66.3	66.8	66.8	67.3	67.3	67.3	67.3	67.3	67.6	67.9
IV 800	64.8	66.9	66.9	66.9	68.3	68.3	68.8	69.4	69.4	69.8	69.8	69.8	69.8	69.8	70.1	70.4
IV 700	67.0	69.6	69.6	69.6	71.1	71.1	71.7	72.3	72.3	72.9	72.9	72.9	72.9	72.9	73.2	73.5
IV 600	67.0	69.6	69.6	69.6	71.1	71.1	71.7	72.3	72.3	72.9	72.9	72.9	72.9	72.9	73.2	73.5
IV 500	67.7	71.4	71.4	71.4	72.9	72.9	73.5	74.2	74.2	74.8	74.8	74.8	74.8	74.8	75.2	75.5
IV 400	68.6	73.0	73.0	73.0	74.8	74.8	75.5	76.2	76.2	77.0	77.0	77.0	77.0	77.0	77.4	77.7
IV 300	69.3	74.5	74.5	74.5	76.0	76.0	76.7	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.4	78.7
IV 200	70.2	75.5	75.5	75.5	77.1	77.1	77.8	78.5	78.5	79.2	79.2	79.2	79.2	79.2	79.5	79.8
IV 100	70.2	75.5	75.5	75.5	77.1	77.1	77.8	78.5	78.5	79.2	79.2	79.2	79.2	79.2	79.5	79.8
IV 0	70.2	75.5	75.5	75.5	77.1	77.1	77.8	78.5	78.5	79.2	79.2	79.2	79.2	79.2	79.5	79.8

TOTAL NUMBER OF OBSERVATIONS

5.2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

1/7/01
STATION

WHEELSOUTH APT DUT APT
STATION NAME

27-66
YEARS

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.2	29.9	30.4	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 20000	30.2	30.9	31.4	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
IV 18000	30.5	31.2	31.7	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
IV 16000	30.0	31.4	31.6	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4
IV 14000	30.0	31.5	32.0	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.6	32.6	32.6
IV 12000	31.2	32.0	32.4	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	33.0	33.0	33.0
IV 10000	33.1	33.9	34.3	34.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0
IV 9000	34.3	35.2	35.6	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.4	36.4	36.4
IV 8000	37.3	38.3	38.7	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.4	39.4	39.4
IV 7000	41.9	42.8	43.3	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	44.0	44.0	44.0
IV 6000	43.3	44.1	44.6	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.3	45.3	45.3
IV 5000	44.9	45.7	46.2	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.9	46.9	46.9
IV 4500	45.3	46.3	46.6	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.4	47.4	47.4
IV 4000	47.2	48.1	48.5	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1
IV 3500	48.2	49.4	49.9	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.6	50.6	50.6
IV 3000	52.3	53.2	53.7	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.4	54.4	54.4
IV 2500	54.7	55.7	56.2	56.3	56.9	56.9	56.9	56.9	56.9	57.0	57.2	57.2	57.2	57.3	57.3	57.3
IV 2000	57.6	59.1	59.5	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.6	60.6	60.7	60.7	60.7
IV 1800	57.6	59.2	59.7	59.8	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.7	60.7	60.9	60.9	60.9
IV 1500	60.3	62.3	62.8	62.9	63.6	63.6	63.6	63.6	63.6	63.6	64.2	64.4	64.4	64.8	64.8	64.8
IV 1200	61.9	64.1	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	66.4	66.7	66.7	67.2	67.2	67.2
IV 1000	66.0	68.6	69.2	69.3	70.5	70.5	70.5	70.5	70.5	70.7	71.7	72.0	72.0	72.4	72.4	72.4
IV 900	66.5	69.9	69.5	69.8	70.8	70.8	70.8	70.8	71.0	71.0	72.0	72.3	72.3	72.7	72.7	72.7
IV 800	78.2	71.6	72.3	72.6	73.0	73.8	73.8	73.8	73.9	73.9	74.9	75.2	75.2	75.7	75.7	75.7
IV 700	70.1	73.9	74.8	75.1	76.4	76.4	76.4	76.4	76.7	76.7	77.7	78.2	78.2	78.6	78.6	78.6
IV 600	71.3	75.5	76.4	76.7	78.3	78.3	78.3	78.3	78.6	78.6	79.9	80.4	80.4	80.9	80.9	80.9
IV 500	72.0	77.0	77.9	78.3	80.2	80.2	80.2	80.2	80.5	80.5	82.6	83.1	83.1	84.3	84.3	84.3
IV 400	72.0	77.9	78.9	79.3	81.4	81.4	81.4	81.4	81.8	81.8	82.4	82.4	82.4	83.1	83.1	83.1
IV 300	73.3	78.9	80.4	80.8	83.1	83.3	83.3	83.3	84.3	84.3	86.5	87.0	87.0	88.3	88.3	88.3
IV 200	74.3	79.8	81.4	82.1	84.0	84.8	84.8	84.8	85.3	85.3	86.1	86.9	86.9	88.3	88.3	88.3
IV 100	74.3	79.8	81.4	82.3	84.8	84.8	84.8	84.8	85.3	85.3	86.1	86.9	86.9	88.3	88.3	88.3
IV 0	74.3	79.8	81.4	82.3	84.8	84.8	84.8	84.8	85.3	85.3	86.1	86.9	86.9	88.3	88.3	88.3

TOTAL NUMBER OF OBSERVATIONS 602

DATA PROCESSING DIVISION
SAF ETAC
AIR-WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTION 1000 FT
STATION NAME

57-66
YEARS

0-1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1600
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	35.5	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.4	36.4	36.4	36.4	36.4	36.4
≥ 20000	36.2	36.6	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4
≥ 18000	36.2	36.6	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.4	37.4	37.4	37.4	37.4	37.4
≥ 16000	36.4	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.5	37.5	37.5	37.5	37.5	37.5
≥ 14000	37.1	37.7	37.8	37.8	37.8	37.8	37.8	38.0	38.0	38.0	38.3	38.4	38.3	38.3	38.3	38.3
≥ 12000	37.2	37.8	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.4	38.4	38.4	38.4	38.4	38.4
≥ 10000	39.1	39.7	39.9	39.9	40.0	40.0	40.0	40.2	40.2	40.2	40.5	40.5	40.5	40.5	40.5	40.5
≥ 9000	39.7	40.3	40.5	40.5	40.6	40.6	40.6	40.8	40.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1
≥ 8000	43.5	43.1	44.3	44.3	44.4	44.4	44.4	44.6	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9
≥ 7000	46.6	47.8	47.9	47.9	48.1	48.1	48.1	48.2	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5
≥ 6000	46.5	49.7	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4
≥ 5000	49.7	50.9	51.0	51.0	51.2	51.2	51.2	51.3	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4500	50.0	51.6	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5
≥ 4000	52.1	53.4	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1
≥ 3500	53.4	54.7	54.8	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4
≥ 3000	56.9	58.2	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.8	59.1	59.1	59.1	59.1	59.1	59.1
≥ 2500	59.0	61.1	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.2
≥ 2000	63.6	65.2	65.5	65.5	65.7	65.7	65.7	65.8	65.8	66.0	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1800	63.9	65.4	65.7	65.7	65.8	65.8	65.8	66.0	66.0	66.1	66.4	66.4	66.4	66.4	66.4	66.4
≥ 1500	67.6	69.4	69.6	69.6	69.8	69.8	69.8	70.1	70.1	70.3	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1200	69.1	71.1	71.4	71.4	71.7	71.7	71.7	72.0	72.0	72.4	72.7	72.7	72.9	72.9	72.9	72.9
≥ 1000	71.0	73.5	74.8	74.9	75.2	75.2	75.5	75.8	76.0	76.7	77.1	77.1	77.4	77.7	77.7	77.7
≥ 900	72.9	75.0	75.2	75.4	75.7	75.7	75.7	76.1	76.1	76.7	77.1	77.1	77.4	77.7	77.7	77.7
≥ 800	74.0	76.7	76.8	76.8	77.0	77.0	77.3	77.6	77.7	78.4	78.9	78.9	79.2	79.5	79.5	79.5
≥ 700	74.0	76.9	77.2	77.4	78.2	78.4	78.9	79.2	79.5	79.6	80.4	80.9	80.9	81.2	81.7	81.7
≥ 600	74.4	77.5	77.8	77.9	80.2	80.8	81.1	81.5	81.7	82.7	83.4	83.4	83.7	84.0	84.2	84.2
≥ 500	75.7	80.6	80.9	81.1	82.4	82.4	83.0	83.4	83.6	84.8	85.9	85.9	86.2	86.5	86.8	86.8
≥ 400	76.1	81.4	82.0	82.1	83.9	83.9	84.5	84.9	85.0	86.4	87.7	87.8	88.3	88.6	88.9	89.0
≥ 300	77.3	82.7	83.7	83.9	85.8	85.8	86.5	87.0	87.1	89.3	90.0	91.1	91.9	92.4	93.0	93.4
≥ 200	77.7	83.3	84.3	84.5	86.4	86.4	87.1	87.8	88.0	90.5	91.9	92.2	93.5	94.1	95.7	96.6
≥ 100	77.7	83.4	84.6	84.8	86.8	86.8	87.5	88.4	88.6	91.3	92.8	93.1	94.9	95.5	97.7	99.7
≥ 0	77.7	83.4	84.6	84.8	86.8	86.8	87.5	88.4	88.6	91.3	92.8	93.1	95.0	95.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

6.2

ATA PROCESSING DIVISION
SAC, LTA
AIR CENTER DE ALBUQUERQUE

CEILING VERSUS VISIBILITY

STATION 17000 RESULTS OF ONE YEAR

27-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1700-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.1	36.1	36.2	36.4	36.5	36.5	36.5	36.5	36.5	36.7	36.7	36.7	36.8	36.8	36.8	36.8
≥ 20000	37.1	37.1	37.2	37.4	37.5	37.5	37.5	37.5	37.5	37.7	37.7	37.7	37.8	37.8	37.8	37.8
IV 18000	38.1	38.1	38.3	38.4	38.5	38.5	38.5	38.7	38.7	38.9	38.9	38.9	39.0	39.0	39.0	39.0
IV 16000	38.1	38.1	38.3	38.4	38.5	38.5	38.5	38.7	38.7	38.9	38.9	38.9	39.0	39.0	39.0	39.0
IV 14000	38.9	38.9	39.0	39.1	39.3	39.3	39.4	39.4	39.4	39.6	39.6	39.6	39.7	39.7	39.7	39.7
IV 12000	39.3	39.3	39.4	39.6	39.7	39.7	39.7	39.9	39.9	40.0	40.0	40.0	40.2	40.2	40.2	40.2
IV 10000	41.3	41.3	41.5	41.6	41.6	41.6	41.9	41.9	41.9	42.1	42.1	42.1	42.2	42.2	42.2	42.2
IV 9000	42.6	42.6	42.5	42.7	42.6	42.5	42.9	43.0	43.0	43.1	43.1	43.1	43.3	43.3	43.3	43.3
IV 8000	43.9	43.9	43.8	43.9	43.8	43.8	44.0	44.0	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.2
IV 7000	44.1	44.7	44.9	45.0	45.3	45.3	45.4	45.4	45.4	45.5	45.5	45.5	45.7	45.7	45.7	45.7
IV 6000	50.1	50.7	50.9	51.0	51.5	51.5	51.6	51.6	51.6	51.8	51.8	51.8	51.9	51.9	51.9	51.9
IV 5000	51.2	51.9	52.1	52.2	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	53.1	53.1	53.1	53.1
IV 4500	51.4	52.6	52.8	52.9	53.4	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.8
IV 4000	53.0	54.5	54.7	54.8	55.3	55.3	55.4	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7
IV 3500	55.4	56.2	56.3	56.6	57.2	57.2	57.3	57.3	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6
IV 3000	56.9	57.7	57.8	58.1	58.7	58.7	58.9	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2
IV 2500	63.0	63.4	63.9	64.2	64.8	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2
IV 2000	65.5	66.9	67.0	67.3	67.7	67.7	68.0	68.0	68.0	68.3	68.3	68.3	68.5	68.5	68.5	68.5
IV 1800	67.7	67.0	67.3	67.6	68.2	68.2	68.3	68.3	68.3	68.6	68.6	68.6	68.8	68.8	68.8	68.8
IV 1500	68.6	69.2	69.3	69.3	71.4	71.4	71.5	71.5	71.5	71.8	71.8	71.8	72.0	72.0	72.0	72.0
IV 1200	70.2	71.8	72.1	72.4	73.0	73.0	73.2	73.3	73.3	73.6	73.6	73.6	73.9	73.9	73.9	73.9
IV 1000	73.9	74.4	74.6	74.7	77.9	77.9	78.0	78.2	78.3	78.6	78.6	78.6	79.0	79.2	79.3	79.3
IV 900	74.9	77.4	77.9	78.2	79.3	79.3	79.5	79.6	79.8	80.2	80.2	80.2	80.6	80.8	80.9	81.1
IV 800	76.6	78.9	79.3	79.6	80.8	80.9	81.1	81.2	81.2	81.8	81.8	81.8	82.3	82.4	82.7	82.8
IV 700	77.4	79.9	80.4	80.6	82.0	82.1	82.3	82.4	82.4	83.0	83.0	83.0	83.4	83.6	83.9	84.0
IV 600	77.9	80.4	80.6	81.1	82.4	82.6	82.7	82.8	82.8	83.4	83.4	83.4	83.9	84.0	84.3	84.6
IV 500	78.6	81.3	82.1	82.7	84.2	84.3	84.5	84.5	85.2	85.9	86.1	86.1	86.5	86.7	87.1	87.4
IV 400	79.5	82.7	83.3	83.9	85.6	85.9	86.3	86.8	86.8	87.5	87.7	87.7	88.3	88.4	88.9	89.1
IV 300	79.9	83.8	84.3	84.9	87.1	87.4	88.3	88.8	88.8	90.2	90.5	90.5	91.5	91.6	92.2	92.8
IV 200	80.5	84.2	85.0	85.9	88.1	88.4	89.0	89.9	89.9	91.6	92.1	92.1	93.3	93.4	94.4	95.5
IV 100	80.5	84.5	85.3	86.2	89.0	89.3	90.5	90.9	90.9	92.8	93.3	93.3	94.7	94.9	96.3	99.1
IV 0	80.5	84.5	85.3	86.2	89.0	89.3	90.6	91.1	91.1	93.0	93.4	93.4	94.9	95.0	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

CEILING VERSUS VISIBILITY

17901	1500 TE 11 001 WPT
CLASS	STATION NAME

57-40

1.1

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1990-2000
HOURS (EST)

FEET		VISIBILITY STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO. OF ANG.		14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
N 20000		10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0
IV 18000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 16000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 14000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 12000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 10000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 9000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 8000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 7000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 6000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 5000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 4000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 3500		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 3000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 2500		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 2000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 1800		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 1500		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 1200		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 1000		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 900		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 800		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 700		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 600		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 500		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 400		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 300		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 200		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
IV 100		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6
0		18.5	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6	31.6	32.6	33.6

TOTAL NUMBER OF OBSERVATIONS 512

AIA PROCESSING DIVISION
 USE ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
 STATION

STATION NAME

27-68

YEARS

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.1	33.3	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	34.3	34.5	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
WV 18000	30.1	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
WV 16000	30.1	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
WV 14000	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
WV 12000	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
WV 10000	39.4	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
WV 9000	40.6	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
WV 8000	43.0	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
WV 7000	48.4	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
WV 6000	49.6	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
WV 5000	51.3	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
WV 4500	52.6	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
WV 4000	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
WV 3500	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
WV 3000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
WV 2500	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
WV 2000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
WV 1800	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
WV 1500	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
WV 1200	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
WV 1000	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
WV 900	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
WV 800	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
WV 700	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	74.9
WV 600	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
WV 500	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
WV 400	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
WV 300	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
WV 200	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
WV 100	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
WV 0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5

TOTAL NUMBER OF OBSERVATIONS

602

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/DAC

CEILING VERSUS VISIBILITY

17901
STATION

RESQUETE APT 001 API
STATION NAME

37-60
YEARS

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.0	22.6	22.7	22.7	23.0	23.0	23.3	23.5	23.5	23.8	24.0	24.0	24.2	24.7	25.1	25.1
≥ 20000	21.0	22.6	22.7	22.7	23.0	23.0	23.3	23.5	23.5	23.8	24.0	24.0	24.2	24.7	25.1	25.1
IV 18000	22.7	24.0	24.2	24.2	24.5	24.5	24.7	25.1	25.1	25.4	25.7	25.7	26.5	26.7	26.7	26.7
IV 16000	22.9	24.2	24.3	24.3	24.6	24.6	25.1	25.2	25.2	25.5	25.8	25.8	26.7	26.7	26.8	26.8
IV 14000	22.9	24.2	24.3	24.3	24.6	24.6	25.1	25.2	25.2	25.5	25.8	25.8	26.7	26.7	26.8	26.8
IV 12000	23.0	24.3	24.5	24.5	24.6	24.8	25.2	25.4	25.4	25.7	26.0	26.0	26.8	26.8	27.0	27.0
IV 10000	23.0	24.4	25.1	25.1	25.4	25.4	25.8	26.0	26.0	26.2	26.5	26.5	27.4	27.4	27.6	27.6
IV 9000	23.6	25.7	26.6	27.0	27.3	27.3	27.7	27.9	27.9	28.2	28.4	28.4	29.5	29.5	29.6	29.6
IV 8000	26.7	28.0	28.2	29.3	28.6	28.6	29.0	29.2	29.2	29.5	29.8	29.8	30.8	30.8	30.9	30.9
IV 7000	29.9	31.7	31.8	32.1	32.4	32.4	32.8	33.1	33.1	33.4	33.7	33.7	34.8	34.8	34.9	34.9
IV 6000	30.0	32.4	32.6	32.8	33.1	33.1	33.5	33.9	33.9	34.2	34.5	34.5	35.5	35.5	35.6	35.6
IV 5000	31.3	33.3	33.4	33.7	34.0	34.0	34.3	34.8	34.8	35.0	35.3	35.3	36.4	36.4	36.5	36.5
IV 4500	31.3	33.3	33.4	33.7	34.0	34.0	34.3	34.8	34.8	35.0	35.3	35.3	36.4	36.4	36.5	36.5
IV 4000	33.3	35.0	35.3	35.6	35.9	35.9	36.4	36.7	36.7	37.0	37.2	37.2	38.3	38.3	38.4	38.4
IV 3500	34.0	35.9	36.2	36.5	36.8	36.8	37.2	37.5	37.5	37.8	38.1	38.1	39.1	39.1	39.3	39.3
IV 3000	36.9	41.2	41.5	41.8	42.2	42.2	42.8	43.1	43.1	43.5	43.8	43.8	44.9	44.9	45.0	45.2
IV 2500	40.5	43.0	43.3	43.5	44.6	44.6	45.2	45.5	45.5	45.9	46.2	46.2	47.2	47.2	47.4	47.5
IV 2000	44.0	47.9	48.2	48.5	49.6	49.6	50.1	50.4	50.4	50.9	51.2	51.2	52.2	52.2	52.3	52.4
IV 1800	46.9	48.4	48.7	49.0	50.0	50.0	50.6	50.9	50.9	51.3	51.6	51.6	52.6	52.6	52.7	52.7
IV 1500	51.9	57.0	57.9	58.8	60.3	60.3	61.0	61.3	61.3	61.7	62.0	62.0	63.0	63.0	63.2	63.8
IV 1200	53.2	59.7	60.6	61.4	62.9	62.9	63.6	63.9	63.9	64.4	64.7	64.7	65.7	65.7	65.8	66.6
IV 1000	57.0	64.2	65.1	66.1	67.6	67.6	68.3	68.6	68.6	69.2	69.6	69.6	70.7	70.7	70.8	71.8
IV 900	57.0	64.2	65.1	66.1	67.6	67.6	68.3	68.6	68.6	69.2	69.6	69.6	70.7	70.7	70.8	71.8
IV 800	58.9	67.3	68.3	69.8	71.3	71.3	72.3	72.7	72.7	73.3	73.9	73.9	75.1	75.1	75.2	76.7
IV 700	58.9	67.3	68.3	69.8	71.3	71.3	72.3	72.7	72.7	73.3	73.9	73.9	75.1	75.1	75.2	76.7
IV 600	59.7	68.3	69.3	71.4	73.0	73.0	74.0	74.5	74.5	75.1	75.7	75.7	76.8	76.8	77.0	78.5
IV 500	60.7	69.3	70.7	73.0	74.9	74.9	76.1	76.7	76.8	77.4	78.3	78.3	79.6	79.6	80.1	81.4
IV 400	61.7	70.7	71.8	74.2	76.2	76.2	77.6	78.3	78.4	79.2	80.2	80.2	82.0	82.0	82.0	84.3
IV 300	62.2	71.8	73.2	75.5	78.2	78.2	79.9	80.8	80.9	82.4	83.6	83.6	85.5	85.5	86.8	89.3
IV 200	62.8	72.6	74.6	77.3	80.1	80.1	82.0	83.1	83.4	85.2	86.4	86.4	88.6	88.7	90.3	93.7
IV 100	63.3	73.2	75.2	78.0	80.8	80.8	82.7	83.9	84.2	86.4	87.5	87.5	89.9	90.0	92.8	97.9
IV 0	63.3	73.2	75.2	78.0	80.8	80.8	82.7	83.9	84.2	86.4	87.5	87.5	89.9	90.0	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 662

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

17901
STATION

TELETYPE UNIT DUTY API
STATION NAME

57-60
YEARS

1948
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-0500
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	20.2	20.8	20.8	20.8	21.1	21.1	21.3	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	22.1
IV 18000	22.0	22.6	22.6	22.7	23.0	23.0	23.2	23.2	23.2	23.5	23.5	23.5	23.5	23.9	23.9	24.5
IV 16000	22.3	22.9	22.9	23.0	23.3	23.3	23.5	23.5	23.5	23.8	23.8	23.8	23.8	24.2	24.2	24.8
IV 14000	22.4	23.0	23.0	23.2	23.5	23.5	23.6	23.6	23.6	23.9	23.9	23.9	23.9	24.3	24.3	24.9
IV 12000	23.2	23.8	23.8	23.9	24.2	24.2	24.3	24.3	24.3	24.6	24.6	24.6	24.6	25.1	25.1	25.7
IV 10000	24.5	25.2	25.2	25.5	25.8	25.8	26.0	26.0	26.0	26.2	26.2	26.2	26.2	26.8	26.8	27.4
IV 9000	26.0	26.8	26.8	27.1	27.4	27.4	27.6	27.6	27.6	27.9	27.9	27.9	27.9	28.4	28.4	29.2
IV 8000	28.0	28.9	28.9	29.2	29.5	29.5	29.6	29.6	29.6	29.8	29.8	29.8	29.8	30.1	30.1	31.4
IV 7000	31.1	32.1	32.1	32.6	33.1	33.1	33.3	33.3	33.3	33.6	33.6	33.6	33.6	34.2	34.2	34.9
IV 6000	32.0	33.0	33.1	33.6	34.2	34.2	34.3	34.3	34.3	34.6	34.6	34.6	34.6	35.2	35.2	35.9
IV 5000	33.3	34.5	34.6	35.0	35.6	35.6	35.9	35.9	35.9	36.2	36.2	36.2	36.2	36.8	36.8	37.5
IV 4500	34.0	35.2	35.3	35.8	36.5	36.5	36.7	36.7	36.7	37.0	37.0	37.0	37.0	37.5	37.5	38.3
IV 4000	35.9	37.1	37.2	37.7	38.4	38.4	38.6	38.6	38.6	38.9	38.9	38.9	38.9	39.4	39.4	40.3
IV 3500	40.4	41.5	41.7	42.1	42.8	42.8	43.1	43.1	43.1	43.4	43.4	43.4	43.4	44.0	44.0	44.9
IV 3000	42.7	44.7	45.2	46.0	46.9	46.9	47.1	47.1	47.2	47.5	47.5	47.5	47.5	48.2	48.2	49.3
IV 2500	45.3	47.8	48.4	49.3	50.6	50.6	50.9	50.9	51.0	51.5	51.5	51.5	51.5	52.2	52.2	53.2
IV 2000	45.5	48.2	48.8	49.7	51.0	51.0	51.3	51.3	51.5	51.9	51.9	51.9	51.9	52.6	52.6	53.7
IV 1800	52.3	53.9	54.2	54.8	55.7	55.7	56.0	56.0	56.1	56.7	56.7	56.7	56.7	57.4	57.4	58.9
IV 1500	54.0	57.9	58.4	59.4	60.4	60.4	60.7	60.7	60.7	61.1	61.1	61.1	61.1	61.8	61.8	63.0
IV 1200	56.4	60.8	61.4	62.4	63.4	63.4	63.7	63.7	63.7	64.1	64.1	64.1	64.1	64.8	64.8	66.0
IV 1000	58.5	63.9	64.5	65.5	66.5	66.5	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.9	67.9	69.1
IV 900	59.0	64.0	64.6	65.6	66.6	66.6	66.9	66.9	66.9	67.3	67.3	67.3	67.3	68.0	68.0	69.2
IV 800	60.4	67.2	67.8	68.8	69.8	69.8	70.1	70.1	70.1	70.5	70.5	70.5	70.5	71.2	71.2	72.3
IV 700	61.3	68.2	68.8	69.8	70.8	70.8	71.1	71.1	71.1	71.5	71.5	71.5	71.5	72.2	72.2	73.3
IV 600	62.0	69.2	69.8	70.8	71.8	71.8	72.1	72.1	72.1	72.5	72.5	72.5	72.5	73.2	73.2	74.3
IV 500	63.5	70.7	71.3	72.3	73.3	73.3	73.6	73.6	73.6	74.0	74.0	74.0	74.0	74.7	74.7	75.8
IV 400	64.2	71.8	72.4	73.4	74.4	74.4	74.7	74.7	74.7	75.1	75.1	75.1	75.1	75.8	75.8	76.9
IV 300	65.0	72.7	73.3	74.3	75.3	75.3	75.6	75.6	75.6	76.0	76.0	76.0	76.0	76.7	76.7	77.8
IV 200	65.4	73.3	73.9	74.9	75.9	75.9	76.2	76.2	76.2	76.6	76.6	76.6	76.6	77.3	77.3	78.4
IV 100	65.4	73.3	73.9	74.9	75.9	75.9	76.2	76.2	76.2	76.6	76.6	76.6	76.6	77.3	77.3	78.4
IV 0	65.4	73.3	73.9	74.9	75.9	75.9	76.2	76.2	76.2	76.6	76.6	76.6	76.6	77.3	77.3	78.4

TOTAL NUMBER OF OBSERVATIONS

602

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT APT
STATION NAME

57-66
YEARS

NOV
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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	10.9	17.4	17.6	17.6	17.6	17.6	17.6	17.7	17.7	18.0	18.0	18.0	18.0	18.2	18.3	18.4
≥ 20000	10.3	19.1	19.2	19.2	19.3	19.3	19.3	19.9	19.9	20.2	20.2	20.2	20.4	20.5	20.7	21.1
IV 18000	19.2	19.9	20.1	20.1	20.4	20.4	20.3	20.4	20.6	21.3	21.3	21.3	21.4	21.6	21.7	22.1
IV 16000	19.2	19.9	20.1	20.1	20.4	20.4	20.3	20.4	20.6	21.3	21.3	21.3	21.4	21.6	21.7	22.1
IV 14000	19.4	20.1	20.2	20.2	20.5	20.5	20.7	21.0	21.0	21.4	21.4	21.4	21.6	21.7	21.8	22.3
IV 12000	20.2	21.0	21.1	21.1	21.6	21.6	21.7	22.0	22.0	22.4	22.4	22.4	22.6	22.7	22.9	23.3
IV 10000	21.7	22.4	22.7	22.7	23.2	23.2	23.3	23.6	23.6	24.2	24.2	24.2	24.3	24.5	24.6	25.1
IV 9000	22.9	23.6	23.9	23.9	24.3	24.3	24.3	24.6	24.6	25.4	25.4	25.4	25.5	25.7	25.8	26.2
IV 8000	23.6	24.5	24.8	24.8	25.3	25.3	25.4	25.7	25.7	26.3	26.3	26.3	26.4	26.6	26.7	27.2
IV 7000	24.4	25.1	25.4	25.4	26.0	26.0	26.1	26.4	26.4	27.1	27.1	27.1	27.2	27.4	27.5	28.0
IV 6000	25.1	25.8	26.1	26.1	26.7	26.7	26.8	27.1	27.1	27.8	27.8	27.8	27.9	28.1	28.2	28.7
IV 5000	25.6	26.3	26.6	26.6	27.2	27.2	27.3	27.6	27.6	28.3	28.3	28.3	28.4	28.6	28.7	29.2
IV 4500	26.0	26.7	27.0	27.0	27.6	27.6	27.7	28.0	28.0	28.7	28.7	28.7	28.8	29.0	29.1	29.6
IV 4000	26.4	27.1	27.4	27.4	28.0	28.0	28.1	28.4	28.4	29.1	29.1	29.1	29.2	29.4	29.5	30.0
IV 3500	26.8	27.5	27.8	27.8	28.4	28.4	28.5	28.8	28.8	29.5	29.5	29.5	29.6	29.8	29.9	30.4
IV 3000	27.2	27.9	28.2	28.2	28.8	28.8	28.9	29.2	29.2	29.9	29.9	29.9	30.0	30.2	30.3	30.8
IV 2500	27.6	28.3	28.6	28.6	29.2	29.2	29.3	29.6	29.6	30.3	30.3	30.3	30.4	30.6	30.7	31.2
IV 2000	28.0	28.7	29.0	29.0	29.6	29.6	29.7	30.0	30.0	30.7	30.7	30.7	30.8	31.0	31.1	31.6
IV 1800	28.4	29.1	29.4	29.4	30.0	30.0	30.1	30.4	30.4	31.1	31.1	31.1	31.2	31.4	31.5	32.0
IV 1600	28.8	29.5	29.8	29.8	30.4	30.4	30.5	30.8	30.8	31.5	31.5	31.5	31.6	31.8	31.9	32.4
IV 1400	29.2	29.9	30.2	30.2	30.8	30.8	30.9	31.2	31.2	31.9	31.9	31.9	32.0	32.2	32.3	32.8
IV 1200	29.6	30.3	30.6	30.6	31.2	31.2	31.3	31.6	31.6	32.3	32.3	32.3	32.4	32.6	32.7	33.2
IV 1000	30.0	30.7	31.0	31.0	31.6	31.6	31.7	32.0	32.0	32.7	32.7	32.7	32.8	33.0	33.1	33.6
IV 900	30.4	31.1	31.4	31.4	32.0	32.0	32.1	32.4	32.4	33.1	33.1	33.1	33.2	33.4	33.5	34.0
IV 800	30.8	31.5	31.8	31.8	32.4	32.4	32.5	32.8	32.8	33.5	33.5	33.5	33.6	33.8	33.9	34.4
IV 700	31.2	31.9	32.2	32.2	32.8	32.8	32.9	33.2	33.2	33.9	33.9	33.9	34.0	34.2	34.3	34.8
IV 600	31.6	32.3	32.6	32.6	33.2	33.2	33.3	33.6	33.6	34.3	34.3	34.3	34.4	34.6	34.7	35.2
IV 500	32.0	32.7	33.0	33.0	33.6	33.6	33.7	34.0	34.0	34.7	34.7	34.7	34.8	35.0	35.1	35.6
IV 400	32.4	33.1	33.4	33.4	34.0	34.0	34.1	34.4	34.4	35.1	35.1	35.1	35.2	35.4	35.5	36.0
IV 300	32.8	33.5	33.8	33.8	34.4	34.4	34.5	34.8	34.8	35.5	35.5	35.5	35.6	35.8	35.9	36.4
IV 200	33.2	33.9	34.2	34.2	34.8	34.8	34.9	35.2	35.2	35.9	35.9	35.9	36.0	36.2	36.3	36.8
IV 100	33.6	34.3	34.6	34.6	35.2	35.2	35.3	35.6	35.6	36.3	36.3	36.3	36.4	36.6	36.7	37.2
IV 0	34.0	34.7	35.0	35.0	35.6	35.6	35.7	36.0	36.0	36.7	36.7	36.7	36.8	37.0	37.1	37.6

TOTAL NUMBER OF OBSERVATIONS 682

DATA PROCESSING DIVISION
USAF ETAC
CINCEASTERN SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT DISTANT
STATION NAME

37-66
YEARS

10
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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
IV 20000	19.9	20.2	20.2	20.2	20.2	20.2	20.7	20.7	20.7	20.8	20.8	20.8	20.8	21.0	21.0	21.3
IV 18000	21.1	21.6	21.6	21.6	21.6	21.6	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.3	22.3	22.6
IV 16000	21.3	21.7	21.7	21.7	21.7	21.7	22.1	22.1	22.1	22.3	22.3	22.3	22.3	22.4	22.4	22.7
IV 14000	21.7	22.1	22.1	22.1	22.1	22.1	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.9	22.9	23.2
IV 12000	22.3	22.7	22.7	22.7	22.7	22.7	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.5	23.5	23.7
IV 10000	23.9	24.6	24.6	24.6	24.6	24.6	25.1	25.2	25.2	25.4	25.4	25.4	25.4	25.5	25.5	25.8
IV 9000	24.0	25.1	25.1	25.1	25.1	25.1	25.5	25.7	25.7	25.8	25.8	25.8	25.8	26.0	26.0	26.2
IV 8000	27.6	28.6	28.9	28.9	28.9	28.9	29.3	29.3	29.3	29.6	29.6	29.6	29.6	29.8	29.8	30.1
IV 7000	30.0	32.7	33.1	33.1	33.1	33.1	33.9	33.7	33.7	33.9	33.9	33.9	33.9	34.0	34.0	34.3
IV 6000	31.2	33.3	33.7	33.7	33.7	33.7	34.2	34.3	34.3	34.5	34.5	34.5	34.5	34.6	34.6	34.9
IV 5000	34.0	36.6	37.2	37.5	37.5	37.5	38.0	38.1	38.1	38.3	38.3	38.3	38.3	38.4	38.4	38.7
IV 4500	35.0	37.8	38.3	38.6	38.6	38.6	39.0	39.1	39.1	39.3	39.3	39.3	39.3	39.4	39.4	39.7
IV 4000	37.2	39.3	39.7	40.0	40.0	40.0	40.5	40.5	40.5	40.8	40.8	40.8	40.8	40.9	40.9	41.2
IV 3500	38.3	40.3	40.8	41.1	41.1	41.1	41.6	41.9	41.9	42.1	42.1	42.1	42.1	42.2	42.2	42.5
IV 3000	40.2	42.4	42.8	43.3	43.3	43.3	44.0	44.1	44.1	44.3	44.3	44.3	44.3	44.4	44.4	44.7
IV 2500	43.4	45.9	46.3	46.8	46.8	46.8	47.5	47.7	47.7	47.8	47.8	47.8	47.8	47.9	47.9	48.2
IV 2000	44.9	47.8	48.3	49.0	49.1	49.1	49.9	50.3	50.3	50.4	50.4	50.4	50.4	50.6	50.6	51.0
IV 1800	45.3	48.4	49.1	49.6	49.7	49.7	50.4	50.9	50.9	51.0	51.0	51.0	51.0	51.2	51.2	51.6
IV 1500	49.4	51.2	51.0	51.4	51.4	51.4	52.0	52.0	52.0	52.3	52.3	52.3	52.3	52.5	52.5	52.7
IV 1200	52.2	56.2	56.9	57.3	58.5	58.5	59.4	59.8	59.8	60.1	60.1	60.1	60.1	60.3	60.3	60.7
IV 1000	58.4	63.0	64.1	64.8	66.1	66.1	67.3	67.7	67.7	68.3	68.3	68.3	68.3	68.6	68.6	69.1
IV 900	58.9	63.9	65.1	65.8	67.2	67.2	68.3	68.8	68.8	69.3	69.3	69.3	69.3	69.8	69.8	70.2
IV 800	61.3	67.3	68.8	69.3	71.1	71.1	72.2	72.7	72.7	73.6	73.6	73.6	73.6	73.9	73.9	74.3
IV 700	63.2	69.5	71.0	71.7	73.6	73.6	74.8	75.2	75.2	76.1	76.1	76.1	76.1	76.8	76.8	77.4
IV 600	64.5	71.6	73.0	73.9	76.0	76.0	77.4	77.9	77.9	78.7	78.7	78.7	78.7	79.8	79.8	80.6
IV 500	66.3	73.6	75.2	76.2	78.3	78.3	80.4	80.9	80.9	82.0	82.0	82.0	82.0	83.3	83.3	84.3
IV 400	67.7	75.5	77.6	78.7	81.1	81.1	83.4	84.0	84.0	85.6	85.6	85.6	85.6	87.5	87.5	88.9
IV 300	68.3	76.4	78.6	79.8	82.6	82.6	85.0	85.6	85.6	87.5	87.5	87.5	87.5	90.2	90.2	92.4
IV 200	69.2	77.6	80.1	81.2	84.5	84.5	87.4	88.3	88.3	90.3	90.3	90.3	90.3	94.6	94.6	98.1
IV 100	69.4	77.7	80.2	81.4	84.6	84.6	87.7	88.6	88.6	90.6	90.6	90.6	90.6	95.3	95.3	99.3
IV 0	69.4	77.7	80.2	81.4	84.6	84.6	87.7	88.6	88.6	90.6	90.6	90.6	90.6	95.3	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS

607

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/DWG

CEILING VERSUS VISIBILITY

17901
STATION

RESIDUAL TIME OF OBSERVATION
STATION NAME

27-66

YEARS

200
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.3	22.3	22.3	22.4
IV 18000	24.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.5	25.5	25.5	25.7
IV 16000	24.0	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.5	25.7	25.7	25.7	25.8
IV 14000	25.1	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.8	25.8	26.0	26.0	26.0	26.1
IV 12000	26.1	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	27.0	27.0	27.1	27.1	27.1	27.3
IV 10000	27.7	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	29.0	29.0	29.2	29.2	29.2	29.5
IV 9000	27.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.6	29.6	29.9	29.9	29.9	30.4
IV 8000	29.9	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	32.3	32.3	32.4	32.4	32.4	32.8
IV 7000	32.8	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	34.4	34.4	34.5	34.5	34.5	34.9
IV 6000	34.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	37.8	37.8	38.0	38.1	38.1	38.4
IV 5000	36.4	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	40.2	40.2	40.3	40.3	40.3	40.8
IV 4500	38.0	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	41.6	41.6	41.8	41.8	41.8	42.4
IV 4000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	42.2	42.2	42.4	42.4	42.4	43.0
IV 3500	41.1	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	43.1	43.1	43.3	43.3	43.3	43.8
IV 3000	41.1	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	45.7	45.7	45.9	45.9	45.9	46.3
IV 2500	42.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	47.8	47.8	47.8	47.8	47.8	48.3
IV 2000	45.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	51.6	51.6	51.8	51.8	51.8	52.2
IV 1800	46.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	51.6	51.6	51.8	51.8	51.8	52.3
IV 1500	51.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	59.1	59.1	59.2	59.2	59.2	60.0
IV 1200	54.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	62.0	62.0	62.3	62.3	62.3	63.2
IV 1000	58.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	69.1	69.1	69.3	69.3	69.3	70.4
IV 900	59.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	70.8	70.8	71.3	71.3	71.3	72.1
IV 800	61.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	73.5	73.5	74.0	74.0	74.0	74.9
IV 700	63.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	76.0	76.0	76.7	76.7	76.7	77.4
IV 600	65.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	78.9	78.9	79.6	79.6	79.6	81.1
IV 500	66.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	81.5	81.5	82.3	82.3	82.3	84.0
IV 400	66.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	83.3	83.3	84.2	84.2	84.2	86.4
IV 300	68.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	86.3	86.3	87.8	87.8	87.8	91.2
IV 200	69.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	88.3	88.3	89.7	89.7	89.7	93.2
IV 100	69.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	90.5	90.5	91.9	91.9	91.9	95.7
IV 0	69.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	90.5	90.5	91.9	91.9	91.9	100.0

TOTAL NUMBER OF OBSERVATIONS

682

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE PT DIST APT
STATION NAME

57-66
YEARS

1976
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1:00-1700
HOURS (LST)

CEILING FEET	VISIBILITY: STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.4	22.0	22.0	22.0	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4
≥ 20000	22.0	22.7	22.7	22.7	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.2	23.2	23.2	23.2
IV 18000	23.3	23.8	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.2
IV 16000	23.3	23.8	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.2
IV 14000	24.4	24.5	24.5	24.5	24.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9
IV 12000	24.5	24.8	24.8	24.8	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.2
IV 10000	27.4	27.7	27.7	27.7	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.2	28.2	28.2	28.2
IV 9000	28.3	28.6	28.6	28.6	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0
IV 8000	30.2	30.6	30.6	30.6	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.2
IV 7000	33.1	34.0	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.6	34.6	34.6	34.6
IV 6000	34.6	35.6	35.6	35.6	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.2
IV 5000	36.3	37.7	37.7	37.8	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4
IV 4500	37.2	38.4	38.4	38.6	38.7	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1
IV 4000	38.7	40.0	40.0	40.2	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	40.8	40.8
IV 3500	39.1	40.6	40.6	40.9	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.5
IV 3000	40.9	42.7	42.7	43.3	43.5	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
IV 2500	44.1	46.0	46.0	46.8	47.1	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.7	47.7	47.7	47.7
IV 2000	48.7	51.0	51.0	51.9	52.3	52.3	52.6	52.8	52.8	52.8	52.8	52.8	53.1	53.1	53.1	53.1
IV 1800	50.0	52.3	52.3	53.2	53.8	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
IV 1500	54.3	57.8	57.8	58.7	59.2	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
IV 1200	57.6	61.6	62.0	62.3	63.0	63.3	63.8	63.8	63.8	63.8	63.8	63.8	64.1	64.2	64.2	64.2
IV 1000	61.9	66.7	67.9	68.3	68.9	69.4	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.4	70.4	70.4
IV 900	63.0	67.9	69.2	69.5	70.4	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.7	71.8	71.8	71.8
IV 800	66.7	72.0	73.8	74.3	75.1	75.7	76.4	76.5	76.5	76.5	76.5	76.5	77.0	77.3	77.4	77.4
IV 700	68.3	73.9	75.8	76.4	77.1	77.7	78.0	78.7	78.7	78.7	78.7	78.7	79.0	79.2	79.3	79.3
IV 600	69.1	74.9	77.3	78.0	79.0	79.6	80.8	81.1	81.1	81.1	81.1	81.1	81.4	81.5	81.5	81.5
IV 500	69.8	76.4	78.7	79.3	80.8	81.4	82.8	83.3	83.3	83.3	83.3	83.3	84.0	84.2	84.3	84.3
IV 400	70.6	78.4	80.9	81.8	83.3	83.9	86.2	86.8	86.8	86.8	86.8	86.8	88.0	88.1	88.4	88.4
IV 300	71.6	79.3	82.0	82.8	84.8	85.3	88.4	89.1	89.3	89.3	89.3	89.3	90.9	91.3	91.6	91.6
IV 200	71.8	79.9	82.8	83.9	86.7	87.2	90.0	91.6	91.8	91.8	91.8	91.8	93.3	93.3	93.6	93.6
IV 100	72.0	80.1	83.0	84.0	86.8	87.4	91.1	92.2	92.4	92.4	92.4	92.4	93.0	93.3	93.6	93.6
IV 0	72.0	80.1	83.0	84.0	86.8	87.4	91.1	92.2	92.4	92.4	92.4	92.4	93.0	93.3	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS 542

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESOLUTE WPT OFF APT
STATION NAME

37-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2000
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	23.0	23.0	23.8	23.7	23.0	23.8	23.0	23.8	23.8	23.8	24.1	24.1	24.2	24.2	24.4	24.5	
≥ 20000	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	
IV 18000	24.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.4	25.4	25.6	25.6	25.7	25.8	
IV 16000	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.6	25.6	25.6	25.7	25.7	25.8	
IV 14000	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	26.0	26.0	26.1	26.1	26.3	26.4	
IV 12000	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.6	26.6	26.7	26.7	26.9	27.0	
IV 10000	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.9	28.9	28.9	29.2	29.2	29.3	29.3	29.7	29.8	
IV 9000	29.1	29.4	29.4	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.8	29.8	30.1	30.1	30.2	30.4	
IV 8000	30.0	31.1	31.1	31.1	31.1	31.1	31.3	31.3	31.3	31.3	31.6	31.6	32.0	32.0	32.2	32.3	
IV 7000	33.5	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.5	34.5	34.9	34.9	35.1	35.2	
IV 6000	35.1	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	36.1	36.1	36.6	36.6	36.7	36.9	
IV 5000	37.2	37.7	37.7	37.7	37.7	37.7	37.9	37.9	37.9	37.9	38.2	38.2	38.6	38.6	38.8	38.9	
IV 4500	37.4	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.2	38.2	38.5	38.5	38.9	38.9	39.1	39.2	
IV 4000	39.3	40.2	40.2	40.2	40.2	40.2	40.4	40.4	40.4	40.4	40.7	40.7	41.1	41.1	41.3	41.4	
IV 3500	40.8	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.3	42.3	42.7	42.7	42.9	43.0	
IV 3000	44.0	45.8	45.8	45.8	45.8	45.8	46.0	46.0	46.0	46.0	46.3	46.3	46.7	46.7	46.8	47.0	
IV 2500	47.7	49.0	49.0	49.0	49.2	49.2	49.3	49.3	49.3	49.3	49.6	49.6	50.1	50.1	50.2	50.4	
IV 2000	53.2	55.4	55.8	55.8	55.9	55.9	56.2	56.2	56.2	56.2	56.5	56.5	57.0	57.0	57.1	57.3	
IV 1800	53.5	55.7	56.1	56.1	56.2	56.2	56.5	56.5	56.5	56.5	56.8	56.8	57.3	57.3	57.4	57.6	
IV 1500	55.9	58.1	58.5	58.5	58.6	58.6	58.9	58.9	58.9	58.9	59.2	59.2	59.7	59.7	59.8	60.0	
IV 1200	61.2	64.5	65.2	65.3	65.3	65.3	65.7	65.7	65.7	65.7	66.1	66.1	66.7	66.7	66.8	67.0	
IV 1000	67.3	71.2	72.4	72.7	74.0	74.0	74.4	74.4	74.4	74.4	74.9	74.9	75.8	75.8	75.9	76.1	
IV 900	67.5	71.5	72.7	73.0	74.3	74.3	74.9	74.9	74.9	74.9	75.3	75.3	76.2	76.2	76.4	76.5	
IV 800	70.2	74.7	76.1	76.4	77.7	77.7	78.3	78.3	78.3	78.3	78.7	78.7	79.7	79.7	79.9	80.2	
IV 700	71.4	75.2	77.7	78.0	79.3	79.3	80.0	80.0	80.0	80.0	80.5	80.5	81.5	81.5	81.6	81.9	
IV 600	72.0	77.4	78.9	79.1	80.8	80.8	81.8	81.8	81.8	81.8	82.2	82.2	83.3	83.3	83.4	83.7	
IV 500	72.7	78.7	80.3	80.8	83.1	83.1	84.3	84.3	84.3	84.3	85.2	85.2	86.2	86.2	86.3	86.8	
IV 400	73.7	79.9	81.5	81.9	84.4	84.4	85.9	85.9	85.9	85.9	86.2	86.2	87.2	87.2	87.3	87.4	
IV 300	74.4	80.9	83.0	83.6	86.2	86.3	88.3	88.3	88.3	88.3	89.0	89.0	90.0	90.0	90.1	90.2	
IV 200	74.7	81.6	83.7	84.6	87.2	87.3	89.1	89.1	89.1	89.1	90.2	90.2	91.0	91.0	91.1	91.2	
IV 100	74.9	81.9	84.0	84.9	87.5	87.8	90.0	90.0	90.0	90.0	91.6	91.6	93.1	93.1	93.1	93.1	
IV 0	74.9	81.9	84.0	84.9	87.5	87.8	90.0	90.0	90.0	90.0	91.6	91.6	93.1	93.1	93.1	93.1	

TOTAL NUMBER OF OBSERVATIONS

501

DATA PROCESSING DIVISION
SAP ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17901
STATION

RESPECTIVE UNIT OF MEASURE
STATION NAME

57-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0
NO CEILING	26.0	26.1	26.2	26.4	26.4	26.4	26.4	26.5	26.5	26.7	26.8	26.8	27.0	27.0	27.0	27.9
≥ 20000	26.0	26.2	26.4	26.5	26.5	26.5	26.5	26.7	26.7	26.8	27.0	27.0	27.0	27.0	27.0	28.0
≥ 18000	26.2	26.7	26.5	27.0	27.0	27.0	27.0	27.1	27.1	27.3	27.4	27.4	27.4	27.4	27.4	28.4
≥ 16000	26.4	26.8	27.0	27.1	27.1	27.1	27.1	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	28.6
≥ 14000	26.7	27.1	27.3	27.4	27.4	27.4	27.4	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	28.9
≥ 12000	27.3	27.7	27.9	28.0	28.0	28.0	28.0	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	29.5
≥ 10000	27.5	27.8	27.9	30.1	30.1	30.1	30.1	30.2	30.2	30.4	30.4	30.4	30.4	30.4	30.4	31.5
≥ 9000	30.5	30.9	31.1	31.2	31.2	31.2	31.2	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	32.7
≥ 8000	32.1	32.6	32.7	32.8	33.0	33.0	33.0	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3	34.6
≥ 7000	34.5	35.3	35.5	35.6	35.8	35.8	35.8	35.9	35.9	36.1	36.2	36.2	36.2	36.2	36.2	37.5
≥ 6000	35.0	35.7	36.0	37.0	37.1	37.1	37.1	37.2	37.2	37.4	37.5	37.5	37.5	37.5	37.5	38.9
≥ 5000	37.0	37.8	38.0	38.1	38.3	38.3	38.3	38.5	38.5	38.6	38.9	39.0	39.0	39.0	39.0	40.5
≥ 4500	37.1	38.0	38.1	38.3	38.4	38.4	38.4	38.7	38.7	39.0	39.1	39.1	39.1	39.1	39.1	40.6
≥ 4000	38.1	39.1	39.3	39.4	39.6	39.6	39.6	39.9	39.9	40.2	40.3	40.3	40.3	40.3	40.3	41.8
≥ 3500	38.7	39.9	40.0	40.2	40.3	40.3	40.3	40.5	40.5	40.8	40.8	41.2	41.3	41.3	41.3	42.8
≥ 3000	41.0	43.1	43.4	43.7	43.8	43.8	43.8	44.1	44.1	44.4	44.4	44.9	45.0	45.0	45.0	46.5
≥ 2500	44.7	45.5	46.6	47.1	47.5	47.5	47.5	47.8	48.1	48.1	48.3	48.7	48.7	48.7	48.7	50.1
≥ 2000	49.9	52.3	52.6	53.1	53.7	53.7	53.7	54.0	54.3	54.3	54.7	54.8	54.8	54.8	54.8	56.3
≥ 1800	50.0	52.6	53.1	53.4	54.0	54.0	54.0	54.3	54.5	54.5	55.0	55.1	55.1	55.1	55.1	56.6
≥ 1500	54.5	58.1	58.4	59.4	60.4	60.4	60.4	60.7	61.0	61.0	61.4	61.6	61.6	61.6	61.6	63.0
≥ 1200	56.5	60.7	61.4	62.0	63.0	63.0	63.0	63.3	63.6	63.6	64.1	64.2	64.2	64.2	64.2	65.7
≥ 1000	62.6	67.4	68.5	69.4	70.5	70.5	70.5	71.1	71.4	71.4	71.8	72.0	72.0	72.0	72.0	73.5
≥ 900	63.5	68.2	69.2	70.1	71.3	71.3	71.3	71.8	72.1	72.1	72.6	72.7	72.7	72.7	72.7	74.2
≥ 800	64.4	69.1	70.2	71.3	72.4	72.4	72.4	73.0	73.3	73.3	73.8	74.0	74.0	74.0	74.0	75.5
≥ 700	64.5	69.5	70.8	71.8	73.0	73.0	73.0	73.6	73.9	73.9	74.3	74.6	74.6	74.6	74.6	76.1
≥ 600	65.5	70.7	72.3	73.6	74.9	74.9	74.9	75.7	76.1	76.1	76.5	76.8	77.0	77.0	77.0	78.6
≥ 500	66.3	72.3	74.0	75.8	77.1	77.1	77.1	78.3	78.7	78.7	79.3	79.8	79.9	79.9	79.9	81.4
≥ 400	67.0	73.0	75.1	77.0	78.4	78.4	78.4	79.9	80.6	80.6	81.3	81.8	82.0	82.0	82.0	83.5
≥ 300	68.2	74.9	77.1	80.1	82.1	82.1	82.1	83.7	85.0	85.0	86.4	86.8	87.0	87.0	87.0	88.5
≥ 200	68.3	75.2	77.4	80.5	82.7	82.7	82.7	84.9	86.2	86.2	88.7	89.3	89.4	89.4	89.4	90.9
≥ 100	68.3	75.2	77.4	80.5	82.8	82.8	82.8	85.0	86.4	86.4	89.6	90.5	90.6	90.6	90.6	92.1
≥ 0	68.3	75.2	77.4	80.5	82.8	82.8	82.8	85.0	86.4	86.4	89.6	90.5	90.6	90.6	90.6	92.1

TOTAL NUMBER OF OBSERVATIONS 447

AIR PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE SAF DDT API
STATION NAME

57-66
YEARS

FP
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	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	24.4	23.6	23.4	23.4	20.2	26.2	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 20000	24.4	23.6	23.4	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 18000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 16000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 14000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 12000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 10000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 9000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 8000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 7000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 6000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 5000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 4500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 4000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 3500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 3000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 2500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 2000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 1800	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 1500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 1200	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 1000	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 900	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 800	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 700	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 600	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 500	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 400	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 300	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 200	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 100	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 0	24.4	23.6	23.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4

TOTAL NUMBER OF OBSERVATIONS

000

CEILING VERSUS VISIBILITY

11301
STATOS

STATION NAME

27-66

YEARS

5.13

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING N 20000	21.4 22.0	22.6 23.2	22.9 23.5	22.9 23.5	23.0 23.6	23.0 23.6	23.0 23.6	23.2 23.8	23.2 23.8	23.3 23.9	23.3 23.9	23.3 23.9	23.3 24.1	23.3 24.1	23.4 24.4	23.4 24.5
IV 18000 16000	22.0 22.6	23.2 23.8	23.5 23.5	23.5 23.5	23.6 23.6	23.6 23.6	23.6 23.6	23.8 23.8	23.8 23.8	23.9 23.9	23.9 23.9	23.9 23.9	24.1 24.1	24.1 24.1	24.4 24.4	24.5 24.5
IV 14000 12000	22.0 22.6	23.2 23.8	23.5 23.9	23.5 23.9	23.6 24.1	23.6 24.1	23.6 24.1	23.8 24.2	23.8 24.2	23.9 24.4	23.9 24.4	23.9 24.4	24.1 24.5	24.1 24.5	24.4 24.5	24.5 25.0
IV 10000 9000	23.2 24.5	24.4 26.1	24.4 26.5	24.4 26.5	25.0 26.7	25.0 26.7	25.0 26.7	25.2 26.8	25.2 26.8	25.3 27.0	25.3 27.0	25.3 27.0	25.5 27.1	25.5 27.1	25.9 27.6	26.1 27.7
IV 8000 7000	24.4 27.7	24.4 29.9	24.4 30.2	24.4 30.3	25.0 30.6	25.0 30.6	25.0 30.6	25.2 30.8	25.2 30.8	25.3 31.1	25.3 31.1	25.3 31.1	25.5 31.2	25.5 31.2	26.1 31.7	26.1 31.8
IV 6000 5000	27.9 28.5	27.9 30.3	27.9 30.3	27.9 30.3	28.5 31.2	28.5 31.2	28.5 31.2	28.7 31.4	28.7 31.4	28.8 31.8	28.8 31.8	28.8 31.8	29.0 32.0	29.0 32.0	29.7 32.6	29.7 32.6
IV 4500 4000	28.5 29.0	30.0 32.1	30.0 32.9	30.0 33.2	30.6 33.5	30.6 33.5	30.6 33.5	31.0 33.6	31.0 33.6	31.2 34.1	31.2 34.1	31.2 34.1	31.6 34.2	31.6 34.2	32.7 34.7	32.7 34.8
IV 3500 3000	29.0 32.7	30.0 33.5	30.0 34.2	30.0 34.5	30.6 37.0	30.6 37.0	30.6 37.1	31.0 37.3	31.0 37.3	31.2 37.7	31.2 37.7	31.2 37.7	31.6 37.9	31.6 37.9	32.7 38.3	32.7 38.5
IV 2500 2000	29.6 41.4	29.6 44.6	29.6 45.9	29.6 46.5	30.6 47.4	30.6 47.4	30.6 47.9	31.0 48.2	31.0 48.2	31.2 48.8	31.2 48.8	31.2 48.8	31.6 49.1	31.6 49.1	32.7 49.5	32.7 49.7
IV 1800 1500	41.8 51.2	41.8 53.6	41.8 55.6	41.8 56.3	42.4 57.9	42.4 57.9	42.4 58.0	42.9 59.1	42.9 59.1	43.1 59.7	43.1 59.7	43.1 59.7	43.5 60.0	43.5 60.0	44.6 60.5	44.6 60.6
IV 1200 1000	51.2 59.2	51.2 60.0	51.2 71.1	51.2 72.0	53.5 73.9	53.5 73.9	53.5 75.0	55.0 75.5	55.0 75.5	55.6 76.5	55.6 76.5	55.6 76.5	56.5 77.0	56.5 77.0	58.0 77.6	58.0 77.7
IV 900 800	59.7 63.0	59.7 71.3	59.7 72.0	59.7 73.5	61.2 74.8	61.2 74.8	61.2 76.1	63.0 76.5	63.0 76.5	63.6 77.6	63.6 77.6	63.6 77.6	63.9 78.0	63.9 78.0	66.4 78.6	66.4 78.8
IV 700 600	63.6 65.0	63.6 72.8	63.6 73.1	63.6 74.8	65.0 76.3	65.0 76.3	65.0 77.9	67.4 78.4	67.4 78.4	68.1 79.4	68.1 79.4	68.1 79.4	68.7 80.4	68.7 80.4	71.1 81.3	71.1 81.8
IV 500 400	66.8 67.0	66.8 74.1	66.8 74.4	66.8 76.2	68.2 76.7	68.2 76.7	68.2 78.1	70.9 78.9	70.9 78.9	71.6 80.5	71.6 80.5	71.6 80.5	72.9 81.7	72.9 81.7	75.3 83.3	75.3 83.5
IV 300 200	67.7 67.7	67.7 80.5	67.7 80.5	67.7 82.2	68.3 83.7	68.3 83.7	68.3 85.3	70.9 86.3	70.9 86.3	71.6 87.4	71.6 87.4	71.6 87.4	72.9 89.3	72.9 89.3	75.3 90.4	75.3 90.4
IV 100 0	67.7 67.7	67.7 80.5	67.7 80.5	67.7 82.2	68.3 83.7	68.3 83.7	68.3 85.3	70.9 86.3	70.9 86.3	71.6 87.4	71.6 87.4	71.6 87.4	72.9 89.3	72.9 89.3	75.3 90.4	75.3 90.4

TOTAL NUMBER OF OBSERVATIONS. 660

USAF ETAC FORM 0-14-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATP PROCESSING DIVISION
USAF ETAC
AIR FORCE OFFICE OF VICE/AVC

CEILING VERSUS VISIBILITY

17901
STATION

ESTABLISHMENT OFFICE
STATION NAME

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ .2
NO CEILING	17.9	10.6	17.4	19.5	19.1	19.1	20.4	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 20000	17.4	20.6	21.4	21.5	21.0	21.1	22.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
IV 18000	17.7	20.9	21.7	21.8	22.1	22.1	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 16000	17.7	20.9	21.7	21.8	22.1	22.1	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 14000	17.7	21.1	21.7	22.0	22.3	22.3	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
IV 12000	17.7	21.1	22.0	22.1	22.4	22.4	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
IV 10000	21.2	22.7	23.0	23.8	24.1	24.1	24.7	25.0	25.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2
IV 9000	22.3	23.8	24.7	24.8	25.2	25.2	25.9	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2
IV 8000	25.2	27.1	28.0	28.2	28.5	28.5	29.2	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7
IV 7000	26.0	30.5	31.5	31.7	32.1	32.1	32.9	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3
IV 6000	29.3	31.1	32.1	32.3	32.9	32.9	33.8	34.1	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 5000	27.7	32.6	33.6	33.8	34.4	34.4	35.3	35.6	35.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1
IV 4500	27.0	32.7	33.8	33.9	34.5	34.5	35.2	35.8	35.8	36.2	36.2	36.2	36.2	36.2	36.2	36.2
IV 4000	21.4	34.2	35.3	35.6	36.2	36.2	37.1	37.4	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9
IV 3500	24.8	34.7	35.9	36.2	36.8	36.8	37.7	38.0	38.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5
IV 3000	24.5	37.6	38.9	39.2	39.8	39.8	40.9	41.1	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 2500	28.2	41.5	42.9	43.2	43.8	43.8	44.7	45.0	45.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 2000	24.2	44.0	44.4	44.7	45.3	45.3	46.2	46.5	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 1800	44.3	48.2	47.7	48.0	48.7	48.7	49.6	49.9	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 1500	46.3	54.4	55.7	56.4	57.3	57.3	58.8	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 1200	54.8	58.3	60.0	60.6	61.5	61.5	62.2	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 1000	55.5	67.4	69.7	70.5	71.7	71.7	73.0	74.7	74.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 900	57.7	67.6	69.6	70.6	72.0	72.0	73.9	75.0	75.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 800	1.7	70.0	72.3	73.3	74.8	74.8	76.9	77.9	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 700	2.3	71.2	73.5	74.5	76.2	76.2	78.3	79.5	79.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 600	4.7	74.1	76.7	77.7	79.7	79.7	81.9	83.2	83.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 500	7.4	75.8	78.6	79.8	82.1	82.1	84.4	85.9	85.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 400	11.0	77.0	79.8	81.1	83.6	83.6	86.4	87.9	87.9	90.8	91.1	91.1	91.1	91.1	91.1	91.1
IV 300	7.0	77.9	80.8	82.1	84.8	84.8	88.0	89.5	89.5	92.4	93.2	93.2	93.2	93.2	93.2	93.2
IV 200	7.0	77.9	80.8	82.1	84.8	84.8	88.0	89.5	89.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0
IV 100	7.0	77.9	80.8	82.1	85.0	85.0	88.2	89.8	89.8	93.2	94.1	94.1	94.1	94.1	94.1	94.1
IV 0	7.0	77.9	80.8	82.1	85.0	85.0	88.2	89.8	89.8	93.2	94.1	94.1	94.1	94.1	94.1	94.1

TOTAL NUMBER OF OBSERVATIONS 600

DATA PROCESSING DIVISION
USAF ETAC
115 EAST LEXINGTON AVENUE

CEILING VERSUS VISIBILITY

STATION 17901
STATION NAME

97-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000-1100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 25000	20.4	20.9	20.9	21.1	21.5	21.5	21.7	21.8	21.8	22.0	22.1	22.1	22.3	22.3	22.4	22.5
IV 18000	20.5	22.3	22.3	22.4	22.7	22.7	22.9	23.0	23.2	23.2	23.3	23.3	23.6	23.6	23.7	24.1
IV 16000	20.6	22.6	22.6	22.7	23.2	23.2	23.3	23.3	23.5	23.5	23.8	23.8	23.9	24.1	24.1	24.4
IV 14000	21.4	23.3	23.3	23.3	23.7	23.7	24.1	24.2	24.2	24.5	24.7	24.7	25.0	25.0	25.2	25.3
IV 12000	21.4	23.3	23.3	23.5	24.4	23.9	24.1	24.2	24.2	24.5	24.7	24.7	25.0	25.0	25.2	25.3
IV 10000	23.0	25.0	25.0	25.2	25.6	25.6	25.9	25.9	25.9	26.2	26.4	26.4	26.7	26.7	26.8	27.0
IV 9000	24.1	26.4	26.4	26.5	27.0	27.0	27.1	27.3	27.3	27.5	27.7	27.7	28.0	28.0	28.2	28.3
IV 8000	26.5	28.9	28.9	29.1	29.5	29.5	29.7	29.8	29.8	30.2	30.3	30.4	30.6	30.6	30.7	30.7
IV 7000	26.6	31.7	31.8	32.3	32.7	32.7	32.9	33.0	33.0	33.3	33.5	33.5	33.9	33.9	34.1	34.4
IV 6000	30.5	33.9	34.1	34.5	35.3	35.3	35.6	35.9	35.9	36.2	36.4	36.4	36.8	36.8	37.0	37.3
IV 5000	32.0	35.6	35.6	36.7	37.0	37.0	37.4	37.6	37.6	37.9	38.0	38.0	38.5	38.5	38.6	38.9
IV 4500	32.3	35.9	36.1	36.5	37.3	37.3	37.7	37.9	37.9	38.2	38.3	38.3	38.8	38.8	38.9	39.2
IV 4000	33.6	37.3	37.4	37.9	38.6	38.6	39.2	39.4	39.4	39.7	39.8	39.8	40.3	40.3	40.4	40.7
IV 3500	34.4	38.0	38.2	38.6	39.4	39.4	40.0	40.2	40.2	40.5	40.6	40.6	41.1	41.1	41.2	41.5
IV 3000	35.4	40.5	40.7	41.4	42.1	42.1	42.7	43.0	43.0	43.3	43.5	43.5	43.9	43.9	44.1	44.4
IV 2500	39.1	43.2	43.6	44.1	45.2	45.2	46.1	46.2	46.2	46.5	46.7	46.7	47.1	47.1	47.2	47.6
IV 2000	44.0	49.8	50.3	50.9	52.1	52.1	53.0	53.2	53.2	53.5	53.6	53.6	54.1	54.1	54.2	54.5
IV 1800	45.3	50.3	50.9	51.4	52.6	52.6	53.5	53.6	53.6	53.9	54.1	54.1	54.5	54.5	54.7	55.0
IV 1500	50.3	56.2	57.0	57.9	59.2	59.4	61.1	61.2	61.2	61.5	61.7	61.7	62.1	62.1	62.2	62.6
IV 1200	52.9	59.2	60.2	61.1	62.4	62.6	64.4	64.8	64.8	65.3	65.6	65.6	66.1	66.1	66.2	66.5
IV 1000	55.2	61.3	62.3	63.3	64.6	64.8	66.4	66.8	66.8	67.4	67.7	67.7	68.1	68.1	68.2	68.5
IV 900	57.0	63.9	64.9	65.9	67.2	67.4	69.0	69.4	69.4	70.0	70.3	70.3	70.8	70.8	70.9	71.2
IV 800	58.6	66.5	67.5	68.5	69.8	70.0	71.6	72.0	72.0	72.6	72.9	72.9	73.4	73.4	73.5	73.8
IV 700	60.3	69.2	70.2	71.2	72.5	72.7	74.3	74.7	74.7	75.3	75.6	75.6	76.1	76.1	76.2	76.5
IV 600	62.0	71.4	72.4	73.4	74.7	74.9	76.5	76.9	76.9	77.5	77.8	77.8	78.3	78.3	78.4	78.7
IV 500	63.7	73.8	74.8	75.8	77.1	77.3	78.7	79.1	79.1	79.7	80.0	80.0	80.5	80.5	80.6	80.9
IV 400	65.4	76.2	77.2	78.2	79.5	79.7	81.1	81.5	81.5	82.1	82.4	82.4	82.9	82.9	83.0	83.3
IV 300	67.1	78.6	79.6	80.6	81.9	82.1	83.5	83.9	83.9	84.5	84.8	84.8	85.3	85.3	85.4	85.7
IV 200	68.8	81.0	82.0	83.0	84.3	84.5	85.9	86.3	86.3	86.9	87.2	87.2	87.7	87.7	87.8	88.1
IV 100	70.5	83.4	84.4	85.4	86.7	86.9	88.3	88.7	88.7	89.3	89.6	89.6	90.1	90.1	90.2	90.5
IV 0	72.2	85.8	86.8	87.8	89.1	89.3	90.7	91.1	91.1	91.7	92.0	92.0	92.5	92.5	92.6	92.9

TOTAL NUMBER OF OBSERVATIONS

600

W. P. GROSS DIVISION
S. P. L. T.
IN REAR SERVICE/NO

CEILING VERSUS VISIBILITY

STATION
(NAME)

STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1500
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 3/8	≥ 1/4	≥ 0
1000	20.5	20.8	21.1	21.7	22.1	22.1	22.1	22.1	22.1	22.0	22.1	22.1	22.2	24.2	24.2	24.3
900	21.2	21.7	22.0	22.6	23.2	23.2	23.2	23.2	23.2	23.6	23.6	23.6	24.2	24.7	24.2	24.4
800	21.5	22.0	22.4	23.0	23.6	23.6	23.6	23.6	23.6	24.1	24.2	24.2	24.7	24.7	24.7	24.8
700	21.5	22.0	22.4	23.0	23.6	23.6	23.6	23.6	23.6	24.1	24.2	24.2	24.7	24.7	24.7	24.8
600	22.0	22.4	22.9	23.5	24.1	24.1	24.1	24.1	24.1	24.5	24.7	24.7	25.2	25.2	25.2	25.3
500	22.1	22.6	23.0	23.6	24.2	24.2	24.2	24.2	24.2	24.7	24.7	24.7	25.3	25.3	25.3	25.3
400	24.2	25.0	25.5	26.1	26.7	26.7	26.7	26.7	26.7	27.1	27.1	27.1	27.7	27.7	27.7	27.9
300	25.0	25.4	25.8	26.4	26.8	26.8	26.8	26.8	26.8	27.1	27.1	27.1	27.7	27.7	27.7	27.9
200	27.7	28.5	28.9	29.5	30.2	30.2	30.2	30.2	30.2	30.8	30.8	30.8	31.4	31.4	31.4	31.5
100	30.5	31.1	31.5	32.1	32.7	32.7	32.7	32.7	32.7	33.3	33.3	33.3	33.9	33.9	33.9	34.1
0	32.5	33.5	33.9	34.7	35.3	35.3	35.3	35.3	35.3	36.5	36.5	36.5	37.1	37.1	37.1	37.3
1000	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
900	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
800	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
700	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
600	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
500	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
400	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
300	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
200	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
100	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3
0	22.5	23.5	23.9	24.7	25.3	25.3	25.3	25.3	25.3	26.5	26.5	26.5	27.1	27.1	27.1	27.3

TOTAL NUMBER OF OBSERVATIONS

600

ATMOSPHERIC DIVISION
SAC ETAC
WIND-WEATHER SERVICE OF

CEILING VERSUS VISIBILITY

STATION 17001 RESULTS 10/1/421

27-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-1700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .3	≥ .15	≥ 0	
NO CEILING	24.5	23.5	23.6	23.6	23.6	23.9	23.9	23.9	23.9	20.2	20.2	20.4	20.4	20.7	20.7	
≥ 20000	24.5	23.5	23.9	23.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	
IV 18000	24.0	23.9	23.9	23.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	
IV 16000	24.0	23.9	23.9	23.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	
IV 14000	23.9	23.9	23.9	23.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	
IV 12000	23.9	23.9	23.9	23.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	
≥ 10000	20.2	21.3	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
≥ 9000	20.2	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
≥ 8000	20.2	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
≥ 7000	20.2	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 6000	22.4	24.9	24.1	24.1	24.7	25.0	25.2	25.2	25.2	25.5	25.5	25.5	25.5	25.5	25.5	
IV 5000	22.4	24.9	24.1	24.1	24.7	25.0	25.2	25.2	25.2	25.5	25.5	25.5	25.5	25.5	25.5	
IV 4500	22.4	24.9	24.1	24.1	24.7	25.0	25.2	25.2	25.2	25.5	25.5	25.5	25.5	25.5	25.5	
IV 4000	22.4	24.9	24.1	24.1	24.7	25.0	25.2	25.2	25.2	25.5	25.5	25.5	25.5	25.5	25.5	
IV 3500	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 3000	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 2500	22.4	24.9	24.1	24.1	24.7	25.0	25.2	25.2	25.2	25.5	25.5	25.5	25.5	25.5	25.5	
IV 2000	22.4	24.9	24.1	24.1	24.7	25.0	25.2	25.2	25.2	25.5	25.5	25.5	25.5	25.5	25.5	
IV 1800	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 1500	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 1200	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 1000	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 900	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 800	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 700	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 600	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 500	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 400	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 300	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 200	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 100	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
IV 0	20.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	

TOTAL NUMBER OF OBSERVATIONS

400

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/240

CEILING VERSUS VISIBILITY

STATION 17901 STATION NAME FORT MONTELEONE AFB TX

37-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-2000
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.8	≥ 0.6	≥ 0.5	≥ 0.4	≥ 0.3	≥ 0.2	≥ 0
NO CEILING	25.0	25.6	25.6	25.6	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 20000	25.0	26.7	26.7	27.0	27.3	27.3	27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7
IV 18000	25.4	27.0	27.0	27.3	27.6	27.6	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
IV 16000	25.4	27.0	27.0	27.3	27.6	27.6	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
IV 14000	25.4	27.0	27.0	27.3	27.6	27.6	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
IV 12000	26.4	27.4	27.4	27.7	28.0	28.0	28.3	28.3	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5
IV 10000	27.4	28.8	28.8	29.1	29.4	29.4	29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8
IV 9000	28.8	30.2	30.2	30.5	30.8	30.8	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2
IV 8000	30.0	31.4	31.4	31.7	32.0	32.0	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4
IV 7000	31.7	33.3	33.3	33.9	34.2	34.2	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 6000	33.2	34.8	35.2	35.5	35.7	35.9	36.3	36.3	36.4	36.4	36.8	36.8	36.8	36.8	36.8	36.8
IV 5000	34.4	36.5	36.8	37.1	37.6	37.6	38.0	38.0	38.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5
IV 4500	34.7	36.6	37.3	37.6	38.0	38.0	38.5	38.5	38.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 4000	36.2	38.5	38.9	39.2	39.8	39.8	40.3	40.3	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 3500	37.0	39.2	39.7	40.0	40.6	40.6	41.1	41.1	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 3000	38.1	42.3	42.9	43.2	43.8	43.8	44.2	44.2	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 2500	42.3	44.7	45.5	45.8	46.5	46.5	47.0	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 2000	46.7	49.7	50.3	50.6	51.3	51.3	52.3	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 1800	47.8	50.5	51.1	51.4	52.3	52.3	53.0	53.0	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 1500	48.9	50.7	51.4	51.7	52.8	52.8	53.6	53.6	53.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 1200	53.8	60.0	60.9	61.4	62.6	62.6	63.9	63.9	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 1000	62.0	67.6	68.9	70.0	72.0	72.0	74.1	74.1	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 900	62.4	68.3	69.7	70.8	73.3	73.3	74.6	74.6	75.0	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 800	63.3	71.7	73.0	74.1	77.3	77.3	79.4	79.4	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 700	66.1	73.0	74.4	75.6	79.1	79.1	81.4	81.4	81.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 600	71.7	75.2	76.5	78.0	81.5	81.5	83.9	83.9	84.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 500	76.3	78.1	79.4	80.6	82.7	82.7	85.6	85.6	85.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 400	80.9	77.4	78.9	80.6	84.3	84.3	87.0	87.0	87.4	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 300	79.0	79.2	81.1	82.9	86.8	86.8	89.3	89.3	90.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 200	79.0	79.2	81.1	82.9	86.8	86.8	89.3	89.3	90.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 100	79.0	79.2	81.1	82.9	87.0	87.0	89.3	89.3	90.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 0	79.0	79.2	81.1	82.9	87.0	87.0	89.3	89.3	90.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS

600

DATA PROCESSING DIVISION
SAFETY
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION
17941

RESERVE DATE AND TIME
37-66

YEARS
37-66

MONTH

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	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	23.9	23.5	23.5	23.5	23.6	23.6	23.9	23.6	23.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 20000	24.1	23.6	23.6	23.6	23.6	23.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
IV 18000	24.5	26.1	26.1	26.1	26.2	26.2	26.4	26.4	26.4	26.7	26.7	26.7	26.7	26.7	26.7	26.7
IV 16000	24.5	26.1	26.1	26.1	26.2	26.2	26.4	26.4	26.4	26.7	26.7	26.7	26.7	26.7	26.7	26.7
IV 14000	24.5	26.1	26.1	26.1	26.2	26.2	26.4	26.4	26.4	26.7	26.7	26.7	26.7	26.7	26.7	26.7
IV 12000	24.7	26.2	26.2	26.2	26.4	26.4	26.5	26.5	26.5	26.8	26.8	26.8	26.8	26.8	26.8	26.8
IV 10000	25.0	26.7	26.7	26.7	26.8	26.8	27.0	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3
IV 9000	25.3	27.0	27.0	27.0	27.1	27.1	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.6
IV 8000	27.6	29.4	29.8	29.8	30.0	30.0	30.2	30.2	30.2	30.5	30.5	30.5	30.5	30.5	30.5	30.5
IV 7000	29.5	31.7	32.1	32.1	32.4	32.4	32.7	32.7	32.7	33.2	33.2	33.2	33.2	33.2	33.2	33.2
IV 6000	30.5	32.6	33.3	33.3	33.4	33.8	34.1	34.1	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5
IV 5000	31.2	33.5	34.4	34.4	34.7	34.7	35.0	35.0	35.0	35.5	35.5	35.5	35.5	35.5	35.5	35.5
IV 4500	31.5	33.9	34.8	34.8	35.2	35.2	35.5	35.5	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9
IV 4000	32.0	34.6	35.8	35.8	36.1	36.1	36.4	36.4	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 3500	33.0	35.9	36.8	36.8	37.1	37.1	37.4	37.4	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9
IV 3000	35.5	38.9	39.8	39.8	40.2	40.2	40.5	40.5	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 2500	37.4	41.1	42.0	42.0	42.3	42.3	42.6	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 2000	42.1	46.8	48.0	48.0	48.6	48.6	48.9	48.9	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 1800	42.6	47.6	48.8	48.8	49.4	49.4	49.7	49.7	49.7	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 1500	49.2	54.7	56.7	56.7	57.7	57.7	58.2	58.2	58.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 1200	52.0	58.8	61.2	61.2	62.7	62.7	63.8	63.8	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 1000	57.3	66.6	70.2	70.2	72.6	72.6	74.1	74.1	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 900	57.9	67.6	71.1	71.1	73.5	73.5	75.0	75.0	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 800	60.2	70.3	74.1	74.1	77.0	77.0	78.8	78.8	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 700	60.5	70.8	75.0	75.0	78.5	78.5	80.3	80.3	80.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 600	63.2	74.2	78.8	78.8	82.6	82.6	84.7	84.7	84.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 500	63.6	75.6	80.2	80.2	84.4	84.4	87.0	87.0	87.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 400	65.8	77.9	82.4	82.4	86.6	86.6	89.1	89.1	89.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 300	65.5	78.8	83.2	83.2	87.6	87.6	90.9	90.9	90.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 200	65.0	78.9	83.5	83.5	88.0	88.0	91.1	91.1	91.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 100	65.6	78.9	83.5	83.5	88.0	88.0	91.2	91.2	91.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 0	65.6	78.9	83.5	83.5	88.0	88.0	91.2	91.2	91.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9

TOTAL NUMBER OF OBSERVATIONS

660

ALC PROCESSING DIVISION
SIL LTA
IN PLAIN DE WICE/DC

CEILING VERSUS VISIBILITY

17901 RESOLUTE NWT DUT API

57-66

C1

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING N 20000	32.2	37.5	38.8	39.5	40.9	40.9	42.0	42.2	42.2	43.3	43.6	43.5	43.9	44.1	44.0	44.6
IV 18000	33.2	38.6	39.9	40.6	42.0	42.0	43.1	43.3	43.3	44.6	44.8	44.8	45.1	45.4	45.6	45.8
IV 16000	33.2	38.6	39.9	40.6	42.0	42.0	43.1	43.3	43.3	44.6	44.8	44.8	45.1	45.4	45.6	45.8
IV 14000	33.2	38.6	39.9	40.6	42.0	42.0	43.1	43.3	43.3	44.6	44.8	44.8	45.1	45.4	45.6	45.8
IV 12000	33.2	38.6	39.9	40.6	42.0	42.0	43.1	43.3	43.3	44.6	44.8	44.8	45.1	45.4	45.6	45.8
IV 10000	33.7	39.4	40.9	41.6	42.9	42.9	44.0	44.6	44.6	45.6	45.9	45.7	46.2	46.3	46.7	46.9
IV 9000	34.1	39.8	41.4	42.1	43.5	43.5	44.0	45.1	45.1	46.2	46.3	46.3	47.0	47.4	47.8	47.8
IV 8000	34.7	40.6	42.2	42.9	44.3	44.3	45.5	46.0	46.0	47.1	47.4	47.4	48.0	48.4	48.8	48.8
IV 7000	35.3	41.1	42.8	43.5	44.8	44.8	46.0	46.6	46.6	47.8	48.1	48.1	48.6	49.0	49.5	49.5
IV 6000	36.0	42.0	43.6	44.4	45.8	45.8	47.0	47.5	47.5	48.8	49.0	49.0	49.6	50.0	50.4	50.4
IV 5000	36.9	43.2	45.0	46.0	47.5	47.5	48.8	49.3	49.3	50.5	50.8	50.8	51.4	51.8	52.2	52.2
IV 4500	37.5	44.0	45.8	46.9	48.4	48.4	49.6	50.1	50.1	51.4	51.6	51.6	52.2	52.6	53.0	53.0
IV 4000	38.6	45.2	47.0	48.1	49.6	49.6	51.1	51.6	51.6	52.9	53.1	53.1	53.7	54.1	54.5	54.5
IV 3500	39.0	45.8	47.5	48.6	50.3	50.3	51.8	52.3	52.3	53.5	53.8	53.8	54.4	54.8	55.2	55.2
IV 3000	40.1	47.1	48.9	50.1	52.3	52.3	53.8	54.4	54.4	55.6	56.0	56.0	56.7	57.1	57.5	57.5
IV 2500	41.6	48.9	50.8	52.0	54.4	54.4	55.9	56.4	56.4	57.6	58.0	58.0	58.7	59.1	59.5	59.5
IV 2000	43.2	53.4	55.6	57.6	60.6	60.6	63.1	63.6	63.6	65.0	65.4	65.4	66.1	66.5	66.9	66.9
IV 1800	46.5	54.9	57.1	59.3	62.4	62.4	64.9	65.4	65.4	66.8	67.2	67.2	67.8	68.3	68.7	68.7
IV 1500	49.0	56.7	61.2	63.6	67.3	67.3	70.0	71.1	71.1	72.8	73.2	73.2	74.0	74.4	74.8	74.8
IV 1200	51.5	61.7	64.3	67.3	71.1	71.1	74.5	75.1	75.1	76.7	77.1	77.1	77.9	78.3	78.7	78.7
IV 1000	53.9	64.0	70.6	74.9	79.4	79.4	83.2	84.2	84.2	86.6	87.6	87.6	88.6	89.0	89.4	89.4
IV 900	56.3	64.5	71.7	75.7	80.2	80.2	84.1	85.0	85.0	87.7	88.7	88.7	89.6	90.1	90.5	90.5
IV 800	56.5	64.1	72.5	76.6	81.3	81.3	85.3	86.6	86.6	89.5	90.6	90.6	91.7	92.1	92.5	92.5
IV 700	56.5	64.3	72.6	76.8	81.6	82.2	85.6	86.9	86.9	89.8	90.9	90.9	92.2	92.6	93.1	93.1
IV 600	57.1	70.7	74.1	78.5	83.3	84.1	87.5	88.8	88.8	91.7	92.8	92.8	94.3	94.7	95.1	95.1
IV 500	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	92.5	93.6	93.6	95.5	96.0	96.7	96.7
IV 400	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	92.5	93.6	93.6	95.5	96.2	96.9	96.9
IV 300	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	93.3	94.6	94.6	96.9	97.4	98.1	98.1
IV 200	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	93.3	94.8	94.8	97.3	97.8	98.5	98.5
IV 100	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	93.3	94.8	94.8	97.3	97.8	98.8	98.8
IV 0	57.1	70.8	74.3	78.7	84.2	84.7	88.1	89.5	89.5	93.3	94.8	94.8	97.3	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 734

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17501
STATION

RESOLUTE NMT DDT APT
STATION NAME

57-66
YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	≥ 0
NO CEILING	33.0	37.2	38.1	39.1	41.0	41.0	41.0	41.4	41.6	42.4	42.9	42.9	43.3	43.5	43.9	43.9
≥ 20000	33.7	37.9	38.8	39.8	41.7	41.7	42.2	42.0	42.6	43.2	43.7	43.7	44.1	44.3	44.7	44.7
≥ 18000	33.9	38.4	39.4	40.3	42.4	42.4	43.2	43.3	43.3	43.9	44.4	44.4	44.6	45.0	45.4	45.4
≥ 16000	34.1	38.6	39.5	40.6	42.5	42.5	43.3	43.3	43.5	44.0	44.0	44.5	45.0	45.1	45.5	45.5
≥ 14000	34.3	38.8	39.8	40.9	42.8	42.8	43.6	43.7	43.7	44.3	44.8	44.8	45.2	45.4	45.9	45.9
≥ 12000	34.5	38.8	39.9	41.0	42.9	42.9	43.7	43.9	43.9	44.4	45.0	45.0	45.4	45.5	45.9	45.9
≥ 10000	34.6	39.2	40.3	41.4	43.3	43.3	44.1	44.3	44.3	44.8	45.4	45.4	45.8	45.9	46.3	46.3
≥ 9000	34.9	39.5	40.7	41.8	43.7	43.7	44.6	44.7	44.7	45.2	45.8	45.8	46.2	46.3	46.7	46.7
≥ 8000	35.2	41.3	42.6	43.9	45.8	45.8	46.6	46.7	46.7	47.3	48.0	48.0	48.4	48.5	48.9	48.9
≥ 7000	35.9	42.1	43.5	44.8	47.0	47.0	48.0	48.1	48.1	48.6	49.3	49.3	49.7	49.9	50.3	50.3
≥ 6000	37.2	42.5	44.0	45.4	47.5	47.5	48.5	48.6	48.6	49.2	49.9	49.9	50.3	50.4	50.8	50.8
≥ 5000	38.0	43.3	44.8	46.2	48.4	48.4	49.3	49.5	49.5	50.0	50.7	50.7	51.1	51.2	51.6	51.6
≥ 4500	38.6	44.1	45.6	47.0	49.2	49.2	50.1	50.3	50.3	50.8	51.5	51.5	51.9	52.0	52.5	52.5
≥ 4000	39.9	45.4	47.1	48.8	51.0	51.0	51.9	52.0	52.0	52.6	53.3	53.3	53.7	53.8	54.2	54.2
≥ 3500	40.5	46.2	48.1	49.7	51.9	51.9	52.7	53.0	53.0	53.5	54.2	54.2	54.6	54.8	55.2	55.2
≥ 3000	41.6	47.5	49.7	51.4	53.5	53.5	54.5	54.6	54.6	55.2	55.9	55.9	56.3	56.4	56.8	56.8
≥ 2500	43.1	49.5	51.0	53.3	55.4	55.4	56.4	56.7	56.7	57.2	57.9	57.9	58.3	58.4	58.9	58.9
≥ 2000	46.5	53.5	56.3	58.3	60.9	60.9	62.1	62.5	62.5	63.1	63.8	63.8	64.2	64.3	64.7	64.7
≥ 1800	46.0	53.3	56.0	60.1	62.7	62.7	63.9	64.4	64.4	65.0	65.7	65.7	66.1	66.2	66.6	66.6
≥ 1500	50.1	54.0	61.3	63.5	66.5	66.5	68.0	68.7	68.7	69.5	70.2	70.2	70.6	70.7	71.1	71.1
≥ 1200	52.7	61.7	65.4	68.0	71.1	71.1	72.9	73.6	73.6	74.4	75.1	75.1	75.5	75.6	76.2	76.2
≥ 1000	56.2	68.5	73.3	76.7	81.4	81.4	84.5	85.8	85.8	87.2	87.9	87.9	88.7	88.8	89.5	89.5
≥ 900	59.0	69.9	74.3	77.7	82.8	82.8	85.0	86.9	86.9	88.6	89.2	89.2	90.2	90.3	91.0	91.0
≥ 800	59.3	70.6	75.3	79.3	84.0	84.0	87.1	89.2	89.2	91.3	92.0	92.0	92.9	93.2	93.9	93.9
≥ 700	59.7	71.4	76.2	80.1	85.6	85.6	88.7	90.2	90.2	92.2	92.9	92.9	93.9	94.1	94.8	94.8
≥ 600	59.6	71.7	76.4	80.4	85.8	85.8	89.0	90.5	90.5	92.5	93.2	93.2	94.1	94.4	95.1	95.1
≥ 500	60.1	72.1	77.0	81.2	87.1	87.1	90.0	92.1	92.1	94.3	95.1	95.1	96.6	96.9	97.7	97.7
≥ 400	60.1	72.1	77.0	81.2	87.1	87.1	90.0	92.2	92.2	94.6	95.5	95.5	97.0	97.5	98.4	98.4
≥ 300	60.1	72.1	77.0	81.3	87.2	87.2	90.7	92.4	92.4	94.7	95.6	95.6	97.1	97.7	98.5	98.5
≥ 200	60.1	72.1	77.0	81.3	87.2	87.2	90.7	92.4	92.4	94.7	95.6	95.6	97.4	98.1	99.2	99.2
≥ 100	60.1	72.1	77.0	81.3	87.2	87.2	90.7	92.4	92.4	94.7	95.6	95.6	97.4	98.1	99.6	99.7
≥ 0	60.1	72.1	77.0	81.3	87.2	87.2	90.7	92.4	92.4	94.7	95.6	95.6	97.4	98.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

734

DATA PROCESSING DIVISION
U.S. AIR FORCE
AIR FORCE RESEARCH AND DEVELOPMENT

CEILING VERSUS VISIBILITY

1/5/61 RESOURCES UNIT, 1001 APT
STATION NAME

57-66

YEARS

61

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.4	50.8	32.2	33.5	34.3	34.3	34.7	35.1	35.8	36.1	36.4	36.5	37.1	37.1	37.9	37.9
≥ 20000	20.3	31.2	32.6	33.0	34.7	34.7	35.1	35.8	36.5	36.9	37.1	37.1	37.7	37.7	38.6	38.6
IV 18000	20.3	31.3	32.7	34.1	34.9	34.9	35.3	36.0	36.6	36.6	37.1	37.2	37.9	37.9	38.7	38.7
IV 16000	21.2	32.0	33.4	34.7	35.0	35.6	36.0	36.6	36.6	37.3	37.7	37.9	38.6	38.6	39.4	39.4
IV 14000	29.3	32.3	33.7	35.0	35.6	35.6	36.2	36.9	36.9	37.6	38.0	38.1	38.8	38.8	39.6	39.6
IV 12000	23.0	32.7	34.2	35.6	36.4	36.4	36.9	37.5	37.5	38.1	38.6	38.7	39.4	39.4	40.2	40.2
IV 10000	27.7	33.1	34.7	36.1	36.9	36.9	37.5	38.0	38.0	38.7	39.1	39.2	39.9	39.9	40.7	40.7
IV 9000	29.7	33.1	34.9	36.2	37.1	37.1	37.5	38.1	38.1	38.8	39.2	39.4	40.1	40.1	40.9	40.9
IV 8000	31.1	34.9	36.9	38.1	39.0	39.0	39.5	40.2	40.2	40.9	41.3	41.4	42.1	42.1	42.9	42.9
IV 7000	32.6	35.6	38.7	40.2	41.0	41.8	42.0	43.3	43.3	44.0	44.4	44.5	45.4	45.4	46.2	46.2
IV 6000	33.6	37.7	39.8	41.4	43.1	43.1	43.9	44.6	44.6	45.2	45.6	45.8	46.6	46.6	47.4	47.4
IV 5000	34.9	39.4	41.4	43.1	44.7	44.7	45.5	46.2	46.2	46.9	47.3	47.4	48.2	48.2	49.0	49.0
IV 4500	35.6	40.1	42.1	43.7	45.4	45.4	46.2	46.9	46.9	47.5	48.0	48.1	48.9	48.9	49.9	49.9
IV 4000	36.2	40.7	42.8	44.4	46.0	46.0	46.9	47.5	47.5	48.2	48.6	48.8	49.6	49.6	50.5	50.5
IV 3500	36.9	41.7	43.7	45.3	47.1	47.1	48.0	48.6	48.6	49.3	49.7	49.9	50.7	50.7	51.6	51.6
IV 3000	37.9	42.6	45.0	46.7	48.5	48.5	49.3	50.1	50.1	50.8	51.2	51.4	52.3	52.3	53.3	53.3
IV 2500	41.0	45.0	46.2	50.1	51.9	51.9	52.9	53.7	53.7	54.5	54.9	55.0	56.0	56.0	56.9	56.9
IV 2000	44.3	51.0	53.7	56.0	58.3	58.3	59.5	60.5	60.5	61.3	61.7	61.9	62.8	62.8	63.6	63.6
IV 1800	44.7	51.6	54.4	56.7	59.0	59.0	60.2	61.3	61.3	62.1	62.5	62.7	63.6	63.6	64.6	64.6
IV 1500	46.6	57.1	60.2	62.7	65.5	65.5	67.4	68.8	68.8	69.9	70.4	70.4	71.8	71.8	72.6	72.6
IV 1200	51.0	60.1	63.9	66.6	69.8	69.8	71.8	73.2	73.2	74.4	74.9	75.1	76.4	76.4	77.4	77.4
IV 1000	53.7	63.5	70.7	74.0	78.9	79.2	81.0	83.1	83.1	85.1	85.7	85.8	87.6	87.6	88.7	88.7
IV 900	55.9	66.1	73.8	76.1	79.0	79.3	81.9	83.4	83.4	85.7	86.2	86.4	88.1	88.1	89.2	89.2
IV 800	56.5	66.9	74.9	75.5	80.4	80.7	83.5	85.3	85.3	87.9	88.6	88.7	90.5	90.5	91.6	91.6
IV 700	7.6	63.1	73.3	76.8	81.7	82.2	85.1	86.9	86.9	89.9	90.7	90.9	92.8	92.8	93.9	93.9
IV 600	7.9	66.5	73.7	77.4	82.4	82.8	85.8	87.7	87.7	90.9	91.7	91.8	94.1	94.1	95.2	95.2
IV 500	58.8	69.3	76.5	78.3	83.7	84.1	87.3	89.5	89.5	92.8	93.7	93.9	96.5	96.5	97.5	97.5
IV 400	60.6	69.5	74.7	78.5	83.8	84.2	87.6	89.8	90.1	93.3	94.4	94.6	97.1	97.3	98.4	98.4
IV 300	66.9	69.9	75.1	78.9	84.2	84.6	88.0	90.2	90.5	93.7	94.8	95.0	97.7	97.8	98.9	98.9
IV 200	68.9	70.0	75.2	79.0	84.3	84.7	88.1	90.3	90.6	93.9	95.0	95.1	98.4	98.5	99.9	99.9
IV 100	68.9	70.0	75.2	79.0	84.3	84.7	88.1	90.3	90.6	93.9	95.0	95.1	98.4	98.5	99.9	99.9
IV 0	68.9	70.0	75.2	79.0	84.3	84.7	88.1	90.3	90.6	93.9	95.0	95.1	98.4	98.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 734

DATA PROCESSING DIVISION
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17901
STATION

RESERVE PT DPT LPT
STATION NAME

57-66
YEARS

LCI
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	20.2	23.1	24.6	25.4	26.2	27.4	28.2	28.5	28.5	28.8	28.9	29.1	29.3	29.3	29.7	30.3
≥ 20000	26.3	28.5	30.2	31.1	33.0	33.2	34.1	34.3	34.3	34.6	34.9	35.0	35.3	35.3	35.0	36.4
IV 18000	26.6	29.2	31.1	31.9	33.0	34.1	35.1	35.4	35.4	35.7	36.0	36.1	36.4	36.4	36.9	37.4
IV 16000	27.1	29.4	31.3	32.2	34.1	34.3	35.0	35.8	35.8	36.1	36.4	36.5	36.8	36.8	37.3	37.9
IV 14000	28.3	30.8	32.7	33.5	35.4	35.7	36.9	37.2	37.2	37.5	37.7	37.9	38.1	38.1	38.7	39.2
IV 12000	28.6	31.1	33.0	33.8	35.7	36.0	37.3	37.6	37.6	38.0	38.3	38.4	38.7	38.7	39.2	39.9
IV 10000	29.9	31.6	33.7	34.5	36.2	36.8	38.9	38.8	38.8	39.2	39.5	39.6	39.9	39.9	40.5	41.0
IV 9000	29.2	32.0	34.2	35.0	37.1	37.3	39.0	39.4	39.4	39.8	40.1	40.2	40.5	40.5	41.0	41.6
IV 8000	30.6	33.9	36.2	37.1	39.2	39.5	41.3	41.7	41.7	42.1	42.4	42.5	42.8	42.8	43.3	44.0
IV 7000	31.7	35.0	37.3	38.1	40.7	41.0	42.3	43.7	43.7	44.1	44.6	44.7	45.1	45.2	45.8	46.5
IV 6000	32.4	35.7	38.0	39.0	41.6	41.8	44.1	44.8	44.8	45.2	45.6	45.7	46.2	46.3	46.9	47.5
IV 5000	33.0	36.4	38.7	39.6	42.2	42.3	44.8	45.3	45.3	45.9	46.3	46.5	47.0	47.1	47.7	48.4
IV 4500	33.7	37.1	39.4	40.3	42.9	43.2	45.3	46.2	46.2	46.6	47.0	47.1	47.8	48.0	48.5	49.2
IV 4000	35.0	38.6	41.0	42.0	44.6	44.8	47.1	47.8	47.8	48.4	48.8	48.9	49.6	49.7	50.3	51.0
IV 3500	35.1	39.0	41.4	42.4	45.0	45.2	47.3	48.2	48.2	48.8	49.2	49.3	50.0	50.1	50.7	51.4
IV 3000	36.0	40.6	43.1	44.1	46.7	47.0	49.3	50.1	50.1	50.7	51.1	51.2	51.9	52.0	52.6	53.3
IV 2500	36.1	42.2	44.7	45.8	48.4	49.0	51.9	52.6	52.6	53.1	53.7	53.8	54.3	54.8	55.2	55.9
IV 2000	36.3	43.6	46.0	47.3	50.3	50.3	53.4	54.1	54.4	54.9	55.3	55.4	56.2	56.3	56.9	57.5
IV 1800	36.8	47.3	49.7	51.2	54.6	55.0	58.2	59.3	59.3	60.4	61.3	61.4	62.3	62.4	62.9	63.6
IV 1500	36.6	52.7	55.7	57.2	60.9	61.3	64.6	66.3	66.3	67.2	68.1	68.3	69.2	69.3	69.9	70.6
IV 1200	37.0	54.9	58.6	60.4	64.2	64.8	68.3	70.0	70.0	70.8	71.8	72.1	73.0	73.2	73.7	74.4
IV 1000	37.5	60.1	64.2	66.5	71.9	72.3	76.6	78.7	78.9	80.9	81.9	82.2	83.1	83.2	83.9	84.6
IV 900	37.3	60.2	64.4	66.8	72.3	72.8	77.0	79.3	79.4	81.5	82.4	82.7	83.8	83.9	84.3	85.3
IV 800	37.9	62.2	67.2	69.3	73.3	73.9	80.7	83.7	83.8	86.9	88.0	88.3	89.3	89.6	90.0	91.4
IV 700	38.3	64.6	69.1	71.4	76.4	76.8	82.0	85.1	85.3	88.6	89.8	90.1	91.4	91.6	92.2	93.3
IV 600	38.1	64.2	68.8	71.3	77.7	78.1	83.4	86.6	86.8	90.7	92.0	92.2	94.0	94.3	95.2	96.0
IV 500	38.4	64.4	69.1	71.5	77.9	78.3	83.9	87.2	87.3	91.4	92.6	92.9	95.1	95.4	96.3	97.1
IV 400	38.3	64.6	69.3	71.9	78.3	78.7	84.3	88.0	88.1	92.3	93.7	94.0	96.3	96.7	97.8	98.6
IV 300	38.3	64.6	69.3	71.9	78.3	78.7	84.3	88.0	88.1	92.3	93.7	94.0	96.3	96.7	97.8	98.6
IV 200	38.3	64.6	69.3	71.9	78.3	78.7	84.3	88.0	88.1	92.3	93.7	94.0	96.3	96.7	97.8	98.6
IV 100	38.3	64.6	69.3	71.9	78.3	78.7	84.3	88.0	88.1	92.3	93.7	94.0	96.3	96.7	97.8	98.6
IV 0	38.3	64.6	69.3	71.9	78.3	78.7	84.3	88.0	88.1	92.3	93.7	94.0	96.3	96.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

734

DATA PROCESSING DIVISION
USAF ETAC
WRIGHT PATTENSON AIR FORCE BASE

CEILING VERSUS VISIBILITY

1/4001 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
STATION

27-66

YEARS

01

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	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING	20.4	38.4	31.7	33.0	34.3	34.5	35.0	35.7	35.7	36.2	36.9	36.9	37.3	37.3	37.0
≥ 20000	27.4	31.3	32.7	34.1	35.7	35.8	36.9	37.1	37.1	37.6	38.3	38.3	38.8	38.8	37.1
IV 18000	28.1	32.0	33.4	34.7	36.5	36.6	37.2	38.0	38.0	38.6	39.2	39.2	39.8	39.8	40.1
IV 16000	28.1	32.0	33.4	34.7	36.5	36.6	37.2	38.0	38.0	38.6	39.2	39.2	39.8	39.8	40.1
IV 14000	28.9	33.1	34.5	35.8	37.0	37.7	38.1	39.2	39.2	40.1	40.7	40.7	41.6	41.6	42.0
IV 12000	29.2	33.3	34.9	36.2	38.0	38.1	39.0	39.2	39.2	40.6	41.3	41.3	42.1	42.1	42.5
IV 10000	30.0	34.6	36.0	37.3	39.2	39.4	40.2	41.0	41.0	41.8	42.5	42.5	43.5	43.5	43.7
IV 9000	30.2	34.9	36.2	37.9	39.8	39.9	41.4	41.6	41.6	42.4	43.1	43.1	44.0	44.0	44.4
IV 8000	31.0	35.5	36.4	40.1	42.2	42.4	44.0	44.1	44.1	45.0	45.6	45.6	46.7	46.7	47.1
IV 7000	32.7	38.1	40.2	41.8	44.1	44.3	46.0	46.2	46.2	47.1	48.1	48.1	49.0	49.0	49.5
IV 6000	33.1	38.6	40.6	42.7	44.6	44.7	46.5	46.5	46.6	47.8	48.5	48.5	49.7	49.7	50.1
IV 5000	33.9	39.6	41.7	43.3	45.6	45.8	47.5	47.7	47.7	49.0	50.0	50.0	51.0	51.0	51.4
IV 4500	34.3	40.1	42.1	43.7	46.0	46.2	48.0	48.1	48.1	49.5	50.4	50.4	51.4	51.4	51.8
IV 4000	35.0	40.9	42.9	44.5	46.9	47.0	48.9	49.0	49.0	50.4	51.4	51.4	52.3	52.3	52.7
IV 3500	35.1	41.0	43.2	44.8	47.3	47.4	49.3	49.5	49.5	50.8	51.8	51.8	52.7	52.7	53.1
IV 3000	36.1	42.4	44.0	46.2	48.6	48.9	50.8	51.1	51.2	52.6	53.5	53.5	54.5	54.5	54.9
IV 2500	37.9	44.3	46.6	48.2	51.2	51.4	53.5	54.0	54.1	55.4	56.4	56.4	57.4	57.4	57.8
IV 2000	41.4	48.9	51.4	53.3	56.7	56.8	59.7	60.2	60.4	62.4	63.5	63.5	64.4	64.4	65.4
IV 1800	41.7	49.5	52.0	54.0	57.5	57.6	60.5	61.0	61.2	63.2	64.3	64.3	65.3	65.3	66.3
IV 1500	44.0	53.3	56.7	59.1	62.9	62.9	66.2	67.0	67.2	69.5	70.6	70.7	71.8	71.8	72.9
IV 1200	46.5	58.4	62.7	62.3	66.5	66.8	70.3	71.7	71.8	74.1	75.2	75.4	76.4	76.4	77.5
IV 1000	49.9	60.0	64.4	67.7	72.3	72.9	77.1	79.3	79.4	82.3	83.4	83.5	84.7	84.9	85.6
IV 900	50.0	60.9	64.6	67.3	72.5	73.0	77.4	79.6	79.7	82.6	83.7	83.8	85.0	85.3	86.4
IV 800	51.1	62.5	66.6	69.3	74.9	75.5	80.2	82.8	83.0	86.1	87.5	87.6	89.0	89.2	90.3
IV 700	51.6	63.4	67.0	70.3	75.9	76.4	81.5	84.1	84.2	87.3	88.8	89.0	90.5	90.7	91.8
IV 600	51.9	63.6	68.0	70.7	76.4	77.0	82.0	84.7	85.0	88.3	89.8	89.9	92.0	92.6	93.7
IV 500	52.0	63.9	68.1	70.8	76.6	77.1	82.3	85.0	85.3	88.8	90.6	91.0	93.3	94.0	95.1
IV 400	52.0	64.2	68.4	71.1	77.0	77.5	82.7	85.4	85.7	89.2	91.0	91.4	94.1	94.8	95.9
IV 300	52.3	64.4	68.8	71.5	77.4	77.9	83.1	86.0	86.2	89.9	91.7	92.2	95.1	95.8	97.1
IV 200	52.3	64.4	68.9	71.8	77.6	78.3	83.5	86.5	86.8	90.5	92.4	92.9	95.8	96.6	98.2
IV 100	52.3	64.4	68.9	71.8	77.8	78.3	83.5	86.5	86.8	90.5	92.4	92.9	95.8	96.6	98.2
IV 0	52.3	64.4	68.9	71.8	77.8	78.3	83.5	86.5	86.8	90.5	92.4	92.9	95.8	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 754

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

17901

RESOLUTE - 1 OCT API

57-66

CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	20.1	21.7	32.4	33.1	34.1	34.2	34.7	34.9	34.9	36.1	36.6	36.6	36.6	36.6	37.1	37.2
≥ 22000	20.2	22.2	32.5	33.5	34.0	34.7	35.4	35.6	35.6	36.8	37.3	37.3	37.3	37.3	37.9	38.4
≥ 18000	22.0	23.1	33.0	34.6	35.7	35.8	36.5	36.6	36.6	38.0	38.6	38.6	38.6	38.6	39.5	39.6
≥ 16000	24.0	25.1	33.0	34.6	35.7	35.8	36.5	36.6	36.6	38.0	38.6	38.6	38.6	38.6	39.5	39.6
≥ 14000	20.0	20.5	33.1	36.1	37.3	37.5	38.1	38.3	38.3	39.6	40.2	40.2	40.2	40.2	41.3	41.4
≥ 12000	20.2	25.1	30.0	30.9	34.1	34.3	34.0	39.1	39.1	40.5	41.0	41.0	41.6	41.7	42.1	42.4
≥ 10000	21.3	25.2	37.1	38.0	39.2	39.4	40.5	40.6	40.7	42.1	42.6	42.6	43.2	43.3	43.7	44.0
≥ 9000	22.3	27.2	30.1	39.1	40.5	40.7	42.1	42.4	42.5	43.9	44.4	44.4	45.0	45.1	45.5	45.9
≥ 8000	23.7	28.6	39.6	41.0	42.4	42.6	44.0	44.3	44.4	45.9	46.5	46.6	47.1	47.3	47.7	48.0
≥ 7000	25.4	40.5	42.0	43.6	45.1	45.4	46.7	47.0	47.1	48.6	49.5	49.5	50.0	50.1	50.5	50.8
≥ 6000	26.2	41.8	42.9	44.7	46.2	46.5	47.8	48.1	48.2	49.9	50.7	50.7	51.2	51.4	51.5	52.0
≥ 5000	26.2	42.0	43.1	44.0	46.7	47.0	48.5	48.8	48.9	50.5	51.4	51.4	51.9	52.0	52.3	52.7
≥ 4500	26.5	42.2	43.3	45.1	47.0	47.3	48.6	49.0	49.2	50.8	51.6	51.6	52.2	52.3	52.7	53.0
≥ 4000	26.9	42.9	44.1	45.9	47.5	48.1	49.0	50.0	50.1	51.3	52.6	52.6	53.3	53.4	53.6	54.1
≥ 3500	27.5	43.5	44.7	46.5	48.4	48.6	50.1	50.5	50.7	52.3	53.1	53.1	53.8	54.0	54.4	54.6
≥ 3000	28.7	44.8	46.0	47.8	49.7	50.0	51.5	51.9	52.0	53.8	54.6	54.6	55.4	55.6	56.0	56.3
≥ 2500	29.1	47.3	48.6	50.4	52.5	52.7	54.2	54.6	54.8	56.5	57.4	57.4	58.2	58.3	58.7	59.0
≥ 2000	29.7	50.7	52.5	54.5	56.6	57.1	58.7	59.4	59.5	61.3	62.1	62.1	62.9	63.1	63.0	63.9
≥ 1800	29.7	51.5	53.3	55.3	57.8	58.0	59.7	60.4	60.5	62.3	63.1	63.1	63.9	64.0	64.6	64.9
≥ 1500	29.7	52.7	57.9	60.4	63.1	63.4	65.1	66.1	66.2	68.3	69.1	69.1	70.2	70.3	71.1	71.4
≥ 1200	29.7	59.1	61.3	64.0	67.0	67.3	69.8	71.3	71.5	73.7	74.5	74.5	75.6	75.7	76.0	76.8
≥ 1000	29.0	65.5	66.1	68.8	72.1	72.3	75.7	77.5	77.5	81.2	82.0	82.0	83.2	83.5	84.5	84.6
≥ 900	29.1	69.0	67.6	70.3	73.6	73.8	77.2	79.0	79.6	82.7	83.5	83.5	84.7	85.1	86.0	86.2
≥ 800	29.4	69.5	69.3	72.1	75.5	75.7	79.4	81.3	81.9	85.3	86.4	86.4	88.0	88.4	89.4	89.6
≥ 700	29.4	69.5	69.3	72.1	75.5	75.7	79.4	81.3	81.9	85.3	86.4	86.4	88.0	88.4	89.4	89.6
≥ 600	29.0	66.6	67.6	72.3	76.0	76.3	80.2	82.4	83.0	87.1	88.6	88.6	90.6	91.0	92.0	92.2
≥ 500	29.2	67.3	70.3	73.7	76.8	77.1	81.1	83.2	83.8	88.3	90.2	90.3	93.2	93.7	94.0	95.1
≥ 400	29.3	67.7	70.7	73.6	77.2	77.5	81.5	83.7	84.2	88.8	90.7	90.9	94.0	94.7	95.0	95.0
≥ 300	29.3	67.7	70.7	73.6	77.4	77.7	81.5	83.8	84.3	89.1	91.0	91.1	94.4	95.1	96.3	97.3
≥ 200	29.3	67.7	70.7	73.6	77.4	77.7	81.5	83.8	84.3	89.4	91.6	91.7	95.1	95.8	97.3	98.9
≥ 100	29.3	67.7	70.7	73.6	77.4	77.7	81.5	83.8	84.3	89.4	91.6	91.7	95.2	95.9	97.4	99.0
≥ 0	29.3	67.7	70.7	73.6	77.4	77.7	81.5	83.8	84.3	89.4	91.6	91.7	95.3	96.2	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

734

DATA PREPARED BY: [illegible]
 DATE: [illegible]
 LOCATION: [illegible]

CEILING VERSUS VISIBILITY

17701 STATION NAME: [illegible]

27-66

01

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1,000-2000
HOURS (EST.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	30.7	30.9	31.9	33.1	34.7	34.2	34.7	35.3	35.3	36.2	36.5	36.5	37.1	37.1	37.2	37.3
IV 20000	30.7	30.9	32.0	33.7	34.3	34.3	34.7	35.4	35.4	36.4	36.6	36.6	37.3	37.3	37.4	37.7
IV 18000	27.2	31.5	32.0	33.5	34.7	34.9	35.8	36.0	36.0	36.9	37.2	37.3	38.0	38.0	38.1	38.3
IV 16000	27.2	31.5	32.0	33.8	34.7	34.7	35.4	36.0	36.0	36.9	37.2	37.3	38.0	38.0	38.1	38.3
IV 14000	27.4	31.5	32.7	33.9	35.0	35.0	35.9	36.1	36.1	37.1	37.3	37.5	38.1	38.1	38.3	38.4
IV 12000	27.5	31.9	33.0	34.2	35.3	35.3	35.9	36.4	36.4	37.3	37.6	37.7	38.4	38.4	38.7	38.7
IV 10000	28.3	32.8	34.1	35.4	36.6	36.6	37.2	37.7	37.7	38.7	39.0	39.1	39.8	39.8	39.9	40.1
IV 9000	28.7	33.4	34.7	36.1	37.3	37.3	38.0	38.6	38.6	39.5	39.8	39.9	40.6	40.6	40.7	40.9
IV 8000	30.7	35.3	36.6	38.1	39.5	39.5	40.2	40.7	40.9	41.8	42.1	42.2	42.9	42.9	43.1	43.2
IV 7000	33.4	38.0	39.5	41.1	42.5	42.5	43.3	44.1	44.1	45.1	45.4	45.5	46.2	46.2	46.3	46.5
IV 6000	34.3	39.1	40.7	42.5	44.0	44.0	44.9	45.5	45.5	46.5	46.7	46.7	47.5	47.5	47.7	47.8
IV 5000	34.7	39.5	41.3	43.2	44.7	44.7	45.5	46.2	46.2	47.1	47.4	47.5	48.2	48.2	48.4	48.5
IV 4500	34.7	39.5	41.3	43.2	44.7	44.7	45.5	46.2	46.2	47.1	47.4	47.5	48.2	48.2	48.4	48.5
IV 4000	35.0	40.4	42.3	44.4	45.9	45.9	46.7	47.3	47.3	48.3	48.6	48.9	49.6	49.6	49.7	49.9
IV 3500	35.4	41.4	43.3	45.5	47.0	47.0	47.8	48.5	48.5	49.6	49.9	50.0	50.7	50.7	50.9	51.0
IV 3000	37.2	43.7	46.2	48.5	50.3	50.3	51.2	52.0	52.0	53.0	53.3	53.4	54.1	54.1	54.2	54.4
IV 2500	39.2	45.6	48.8	51.1	52.9	52.9	53.8	54.6	54.6	55.6	55.9	56.8	56.7	56.7	56.8	56.9
IV 2000	40.7	48.9	52.0	54.5	56.5	56.7	57.1	58.0	58.0	59.0	59.3	59.9	60.6	60.6	60.9	61.4
IV 1800	40.7	48.9	52.0	54.5	56.5	56.7	57.1	58.0	58.0	59.0	59.3	59.9	60.6	60.6	61.3	61.4
IV 1500	44.0	53.4	57.1	60.2	63.1	63.2	64.2	65.3	65.3	66.2	66.5	66.6	68.3	68.3	68.5	68.7
IV 1200	45.3	55.6	60.2	63.5	66.9	67.0	68.3	69.3	69.3	70.6	70.8	71.5	72.8	72.8	73.2	73.3
IV 1000	49.0	61.7	68.3	70.2	74.3	74.2	76.9	78.1	78.1	80.1	80.5	80.7	82.7	82.8	83.2	83.4
IV 900	49.0	62.3	67.0	70.8	75.3	75.0	77.8	79.0	79.0	81.1	81.5	81.6	83.7	83.9	84.3	84.5
IV 800	51.2	64.7	67.8	73.6	78.3	79.0	80.9	82.4	82.4	84.5	84.9	85.1	87.5	87.7	88.1	88.3
IV 700	51.5	65.3	70.4	74.5	79.2	79.7	81.6	83.1	83.1	85.3	85.7	86.0	88.3	88.6	89.0	89.1
IV 600	52.0	65.8	71.0	75.1	79.8	80.4	82.0	84.3	84.3	86.9	87.5	87.5	90.3	90.6	91.1	91.3
IV 500	52.7	66.8	71.9	76.0	80.9	81.5	83.7	85.8	85.8	88.3	89.1	89.4	92.6	93.1	93.0	93.7
IV 400	52.9	66.9	72.1	76.2	81.1	81.6	83.9	85.8	85.8	88.6	89.0	90.1	93.8	94.0	94.0	94.7
IV 300	53.1	67.4	72.6	76.7	81.9	82.4	84.9	86.8	86.8	89.6	91.0	91.3	95.4	95.8	97.1	97.5
IV 200	53.1	67.4	72.6	76.7	81.9	82.4	84.9	86.8	86.8	89.6	91.1	91.4	95.5	95.9	97.4	98.0
IV 100	53.1	67.4	72.6	76.8	82.0	82.6	85.0	86.9	86.9	89.8	91.3	91.6	95.8	96.2	97.7	98.2
IV 0	53.1	67.4	72.6	76.8	82.0	82.6	85.0	86.9	86.9	89.8	91.3	91.6	95.9	96.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 754

NAV PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/DAC

CEILING VERSUS VISIBILITY

STATION NAME
STATION

37-66

YEARS

CT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING	34.8	33.1	34.7	35.3	36.2	36.2	37.3	37.6	37.6	39.1	39.2	39.2	39.2	39.2	39.2	39.2
≥ 20000	34.8	34.1	34.7	35.3	36.4	36.4	37.5	37.7	37.7	39.2	39.4	39.4	39.4	39.4	39.4	40.1
IV 18000	30.2	33.5	35.1	35.7	36.4	36.4	37.2	38.1	38.1	39.8	39.9	39.9	40.5	40.5	40.5	40.6
IV 16000	30.4	33.7	35.3	35.7	36.4	36.4	37.0	38.3	38.3	39.9	40.1	40.1	40.6	40.6	40.6	40.7
IV 14000	30.4	33.7	35.4	36.0	37.1	37.1	38.1	38.4	38.4	40.1	40.2	40.2	40.7	40.7	40.7	40.9
IV 12000	30.4	33.7	35.4	36.0	37.1	37.1	38.1	38.4	38.4	40.1	40.2	40.2	40.7	40.7	40.7	40.9
IV 10000	30.4	34.3	36.2	36.8	37.9	37.9	39.0	39.2	39.2	40.9	41.0	41.0	41.6	41.6	41.6	41.7
IV 9000	31.2	34.9	36.9	37.5	38.6	38.6	39.6	40.1	40.1	41.7	41.8	41.8	42.4	42.4	42.4	42.5
IV 8000	33.4	37.1	39.1	39.6	40.7	40.7	42.0	42.4	42.4	44.1	44.3	44.3	44.8	44.8	44.8	45.0
IV 7000	34.7	38.4	40.6	41.1	42.2	42.2	43.5	43.9	43.9	45.6	45.8	45.8	46.3	46.3	46.3	46.5
IV 6000	35.4	39.2	41.4	42.0	43.1	43.1	44.3	44.7	44.7	46.5	46.6	46.6	47.1	47.1	47.1	47.3
IV 5000	35.0	40.1	42.4	42.9	44.0	44.0	45.2	45.6	45.6	47.4	47.5	47.5	48.1	48.1	48.1	48.2
IV 4500	36.2	40.6	42.9	43.5	44.7	44.7	45.9	46.3	46.3	48.1	48.2	48.2	48.8	48.8	48.8	48.9
IV 4000	36.0	41.0	43.3	43.8	45.0	45.0	46.2	46.6	46.6	48.4	48.5	48.5	49.1	49.1	49.1	49.2
IV 3500	37.2	41.7	44.3	45.0	46.3	46.3	47.5	47.9	47.9	49.7	49.8	49.8	50.4	50.4	50.4	50.5
IV 3000	39.1	44.1	46.9	47.4	48.9	48.9	50.0	50.5	50.5	52.3	52.4	52.4	53.0	53.0	53.0	53.1
IV 2500	41.3	47.4	50.4	51.0	52.5	52.5	53.6	54.1	54.1	55.9	56.0	56.0	56.6	56.6	56.6	56.7
IV 2000	44.7	51.0	55.2	56.5	58.7	58.7	60.0	60.4	60.4	62.2	62.3	62.3	63.0	63.0	63.0	63.1
IV 1800	55.2	53.6	55.3	57.6	61.0	61.2	62.9	63.9	63.9	66.3	66.5	66.5	67.0	67.0	67.0	67.2
IV 1500	60.1	56.9	60.9	62.7	66.6	67.0	68.8	69.8	69.8	72.6	72.9	72.9	73.7	73.8	73.8	74.0
IV 1200	69.3	57.3	63.0	65.8	69.9	70.3	72.1	73.0	73.0	76.0	76.4	76.4	77.2	77.4	77.4	77.5
IV 1000	72.0	64.3	69.1	72.3	76.4	77.0	79.3	80.4	80.4	83.9	84.5	84.5	85.6	85.7	85.6	86.0
IV 900	73.3	65.5	70.0	73.3	77.4	77.9	80.4	81.5	81.5	85.0	85.6	85.6	86.6	86.8	86.8	87.1
IV 800	74.2	67.0	72.1	75.9	79.8	80.4	83.0	84.1	84.1	87.6	88.1	88.1	89.4	89.5	89.5	89.8
IV 700	74.6	67.6	72.6	76.2	80.5	81.1	83.7	84.7	84.7	88.4	89.0	89.0	90.6	90.7	90.7	91.0
IV 600	74.9	68.3	73.3	76.8	81.3	81.9	84.6	85.7	85.7	89.6	90.2	90.2	91.8	92.1	92.2	92.4
IV 500	75.2	69.1	74.3	77.1	83.2	83.8	86.6	87.7	87.7	91.7	92.4	92.4	94.0	94.1	94.2	94.4
IV 400	75.2	69.1	74.3	77.1	83.2	83.8	86.6	87.7	87.7	91.7	92.4	92.4	94.0	94.1	94.2	94.4
IV 300	75.2	69.1	74.3	77.1	83.2	83.8	86.6	87.7	87.7	91.7	92.4	92.4	94.0	94.1	94.2	94.4
IV 200	75.2	69.1	74.3	77.1	83.2	83.8	86.6	87.7	87.7	91.7	92.4	92.4	94.0	94.1	94.2	94.4
IV 100	75.2	69.1	74.3	77.1	83.2	83.8	86.6	87.7	87.7	91.7	92.4	92.4	94.0	94.1	94.2	94.4
IV 0	75.2	69.1	74.3	77.1	83.2	83.8	86.6	87.7	87.7	91.7	92.4	92.4	94.0	94.1	94.2	94.4

TOTAL NUMBER OF OBSERVATIONS

734

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

CEILING VERSUS VISIBILITY

175-1
 STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
UNLIMITED	60.3	54.2	50.0	47.5	40.1	30.3	20.4	12.6	6.2	3.5	2.4	1.7	1.0	.6	.7	66.1
≥ 2000	60.3	54.2	50.0	47.5	40.1	30.3	20.4	12.6	6.2	3.5	2.4	1.7	1.0	.6	.7	66.1
18000	60.3	54.4	50.3	47.1	40.7	30.6	20.2	12.3	6.3	3.3	2.4	1.6	1.0	.6	.4	66.8
16000	60.3	54.6	50.5	47.1	40.7	30.8	20.2	12.3	6.3	3.3	2.4	1.6	1.0	.6	.4	66.8
14000	60.3	54.4	50.4	47.3	41.0	31.1	20.2	12.3	6.3	3.6	2.4	1.6	1.0	.6	.7	67.1
12000	60.3	54.4	50.4	47.3	41.0	31.1	20.2	12.3	6.3	3.6	2.4	1.6	1.0	.6	.7	67.1
10000	60.9	55.1	57.4	50.4	42.1	32.2	20.2	12.3	6.3	3.6	2.4	1.6	1.0	.6	.7	68.3
9000	60.9	55.7	57.9	50.0	42.6	32.2	20.2	12.3	6.3	3.6	2.4	1.6	1.0	.6	.7	68.3
8000	60.0	57.4	60.1	62.7	63.7	66.3	60.3	60.9	60.9	70.1	70.7	70.7	72.4	72.5	72.9	72.9
7000	60.0	60.1	61.3	64.2	67.0	68.0	70.7	71.3	71.3	72.3	73.1	73.1	74.7	74.9	75.3	75.3
6000	61.1	60.5	61.6	64.7	66.2	69.2	71.9	71.9	71.9	73.2	73.8	73.8	75.6	75.7	76.1	76.1
5000	61.4	60.7	62.2	65.3	68.6	69.7	71.9	72.5	72.5	73.8	74.3	74.3	76.3	76.4	76.6	76.6
4500	61.4	60.7	62.5	65.6	69.0	70.6	72.2	72.5	72.5	73.8	74.6	74.6	75.5	76.7	77.1	77.1
4000	61.4	60.7	63.3	66.5	70.0	71.0	73.2	73.8	73.8	75.0	75.0	75.0	77.5	77.6	78.1	78.1
3500	61.4	60.7	63.7	66.8	70.4	71.4	73.6	74.2	74.2	75.4	76.0	76.0	77.9	78.1	78.3	78.3
3000	61.0	61.4	63.3	68.5	72.2	73.3	75.0	76.3	76.3	77.6	78.2	78.2	80.3	80.4	80.8	80.8
2500	61.2	63.1	67.4	71.6	74.3	75.4	77.0	78.3	78.3	79.7	80.3	80.3	82.4	82.5	82.9	82.9
2000	65.0	66.3	70.0	74.0	77.2	79.0	81.9	81.9	81.9	83.3	83.9	83.9	86.0	86.1	86.5	86.5
1800	65.3	67.1	71.7	74.9	78.8	79.9	82.1	82.8	82.8	84.2	84.7	84.7	86.8	86.9	87.4	87.4
1500	66.0	69.0	74.2	77.8	81.9	83.3	85.0	86.3	86.3	87.8	88.3	88.3	90.0	90.7	91.1	91.1
1200	67.1	70.4	75.3	79.2	83.3	84.7	86.9	87.6	87.6	89.2	89.9	89.9	91.9	92.1	92.5	92.5
1000	66.3	74.6	80.3	83.9	88.3	89.7	91.9	92.0	92.6	94.3	95.0	95.0	97.1	97.2	97.6	97.6
900	66.3	74.9	80.6	84.7	88.6	90.0	92.2	92.9	92.9	94.6	95.3	95.3	97.4	97.5	97.9	97.9
800	66.3	74.9	80.7	84.3	88.9	90.3	92.6	93.3	93.3	95.0	95.7	95.7	97.8	97.9	98.3	98.3
700	66.3	75.0	80.8	84.4	89.0	90.4	92.8	93.5	93.5	95.3	96.0	96.0	98.1	98.2	98.6	98.6
600	66.3	75.0	80.8	84.4	89.0	90.4	92.8	93.5	93.5	95.3	96.0	96.0	98.1	98.2	98.6	98.6
500	66.3	75.0	81.0	84.5	89.4	90.8	93.2	93.9	93.9	95.7	96.4	96.4	98.5	98.6	99.0	99.0
400	66.3	75.0	81.0	84.6	89.4	90.8	93.2	93.9	93.9	95.7	96.4	96.4	98.5	98.6	99.0	99.0
300	66.3	75.0	81.0	84.6	89.4	91.0	93.3	94.0	94.0	95.8	96.7	96.7	98.8	98.9	99.3	99.3
200	66.3	75.0	81.0	84.6	89.4	91.0	93.3	94.0	94.0	95.8	96.7	96.7	98.8	98.9	99.3	99.3
100	66.3	75.0	81.0	84.6	89.4	91.0	93.3	94.0	94.0	95.8	96.7	96.7	98.8	98.9	99.3	99.3
0	66.3	75.0	81.0	84.6	89.4	91.0	93.3	94.0	94.0	95.8	96.7	96.7	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

720

CEILING VERSUS VISIBILITY

STATION	STATION NAME
STATION	STATION NAME

57-65

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
HOURS: 11:51

CEILING FEET		VISIBILITY STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
N 25000	11.0	20.1	50.5	60.5	62.5	62.5	64.0	64.9	64.9	65.7	66.1	66.3	66.3	67.5	67.5	68.5	68.5
	11.0	20.1	50.5	60.5	62.5	62.5	64.0	64.9	64.9	65.7	66.1	66.3	66.3	67.5	67.5	68.5	68.5
18000 16000	11.0	20.1	50.5	60.5	62.5	62.5	64.0	64.9	65.0	65.1	65.3	65.7	66.7	66.7	67.2	68.0	68.5
	11.0	20.1	50.5	60.5	62.5	62.5	64.0	64.9	65.0	65.1	65.3	65.7	66.7	66.7	67.2	68.0	68.5
14000 12000	11.1	20.3	50.6	60.6	62.6	62.6	64.1	65.1	65.1	65.3	65.7	66.7	66.7	67.3	68.3	68.5	68.9
	11.1	20.3	50.6	60.6	62.6	62.6	64.1	65.1	65.1	65.3	65.7	66.7	66.7	67.3	68.3	68.5	68.9
10000 9000	11.3	20.4	50.8	60.7	62.9	62.9	65.1	65.4	65.4	65.5	65.9	67.1	67.1	67.6	68.6	69.2	69.5
	11.7	20.9	51.3	61.3	63.0	63.0	65.0	66.4	66.4	67.5	67.9	68.1	68.6	69.6	70.1	70.1	70.1
8000 7000	12.0	20.8	61.4	63.7	66.5	66.5	68.0	69.0	69.4	69.4	70.7	71.1	71.3	72.0	72.8	73.3	73.5
	12.2	21.3	62.6	65.5	68.0	68.0	71.0	71.9	71.9	73.3	73.5	73.9	75.4	75.4	76.0	76.0	76.0
6000 5000	13.5	24.9	63.5	66.4	69.7	70.1	72.0	73.2	73.2	74.7	75.1	75.3	76.9	77.1	77.6	77.6	77.6
	13.5	24.9	63.5	66.4	69.7	70.1	72.0	73.2	73.2	74.7	75.1	75.3	76.9	77.1	77.6	77.6	77.6
4500 4000	13.0	20.1	63.6	66.7	70.3	70.6	73.2	73.6	73.6	75.1	75.6	75.7	77.4	77.4	78.1	78.1	78.1
	13.0	21.4	63.5	66.2	71.7	72.2	74.2	75.3	75.3	76.8	77.2	77.4	79.0	79.2	79.7	79.7	79.7
3500 3000	13.1	21.9	65.3	68.6	72.5	72.8	75.4	75.8	75.8	77.4	77.8	77.9	79.6	79.7	80.3	80.3	80.3
	13.7	22.5	66.4	69.3	73.1	73.5	76.5	76.7	76.7	78.5	78.9	79.0	80.7	80.8	81.4	81.4	81.4
2500 2000	13.4	23.6	66.1	71.8	75.3	75.8	78.8	79.2	79.2	81.0	81.4	81.5	83.3	83.5	84.0	84.0	84.0
	17.9	26.5	71.3	74.4	79.3	79.9	82.0	83.2	83.2	85.0	85.4	85.6	87.4	87.5	88.2	88.2	88.2
1800 1500	17.9	26.7	71.8	75.0	79.9	80.4	83.3	83.8	83.8	85.6	86.0	86.1	87.9	88.1	88.6	88.6	88.6
	17.9	26.7	74.5	77.6	82.5	83.5	86.5	86.9	86.9	88.8	89.2	89.3	91.3	91.5	92.5	92.5	92.5
1200 1000	18.0	27.4	76.1	79.6	84.0	84.6	86.0	89.0	89.0	90.8	91.3	91.4	93.3	93.6	94.6	94.6	94.6
	18.0	27.4	77.7	83.2	88.3	89.3	92.0	92.8	92.8	94.6	95.0	95.1	97.1	97.4	98.3	98.3	98.3
900 800	18.0	27.4	77.7	83.2	88.3	89.3	92.0	92.8	92.8	94.6	95.0	95.1	97.1	97.4	98.3	98.3	98.3
	11.6	21.7	72.7	83.2	88.3	89.4	92.0	93.1	93.1	94.9	95.3	95.4	97.3	97.8	98.0	98.0	98.0
700 600	1.0	13.3	79.9	83.3	88.0	89.6	92.0	93.2	93.2	95.1	95.6	95.7	97.8	98.1	99.0	99.0	99.0
	1.0	13.3	77.9	83.3	88.0	89.6	92.0	93.2	93.2	95.1	95.6	95.7	97.8	98.1	99.0	99.0	99.0
500 400	1.0	13.5	80.0	83.5	88.9	89.9	93.1	93.5	93.5	95.4	95.9	96.0	98.1	98.3	99.3	99.3	99.3
	1.0	13.5	80.0	83.5	88.9	89.9	93.1	93.5	93.5	95.4	95.9	96.0	98.1	98.3	99.3	99.3	99.3
300 200	1.0	13.5	80.0	83.5	88.9	89.9	93.1	93.5	93.5	95.4	95.9	96.0	98.1	98.3	99.3	99.3	99.3
	1.0	13.5	80.0	83.5	88.9	89.9	93.1	93.5	93.5	95.4	95.9	96.0	98.1	98.3	99.3	99.3	99.3
100 0	1.0	13.5	80.0	83.5	88.9	89.9	93.1	93.5	93.5	95.4	95.9	96.0	98.1	98.3	99.3	99.3	99.3
	1.0	13.5	80.0	83.5	88.9	89.9	93.1	93.5	93.5	95.4	95.9	96.0	98.1	98.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

760

57-60

STATION NAME

YEAR

MOBIL

0,00-0:00

VISIBILITY STATUTE MILES

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE UNIVERSITY OF CHICAGO
CHICAGO, ILL.
THE UNIVERSITY OF CHICAGO PRESS

CEILING VERSUS VISIBILITY

1951 100 100 100 100

57-46

1

YEAR

MONITORING

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7900-1100

WIND VELOCITY FEET		VISIBILITY STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
WIND	20000	50.7	51.0	51.3	51.6	51.9	52.2	52.5	52.8	53.1	53.4	53.7	54.0	54.3	54.6	54.9	55.2
IV	18000	50.5	50.8	51.1	51.4	51.7	52.0	52.3	52.6	52.9	53.2	53.5	53.8	54.1	54.4	54.7	55.0
IV	16000	50.3	50.6	50.9	51.2	51.5	51.8	52.1	52.4	52.7	53.0	53.3	53.6	53.9	54.2	54.5	54.8
IV	14000	50.1	50.4	50.7	51.0	51.3	51.6	51.9	52.2	52.5	52.8	53.1	53.4	53.7	54.0	54.3	54.6
IV	12000	49.9	50.2	50.5	50.8	51.1	51.4	51.7	52.0	52.3	52.6	52.9	53.2	53.5	53.8	54.1	54.4
IV	10000	49.7	50.0	50.3	50.6	50.9	51.2	51.5	51.8	52.1	52.4	52.7	53.0	53.3	53.6	53.9	54.2
IV	9000	49.5	49.8	50.1	50.4	50.7	51.0	51.3	51.6	51.9	52.2	52.5	52.8	53.1	53.4	53.7	54.0
IV	8000	49.3	49.6	49.9	50.2	50.5	50.8	51.1	51.4	51.7	52.0	52.3	52.6	52.9	53.2	53.5	53.8
IV	7000	49.1	49.4	49.7	50.0	50.3	50.6	50.9	51.2	51.5	51.8	52.1	52.4	52.7	53.0	53.3	53.6
IV	6000	48.9	49.2	49.5	49.8	50.1	50.4	50.7	51.0	51.3	51.6	51.9	52.2	52.5	52.8	53.1	53.4
IV	5000	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8	51.1	51.4	51.7	52.0	52.3	52.6	52.9	53.2
IV	4500	48.5	48.8	49.1	49.4	49.7	50.0	50.3	50.6	50.9	51.2	51.5	51.8	52.1	52.4	52.7	53.0
IV	4000	48.3	48.6	48.9	49.2	49.5	49.8	50.1	50.4	50.7	51.0	51.3	51.6	51.9	52.2	52.5	52.8
IV	3500	48.1	48.4	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8	51.1	51.4	51.7	52.0	52.3	52.6
IV	3000	47.9	48.2	48.5	48.8	49.1	49.4	49.7	50.0	50.3	50.6	50.9	51.2	51.5	51.8	52.1	52.4
IV	2500	47.7	48.0	48.3	48.6	48.9	49.2	49.5	49.8	50.1	50.4	50.7	51.0	51.3	51.6	51.9	52.2
IV	2000	47.5	47.8	48.1	48.4	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8	51.1	51.4	51.7	52.0
IV	1800	47.3	47.6	47.9	48.2	48.5	48.8	49.1	49.4	49.7	50.0	50.3	50.6	50.9	51.2	51.5	51.8
IV	1500	47.1	47.4	47.7	48.0	48.3	48.6	48.9	49.2	49.5	49.8	50.1	50.4	50.7	51.0	51.3	51.6
IV	1200	46.9	47.2	47.5	47.8	48.1	48.4	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8	51.1	51.4
IV	1000	46.7	47.0	47.3	47.6	47.9	48.2	48.5	48.8	49.1	49.4	49.7	50.0	50.3	50.6	50.9	51.2
IV	900	46.5	46.8	47.1	47.4	47.7	48.0	48.3	48.6	48.9	49.2	49.5	49.8	50.1	50.4	50.7	51.0
IV	800	46.3	46.6	46.9	47.2	47.5	47.8	48.1	48.4	48.7	49.0	49.3	49.6	49.9	50.2	50.5	50.8
IV	700	46.1	46.4	46.7	47.0	47.3	47.6	47.9	48.2	48.5	48.8	49.1	49.4	49.7	50.0	50.3	50.6
IV	600	45.9	46.2	46.5	46.8	47.1	47.4	47.7	48.0	48.3	48.6	48.9	49.2	49.5	49.8	50.1	50.4
IV	500	45.7	46.0	46.3	46.6	46.9	47.2	47.5	47.8	48.1	48.4	48.7	49.0	49.3	49.6	49.9	50.2
IV	400	45.5	45.8	46.1	46.4	46.7	47.0	47.3	47.6	47.9	48.2	48.5	48.8	49.1	49.4	49.7	50.0
IV	300	45.3	45.6	45.9	46.2	46.5	46.8	47.1	47.4	47.7	48.0	48.3	48.6	48.9	49.2	49.5	49.8
IV	200	45.1	45.4	45.7	46.0	46.3	46.6	46.9	47.2	47.5	47.8	48.1	48.4	48.7	49.0	49.3	49.6
IV	100	44.9	45.2	45.5	45.8	46.1	46.4	46.7	47.0	47.3	47.6	47.9	48.2	48.5	48.8	49.1	49.4
IV	0	44.7	45.0	45.3	45.6	45.9	46.2	46.5	46.8	47.1	47.4	47.7	48.0	48.3	48.6	48.9	100.0

TOTAL NUMBER OF OBSERVATIONS

725

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WFO PROCESSING DIVISION
SAR ETAL
AIR WEATHER SERVICE/400

CEILING VERSUS VISIBILITY

17901
STATION

RESOURCES UNIT DEPT
STATION NAME

57-65

YEARS

MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	43.3	50.3	51.3	54.7	50.1	56.3	57.4	57.8	57.0	58.3	56.8	58.4	58.4	58.4	60.0	60.0
IV 20000	44.2	50.3	52.4	55.4	50.6	55.9	58.1	58.6	58.6	59.2	59.6	59.4	60.0	60.0	61.1	61.1
IV 18000	44.9	51.0	53.3	56.4	57.5	57.9	59.0	59.5	59.6	60.1	60.6	60.6	61.3	61.3	62.1	62.1
IV 16000	44.9	51.0	53.3	56.5	57.4	58.1	59.2	59.7	59.7	60.3	60.7	60.7	61.7	61.7	62.4	62.4
IV 14000	45.3	52.2	53.8	56.7	58.3	58.5	59.8	60.1	60.1	60.7	61.1	61.1	62.1	62.1	62.9	62.9
IV 12000	45.3	52.2	53.8	56.9	58.3	58.5	59.8	60.1	60.1	60.7	61.1	61.1	62.1	62.1	62.9	62.9
IV 10000	45.0	52.0	54.4	57.0	59.0	59.2	60.4	61.0	61.0	61.8	62.2	62.2	63.2	63.2	63.9	63.9
IV 9000	45.0	52.2	54.7	57.7	59.2	59.4	60.7	61.3	61.3	62.1	62.5	62.5	63.4	63.4	64.2	64.2
IV 8000	48.0	54.2	55.0	59.3	60.0	61.1	62.2	63.4	63.6	64.7	65.1	65.1	66.3	66.3	66.9	66.9
IV 7000	48.1	56.3	58.1	61.7	63.2	63.5	65.2	66.0	66.0	67.6	68.1	68.1	69.3	69.3	70.1	70.1
IV 6000	48.2	58.8	58.6	62.2	63.3	64.5	65.8	66.5	66.5	68.2	68.6	68.6	69.9	69.9	70.1	70.1
IV 5000	48.2	57.8	59.7	63.3	64.9	65.1	66.7	67.6	67.6	69.4	69.9	69.9	71.1	71.1	71.9	71.9
IV 4500	48.9	57.8	59.7	63.3	64.9	65.1	66.7	67.6	67.6	69.4	69.9	69.9	71.1	71.1	71.9	71.9
IV 4000	49.4	58.3	60.3	63.9	65.6	65.8	67.0	68.3	68.3	70.1	70.6	70.6	71.8	71.8	72.0	72.0
IV 3500	50.1	59.0	61.0	64.6	66.3	66.5	68.3	69.0	69.0	70.9	71.3	71.3	72.5	72.5	73.3	73.3
IV 3000	51.3	60.7	62.0	66.3	68.2	68.5	70.3	71.0	71.0	73.3	73.8	73.8	75.0	75.0	75.8	75.8
IV 2500	52.5	62.4	65.6	68.3	70.7	71.0	72.7	73.8	73.8	76.1	76.5	76.5	77.8	77.8	78.0	78.0
IV 2000	53.9	64.9	67.2	71.4	74.0	74.3	76.7	77.4	77.4	80.0	80.6	80.6	81.8	81.8	82.9	82.9
IV 1800	54.2	65.1	67.5	71.7	74.3	74.6	77.1	77.8	77.8	80.4	81.0	81.0	82.2	82.2	83.1	83.1
IV 1500	55.7	67.5	71.0	73.6	76.3	76.6	81.3	82.1	82.1	84.9	85.4	85.4	86.8	86.8	87.9	87.9
IV 1200	56.0	68.5	71.5	76.3	79.2	79.4	82.1	82.7	82.7	85.7	86.3	86.3	87.6	87.6	88.8	88.8
IV 1000	57.0	71.0	74.4	79.6	83.0	84.2	87.4	88.2	88.2	91.7	92.2	92.2	94.3	94.3	95.4	95.4
IV 900	57.8	71.4	74.9	80.0	84.0	84.5	87.9	88.8	88.8	92.2	92.9	92.9	95.0	95.0	96.1	96.1
IV 800	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	98.1	98.1
IV 700	58.1	71.7	75.1	80.3	85.4	86.3	89.7	90.7	90.7	94.2	94.9	94.9	96.9	96.9	98.1	98.1
IV 600	58.1	71.8	75.3	80.4	85.5	86.5	90.1	91.0	91.0	94.4	95.1	95.1	97.2	97.2	98.3	98.3
IV 500	58.1	71.8	75.3	80.4	85.5	86.5	90.1	91.0	91.0	94.4	95.1	95.1	97.2	97.2	98.3	98.3
IV 400	58.1	71.8	75.3	80.4	85.5	86.5	90.1	91.0	91.0	94.4	95.1	95.1	97.2	97.2	98.3	98.3
IV 300	58.1	71.8	75.3	80.4	85.5	86.5	90.1	91.0	91.0	94.4	95.1	95.1	97.2	97.2	98.3	98.3
IV 200	58.1	71.8	75.3	80.4	85.5	86.5	90.1	91.0	91.0	94.4	95.1	95.1	97.2	97.2	98.3	98.3
IV 100	58.1	71.8	75.3	80.4	85.5	86.5	90.1	91.0	91.0	94.4	95.1	95.1	97.2	97.2	98.3	98.3
IV 0	58.1	71.8	75.3	80.4	85.5	86.5	90.1	91.0	91.0	94.4	95.1	95.1	97.2	97.2	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

720

USAF ETAC

FORM
JUL 14

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSED BY
USAF ETAC
IN EASTERN HEMISPHERE

CEILING VERSUS VISIBILITY

STATION: 17901 RESOLUTION: 1000 FT
STATION NAME: 57-60

57-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO. CEILING ≥ 20000	51.4	47.1	51.1	54.7	55.0	57.3	57.4	57.5	57.5	57.5	59.0	59.7	59.7	60.1	60.1	60.1
IVZ 18000	51.4	47.1	51.1	54.7	55.0	57.3	57.4	57.5	57.5	57.5	59.0	59.7	59.7	60.1	60.1	60.1
IVZ 16000	51.4	47.1	51.1	54.7	55.0	57.3	57.4	57.5	57.5	57.5	59.0	59.7	59.7	60.1	60.1	60.1
IVZ 14000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 12000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 10000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 9000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 8000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 7000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 6000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 5000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 4500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 4000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 3500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 3000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 2500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 2000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 1800	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 1500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 1200	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 1000	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 900	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 800	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 700	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 600	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 500	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 400	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 300	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 200	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 100	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5
IVZ 0	42.1	49.6	52.5	56.1	57.6	57.9	59.4	59.4	59.4	59.4	61.3	61.9	61.9	62.4	62.4	62.5

TOTAL NUMBER OF OBSERVATIONS

720

U.S. AIR FORCE
 1954 ETAC
 10-14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION: 17921 RESERVE AIRPORT
 STATION NAME: 17921

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	55.0	55.4	55.3	55.4	61.3	61.4	63.1	63.7	63.5	64.0	64.3	64.4	64.7	64.7	65.0	65.0
IV 20000	55.0	55.4	55.3	55.4	61.3	61.4	63.1	63.7	63.5	64.0	64.3	64.4	64.7	64.7	65.0	65.0
IV 18000	55.4	55.5	55.4	55.6	62.1	62.3	64.2	64.6	64.6	65.1	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	55.4	55.5	55.4	55.6	62.1	62.3	64.2	64.6	64.6	65.1	65.4	65.4	65.4	65.4	65.4	65.4
IV 14000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 12000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 10000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 9000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 8000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 7000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 6000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 5000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 4500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 4000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 3500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 3000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 2500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 2000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 1800	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 1500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 1200	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 1000	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 900	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 800	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 700	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 600	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 500	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 400	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 300	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 200	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 100	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 0	55.5	55.7	55.6	55.7	62.2	62.6	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3

TOTAL NUMBER OF OBSERVATIONS

720

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

17701
 STATION

RESULTS OF 1 DAY APT

57-66

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.2	34.7	30.7	28.1	60.8	61.1	62.9	63.1	63.1	64.2	64.6	64.6	66.3	66.3	66.3	66.3
IV 18000	53.2	35.4	31.0	28.9	61.7	61.9	63.0	63.9	63.9	65.0	65.4	65.4	67.1	67.1	67.4	67.4
IV 16000	53.2	35.4	31.0	28.9	61.7	61.9	63.0	63.9	63.9	65.0	65.4	65.4	67.1	67.1	67.4	67.4
IV 14000	53.2	35.4	31.0	28.9	61.7	61.9	63.0	63.9	63.9	65.0	65.4	65.4	67.1	67.1	67.4	67.4
IV 12000	53.2	35.4	31.0	28.9	61.7	61.9	63.0	63.9	63.9	65.0	65.4	65.4	67.1	67.1	67.4	67.4
IV 10000	53.0	35.8	38.2	33.4	62.2	62.5	64.2	64.4	64.4	65.7	66.1	66.1	67.8	67.8	68.1	68.1
IV 9000	43.0	30.0	35.3	32.6	62.4	62.0	64.3	64.6	64.6	66.0	66.3	66.3	68.2	68.2	68.5	68.5
IV 8000	45.0	35.3	60.7	61.3	64.7	65.3	66.9	67.1	67.1	68.5	69.0	69.0	70.7	70.7	71.0	71.0
IV 7000	47.1	39.6	62.2	63.3	66.6	67.1	69.2	69.6	69.6	71.3	71.8	71.8	73.5	73.5	73.8	73.8
IV 6000	47.1	39.6	62.2	63.3	66.6	67.1	69.2	69.6	69.6	71.3	71.8	71.8	73.5	73.5	73.8	73.8
IV 5000	47.4	40.0	63.3	64.6	67.9	68.2	70.3	70.7	70.7	72.5	73.1	73.1	75.0	75.0	75.3	75.3
IV 4500	47.4	40.0	63.3	64.6	67.9	68.2	70.3	70.7	70.7	72.5	73.1	73.1	75.0	75.0	75.3	75.3
IV 4000	47.0	41.4	64.3	65.6	69.0	69.3	71.9	71.8	71.8	73.6	74.2	74.2	76.1	76.1	76.4	76.4
IV 3500	47.9	41.8	64.9	66.1	69.0	69.9	71.9	72.4	72.4	74.2	74.7	74.7	76.7	76.7	76.9	76.9
IV 3000	49.0	43.9	66.9	68.3	72.2	72.6	74.7	75.1	75.1	76.9	77.5	77.5	79.6	79.6	79.9	79.9
IV 2500	49.7	43.4	66.0	70.4	74.2	74.6	76.8	77.2	77.2	79.0	79.8	79.8	81.7	81.7	81.9	81.9
IV 2000	51.1	43.5	71.9	73.9	77.9	78.3	80.0	81.0	81.0	82.8	83.3	83.3	85.6	85.6	85.8	85.8
IV 1800	51.5	49.0	72.3	74.4	78.3	79.0	81.3	81.7	81.7	83.3	84.0	84.0	86.2	86.3	86.3	86.3
IV 1500	52.9	71.3	73.1	77.2	81.3	81.8	84.7	85.1	85.1	86.9	87.5	87.5	89.7	89.7	90.0	90.0
IV 1200	53.3	72.4	70.4	78.3	82.3	83.2	86.1	86.3	86.3	88.3	88.9	88.9	91.1	91.1	91.4	91.4
IV 1000	50.0	76.0	80.0	82.4	80.7	87.4	90.4	91.0	91.1	92.9	93.5	93.5	95.7	95.7	96.0	96.0
IV 900	50.1	76.3	80.3	82.6	80.9	87.6	90.7	91.3	91.4	93.2	93.8	93.8	96.0	96.0	96.3	96.3
IV 800	50.4	76.9	81.0	83.3	87.8	88.3	91.3	92.1	92.2	94.0	94.6	94.6	96.8	96.8	97.1	97.1
IV 700	50.4	76.9	81.0	83.3	87.9	88.6	91.3	92.4	92.5	94.3	94.9	94.9	97.1	97.1	97.4	97.4
IV 600	50.4	76.9	81.0	83.3	87.9	88.6	91.3	92.5	92.6	94.4	95.0	95.0	97.2	97.2	97.5	97.5
IV 500	50.4	76.9	81.0	83.3	88.1	88.8	91.3	92.8	92.9	94.7	95.3	95.3	97.3	97.3	97.6	97.6
IV 400	50.4	77.1	81.1	83.8	88.2	88.9	92.1	92.9	93.1	94.9	95.4	95.4	97.6	97.6	97.9	97.9
IV 300	50.4	77.1	81.1	83.8	88.2	88.9	92.1	92.9	93.1	94.9	95.4	95.4	97.6	97.6	97.9	97.9
IV 200	50.4	77.2	81.3	83.9	88.3	89.0	92.2	93.1	93.2	95.1	95.7	95.7	97.9	97.9	98.3	98.3
IV 100	50.4	77.2	81.3	83.9	88.3	89.0	92.2	93.1	93.2	95.1	95.7	95.7	97.9	97.9	98.3	98.3
IV 0	50.4	77.2	81.3	83.9	88.3	89.0	92.2	93.1	93.2	95.1	95.7	95.7	97.9	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

720

U.S. AIR FORCE DIVISION
 AIR ETAC
 AIR FORCE DIVISION

CEILING VERSUS VISIBILITY

17701 STATION NAME
 STATION

57-06

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
≥ 25000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 18000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 16000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 14000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 12000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 10000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 9000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 8000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 7000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 6000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 5000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 4500	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 4000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 3500	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 3000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 2500	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 2000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 1800	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 1500	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 1200	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 1000	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 900	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 800	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 700	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 600	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 500	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 400	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 300	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 200	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 100	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3
IV 0	66.8	56.7	57.3	60.0	63.0	63.8	66.3	66.8	66.8	67.7	66.3	68.3	69.9	69.9	70.3	70.3

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM JUL 42 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

STATION 1 RESULTE APT DUT APT 57-60 JFC
 MONTH
 HOURS (LST) 0300-0500

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.5	59.7	61.7	63.2	64.5	65.2	66.9	67.6	67.7	69.0	69.9	69.9	71.1	71.5	72.0	72.4
≥ 20000	59.5	59.8	61.8	63.3	64.7	65.2	67.1	67.7	67.9	69.1	70.0	70.0	71.2	71.6	72.0	72.4
IV 18000	59.5	59.8	62.1	63.6	65.1	65.7	67.5	68.1	68.3	69.5	70.4	70.4	71.6	72.0	72.0	72.4
IV 16000	59.6	59.9	62.2	63.7	65.2	65.9	67.9	68.3	68.4	69.6	70.6	70.6	71.8	72.2	72.7	73.0
IV 14000	59.6	60.2	62.5	64.0	65.5	66.1	67.9	68.5	68.7	69.9	70.8	70.8	72.0	72.4	73.0	73.3
IV 12000	59.6	60.2	62.5	64.0	65.5	66.1	67.9	68.5	68.7	69.9	70.8	70.8	72.0	72.4	73.0	73.3
IV 10000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 9000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 8000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 7000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 6000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 5000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 4500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 4000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 3500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 3000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 2500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 2000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 1800	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 1500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 1200	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 1000	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 900	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 800	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 700	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 600	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 500	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 400	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 300	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 200	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 100	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7
IV 0	59.7	60.5	62.8	64.2	65.9	66.5	68.5	69.0	69.1	70.3	71.2	71.2	72.4	72.8	73.4	73.7

TOTAL NUMBER OF OBSERVATIONS

744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE, IAC

CEILING VERSUS VISIBILITY

17901
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
STATION NAME

27-60
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.3	27.7	59.6	61.6	62.6	63.0	65.1	65.9	65.9	67.0	68.0	68.2	68.9	69.4	70.6	70.9
≥ 20000	28.3	27.9	59.6	61.6	62.7	63.1	65.3	66.1	66.1	67.2	68.1	68.4	69.0	69.6	70.7	71.1
IV 18000	28.3	27.9	59.8	61.8	62.7	63.1	65.3	66.1	66.1	67.2	68.1	68.4	69.0	69.6	70.7	71.1
IV 16000	28.3	27.9	59.8	61.8	62.7	63.1	65.3	66.1	66.1	67.2	68.1	68.4	69.0	69.6	70.7	71.1
IV 14000	28.6	28.0	59.9	61.9	62.8	63.3	65.4	66.2	66.2	67.3	68.2	68.5	69.2	69.7	71.1	71.2
IV 12000	28.6	28.0	59.9	61.9	62.8	63.3	65.4	66.2	66.2	67.3	68.2	68.5	69.2	69.7	71.1	71.2
IV 10000	29.0	28.4	60.6	62.6	63.5	63.9	66.1	66.9	66.9	68.0	68.9	69.2	69.9	70.4	71.7	71.9
IV 9000	29.2	28.7	60.8	62.9	63.9	64.3	66.5	67.3	67.3	68.4	69.3	69.6	70.3	70.8	72.1	72.3
IV 8000	30.1	29.6	61.0	63.2	64.9	65.3	67.4	68.2	68.2	69.3	70.3	70.5	71.2	71.7	73.1	73.2
IV 7000	30.3	30.3	62.3	65.1	66.5	66.9	69.0	70.0	70.0	71.1	72.3	72.4	73.2	73.8	75.1	75.2
IV 6000	30.9	30.7	63.3	65.7	67.3	67.7	69.7	70.8	70.8	71.9	73.1	73.4	74.0	74.8	75.9	76.0
IV 5000	31.1	31.1	63.8	66.2	68.0	68.4	70.5	71.7	71.7	72.8	74.0	74.3	75.0	75.7	76.9	77.0
IV 4500	31.1	31.1	63.8	66.2	68.0	68.4	70.5	71.7	71.7	72.8	74.0	74.3	75.0	75.7	76.9	77.0
IV 4000	31.1	31.2	64.1	66.9	68.2	68.6	71.1	72.0	72.0	73.2	74.4	74.7	75.4	75.9	77.3	77.4
IV 3500	31.1	31.2	64.3	67.2	68.9	69.3	71.7	72.7	72.7	73.9	75.1	75.4	76.0	76.6	77.9	78.1
IV 3000	32.0	32.5	66.2	68.9	70.7	71.1	73.5	74.6	74.6	75.8	77.0	77.3	77.9	78.5	79.6	79.9
IV 2500	32.3	34.3	68.0	70.8	72.8	73.2	75.8	77.0	77.0	78.2	79.4	79.7	80.3	80.9	82.2	82.4
IV 2000	34.3	36.5	70.3	73.4	75.3	75.9	78.3	79.7	79.7	81.2	82.6	82.9	83.7	84.4	85.7	85.9
IV 1800	34.3	36.6	70.7	73.9	76.2	76.7	79.3	80.3	80.3	82.0	83.4	83.7	84.5	85.2	86.5	86.7
IV 1500	35.3	38.6	72.9	76.4	78.9	79.3	82.4	83.7	83.7	85.3	86.9	87.2	88.3	89.0	90.4	90.8
IV 1200	36.0	39.9	74.2	77.9	80.3	81.0	83.8	85.2	85.2	86.9	88.4	88.7	89.8	90.4	92.3	92.7
IV 1000	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.7	92.1	92.7	94.6	95.0
IV 900	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.0	95.0	95.4
IV 800	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4
IV 700	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4
IV 600	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4
IV 500	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4
IV 400	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4
IV 300	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4
IV 200	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4
IV 100	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4
IV 0	36.7	40.7	75.4	79.3	82.0	82.8	85.6	86.9	86.9	88.8	90.4	90.8	92.3	93.3	96.0	96.4

TOTAL NUMBER OF OBSERVATIONS

743

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 17501 RESOLUTE AIRCRAFT

57-66

0FC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-1100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .58	≥ .4	≥ .36	≥ .3	≥ 0
NO CEILING	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 20000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 18000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 16000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 14000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 12000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 10000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 9000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 8000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 7000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 6000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 5000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 4500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 4000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 3500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 3000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 2500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 2000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 1800	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 1500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 1200	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 1000	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 900	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 800	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 700	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 600	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 500	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 400	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 300	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 200	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 100	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0
≥ 0	59.7	57.0	57.0	59.7	61.0	61.7	62.0	64.5	64.5	65.7	66.0	66.1	67.0	67.7	68.0	68.0

TOTAL NUMBER OF OBSERVATIONS

744

DATA PROCESSOR DIVISION
USAF ETAC
ATTN: EATER SERVICE/40

CEILING VERSUS VISIBILITY

STATION 17001 STATION NAME 10010 PT

57-06

FC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	51.2	51.1	50.2	50.0	49.5	48.7	48.2	47.5	46.4	46.4	47.3	48.1	48.1	49.0	49.1	49.4
≥ 20000	51.2	50.2	50.7	50.2	49.2	48.0	46.0	46.3	46.5	47.5	48.4	48.3	49.1	49.2	49.4	49.4
18000	51.7	50.7	50.2	51.3	53.4	63.0	66.2	67.1	67.1	68.0	68.8	68.8	69.6	69.8	69.9	70.0
16000	51.7	50.7	50.2	51.3	53.4	63.0	66.2	67.1	67.1	68.0	68.8	68.8	69.6	69.8	69.9	70.0
14000	51.7	50.7	50.2	51.0	53.7	63.0	66.3	67.1	67.3	68.3	69.1	69.1	69.9	70.0	70.2	70.4
12000	51.9	50.9	50.5	51.7	53.0	64.0	66.7	67.3	67.3	68.4	69.2	69.2	70.0	70.2	70.3	70.4
10000	52.0	50.0	52.4	53.0	56.4	66.5	69.3	70.0	70.0	71.0	71.8	71.8	72.6	72.7	72.8	73.0
9000	52.0	51.2	52.7	54.4	56.7	67.1	70.0	70.0	70.6	71.5	72.2	72.3	73.1	73.3	73.3	73.7
8000	53.0	51.0	53.4	55.3	58.0	68.1	71.1	71.0	71.0	72.6	73.4	73.4	74.2	74.3	74.6	74.7
7000	54.0	53.3	55.2	57.9	70.4	70.6	73.3	74.2	74.2	75.3	76.1	76.1	76.9	77.0	77.3	77.6
6000	54.2	53.6	55.5	58.1	71.0	71.1	74.1	74.7	74.7	75.9	76.5	76.5	77.4	77.4	77.8	78.1
5000	54.7	54.1	56.0	58.7	71.5	71.5	74.7	75.4	75.4	76.5	77.3	77.3	78.2	78.4	78.6	78.9
4500	54.7	54.1	56.0	58.7	71.5	71.5	74.7	75.4	75.4	76.5	77.3	77.3	78.2	78.4	78.6	78.9
4000	55.0	54.4	56.3	59.2	72.2	72.3	75.4	76.1	76.1	77.2	78.0	78.0	78.9	79.0	79.3	79.6
3500	55.4	54.9	56.0	59.9	72.8	73.8	76.1	76.7	76.7	78.0	78.8	78.8	79.7	79.8	80.1	80.4
3000	55.0	56.0	58.1	71.4	74.0	74.7	77.8	78.5	78.5	79.7	80.5	80.5	81.5	81.6	81.7	82.1
2500	56.5	57.5	59.6	72.3	76.2	76.3	79.0	80.2	80.2	81.6	82.4	82.4	83.6	83.7	84.0	84.4
2000	58.5	70.7	75.0	76.3	79.3	80.0	83.2	83.9	83.9	85.2	86.0	86.0	87.2	87.4	88.2	88.7
1800	58.5	70.7	75.0	76.3	79.3	80.0	83.2	83.9	83.9	85.2	86.0	86.0	87.2	87.4	88.2	88.7
1500	59.5	72.4	74.4	78.4	82.3	82.4	85.9	86.8	86.8	88.0	88.8	88.8	90.1	90.2	91.0	91.5
1200	60.3	73.5	75.9	79.8	83.0	83.7	87.1	88.0	88.0	89.3	90.3	90.3	91.7	91.8	92.8	93.1
1000	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
900	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
800	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
700	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
600	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
500	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
400	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
300	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
200	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
100	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6
0	60.0	74.5	76.9	80.8	84.0	85.1	88.6	90.1	90.1	91.7	92.9	92.9	94.1	94.2	95.0	95.6

TOTAL NUMBER OF OBSERVATIONS

744

27-64

1111

YEARS

NOTE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1799

HOUSE - 51

		VISIBILITY STATUTE MILES.															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
N	18000	55.1	51.6	62.0	65.5	66.7	67.1	69.2	70.0	70.0	72.0	72.3	72.4	73.5	73.7	73.9	73.9
	16000	55.1	51.2	62.0	65.5	66.7	67.2	69.2	70.2	70.2	72.2	72.4	72.5	73.7	73.8	74.1	74.1
N	14000	55.1	51.2	62.0	65.5	66.7	67.2	69.2	70.2	70.2	72.2	72.4	72.5	73.7	73.8	74.1	74.1
	12000	55.2	51.3	62.0	65.5	67.2	67.6	69.2	70.2	70.6	72.6	72.9	73.0	74.1	74.2	74.5	74.5
N	10000	55.9	52.9	64.7	67.3	69.0	69.4	71.5	72.3	72.3	74.3	74.6	74.7	75.8	75.9	76.2	76.2
	9000	55.9	52.9	64.7	67.3	69.0	69.4	71.5	72.3	72.6	74.6	74.9	75.0	76.1	76.2	76.5	76.5
N	8000	56.0	53.7	65.6	68.4	70.0	70.4	72.0	73.4	73.4	75.4	75.7	75.8	76.9	77.0	77.3	77.3
	7000	56.4	54.7	66.3	70.2	71.0	72.2	74.7	75.3	75.3	77.7	78.0	78.1	79.2	79.3	79.7	79.7
N	6000	56.0	55.1	66.9	70.6	72.2	72.6	75.1	75.9	75.9	78.1	78.4	78.5	79.6	79.7	80.1	80.1
	5000	55.0	55.7	67.7	71.4	73.0	73.4	75.2	76.7	76.7	78.9	79.2	79.3	80.4	80.5	80.9	80.9
N	4500	55.0	55.7	67.7	71.4	73.0	73.4	75.2	76.7	76.7	78.9	79.2	79.3	80.4	80.5	80.9	80.9
	4000	55.1	55.7	67.7	71.4	73.0	73.4	75.2	76.7	76.7	78.9	79.2	79.3	80.4	80.5	80.9	80.9
N	3500	55.8	55.7	67.7	71.4	73.0	73.4	75.2	76.7	76.7	78.9	79.2	79.3	80.4	80.5	80.9	80.9
	3000	55.9	55.7	67.7	71.4	73.0	73.4	75.2	76.7	76.7	78.9	79.2	79.3	80.4	80.5	80.9	80.9
N	2500	56.7	55.3	70.7	74.6	77.2	77.6	80.3	81.7	81.7	83.9	84.1	84.2	85.3	85.5	86.3	86.4
	2000	56.0	55.4	70.0	73.9	76.5	76.9	79.0	80.0	80.0	82.3	82.5	82.6	83.7	83.9	84.3	84.3
N	1800	56.7	55.3	70.7	74.6	77.2	77.6	80.3	81.7	81.7	83.9	84.1	84.2	85.3	85.5	86.3	86.4
	1500	56.4	55.4	70.2	74.1	76.7	77.1	79.2	80.2	80.2	82.3	82.5	82.6	83.7	83.9	84.3	84.3
N	1200	56.4	55.4	70.2	74.1	76.7	77.1	79.2	80.2	80.2	82.3	82.5	82.6	83.7	83.9	84.3	84.3
	1000	56.4	55.4	70.2	74.1	76.7	77.1	79.2	80.2	80.2	82.3	82.5	82.6	83.7	83.9	84.3	84.3
N	900	56.4	55.4	70.2	74.1	76.7	77.1	79.2	80.2	80.2	82.3	82.5	82.6	83.7	83.9	84.3	84.3
	800	56.4	55.4	70.2	74.1	76.7	77.1	79.2	80.2	80.2	82.3	82.5	82.6	83.7	83.9	84.3	84.3
N	700	56.4	55.4	70.2	74.1	76.7	77.1	79.2	80.2	80.2	82.3	82.5	82.6	83.7	83.9	84.3	84.3
	600	56.4	55.4	70.2	74.1	76.7	77.1	79.2	80.2	80.2	82.3	82.5	82.6	83.7	83.9	84.3	84.3
N	500	56.4	55.4	70.2	74.1	76.7	77.1	79.2	80.2	80.2	82.3	82.5	82.6	83.7	83.9	84.3	84.3
	400	56.7	55.4	70.6	74.0	76.1	76.5	78.4	79.2	79.6	80.6	80.6	80.6	81.6	81.6	82.0	82.0
N	300	56.7	55.4	70.6	74.0	76.1	76.5	78.4	79.2	79.6	80.6	80.6	80.6	81.6	81.6	82.0	82.0
	200	56.7	55.4	70.6	74.0	76.1	76.5	78.4	79.2	79.6	80.6	80.6	80.6	81.6	81.6	82.0	82.0
N	100	56.7	55.4	70.6	74.0	76.1	76.5	78.4	79.2	79.6	80.6	80.6	80.6	81.6	81.6	82.0	82.0
	0	56.7	55.4	70.6	74.0	76.1	76.5	78.4	79.2	79.6	80.6	80.6	80.6	81.6	81.6	82.0	82.0

TOTAL NUMBER OF OBSERVATIONS

744

ATA PRESS/STANDARD DIVISION
NEW YORK
NEW YORK BRANCH OFFICE

CEILING VERSUS VISIBILITY

STATION

STATION NAME

27-f.6

YEAR:

JUL
MONTH

49714

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	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	55.0	61.1	64.0	65.6	67.5	67.9	69.0	70.2	70.2	71.5	72.5	72.5	72.8	73.0	73.3	73.3
	18000	55.0	62.1	64.2	66.0	66.1	68.4	70.2	70.7	71.0	72.4	73.0	73.0	73.5	73.7	73.9	73.9
18000	16000	55.2	62.4	64.5	66.3	66.4	68.4	70.4	71.0	72.7	73.1	73.4	73.8	73.9	74.2	74.2	74.2
	14000	55.0	62.9	65.1	66.3	69.0	69.0	71.0	71.5	71.8	73.3	73.8	73.8	74.3	74.5	74.7	74.7
14000	12000	55.6	63.0	65.2	66.9	66.1	69.1	71.1	71.6	71.6	73.4	73.9	73.9	74.5	74.5	74.9	74.9
	10000	54.0	63.7	65.9	67.6	69.4	69.4	71.0	72.3	72.3	74.1	74.6	74.6	75.1	75.3	75.5	75.5
10000	9000	54.0	63.7	66.0	67.7	69.9	69.9	71.9	72.4	72.4	74.2	74.7	74.7	75.3	75.4	75.7	75.7
	8000	54.2	63.8	66.1	67.9	70.0	70.0	72.0	72.6	72.6	74.3	74.9	74.9	75.4	75.5	75.8	75.8
8000	7000	54.7	63.1	67.5	69.2	71.0	71.0	73.1	73.7	73.7	75.2	75.6	75.6	77.7	77.8	78.1	78.1
	6000	55.5	66.0	68.4	70.3	72.7	72.7	74.7	75.3	75.3	77.2	77.7	77.7	78.8	78.9	79.2	79.2
6000	5000	56.0	66.9	69.4	71.4	73.9	73.9	75.9	76.5	76.5	78.4	78.9	78.9	80.0	80.1	80.4	80.4
	4500	56.0	66.9	69.4	71.4	73.9	73.9	75.9	76.5	76.5	78.4	78.9	78.9	80.0	80.1	80.4	80.4
4500	4000	56.0	67.1	69.5	71.5	74.2	74.2	76.2	76.7	76.7	78.4	79.2	79.2	80.2	80.4	80.6	80.6
	3500	56.5	67.5	69.9	71.9	74.6	74.6	76.6	77.2	77.2	79.0	79.0	79.4	80.6	80.8	81.0	81.0
3500	3000	57.1	68.1	71.5	73.5	76.5	76.5	79.4	79.4	81.3	81.9	81.9	82.9	83.1	83.3	83.3	83.3
	2500	57.2	70.7	73.1	75.5	78.6	79.0	81.2	81.7	81.7	83.6	84.1	84.1	85.2	85.3	86.0	86.0
2500	2000	58.2	73.0	75.0	78.4	81.6	82.0	84.1	84.8	84.8	86.8	87.4	87.4	88.6	88.7	89.4	89.4
	1800	58.5	73.3	76.1	78.6	81.9	82.3	84.4	85.1	85.1	87.1	87.0	87.6	89.0	89.1	89.8	89.8
1800	1500	58.9	74.5	77.4	80.0	83.6	84.0	86.7	87.4	87.4	89.4	89.9	89.9	91.5	91.7	92.6	92.6
	1200	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
1200	1000	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
	900	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
900	800	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
	700	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
700	600	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
	500	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
500	400	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
	300	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
300	200	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
	100	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
100	0	59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3
		59.2	75.7	78.0	81.3	85.1	85.5	88.3	89.0	89.0	91.4	92.2	92.2	94.1	94.2	94.9	95.3

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION 1000 STATION NAME 1000 YEARS 57-65 MONTH 10
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) 2100-2300
 HOURS (L.S.T.)

CEILING FEET		VISIBILITY STATUTE MILES																
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	23000	58.3	54.7	65.0	61.2	60.1	66.4	66.9	68.9	68.9	68.8	70.0	70.2	70.7	71.8	71.9	72.3	72.3
	18000	58.3	54.9	65.2	63.4	66.4	66.7	68.6	68.6	69.1	69.1	70.3	70.4	70.9	72.0	72.0	72.3	72.3
	16000	58.3	54.8	61.2	63.4	67.5	66.7	66.9	69.1	69.4	69.4	70.6	70.7	70.7	72.0	72.0	72.3	72.3
	14000	58.3	54.8	61.0	64.4	67.5	67.7	69.7	70.2	70.2	71.4	71.5	71.5	71.5	73.1	73.3	73.7	73.7
	12000	58.3	54.9	62.0	64.5	67.6	67.7	70.0	70.4	70.3	71.5	71.6	71.6	73.2	73.4	73.8	73.8	73.8
	10000	58.3	54.9	62.1	64.7	67.7	67.9	70.2	70.4	70.4	71.6	71.6	71.9	73.4	73.5	73.9	73.9	73.9
	9000	58.3	54.9	62.2	64.9	67.8	67.9	70.2	70.7	70.7	71.9	72.0	72.0	73.7	73.8	74.2	74.2	74.2
	8000	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	7000	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	6000	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	5000	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	4500	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	4000	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	3500	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	3000	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	2500	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	2000	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	1800	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	1500	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	1200	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	900	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	800	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	700	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	600	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	500	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	400	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	300	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	200	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	100	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5
	0	58.3	54.9	62.3	65.2	67.9	67.9	70.2	70.7	70.7	71.9	72.2	72.3	73.9	74.1	74.5	74.5	74.5

TOTAL NUMBER OF OBSERVATIONS 744

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

17901 RESOLUTE NWT DDT APT

57-66

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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	36.0	7.2	7.1	4.4	4.3	3.3	3.1	3.3	4.0	3.3	24.2	4.1	4955
FEB		33.7	7.8	7.2	5.6	4.8	3.0	3.7	3.5	4.8	3.6	22.4	4.2	4511
MAR		38.3	7.0	6.2	5.5	4.1	3.1	2.9	3.6	3.8	3.7	21.9	3.9	4960
APR		25.0	9.7	6.5	6.7	4.9	3.4	3.7	4.1	5.3	5.1	26.0	4.8	4800
MAY		12.4	6.2	4.9	3.2	3.0	3.3	3.0	3.9	6.7	9.3	44.3	6.8	5453
JUN		4.7	3.9	4.7	4.6	3.3	3.1	2.7	4.9	7.5	13.1	45.5	7.4	5279
JUL		3.1	6.4	6.0	4.5	3.5	3.3	2.8	5.0	7.8	15.2	42.6	7.4	5456
AUG		1.4	3.6	3.2	2.8	2.6	3.1	1.7	3.9	6.7	16.2	54.9	8.3	5455
SEP		1.5	4.9	3.2	3.0	2.3	2.6	2.8	3.9	7.2	13.5	55.2	8.2	5280
OCT		10.6	5.7	5.5	4.5	3.7	4.9	2.5	3.8	4.8	8.5	47.4	6.9	5872
NOV		25.0	9.2	8.2	5.7	4.6	3.2	3.1	3.7	5.0	5.7	26.7	4.8	5759
DEC		35.6	7.1	7.9	4.9	4.8	2.6	2.8	3.7	3.5	3.4	23.7	4.1	5951
TOTALS		18.4	6.7	5.9	4.6	3.8	3.1	2.9	3.9	5.6	8.4	36.2	5.9	63731

USAF ETAC FORM 0-9.5 (OL1)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

17401 RESOLUTE NW1 UOT APT

57-66

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	47.4	3.5	3.1	3.7	4.8	2.3	3.7	2.6	2.9	1.6	24.4	3.7	620
	03-05	46.3	2.9	4.8	3.1	2.1	4.4	2.6	2.3	3.2	1.6	26.0	3.9	620
	06-08	43.2	3.5	6.8	4.0	3.5	3.2	1.6	3.7	2.9	1.8	25.6	3.9	620
	09-11	25.2	11.0	10.2	7.1	4.6	3.4	2.4	3.4	3.7	4.7	24.2	4.4	620
	12-14	13.9	16.2	11.3	5.5	4.2	3.9	3.2	5.5	3.7	6.3	23.6	4.9	618
	15-17	25.8	12.5	7.9	5.2	6.0	2.8	4.9	3.2	4.4	3.7	23.7	4.4	617
	18-20	41.6	4.7	6.0	3.4	4.2	3.7	2.7	3.1	5.3	2.9	22.3	3.9	620
	21-23	44.2	2.9	6.3	3.2	4.4	4.3	3.7	2.7	3.4	3.4	23.1	3.9	620
TOTALS		36.0	7.2	7.1	4.4	4.3	3.3	3.1	3.3	4.0	3.3	24.2	4.1	4955

FEB

17901 RESOLUTE WIT DDT APT

57-66

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	44.5	4.0	5.3	6.2	3.2	1.4	3.2	2.5	3.2	4.1	21.6	3.7	564
	03-05	47.7	3.4	3.0	4.1	3.7	4.1	3.4	2.1	4.1	2.0	22.5	3.7	564
	06-08	39.2	5.9	6.6	6.0	3.7	2.8	3.0	3.4	3.5	2.3	21.6	3.8	564
	09-11	18.8	12.8	9.0	5.9	3.7	4.1	3.0	3.4	7.6	5.1	24.5	4.9	564
	12-14	16.1	10.3	10.5	6.9	3.3	3.4	3.3	3.3	6.4	6.4	22.2	4.9	564
	15-17	20.6	11.5	9.9	5.1	6.9	3.2	4.6	3.1	3.0	3.7	24.3	4.7	564
	18-20	35.5	7.8	8.0	5.9	3.5	2.8	3.2	3.2	4.3	2.5	21.5	3.9	564
	21-23	44.9	6.2	5.3	4.6	2.7	1.8	3.6	2.8	4.4	2.5	21.1	3.6	563

SKY COVER

17901 RESOLUTE NWT DDT APT

57-66

4AR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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	55.6	4.5	5.3	3.2	3.4	1.6	2.1	1.6	1.9	1.5	19.2	2.9	620
	03-05	49.6	6.3	5.3	3.7	2.7	2.7	2.7	3.1	1.6	2.6	19.4	3.2	620
	06-08	28.9	9.2	8.5	6.5	4.0	4.4	2.7	3.9	4.7	3.7	23.5	4.3	620
	09-11	30.5	8.5	6.5	5.6	5.3	2.4	3.1	4.2	2.9	5.3	25.6	4.5	620
	12-14	30.5	7.4	6.3	6.0	4.5	3.4	3.1	4.8	4.5	4.2	25.3	4.5	620
	15-17	32.6	7.1	3.4	6.9	4.5	4.0	2.7	4.4	5.8	4.2	24.4	4.5	620
	18-20	34.2	6.1	6.8	6.9	4.2	3.9	4.0	2.7	5.3	6.1	19.7	4.1	620
	21-23	44.2	6.5	7.1	4.8	4.2	2.7	2.9	4.0	3.5	2.3	17.7	3.4	620
TOTALS		38.4	7.0	6.2	5.5	4.1	3.1	2.9	3.6	3.8	3.7	21.9	3.9	4960

2

57-66

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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	21.5	14.8	6.8	9.0	4.5	5.7	3.5	4.0	3.7	4.3	25.8	4.7	600
	03-05	22.0	12.0	8.8	5.5	4.7	5.2	4.3	4.0	5.2	6.2	24.3	4.7	600
	06-08	27.0	10.7	5.3	5.8	5.7	5.2	4.2	3.5	6.3	4.0	25.3	4.6	600
	09-11	27.7	8.0	6.7	5.0	4.0	5.0	4.0	3.2	6.7	4.8	27.0	4.8	600
	12-14	25.2	9.0	6.3	5.0	4.8	4.0	4.5	4.3	4.3	5.8	28.7	5.0	600
	15-17	24.5	8.5	5.8	6.0	5.7	4.0	2.8	5.0	5.2	4.2	28.5	5.0	600
	18-20	20.7	9.0	5.3	7.8	4.2	5.5	2.7	4.2	6.5	6.0	24.2	4.7	600
	21-23	25.2	7.7	7.0	9.3	4.9	5.8	3.3	4.3	4.7	5.3	24.5	4.7	600
TOTALS		25.0	9.7	6.5	6.7	4.6	5.4	3.7	4.1	5.3	5.1	26.0	4.8	4800

SKY COVER

1/901 RESOLUTE NWT DIST APT

37-66

442

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [L.S.T.]	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		
MAY	00-02	10.9	5.9	5.9	2.6	3.2	3.3	4.0	4.4	5.3	10.1	44.0	6.9	682
	03-05	11.6	5.4	4.5	3.1	3.7	3.1	2.5	4.4	6.0	9.1	46.6	7.0	682
	06-08	12.0	7.6	4.1	2.6	1.6	3.1	2.3	5.7	6.3	8.8	45.7	6.9	682
	09-11	12.2	6.2	5.9	4.8	3.7	2.8	2.6	2.5	5.3	7.3	46.7	6.7	681
	12-14	12.0	5.9	5.4	3.5	2.3	4.0	3.8	4.5	7.8	7.5	43.1	6.7	682
	15-17	13.1	6.6	4.1	3.8	3.1	3.5	2.6	3.4	7.5	10.6	41.6	6.7	681
	18-20	13.2	5.9	4.8	2.2	3.3	2.9	2.6	3.2	7.3	10.3	44.0	6.8	682
	21-23	12.3	5.7	4.8	3.1	2.9	2.5	3.2	3.2	7.8	10.3	43.0	6.8	681
TOTALS		12.2	6.2	4.9	3.2	3.0	3.3	3.0	3.9	6.7	9.3	44.3	6.8	3453

SKY COVER

57-66

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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	5.4	4.5	3.8	4.1	2.9	3.3	2.7	3.3	7.6	13.9	48.9	7.7	660
	03-05	5.6	5.6	4.1	4.4	2.1	4.1	2.6	4.9	6.8	12.3	49.5	7.6	639
	06-08	5.6	6.8	5.6	3.9	3.3	4.1	2.7	3.2	7.4	12.1	47.1	7.3	660
	09-11	5.4	6.2	6.1	3.5	2.2	4.1	2.7	5.2	7.9	11.6	44.5	7.3	660
	12-14	3.9	5.6	4.1	7.0	3.9	1.5	3.0	5.6	8.5	13.3	43.5	7.4	660
	15-17	3.6	5.8	4.8	4.4	4.1	3.0	3.5	6.7	8.6	13.6	39.8	7.3	660
	18-20	3.9	7.1	5.3	3.5	3.9	3.6	2.7	5.3	7.7	14.7	42.1	7.3	660
	21-23	4.2	5.9	3.9	5.8	3.2	2.7	1.7	4.8	5.5	13.3	48.9	7.5	660
TOTALS		4.1	5.9	4.7	4.6	3.3	3.1	2.7	4.9	7.5	13.1	45.5	7.4	5279

SKY COVER

17901 RESOLUTE NW1 DBT 4PT

57-66

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [L.S.T.]	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		
JUL	00-02	5.0	5.3	4.7	3.5	4.1	4.3	2.6	5.1	8.5	15.4	43.4	7.5	682
	03-05	3.1	5.3	6.0	4.0	3.7	4.1	2.9	4.1	5.4	14.1	46.8	7.5	682
	06-08	4.0	5.0	4.8	4.0	4.0	3.4	2.1	4.5	7.6	15.7	45.7	7.6	682
	09-11	3.2	6.3	4.5	3.1	3.2	4.8	1.9	5.0	8.2	19.5	40.2	7.5	682
	12-14	1.9	6.6	6.3	5.3	2.9	3.2	4.3	6.6	6.9	12.5	43.5	7.4	682
	15-17	1.3	7.9	7.6	5.0	3.1	3.2	3.1	5.0	8.1	15.7	40.0	7.3	682
	18-20	2.1	6.7	8.1	6.2	4.3	2.9	2.9	4.0	8.8	14.7	39.4	7.2	682
	21-23	3.5	7.5	5.6	4.7	3.7	4.5	2.2	5.4	9.2	13.6	42.1	7.3	682
TOTALS		3.1	6.4	6.0	4.5	3.5	3.3	2.8	5.0	7.8	15.2	42.6	7.4	5456

SKY COVER

17901	RESOLUTE NWI DOT APT
STATION	STATION NAME

57-66

456

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [L.S.T.]	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	.7	4.0	4.1	2.5	2.0	4.3	1.5	3.1	6.0	12.0	59.2	8.3	682
	03-05	1.3	4.0	2.5	2.2	3.5	2.9	1.8	4.1	7.0	13.6	57.0	8.3	682
	06-08	1.9	3.8	2.2	1.9	1.0	4.5	1.3	3.7	5.7	17.3	58.1	8.5	682
	09-11	1.0	3.3	2.1	1.6	2.0	2.1	2.3	4.3	6.2	21.0	53.2	8.5	682
	12-14	2.2	1.9	3.4	3.8	2.0	3.1	1.6	4.1	7.0	16.4	53.1	8.3	682
	15-17	.0	3.4	2.8	3.1	2.0	3.2	1.2	4.4	8.8	16.7	53.2	8.4	682
	18-20	1.9	4.3	4.0	2.1	2.2	2.9	1.5	4.7	7.3	17.9	51.2	8.2	681
	21-23	1.3	3.5	4.7	5.1	2.0	3.8	2.2	2.8	5.7	14.8	53.4	8.0	682
TOTALS		1.4	3.0	3.2	2.8	2.0	3.1	1.7	3.9	6.7	16.2	54.9	8.3	5455

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

17901 RESOLUTE NWT OUT APT

57-66

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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		
SEP	00-02	4.4	4.5	4.1	2.1	2.3	2.0	4.1	3.6	6.5	8.8	57.6	8.0	660
	03-05	2.4	4.2	3.5	2.7	1.8	1.8	3.8	4.1	7.0	10.6	58.0	8.2	660
	06-08	.3	3.8	2.3	3.2	2.1	1.7	1.2	3.6	6.4	17.7	57.7	8.6	660
	09-11	1.4	3.3	2.7	2.1	2.3	4.1	1.8	3.5	9.7	14.7	54.5	8.4	660
	12-14	.3	4.1	2.4	4.2	3.8	2.9	2.9	3.2	7.0	13.9	55.3	8.3	660
	15-17		5.9	3.9	4.7	2.9	2.4	2.4	4.7	6.7	16.8	49.5	8.0	660
	18-20	.0	6.5	3.6	2.3	1.8	1.8	2.7	4.8	7.9	14.2	53.5	8.1	660
	21-23	2.4	6.5	3.2	2.7	1.2	3.8	3.6	3.9	6.1	10.9	55.6	8.0	660
TOTALS		1.5	4.9	3.2	3.0	2.3	4.6	2.8	3.9	7.2	13.5	55.2	8.2	5280

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

17901 RESOLUTE NWT UOT APT

57-66

067

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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		
OCT	00-02	21.1	3.3	4.1	4.0	4.0	2.5	2.2	2.5	3.3	4.8	47.0	6.3	734
	03-05	19.5	3.5	5.4	3.8	3.3	3.0	2.3	2.6	3.7	4.0	48.9	6.4	734
	06-08	8.3	6.1	5.9	5.2	4.2	3.1	1.9	3.8	4.2	10.4	46.9	7.0	734
	09-11	1.4	6.3	6.3	4.8	3.5	3.8	2.3	4.1	6.1	11.7	47.7	7.4	734
	12-14	2.0	8.6	4.9	4.2	3.4	4.6	2.7	4.5	5.9	13.2	45.4	7.4	734
	15-17	2.0	6.5	7.8	5.6	4.0	3.1	2.0	4.8	5.7	12.1	45.8	7.3	734
	18-20	9.5	6.3	6.8	3.8	4.2	1.9	2.5	4.5	4.5	7.4	48.6	6.9	734
	21-23	21.5	3.0	3.0	4.1	4.0	1.4	3.7	3.3	5.0	4.2	48.5	6.5	734
TOTALS		10.0	5.7	5.5	4.5	3.7	2.9	2.5	3.8	4.8	8.5	47.4	6.9	5872

SKY COVER

 $N: V$

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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	36.3	6.7	6.3	2.8	4.4	2.4	3.5	2.6	4.9	4.7	25.6	4.3	720	
	03-05	39.2	5.0	4.7	5.6	4.4	2.9	2.5	2.4	4.3	6.4	22.6	4.1	720	
	06-08	31.1	7.1	7.4	5.3	4.1	2.1	2.1	4.2	4.5	5.7	25.3	4.5	719	
	09-11	8.5	14.7	11.8	7.1	5.3	3.2	3.9	4.0	6.9	7.5	27.1	5.4	720	
	12-14	6.7	11.9	10.7	7.6	5.6	3.8	4.0	4.7	5.6	7.1	30.3	5.8	720	
	15-17	13.8	14.2	8.6	6.8	4.7	4.0	2.8	5.0	6.5	6.3	27.4	5.2	720	
	18-20	31.1	8.2	7.8	4.6	3.0	2.4	2.9	2.6	3.5	3.5	26.5	4.5	720	
	21-23	32.9	5.4	8.3	5.6	2.9	2.9	3.2	3.8	3.9	4.0	27.1	4.5	720	
TOTALS		25.0	9.2	8.2	5.7	4.9	2.2	3.1	3.7	5.0	5.7	26.7	4.8	5759	

SKY COVER

17901 RESOLUTE NOT OUT API

57-66

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	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
DEC	00-02	44.5	2.6	5.0	3.4	5.5	1.0	3.4	3.5	4.2	3.0	25.4	4.0	744
	03-05	45.7	3.5	3.9	4.0	4.0	1.3	2.3	3.1	3.9	3.1	24.1	3.8	744
	06-08	41.5	3.6	7.3	4.0	5.1	2.7	2.6	2.6	2.4	2.3	25.3	3.9	743
	09-11	24.7	12.1	11.7	6.7	3.7	2.0	3.9	4.3	2.3	3.8	24.0	4.3	744
	12-14	13.2	14.8	13.2	6.5	6.0	4.3	3.1	5.5	5.2	5.6	22.0	4.6	744
	15-17	31.0	11.2	9.5	4.4	6.0	3.5	2.4	4.0	3.5	2.8	21.5	4.0	744
	18-20	41.5	3.9	7.5	5.5	4.4	2.7	1.6	4.2	3.1	3.8	22.0	3.6	744
	21-23	43.0	5.0	4.7	4.4	3.5	2.6	3.2	2.7	3.5	2.4	25.0	3.9	744

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 presentation 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 deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
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 all 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 vertically. Also provided for each dry-bulb temperature interval 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 require two pages in some cases.

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 (σx). The number of observations used in the computations 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 tabulations 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 available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. 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.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DIST APT
STATION	STATION NAME

57-66

6.6.6

YEARS

MONTH

PAGE 1

411

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													
64/ 63					.0		.0																											
62/ 61			.0			.0	.0																											
60/ 59		.0		.0		.0	.0																											
58/ 57			.0	.0	.0	.0	.0																											
56/ 55			.0	.0	.0	.0																												
54/ 53			.0	.0	.1	.0																												
52/ 51		.0	.0	.1	.1	.0																												
50/ 49		.0	.1	.2	.1	.0																												
48/ 47	.0	.1	.3	.3	.0																													
46/ 45	.0	.3	.6	.2	.0																													
44/ 43	.0	.5	.8	.1	.0																													
42/ 41	.1	1.1	.7	.1	.0																													
40/ 39	.3	1.6	.6	.1																														
38/ 37	.6	2.0	.4	.0																														
36/ 35	1.3	2.2	.3	.0																														
34/ 33	2.1	2.1	.2																															
32/ 31	1.4	2.2	.1																															
30/ 29	1.0	1.7	.0																															
28/ 27	.8	1.4	.0																															
26/ 25	1.0	1.3	.0																															
24/ 23	1.0	1.2																																
22/ 21	.9	.9	.0																															
20/ 19	1.0	1.0	.0																															
18/ 17	1.0	.9	.0																															
16/ 15	1.0	.9																																
14/ 13	1.0	.7																																
12/ 11	1.2	.6																																
10/ 9	1.3	.6																																
8/ 7	1.2	.5																																
6/ 5	1.4	.4																																
4/ 3	1.3	.4																																
2/ 1	1.5	.3																																
0/ -1	1.6	.4																																
-2/ -3	1.8	.4																																
Element (X)	Σx^2			Σx			$\bar{x}$			σ_x			No. Obs.											Mean No. of Hours with Temperature										
Rel. Hum.														≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT ART
STATION

57-66

YEARS

ALL
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/-5	1.8	.3																1292	1293	1292	1146															
-6/-7	1.8	.3																1295	1295	1307	1155															
-8/-9	2.0	.2																1353	1353	1387	1197															
-10/-11	2.2	.3																1522	1522	1500	1165															
-12/-13	2.3	.2																1531	1531	1549	1320															
-14/-15	2.6	.3																1733	1733	1722	1126															
-16/-17	2.6	.3																1725	1727	1733	1352															
-18/-19	2.8	.2																1819	1819	1818	1592															
-20/-21	2.8	.2																1852	1852	1859	1554															
-22/-23	2.9	.2																1851	1851	1869	1681															
-24/-25	3.1	.2																1957	1957	1956	1630															
-26/-27	2.8	.1																1784	1785	1796	1822															
-28/-29	2.6	.2																1638	1639	1637	1444															
-30/-31	2.5	.2																1627	1631	1620	1722															
-32/-33	2.2	.1																1374	1393	1391	1767															
-34/-35	1.7	.1																1035	1261	1052	1697															
-36/-37	.0																	7	996	21	1487															
-38/-39																			752		1198															
-40/-41																			510		1154															
-42/-43																			309		478															
-44/-45																			258		470															
-46/-47																			154		83															
-48/-49																			83		98															
-50/-51																			42		20															
-52/-53																			28		19															
-54/-55																			31		14															
-56/-57																			8		6															
-58/-59																			2		1															
-60/-61																			2		1															
-62/-63																			1																	
TOTAL	65.229.2	4.1	1.1	.3	.0	.0												60301	63729	60301	60294															
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	386725621	4780013	79.311.314	60295	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		8760																								
Dry Bulb	44374433	200913	3.226.199	63729	4378.97107.9							8760																								
Wet Bulb	36783633	302599	5.024.184	60301	4374.77246.8							8760																								
Dew Point	41572655	35269	.626.252	60294	4705.67533.5							8760																								

USAFETAC
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
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ALL
HOURS 11. 5. 1.

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	.1	.1																7	7	5					
20/ 19	.2	.0																10	10	11	5				
18/ 17	.1	.1																5	5	6	9				
16/ 15	.2	.1																11	11	7	5				
14/ 13	.1	.1																8	8	9	7				
12/ 11	.1	.1																7	7	9	6				
10/ 9	.3	.1																18	18	15	9				
8/ 7	.2	.1																10	10	11	6				
6/ 5	.2																	7	7	10	11				
4/ 3	.3	.0																13	13	12	13				
2/ 1	.7																	25	25	26	13				
0/ -1	1.0	.1																41	41	38	14				
-2/ -3	.7	.1																31	31	33	17				
-4/ -5	1.2	.2																54	55	49	36				
-6/ -7	1.9	.2																79	79	81	34				
-8/ -9	1.9	.4																85	85	80	35				
-10/-11	2.8	.2																113	113	117	58				
-12/-13	3.4	.4																143	143	141	74				
-14/-15	3.8	.2																152	152	154	60				
-16/-17	4.4	.4																178	179	177	110				
-18/-19	5.0	.2																194	194	197	150				
-20/-21	6.1	.5																247	247	239	150				
-22/-23	7.0	.3																278	278	280	198				
-24/-25	9.4	.4																366	366	369	165				
-26/-27	9.7	.3																377	377	378	227				
-28/-29	8.3	.4																325	325	324	224				
-30/-31	8.9	.6																357	358	352	284				
-32/-33	8.9	.7																360	367	358	396				
-34/-35	6.5	.5																261	330	267	290				
-36/-37																			263	7	284				
-38/-39																			235		243				
-40/-41																			171		258				
-42/-43																			110		155				
-44/-45																			120		143				
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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17901 RESOLUTE NAT DIET APT
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ALL
HOURS 11 5 9

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
-46/-47																			88		27
-48/-49																			45		34
-50/-51																			25		3
-52/-53																			21		5
-54/-55																			23		4
-56/-57																			7		
-58/-59																			3		
-60/-61																			2		
-62/-63																			1		
TOTAL	93.2	6.8																	4955		3762
																		3762		3762	

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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							
26/ 25	.1																	2	2	2							
24/ 23	.1																	3	3	3	4						
22/ 21	.1																	3	3	3	2						
20/ 19	.1																	4	4	4	3						
18/ 17	.1																	3	3	3	3						
16/ 15	.1																	5	5	5	2						
14/ 13	.1																	2	2	2	6						
12/ 11	.1																	5	5	5	1						
10/ 9	.3																	11	11	11	3						
8/ 7	.2																	7	7	7	8						
6/ 5	.4	.0																15	15	14	9						
4/ 3	.7																	24	24	25	7						
2/ 1	.6	.1																23	23	22	19						
0/ -1	.7	.0																26	26	27	19						
-2/ -3	1.6	.3																65	65	57	12						
-4/ -5	1.3	.3																55	55	57	30						
-6/ -7	2.3	.4																93	93	95	40						
-8/ -9	2.3	.3																92	92	91	52						
-10/-11	2.5	.4																102	102	98	64						
-12/-13	3.1	.3																119	119	125	81						
-14/-15	3.7	.2																135	135	133	77						
-16/-17	4.0	.3																149	149	150	98						
-18/-19	5.2	.2																189	189	190	133						
-20/-21	5.9	.4																219	219	217	141						
-22/-23	7.8	.5																292	292	287	155						
-24/-25	9.3	.5																341	341	340	152						
-26/-27	8.1	.7																305	306	306	217						
-28/-29	9.4	.9																361	361	353	178						
-30/-31	8.6	.6																320	321	327	277						
-32/-33	7.6	.3																278	283	286	293						
-34/-35	6.9	.3																250	300	250	349						
-36/-37																			285	3	293						
-38/-39																			233		247						
-40/-41																			155		261						
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature										Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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HOURS S. T.

USAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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17901	RESOLUTE NWT DOT APT
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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																		3	3	3											
12/11	.0																		2	2	2											
10/9	.1																		4	4	4	4										
8/7	.1	.0																	6	6	6	4										
6/5	.4																		16	16	16	2										
4/3	.9																		39	39	39	10										
2/1	1.3	.1																	58	58	58	24										
0/-1	1.2	.0																	52	52	52	43										
-2/-3	1.5	.2																	73	73	69	37										
-4/-5	1.5	.2																	73	73	73	49										
-6/-7	1.7	.1																	75	75	80	66										
-8/-9	2.7	.1																	119	119	117	64										
-10/-11	2.5	.3																	116	116	113	66										
-12/-13	2.8	.1																	125	125	129	102										
-14/-15	3.3	.4																	156	156	152	76										
-16/-17	4.4	.3																	196	196	195	109										
-18/-19	4.9	.5																	228	228	221	123										
-20/-21	5.6	.5																	258	258	261	147										
-22/-23	7.2	.6																	329	329	328	196										
-24/-25	8.5	.3																	373	373	377	192										
-26/-27	9.0	.4																	396	396	395	229										
-28/-29	8.6	.5																	385	386	387	234										
-30/-31	10.2	.6																	456	457	449	295										
-32/-33	8.3	.3																	361	362	368	357										
-34/-35	7.2	.1																	307	352	314	379										
-36/-37	.2																		7	291	7	388										
-38/-39																				160		333										
-40/-41																				110		365										
-42/-43																				82		121										
-44/-45																				49		124										
-46/-47																				10		19										
-48/-49																				3		28										
-50/-51																						7										
-52/-53																				1		6										
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

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HOURS 11.5.1.

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			
36/ 35			.0															2	2					
34/ 33			.3															14	14	6				
32/ 31		.6	1.1	.1														93	93	64	28			
30/ 29		.4	1.7															112	112	89	68			
28/ 27		1.1	2.3	.0														188	188	169	69			
26/ 25		2.0	3.4	.0														301	301	282	160			
24/ 23		2.8	4.3															387	387	348	261			
22/ 21		3.2	3.9	.0														393	394	427	273			
20/ 19		3.2	4.4	.0														418	418	389	355			
18/ 17		3.4	3.9	.0														402	402	415	361			
16/ 15		3.4	3.9															400	400	408	320			
14/ 13		2.4	3.3															323	323	329	342			
12/ 11		3.8	3.7															407	407	396	347			
10/ 9		3.9	3.1															378	378	403	308			
8/ 7		3.9	2.2															336	336	365	305			
6/ 5		3.2	1.3															254	254	272	380			
4/ 3		2.1	1.4															190	190	197	370			
2/ 1		1.8	1.1															156	156	168	251			
0/ -1		1.9	1.5															183	183	175	198			
-2/ -3		1.9	.9															153	153	167	198			
-4/ -5		1.9	.6															139	139	138	146			
-6/ -7		1.4	.5															103	103	111	159			
-8/ -9		.9	.2															58	58	67	167			
-10/-11		.5	.1															32	32	36	128			
-12/-13		.3	.1															18	18	16	111			
-14/-15		.1	.0															8	8	10	81			
-16/-17		.0	.0															3	3	4	25			
-18/-19		.0																2	2	2	21			
-20/-21																					9			
-22/-23																					8			
-24/-25																					3			
-26/-27																					1			
TOTAL	30.149.7	.2																5453	5454		5453			
Element (X)	Σ X'	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X		
Rel. Hum.	36641590	444982	81.6	7.776	5453	Σ 0 F	Σ 32 F	Σ 67 F	Σ 73 F	Σ 80 F	Σ 93 F	Total												
Dry Bulb	1515869	72907	13.4	9.962	5453	95.4	741.8					744												
Wet Bulb	1423803	69931	12.8	9.827	5453	99.1	743.2					744												
Dew Point	1100750	47796	8.811	1.83	5453	171.2	744.0					744												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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Ten. p. (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						
52/ 51																		1	1								
50/ 49																		14	14								
48/ 47																		41	41	1							
46/ 45																		63	63	5	1						
44/ 43																		110	110	44							
42/ 41																		171	171	87	17						
40/ 39																		238	238	189	29						
38/ 37																		312	312	220	122						
36/ 35																		450	450	426	240						
34/ 33																		802	802	671	458						
32/ 31																		1013	1013	1032	857						
30/ 29																		536	536	812	876						
28/ 27																		373	373	463	662						
26/ 25																		327	327	377	507						
24/ 23																		309	309	342	437						
22/ 21																		169	169	213	343						
20/ 19																		165	165	180	258						
18/ 17																		86	86	106	152						
16/ 15																		74	74	79	160						
14/ 13																		20	21	27	94						
12/ 11																		5	5	5	39						
10/ 9																					19						
8/ 7																					6						
6/ 5																					1						
TOTAL	22.9	61.3	13.5	2.0	.2													5279	5280	5279	5279						
Element (X)	Σ x'				Σ x				x̄				s _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.	39.76008				451970				85.6				8.484				5279				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5366969				164841				31.2				6.465				5280				419.7						
Wet Bulb	4877738				157554				29.8				5.766				5279				495.9						
Dew Point	4111637				144051				27.3				5.853				5279				601.6						

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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			
56/ 55			.1	.1	.1	.0												11	11					
54/ 53			.1	.1	.1													10	10					
52/ 51		.0	.2	.3	.1													30	30	1				
50/ 49		.3	.5	.5	.2													79	79	11	1			
48/ 47		.7	1.2	.7														138	138	42	6			
46/ 45	.2	1.7	1.5	.5	.0													212	212	119	45			
44/ 43	.3	2.4	2.3	.4	.0													296	296	228	89			
42/ 41	1.0	5.7	2.4	.3														509	509	368	199			
40/ 39	2.3	8.6	1.2	.0														661	661	658	405			
38/ 37	3.9	9.8	.9	.0														795	795	890	747			
36/ 35	7.4	8.5	.3															881	881	1015	1102			
34/ 33	8.7	4.0	.1															697	697	857	1126			
32/ 31	6.4	3.2																521	522	555	781			
30/ 29	3.8	2.9	.1															368	368	389	413			
28/ 27	1.2	1.5																147	147	189	239			
26/ 25	.7	.7																76	76	97	150			
24/ 23	.2	.2																19	19	28	98			
22/ 21		.0																1	1	4	38			
20/ 19																					12			
18/ 17																					1			
TOTAL	16.0	50.0	10.6	2.9	.5	.0												5451	5452	5451	5452			

Element (X)	Σ x'	Σ x	$\bar{x}$	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	44713007	491265	90.1	9.050	5452	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	7172180	201098	36.9	5.326	5452		156.6					744
Wet Bulb	7065261	194657	35.7	4.573	5451		172.2					744
Dew Point	6443685	185919	34.1	4.361	5452		236.4					744

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ALL
HOURS T. 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				
46/ 45		.0	.1	.0														4	4						
44/ 43		.1	.1															11	11	1					
42/ 41	.0	.1																7	7	12	2				
40/ 39	.3	.9	.0	.0														64	64	40	20				
38/ 37	.9	.8	.1															74	74	74	59				
36/ 35	.9	1.7	.3															154	154	101	110				
34/ 33	2.2	2.7	.3															274	274	231	162				
32/ 31	4.2	4.6	.2															478	478	415	325				
30/ 29	4.4	6.6	.0															580	580	545	374				
28/ 27	5.1	5.9	.0															582	582	628	443				
26/ 25	4.4	5.9																543	543	552	537				
24/ 23	4.6	4.6																482	482	552	489				
22/ 21	3.3	3.0																334	334	341	538				
20/ 19	3.2	3.2																335	335	344	324				
18/ 17	2.6	3.0	.7															295	295	305	284				
16/ 15	2.5	2.3																253	253	266	273				
14/ 13	2.7	1.4																219	219	248	246				
12/ 11	2.5	1.2																192	192	196	231				
10/ 9	2.0	.6																139	139	149	240				
8/ 7	1.5	.5																102	102	112	197				
6/ 5	1.1	.1																64	64	70	157				
4/ 3	.7	.0																39	39	43	91				
2/ 1	.6																	34	34	34	82				
0/ -1	.1																	6	6	6	45				
-2/ -3	.2																	11	11	11	30				
-4/ -5	.1																	3	3	3	8				
-6/ -7																					11				
-8/ -9																					1				
TOTAL	49.6	49.2	1.2	.0														5279	5279	5279	5279				
																						5279		5279	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	41379140		465972		88.2		6.858		5279		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F				
Dry Bulb	3303831		124821		23.6		8.172		5279		2.7		639.8												
Wet Bulb	3142855		121669		23.0		8.010		5279		2.7		637.4												
Dew Point	2680557		109023		20.7		9.019		5279		13.0		671.9												

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE RWT UDT APT
STATION

57-66

YEARS

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														
30/ 29	.1	.1																11	11	7														
28/ 27	.4	.1																31	31	33	20													
26/ 25	1.4	.5																115	115	96	32													
24/ 23	1.3	.5																107	107	108	117													
22/ 21	1.2	.7																113	113	112	79													
20/ 19	2.9	1.2																240	240	224	92													
18/ 17	3.5	1.3																280	280	278	180													
16/ 15	3.2	1.3																266	266	265	223													
14/ 13	3.2	1.0																248	248	255	262													
12/ 11	4.6	1.0																326	326	322	242													
10/ 9	5.4	1.1																406	406	398	259													
8/ 7	5.0	1.1																367	367	382	302													
6/ 5	6.0	1.2																423	423	409	354													
4/ 3	4.8	1.0																343	343	356	350													
2/ 1	6.4	.7																420	420	430	367													
0/ -1	5.4	.6																355	355	362	348													
-2/ -3	5.0	.6																328	328	328	399													
-4/ -5	4.1	.5																268	268	264	348													
-6/ -7	3.6	.6																249	249	249	332													
-8/ -9	3.5	.5																236	236	237	269													
-10/-11	2.4	.5																170	170	172	208													
-12/-13	2.3	.5																148	148	154	207													
-14/-15	2.2	.5																137	137	143	147													
-16/-17	1.5	.5																96	96	96	153													
-18/-19	1.4	.5																91	91	90	168													
-20/-21	.7	.0																45	45	49	120													
-22/-23	.4	.0																27	27	25	88													
-24/-25	.2	.0																14	14	16	86													
-26/-27	.1																	7	7	7	60													
-28/-29	.1																	5	5	5	26													
-30/-31																					10													
-32/-33																					8													
-34/-35																					11													
-36/-37																					5													
Element (X)	Σ X'			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature						Total												
Rel. Hum.																≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F				Total				
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WNT DNT APT
STATION STATION NAME

57-66

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ALL

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

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DNT APT
STATION	STATION NAME

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HOURS 11:55 - 1:00

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

NDV

PAGE 2

ALL

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	
-40/-41																					36	
-42/-43																					13	
-44/-45																					5	
-46/-47																					12	
-48/-49																					12	
-50/-51																					1	
TOTAL	6.1	13.9																5753	5759	5753	5753	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

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DEC

YEARS

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ALL
HOURS 11.5.1.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DUT APT
STATION	STATION NAME

57-66

YEARS

DEC
MONTH

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STAT ON	STATION NAME

57-66

JAN
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															
20/ 19	.6																	3	3	3																
18/ 17																					3															
16/ 15	.2																	1	1	1																
14/ 13	.2	.2																2	2	1																
12/ 11																				1	1															
10/ 9	.9																	4	4	4	1															
8/ 7																					1															
6/ 5																					4															
4/ 3	.4																	2	2	2																
2/ 1	.6																	3	3	3	1															
0/ -1	.9																	4	4	4	1															
-2/ -3	1.3																	6	6	6	2															
-4/ -5	.9	.4																6	7	5	4															
-6/ -7	1.7	.2																9	9	9	4															
-8/ -9	2.1	.6																13	13	11	4															
-10/-11	2.3	.4																13	13	16	4															
-12/-13	4.3	.6																23	23	22	11															
-14/-15	2.1	.2																11	11	12	11															
-16/-17	5.5	.4																28	29	26	17															
-18/-19	4.7																	22	22	24	20															
-20/-21	4.3	.6																23	23	22	10															
-22/-23	9.0	.4																44	44	43	31															
-24/-25	7.5																	35	35	37	14															
-26/-27	11.1	.9																56	56	55	30															
-28/-29	9.6	1.1																50	50	49	31															
-30/-31	8.7																	41	41	43	32															
-32/-33	6.6	.9																35	35	34	45															
-34/-35	6.6	.9																35	44	34	38															
-36/-37																			37	2	41															
-38/-39																			30		22															
-40/-41																			10		40															
-42/-43																			18		18															
-44/-45																			16		19															
-46/-47																			13		3															
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. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

YEARS

JAN
MONTH

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

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

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YEARS

JAN
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								
22/ 21	.4																	2	2	2									
20/ 19	.2																	1	1	1	2								
18/ 17	.4	.2																3	3	3	1								
16/ 15																					2								
14/ 13	.2																	1	1	1									
12/ 11	.4	.2																3	3	3									
10/ 9																					1								
8/ 7																					3								
4/ 3	.2																	1	1	1									
2/ 1	1.1																	5	5	5									
0/ -1	1.3																	6	6	6	3								
-2/ -3	.2	.4																2	2	2	1								
-4/ -5	1.5																	7	7	7	6								
-6/ -7	1.9	.2																10	10	9	2								
-8/ -9	2.3	.2																12	12	12	4								
-10/-11	3.2	.6																18	18	17	6								
-12/-13	3.0	.2																15	15	17	13								
-14/-15	4.5																	21	21	21	9								
-16/-17	4.0																	19	19	19	12								
-18/-19	3.4																	16	16	16	24								
-20/-21	6.8	.4																34	34	33	18								
-22/-23	7.4	.2																36	36	36	18								
-24/-25	10.4	.9																53	53	52	21								
-26/-27	11.5	.4																56	56	57	24								
-28/-29	8.9																	42	42	43	28								
-30/-31	6.6	.2																32	32	32	42								
-32/-33	8.1	1.3																44	44	42	45								
-34/-35	6.2	.4																31	36	32	47								
-36/-37																			32	1	30								
-38/-39																			41		31								
-40/-41																			16		43								
-42/-43																			8		9								
-44/-45																			20		17								
-46/-47																			9		4								
Element (X)	Σx^1	Σx																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																													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

YEARS

JAN
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JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. Y.)

[illegible]

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION

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YEARS

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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							
22/ 21	.2	.4																3	3	3								
20/ 19	.2																	1	1	1	3							
16/ 15	.4																	1	1	1	1							
14/ 13		.4																1	1		1							
12/ 11	.4																	2	2	3								
10/ 9	.2																	1	1	1	1							
8/ 7	.4																	2	2	2	2							
6/ 5																					1							
4/ 3	.4																	2	2	2	2							
2/ 1	1.2																	7	7	7								
0/ -1	.6																	3	3	3	4							
-2/ -3	.6																	3	3	3	3							
-4/ -5	.9																	4	4	4	4							
-6/ -7	1.7	.4																10	10	10	3							
-8/ -9	3.0	.4																16	16	15	1							
-10/-11	3.2																	15	15	16	7							
-12/-13	3.0	.2																15	15	15	14							
-14/-15	4.1	.4																21	21	19	8							
-16/-17	3.4	.2																17	17	19	16							
-18/-19	5.4	.2																26	26	26	10							
-20/-21	7.1																	33	33	33	24							
-22/-23	6.9																	30	30	30	22							
-24/-25	11.8	.6																58	58	57	22							
-26/-27	10.9	.2																50	50	51	31							
-28/-29	5.6	.2																27	27	26	24							
-30/-31	11.0	1.3																57	57	54	38							
-32/-33	7.1	.4																35	35	39	57							
-34/-35	6.9	.4																25	36	25	32							
-36/-37																			35		29							
-38/-39																			33		26							
-40/-41																			14		37							
-42/-43																			21		12							
-44/-45																			10		18							
-46/-47																			13		3							
Element (X)	Σ x ²	Σ x																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) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A100 245 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
RESOLUTE APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC
JAN 72

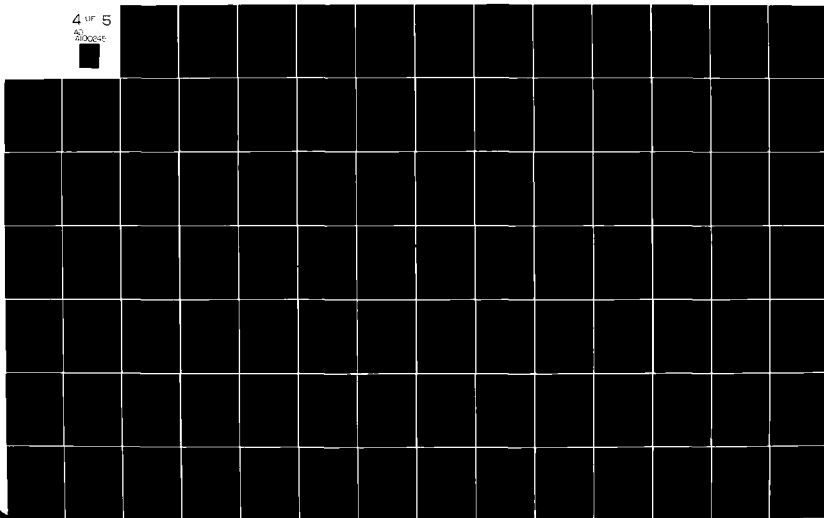
UNCLASSIFIED USAFETAC/DS-81/040

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AD-A100 245



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

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JAN 1964

PAGE 2 0600-0800

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			
-48/-49																			7		4			
-50/-51																			6					
-52/-53																			3		1			
-54/-55																			2		1			
TOTAL	94.2	5.8																	465	620	465			

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

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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							
25/ 17	.2																		1	1	1						
18/ 17																						1					
16/ 15	.4	.2																	3	3	2						
14/ 13	.2	.2																	2	2	3	1					
12/ 11	.2																		1	1	1	3					
10/ 9	.2																		1	1	1	2					
6/ 5	.4																		2	2	2	1					
4/ 3	.6	.2																	4	4	3						
2/ 1	.6																		3	3	4	2					
0/ -1	.8																		4	4	4	1					
-2/ -3	.8																		4	4	4	6					
-4/ -5	1.0	.4																	7	7	6	4					
-6/ -7	2.3	.2																	12	12	12	4					
-8/ -9	1.7	.2																	9	9	9	5					
-10/-11	1.7																		8	8	9	11					
-12/-13	2.7	1.0																	18	18	15	5					
-14/-15	4.4	.2																	22	22	25	4					
-16/-17	4.8	.4																	25	25	24	10					
-18/-19	6.3	.2																	31	31	31	13					
-20/-21	6.3	.8																	35	35	34	24					
-22/-23	7.1	.6																	37	37	37	36					
-24/-25	8.1	.4																	41	41	43	29					
-26/-27	8.4																		40	40	40	26					
-28/-29	7.1	.2																	35	35	35	33					
-30/-31	10.4	.8																	54	54	51	30					
-32/-33	10.0	.2																	49	50	51	48					
-34/-35	5.6	.8																	31	37	29	28					
-36/-37																				25	3	31					
-38/-39																				35		39					
-40/-41																				17		36					
-42/-43																				13		18					
-44/-45																				21		20					
-46/-47																				6		3					
-48/-49																				4		5					
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature																					
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																											
Wet Bulb																											
Dew Point																											

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

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YEARS

JAN
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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	
-50/-51																				6		
-52/-53																				5		
-54/-55																				2		
TOTAL	92.7	7.3																	620	479	479	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

57-66

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

YEARS

JAN
MONTH

PAGE 1 1200-1400
HOURS: 5, 7, 1

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															
22/ 21		.2																1	1																	
20/ 19																					1															
18/ 17																																				
16/ 15		.6																3	3																	
14/ 13																					3															
12/ 11																					1															
10/ 9	.2																	1	1	1	2															
8/ 7	.4	.6																5	5	2																
6/ 5	.2																	1	1	4	1															
4/ 3																					2															
2/ 1	.6																	3	3	3	4															
0/ -1	1.9	.4																11	11	10																
-2/ -3																				1	3															
-4/ -5	.4	.2																5	5	4	6															
-6/ -7	2.5																	12	12	13	5															
-8/ -9	1.0	.2																6	6	6	3															
-10/-11	2.9	.2																15	15	14	10															
-12/-13	3.1	.6																18	18	17	8															
-14/-15	3.3																	16	16	18	5															
-16/-17	4.8																	23	23	23	6															
-18/-19	5.0	.4																26	26	25	20															
-20/-21	6.0	.4																31	31	30	23															
-22/-23	8.1	1.2																45	45	43	27															
-24/-25	8.9	.0																46	46	48	12															
-26/-27	9.5																	46	46	48	37															
-28/-29	6.8	.4																35	35	33	25															
-30/-31	9.3	.2																46	46	48	40															
-32/-33	9.1	.4																46	47	44	60															
-34/-35	8.3	.2																47	50	43	25															
-36/-37																			25		45															
-38/-39																			20		32															
-40/-41																			26		24															
-42/-43																			11		26															
-44/-45																			17		19															
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

17901 RESOLUTE NWT OUT APT
STATION STATION NAME

57-66

JAN
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											
-46/-47																			11			3										
-48/-49																			2			6										
-50/-51																			5													
-52/-53																			6			1										
-54/-55																			3													
TOTAL	72.9	7.1																	618	482		482										
												</																				

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

JAN
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															
18/ 17	.2																	1	1	1															
16/ 15	.6																	3	3	3															
14/ 13																																	3		
12/ 11																																	1		
10/ 9	.2	.4																3	3	2															
8/ 7	.4	.2																3	3	4															
6/ 5	.2																	1	1	1	1											1			
4/ 3	.2																	1	1	1	3											1			
2/ 1	.2																	1	1	1	4											1			
0/ -1	1.1	.2																6	6	5												4			
-2/ -3	.8	.2																5	5	6	1											1			
-4/ -5	1.1	.2																6	6	6	5											5			
-6/ -7	1.9	.2																10	10	9	6											6			
-8/ -9	.8	.4																6	6	5	5											5			
-10/-11	3.6	.2																18	18	20	7											7			
-12/-13	2.5	.2																13	13	13	6											6			
-14/-15	5.5	.6																29	29	27	6											6			
-16/-17	3.4	.6																19	19	20	17											17			
-18/-19	5.5	.2																27	27	28	20											20			
-20/-21	5.5	.8																29	29	27	22											22			
-22/-23	5.9																	28	28	30	23											23			
-24/-25	10.4																	49	49	49	19											19			
-26/-27	7.0	.4																35	35	35	24											24			
-28/-29	9.3	.4																46	46	46	27											27			
-30/-31	8.1	.6																41	42	38	42											42			
-32/-33	12.7	1.1																65	65	65	46											46			
-34/-35	5.3	.4																27	40	30	34											34			
-36/-37																			30		37											37			
-38/-39																				22		35										35			
-40/-41																				26		23										23			
-42/-43																				17		23										23			
-44/-45																				12		22										22			
-46/-47																						4										4			
-48/-49																						2										2			
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DDT APT
STATION	STATION NAME

57-66

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		
-50/-51																				1		1	
-52/-53																				5		1	
-54/-55																				3			
-56/-57																				1			
-58/-59																				1			
-60/-61																				1			
TOTAL	92.4	7.6																	472	617		472	

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NAT DOT APT
STATION STATION NAME

57-66

YEARS

JAN
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										
20/ 19	.2	.2																2	2	1											
18/ 17		.2																1	1	2											
16/ 15																									2						
14/ 13		.2																1	1		1				1						
12/ 11																				1											
10/ 9	.4	.4																4	4	2	1										
8/ 7																				2											
6/ 5	.4																	2	2	2	1										
4/ 3	.2																	1	1	1	3										
2/ 1	.2																	1	1	1	1										
0/ -1	.6																	3	3	3	3										
-2/ -3	1.5	.2																8	8	7											
-4/ -5	1.5	.2																8	8	8	3										
-6/ -7	1.7																	8	8	9	6										
-8/ -9	2.5	.2																13	13	13	7										
-10/-11	2.5	.2																13	13	12	7										
-12/-13	3.6	.2																18	18	18	10										
-14/-15	4.0	.2																20	20	20	7										
-16/-17	4.5	.4																23	23	23	13										
-18/-19	4.2	.2																21	21	21	24										
-20/-21	6.6	.6																34	34	33	16										
-22/-23	6.6																	31	31	33	17										
-24/-25	8.3	.2																40	40	40	22										
-26/-27	8.7																	41	41	41	32										
-28/-29	10.0	.4																49	49	48	28										
-30/-31	8.7	1.1																46	46	46	30										
-32/-33	9.3	.6																47	50	45	47										
-34/-35	7.4	.2																36	44	38	39										
-36/-37																			32		1	41									
-38/-39																				26			35								
-40/-41																				35			26								
-42/-43																				10			25								
-44/-45																				9			14								
-46/-47																				12			7								
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_X		No. Obs.		Mean No. of Hours with Temperature						Total														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F															
Dry Bulb																															
Wet Bulb																															
Dew Point																															

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901 RESOLUTE NW1 DDT APT
STATION STATION NAME

57-66

YEARS

JAN
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	
-48/-49																				4		2
-50/-51																				3		
-52/-53																				1		
-54/-55																				4		1
-60/-61																				1		
-62/-63																				1		
TOTAL	93.8	6.2																	471	620	471	471

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT

57-66

JAN

STATION

STATION NAME

YEARS

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				
22/ 21			.4															1	1						
20/ 19		.4																2	2						
18/ 17																					3				
14/ 13		.2																1	1	1					
12/ 11			.2															1	1						
10/ 9		.7	.2															4	4	4	1				
8/ 7																				1					
6/ 5		.2																1	1	1	2				
4/ 3		.4																2	2	2	3				
2/ 1		.4																2	2	2	1				
0/ -1		.7	.2															4	4	3	2				
-2/ -3		.7																3	3	4	1				
-4/ -5	2.0	.4																11	11	9	4				
-6/ -7	1.5	.2																8	8	10	4				
-8/ -9	1.5	.4																10	10	9	6				
-10/-11	2.6	.2																13	13	13	6				
-12/-13	4.8	.2																23	23	24	7				
-14/-15	2.6																	12	12	12	10				
-16/-17	4.4	.4																24	24	23	19				
-18/-19	5.5																	25	25	26	19				
-20/-21	5.9	.2																28	28	27	13				
-22/-23	5.7	.2																27	27	28	24				
-24/-25	9.5	.2																44	44	43	26				
-26/-27	10.8	.9																53	53	51	23				
-28/-29	8.8	.2																41	41	44	28				
-30/-31	8.4	.4																40	40	40	30				
-32/-33	7.9	.7																39	41	38	48				
-34/-35	7.3	.4																35	43	36	47				
-36/-37																			47		30				
-38/-39																			28		23				
-40/-41																			27		29				
-42/-43																			12		21				
-44/-45																			15		14				
-46/-47																			13						
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NAT DUT APT
STATION	STATION NAME

57-66

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			
-46/-49																			5		6			
-50/-51																			1		1			
-52/-53																			1		3			
-54/-55																			6					
-56/-57																			1					
TOTAL	93.2	6.4																	454	620	454			

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DUT APT
STATION	STATION NAME

57-66

YEARS

FEB
MONTH

PAGE 1 0000-0200
HOURS: 11:55 A.M.

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						
20/ 19	.4																	2	2	2							
18/ 17	.4																	1	1	1							
16/ 15	.4																	1	1	1	2						
14/ 13	.2																	1	1	1	1						
12/ 11	.2																	1	1	1							
8/ 7																					1						
4/ 3	1.4																	4	4	4							
2/ 1	.7																	3	3	3							
0/ -1	.5																	2	2	2	6						
-2/ -3	2.0	.2																10	10	9	3						
-4/ -5	.2	.2																2	2	2	2						
-6/ -7	1.1																	5	5	6	3						
-8/ -9	2.9	.2																14	14	14	6						
-10/-11	3.2	.4																16	16	14	6						
-12/-13	3.4																	15	15	17	8						
-14/-15	5.0	.2																23	23	22	11						
-16/-17	2.5	.5																13	13	12	13						
-18/-19	7.4	.4																36	36	36	15						
-20/-21	7.0																	31	31	33	24						
-22/-23	6.8	.4																33	33	33	16						
-24/-25	8.1	.5																38	38	37	32						
-26/-27	8.1	.5																38	38	39	26						
-28/-29	8.6	.5																40	40	39	25						
-30/-31	9.7																	43	43	44	29						
-32/-33	7.7	.2																32	34	32	36						
-34/-35	8.1	.4																38	43	37	43						
-36/-37																			30	1	43						
-38/-39																			25		24						
-40/-41																			16		27						
-42/-43																			15		13						
-44/-45																			10		23						
-46/-47																			9		1						
-48/-49																			4		1						
-50/-51																			3		1						
Element (X)	$\Sigma x'$	Σx				$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																											
Wet Bulb																											
Dew Point																											

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17921 RESOLUTE NWI DOT APY
STATION NAME

57-66

FER

PAGE 2 0000-0200

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	
-52, -53																						
TOTAL	444																	444	564	1	444	

Element (X)	Σx^2	Σx	$\bar{x}$	s^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2217465	31105	70.1	9.306	444							
Dry Bulb	454312	-14576	-25.8	11.741	564	81.8	84.0					84
Wet Bulb	258308	-9766	-22.0	9.932	444	81.2	84.0					84
Dew Point	422536	-12760	-28.7	11.226	444	82.9	84.0					84

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT

57-66

FEB

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																
22/ 21	.2																	1	1	1																
20/ 19																																				1
18/ 17	.2																	1	1	1																
16/ 15	.7																	3	3	3																
14/ 13																																				4
12/ 11	.2																	1	1	1																
10/ 9																																				1
6/ 5	.9																	4	4	4																
4/ 3	.5																	2	2	2																
2/ 1	.2																	1	1	1															5	
0/ -1	.9																	4	4	4																
-2/ -3	1.4																	6	6	6															1	
-4/ -5	1.1	.2																6	6	6															4	
-6/ -7	2.5	.2																12	12	12														4		
-8/ -9	1.8	.5																10	10	9														5		
-10/-11	2.3	.4																12	12	12														9		
-12/-13	3.7																	16	16	17														11		
-14/-15	2.4																	12	12	12														6		
-16/-17	4.8	.2																22	22	22														11		
-18/-19	6.0	.2																27	27	24														18		
-20/-21	6.9	.7																33	33	33														14		
-22/-23	8.3	.2																37	37	37														26		
-24/-25	7.4	.7																35	35	34														23		
-26/-27	8.3	1.1																41	42	40														35		
-28/-29	10.8	.5																49	49	50														17		
-30/-31	7.1	.2																32	33	33														31		
-32/-33	9.2	.5																47	43	43														38		
-34/-35	5.7	.2																26	30	26														44		
-36/-37																				36														35		
-38/-39																				30														21		
-40/-41																				19														40		
-42/-43																				12														8		
-44/-45																				11														17		
-46/-47																				7														3		
Element (X)	Σx^2		Σx		$\bar{x}$		s^2		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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901 RESOLUTE NWT OUT APT
STATION STATION NAME

57-66

PER
MONTH

PAGE 2 0300-0500

USAFETAC
FORM 026-5 (OLA)
JUL 84
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DUT APT
STATION	STATION NAME

57-66

YEARS

FEH
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (11 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.2																	1	1	1								
20/ 19	.2																	1	1	1	1							
18/ 17	.2																	1	1	1	1							
16/ 15																					1							
10/ 9	.2																	1	1	1								
8/ 7	.3																	2	2	2	1							
6/ 5	.9																	4	4	4	1							
4/ 3	.5																	2	2	2	2							
2/ 1																					5							
0/ -1	.5																	2	2	2								
-2/ -3	2.3	.7																13	13	10								
-4/ -5	1.4	.5																5	8	9	3							
-6/ -7	2.1	.2																10	10	12	9							
-8/ -9	3.1	.3																11	11	9	7							
-10/-11	2.3	.5																12	12	13	4							
-12/-13	2.5	.7																14	14	15	11							
-14/-15	3.0	.2																14	14	14	10							
-16/-17	4.4	.2																20	20	20	10							
-18/-19	4.6																	20	20	20	16							
-20/-21	7.8																	34	34	34	19							
-22/-23	8.0	1.1																40	40	35	15							
-24/-25	8.3	.7																39	39	42	21							
-26/-27	8.0	.9																37	37	39	36							
-28/-29	10.3	.9																49	49	48	24							
-30/-31	6.4	.5																30	30	29	29							
-32/-33	7.1	1.1																36	36	36	37							
-34/-35	7.3	.7																35	42	36	52							
-36/-37																			46	1	25							
-38/-39																			26		22							
-40/-41																			13		39							
-42/-43																			10		12							
-44/-45																			8		17							
-46/-47																			11		2							
-48/-49																			2		1							
Element (X)	Σ x'				Σ x				Σ x									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																												

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DMT APT
STATION STATION NAME

57-66

YEARS

FEB
MONTH

PAGE 2 0600-0800

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/-51																					2	
-52/-53																				1	1	
-54/-55																						
TOTAL	71.1	8.9																436	564	436	436	

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

YEARS

FEB

MONTH

PAGE 1 0900-1100
HOURS (L, S, T, J)

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	.2																	1	1	1															
24/ 23	.4																	2	2	2	2														
22/ 21	.6																				1														
12/ 11	.4																	2	2	2															
10/ 9	.7																	3	3	3															
8/ 7	.2																	1	1	1	3														
6/ 5																					3														
2/ 1	.2																	1	1	1															
0/ -1	.9																	4	4	4	1														
-2/ -3	2.0	.2																10	10	9															
-4/ -5	1.1	.7																8	8	9	3														
-6/ -7	1.6	.5																9	9	9	8														
-8/ -9	1.6																	7	7	7	5														
-10/-11	2.5	.9																15	15	12	6														
-12/-13	3.2	.2																15	15	17	10														
-14/-15	3.9	.2																18	18	18	8														
-16/-17	4.1	.2																19	19	20	13														
-18/-19	5.0																	22	22	22	17														
-20/-21	6.8	1.1																35	35	34	20														
-22/-23	9.5	.5																44	44	43	18														
-24/-25	9.1	.7																43	43	43	17														
-26/-27	5.7	.2																26	26	28	26														
-28/-29	9.8	2.3																53	53	48	32														
-30/-31	7.7	.2																35	32	39	41														
-32/-33	8.8																	39	39	40	31														
-34/-35	6.6																	29	24	29	43														
-36/-37																			19		35														
-38/-39																			21		35														
-40/-41																			20		32														
-42/-43																			13		14														
-44/-45																			11		12														
-46/-47																			5		3														
-48/-49																			4		1														
-50/-51																			1																
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT ONT APT
STATION STATION NAME

57-66

YEARS

FER
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			
-52/-53																			1		1			
-54/-55																			2					
TOTAL	2.1	7.9																441	563	441	441			
																				</				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE INVT DOT APT
STATION	STATION NAME

57-66

YEARS

FEB
MONTH

PAGE 1 1200-1400
HOURS (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	.2																	1	1	1													
24/ 23	.2																	1	1	1	2												
22/ 21	.2																	1	1	1	1												
10/ 9	.7																	3	3	3													
8/ 7	.2																	1	1	1													
6/ 5	.2																	1	1	1	4												
4/ 3	.2																	1	1	1													
2/ 1	.9	.2																5	5	4	2												
0/ -1	.9																	4	4	3													
-2/ -3	1.6	.7																10	10	8	2												
-4/ -5	1.1																	5	5	7	7												
-6/ -7	1.4	.5																8	8	7	2												
-8/ -9	1.6	1.1																12	12	11	6												
-10/-11	4.1	.5																20	20	21	7												
-12/-13	3.4	.2																16	16	17	7												
-14/-15	3.2																	14	14	14	12												
-16/-17	3.2																	14	14	14	20												
-18/-19	4.3	.2																20	20	20	22												
-20/-21	5.5	.2																25	25	25	15												
-22/-23	8.0	.7																38	38	37	14												
-24/-25	11.2	.2																50	50	50	11												
-26/-27	6.6	1.4																35	35	34	24												
-28/-29	10.3	1.1																50	50	50	24												
-30/-31	8.9	.5																41	41	43	38												
-32/-33	7.3																	32	32	32	35												
-34/-35	7.1																	31	33	31	42												
-36/-37																			38		37												
-38/-39																			32		36												
-40/-41																			20		39												
-42/-43																			6		11												
-44/-45																			12		12												
-46/-47																			2		1												
-48/-49																			6		1												
-50/-51																			2		1												
Element (X)	Σ x ²	Σ x																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																																	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901 RESOLUTE NWT OUT APT
STATION STATION NAME

57-66

FER
MONTH

PAGE 2 1200-1400

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											
-52/-53																			1													
-54/-55																			2			2										
-56/-57																						2										
TOTAL	72.5	7.4																	564			439										
																		439			439											
													</																			

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION

37-66

YEARS

FEB
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														
20/ 19	.2																	1	1	1	1														
16/ 15	.2																	1	1	1	1														
14/ 13	.2																	1	1	1	1														
10/ 9	.2																	1	1	1	1														
8/ 7	.2																	1	1	1	1														
4/ 3	1.1																	5	5	5	1														
2/ 1	.9																	4	4	4	1														
0/ -1	1.1																	5	5	5	6														
-2/ -3	1.8	.5																10	10	9															
-4/ -5	1.1																	5	5	6	6														
-6/ -7	2.8	.5																14	14	14	6														
-8/ -9	3.4	.2																16	16	16	8														
-10/-11	2.3																	10	10	10	8														
-12/-13	3.0	.2																14	14	14	11														
-14/-15	2.1	.2																10	10	9	13														
-16/-17	2.4	.9																16	16	16	11														
-18/-19	6.4																	28	28	29	11														
-20/-21	3.4	.5																17	17	16	18														
-22/-23	8.7	.2																39	39	40	13														
-24/-25	10.6	.5																48	48	47	20														
-26/-27	9.2	.2																41	41	42	24														
-28/-29	9.1	1.4																48	48	44	24														
-30/-31	7.6	1.4																39	39	40	33														
-32/-33	6.9	.9																32	32	33	40														
-34/-35	6.4	.2																29	42	29	49														
-36/-37																					41														
-38/-39																					33														
-40/-41																					26														
-42/-43																					6														
-44/-45																					13														
-46/-47																																			
-48/-49																					1														
-50/-51																					1														
-52/-53																					4														
Element (X)	Σ X ²					Σ X					X̄					σ _X					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																										≤ 0 F					≤ 32 F				
Dry Bulb																										≥ 67 F					≥ 73 F				
Wet Bulb																										≥ 80 F					≥ 93 F				
Dew Point																															Total				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901	RESOLUTE NWT DIST APT
STATION	STATION NAME

57-66

FEA
MONTH

PAGE 2

1500-1700
HOURS S T

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

FEA
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										
10/ 9	.2																	1	1	1											
8/ 7																					1										
6/ 5	.9	.2																5	5	4											
4/ 3	1.1																	5	5	6	1										
2/ 1	.7	.2																4	4	4	6										
0/ -1	.7	.2																4	4	4	3										
-2/ -3	.5																	2	2	2	1										
-4/ -5	1.6	.2																8	8	7	4										
-6/ -7	3.7	.9																20	20	19	5										
-8/ -9	2.3																	10	10	12	6										
-10/-11	1.6	.9																9	9	8	12										
-12/-13	3.0	.7																16	16	15	13										
-14/-15	3.9	.9																19	19	20	6										
-16/-17	5.7	.2																26	26	26	12										
-18/-19	3.4																	15	15	16	20										
-20/-21	4.1																	18	18	18	12										
-22/-23	7.1	.2																32	32	31	27										
-24/-25	10.7	.8																49	49	48	14										
-26/-27	8.9	1.1																44	44	42	23										
-28/-29	7.5	.2																34	34	37	12										
-30/-31	10.3	1.1																50	50	48	38										
-32/-33	7.8																	34	34	37	40										
-34/-35	7.1	.5																33	36	32	38										
-36/-37																			29	1	39										
-38/-39																			39		39										
-40/-41																			23		33										
-42/-43																			10		10										
-44/-45																			7		13										
-46/-47																					4										
-48/-49																			4		1										
-50/-51																			3												
-52/-53																			1												
-54/-55																					2										
-56/-57																					1										
Element (X)	Σ x ²	Σ x	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
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

Y E A R S

17921 RESOLUTE GWT DOT APT
STATION STATION NAME

57-66

FFB

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															
TOTAL	92.7	7.3																438	564	438	436															

2

DATA PROCESSING DIVISION
USAF ETAC
AIR MEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DUT APT
STATION NAME

57-66

YEARS

FEB
MONTHPAGE 1 2100-2300
HOURS U. 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/ 11	.2																	1	1	1																
10/ 9	.5																	2	2	2	1															
8/ 7	.8																	3	3	3	1															
6/ 5	.2																	1	1	1	1															
4/ 3	.7																	3	3	3	3															
2/ 1	1.2																	5	5	5																
0/ -1	.2																	1	1	1	3															
-2/ -3	.9																	4	4	4	5															
-4/ -5	2.3	.7																13	13	11	1															
-6/ -7	3.3	.2																15	15	16	3															
-8/ -9	2.6	.2																12	12	13	9															
-10/-11	1.6	.2																8	8	8	12															
-12/-13	3.0																	13	13	13	10															
-14/-15	5.6	.2																25	25	24	11															
-16/-17	4.4																	19	19	20	8															
-18/-19	4.2	.7																21	21	21	14															
-20/-21	5.3	.7																26	26	24	19															
-22/-23	6.0	.7																29	29	31	26															
-24/-25	8.8	.2																39	39	39	14															
-26/-27	9.8	.2																43	43	42	23															
-28/-29	8.1	.7																38	38	37	20															
-30/-31	10.9	.7																50	50	51	38															
-32/-33	7.0	.2																31	33	31	36															
-34/-35	6.5	.2																29	38	30	38															
-36/-37																			39		38															
-38/-39																			28		37															
-40/-41																			21		25															
-42/-43																			13		13															
-44/-45																			3		12															
-46/-47																			6		1															
-48/-49																			7		5															
-50/-51																			5																	
-52/-53																					1															
-56/-57																					1															
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WPT OUT APT
STATION NAME

57-66

FFF
MANIA

PAGE 2 2100-2300
HOURS L. S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

YEARS

17901	RESOLUTE NOT OUT APT
STATION	STATION NAME

57-66

MAR
MONTH

PAGE 1 0000-0200

HOURS 11. 5. 1

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/ 9	.2																	1	1	1												
8/ 7																					1											
6/ 5	.2																	1	1	1												
4/ 3	.8																	4	4	4												
2/ 1	.4	.2																3	3	2	3											
0/ -1	1.8																	9	9	10	3											
-2/ -3	1.6	.4																10	10	8	2											
-4/ -5	2.4																	12	12	14	7											
-6/ -7	1.0																	5	5	5	10											
-8/ -9	2.4																	12	12	12	10											
-10/-11	3.0	.4																17	17	15	7											
-12/-13	3.2																	16	16	18	10											
-14/-15	1.6	.2																9	9	8	10											
-16/-17	4.6	.2																24	24	24	16											
-18/-19	6.0																	30	30	31	14											
-20/-21	5.8	.4																31	31	30	11											
-22/-23	7.8	.2																40	40	40	22											
-24/-25	9.0	.4																47	47	48	27											
-26/-27	5.6	.6																31	31	29	28											
-28/-29	7.8	1.0																44	44	45	29											
-30/-31	10.8	.2																54	54	54	40											
-32/-33	10.6	.2																54	54	54	31											
-34/-35	9.2																	46	53	47	41											
-36/-37	.2																	1	48	1	39											
-38/-39																			27		41											
-40/-41																			13		52											
-42/-43																			13		20											
-44/-45																			8		17											
-46/-47																			3		2											
-48/-49																					6											
-50/-51																			1													
-52/-53																					1											
TOTAL	35.6	4.4																501	620	501	500											

Element (X)	Σx^2	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2483394	34955	69.9	9.919	500	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	487704	-16064	-25.9	10.747	620	91.7	93.0					93
Wet Bulb	308655	-11473	-22.9	9.583	501	91.5	93.0					93
Dew Point	497915	-14787	-29.6	11.021	500	92.3	93.0					93

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION

57-66

YEARS

MAR
MONTH

PAGE 1 0300-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
14/ 13	.2																																	1	1	1		
10/ 9																																				1		
8/ 7	.2																																	1	1	1		
4/ 3	.4																																	2	2	2	1	
2/ 1	1.0																																	8	8	8		
0/ -1	.6																																	3	3	3	6	
-2/ -3	2.2	.2																																12	12	11	4	
-4/ -5	2.2	.4																																13	13	12	3	
-6/ -7	.6	.2																																4	4	6	11	
-8/ -9	3.4																																	17	17	17	10	
-10/-11	3.0	.4																																17	17	17	7	
-12/-13	2.0																																	10	10	10	10	
-14/-15	2.2	.2																																12	12	12	12	
-16/-17	3.0	.2																																16	16	15	19	
-18/-19	7.7	.2																																39	39	39	9	
-20/-21	7.3	.4																																38	38	37	10	
-22/-23	4.0	.2																																21	21	22	27	
-24/-25	8.9	.2																																45	45	45	27	
-26/-27	8.7	.2																																44	44	45	31	
-28/-29	6.3	.4																																33	33	32	18	
-30/-31	10.5	1.2																																58	59	55	29	
-32/-33	8.7	.2																																44	45	47	38	
-34/-35	10.7	.2																																54	60	55	34	
-36/-37	.4																																	2	51	2	52	
-38/-39																																			26		33	
-40/-41																																			18		47	
-42/-43																																			11		19	
-44/-45																																			10		27	
-46/-47																																			3		2	
-48/-49																																			1		5	
TOTAL	95.1	4.9																																	494	620	494	492
Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.	2436901	34337	69.8	9.082	492	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																											
Dry Bulb	494268	-16162	-26.1	10.857	620	91.2	93.0																															
Wet Bulb	305551	-11313	-22.9	9.709	494	90.7	93.0																															
Dew Point	492124	-14550	-29.6	11.222	492	92.6	93.0																															

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

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWY DOT APT
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MAR
MONTHPAGE 1 0600-0800
HOURS

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/-9	.2																	1	1	1														
8/-7	.4																	1	1	1	1	1												
4/-3	.6																	3	3	3	3	1												
2/-1	1.2																	6	6	6														
0/-1	1.0	.2																4	6	5	5													
-2/-3	2.4	.2																13	13	14	3													
-4/-5	.8	.6																7	7	5	5													
-6/-7	1.4	.2																8	8	10	14													
-8/-9	3.2	.2																17	17	16	7													
-10/-11	2.4																	12	12	13	7													
-12/-13	1.6	.2																9	9	9	9													
-14/-15	4.4	.2																23	23	24	15													
-16/-17	4.0																	20	20	20	7													
-18/-19	4.4	.6																25	25	22	12													
-20/-21	5.3	.2																28	28	30	25													
-22/-23	5.7	.6																32	32	31	22													
-24/-25	7.4	.4																42	42	43	19													
-26/-27	8.5	.2																44	44	45	26													
-28/-29	10.1	.4																53	53	52	20													
-30/-31	11.1	.6																59	59	59	31													
-32/-33	9.5	.4																50	50	51	46													
-34/-35	8.7	.2																45	51	45	40													
-36/-37	.2																	1	44	1	52													
-38/-39																			28		45													
-40/-41																			19		44													
-42/-43																			8		17													
-44/-45																			1		22													
-46/-47																				1	2													
-48/-49																				2	3													
-50/-51																					2													
-54/-55																						1												
-56/-57																						1												
TOTAL	74.7	5.3																305	620	505	504													
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.	2487721	35101	69.6	9.259	504	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	486177	-16053	-25.9	10.667	620	91.4	93.0						93																					
Wet Bulb	314332	-11636	-23.0	9.576	505	91.0	93.0						93																					
Dew Point	509047	-13013	-29.8	11.088	504	92.6	93.0						93																					

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

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT OUT APT
STATION STATION NAME

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YEARS

MAR
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															
8/-7			.4															1	1	1															
6/-5		.2																1	1	1															
4/-3	1.1																	6	6	6												1			
2/-1	1.7	.2																10	10	10												2			
0/-1	1.3	.2																9	8	7												6			
-2/-3	.2	.4																3	3	3												9			
-4/-5	1.5	.2																9	9	9												6			
-6/-7	2.6																	14	14	14												4			
-8/-9	2.3																	12	12	12												7			
-10/-11	1.9	.6																13	13	13												7			
-12/-13	2.8	.4																17	17	17												18			
-14/-15	2.8	.2																16	16	16												7			
-16/-17	3.8	.4																22	22	21												13			
-18/-19	4.5	.6																27	27	27												16			
-20/-21	5.1	.9																32	32	30												13			
-22/-23	7.0	.9																42	42	42												18			
-24/-25	10.3																	55	55	58												22			
-26/-27	9.6	.6																54	54	52												30			
-28/-29	9.0	.8																52	53	53												30			
-30/-31	9.6	.8																54	54	52												49			
-32/-33	8.8	.4																49	49	52												48			
-34/-35	6.2	.4																35	41	35												56			
-36/-37																																	47		
-38/-39																			16														44		
-40/-41																				17													43		
-42/-43																				11													11		
-44/-45																				5													12		
-46/-47																																	2		
-48/-49																																		6	
-50/-51																																		1	
-52/-53																																		3	
-54/-55																																		1	
TOTAL	92.3	7.7																532	620	532												532			
Element (X)	Σx'		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	2591787		36755		69.2		9.483		531		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	448417		-13357		-24.8		10.484		620		90.3		93.0										93												
Wet Bulb	318370		-12006		-22.6		9.470		532		89.9		93.0										93												
Dew Point	525534		-15684		-29.5		10.905		532		92.5		93.0										93												

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

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DNT APT
STATION STATION NAME

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YEARS

MAR
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		
12/ 11	.2																	1	1	1			
8/ 7	.4																	1	1	1	1		
6/ 5	.7																	4	4	4	1		
4/ 3	1.2																	7	7	7			
2/ 1	1.4																	9	8	8	6		
0/ -1	1.1																	6	6	6	8		
-2/ -3	1.6	.2																10	10	9	5		
-4/ -5	1.2																	7	7	8	7		
-6/ -7	1.6	.4																11	11	10	5		
-8/ -9	2.3	.4																15	15	16	7		
-10/-11	2.5	.5																17	17	14	9		
-12/-13	3.9	.2																23	23	26	15		
-14/-15	4.8	.4																29	29	27	10		
-16/-17	2.8	.2																17	17	18	15		
-18/-19	4.6	.5																29	29	28	23		
-20/-21	6.4	.7																40	40	41	21		
-22/-23	7.6	1.1																49	49	48	21		
-24/-25	8.2	.4																48	48	48	29		
-26/-27	11.2	.9																68	68	67	28		
-28/-29	9.1	.7																55	55	57	37		
-30/-31	9.9	.4																58	58	59	37		
-32/-33	5.5																	31	31	31	58		
-34/-35	5.2																	29	33	29	61		
-36/-37																			23		50		
-38/-39																			13		37		
-40/-41																			7		39		
-42/-43																			8		16		
-44/-45																			2		8		
-46/-47																					1		
-48/-49																					5		
-50/-51																					2		
-54/-55																					1		
TOTAL	93.3	6.7																563	620	563	563		
Element (X)	Σ X'	Σ X	̄X	s _x	No. Obs.	Mean No. of Hours with Temperature							Total										
Rel. Hum.	2748061	38991	69.3	9.214	563	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb	397485	-14327	-23.110	338	620	89.9	93.0					93											
Wet Bulb	314205	-12171	-21.6	9.535	563	89.5	93.0					93											
Dew Point	525851	-16073	-28.510	9.17	563	91.7	93.0					93											

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WAT DOT APT
STATION

57-66

YEARS

MAR

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			
12/ 11	.2																	1	1	1				
10/ 9	.2																	1	1	1	1			
8/ 7	.2																	1	1	1				
6/ 5	.4																	5	5	5	1			
4/ 3	1.4																	8	8	8	3			
2/ 1	1.2																	7	7	7	7			
0/ -1	.9																	5	5	5	6			
-2/ -3	1.4	.2																9	9	9	5			
-4/ -5	1.2	.2																8	8	9	6			
-6/ -7	1.8																	10	10	10	4			
-8/ -9	3.9																	20	20	20	12			
-10/-11	2.9	.2																14	14	13	8			
-12/-13	4.4																	29	29	26	16			
-14/-15	3.0	.7																21	21	18	7			
-16/-17	5.1	.2																30	30	33	13			
-18/-19	4.1	.5																26	26	23	22			
-20/-21	5.3	.5																33	33	34	24			
-22/-23	8.9	.9																53	53	54	25			
-24/-25	8.9	.4																50	50	50	22			
-26/-27	10.3																	58	58	59	31			
-28/-29	8.9	.2																48	48	48	32			
-30/-31	9.0	.7																55	55	54	40			
-32/-33	8.9	.5																50	50	48	46			
-34/-35	4.6																	26	31	29	57			
-36/-37																			19		48			
-38/-39																			7		49			
-40/-41																			14		45			
-42/-43																			11		12			
-44/-45																					9			
-46/-47																					4			
-48/-49																					1			
-50/-51																					1			
-52/-53																					1			
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

MAP
MONTH

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

[illegible]

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

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

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4AR
MONTH

PAGE 1 1800-2000
HOURS (L, S, T, J)

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	.2																	1	1	1													
10/9	.2																	1	1	1	1												
8/7	.2																	1	1	1	1												
6/5	.7																	4	4	4													
4/3	.7																	4	4	4	3												
2/1	1.5	.2																9	9	8	3												
0/-1	1.1																	6	6	7	5												
-2/-3	1.9																	10	10	10	6												
-4/-5	.9																	5	5	5	7												
-6/-7	2.2																	12	12	12	9												
-8/-9	2.6	.2																15	15	14	5												
-10/-11	2.6	.2																15	15	16	9												
-12/-13	1.7	.2																10	10	10	15												
-14/-15	4.1	.9																27	27	27	6												
-16/-17	5.4	.4																31	31	30	13												
-18/-19	4.3	.4																25	25	24	13												
-20/-21	5.0	.4																29	29	31	21												
-22/-23	7.8	.9																47	47	45	32												
-24/-25	7.4	.4																42	42	42	23												
-26/-27	9.7	.4																54	54	55	29												
-28/-29	9.3	.2																51	51	52	33												
-30/-31	9.5	.7																55	55	53	30												
-32/-33	8.4	.2																46	46	47	47												
-34/-35	6.5																	35	40	36	48												
-36/-37	.4																	2	36	2	54												
-38/-39																			14		37												
-40/-41																			10		49												
-42/-43																			15		14												
-44/-45																			4		18												
-46/-47																			1		3												
-54/-55																					1												
TOTAL	74.4	5.6																537	620	537	535												

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2628068	37196	69.5	8.869	535	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	438524	-15068	-24.3	10.809	620	90.0	93.0					93
Wet Bulb	314162	-11878	-22.1	9.796	537	89.7	93.0					93
Dew Point	513246	-15456	-28.9	11.178	535	91.6	93.0					93

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

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4 AR
MONTH

PAGE 1 2100-2300
HOURS S I

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	.2																	1	1	1																	
13/ 9																					1																
6/ 5	.2																	1	1	1																	
4/ 3	1.0																	4	3	4	1																
2/ 1	1.2	.2																7	7	7	3																
0/ -1	1.7																	9	9	9	6																
-2/ -3	1.2																	6	6	6	3																
-4/ -5	2.1	.2																17	12	11	8																
-6/ -7	2.1																	11	11	12	9																
-8/ -9	1.9	.2																11	11	17	6																
-10/-11	2.1																	11	11	12	12																
-12/-13	2.7	.2																15	15	14	9																
-14/-15	3.5	.2																19	19	20	9																
-16/-17	6.4	.6																36	36	34	13																
-18/-19	4.3	1.0																27	27	27	14																
-20/-21	4.8	.4																27	27	29	22																
-22/-23	8.5	.2																45	45	46	29																
-24/-25	7.9	.6																44	44	43	23																
-26/-27	7.9	.4																43	43	43	26																
-28/-29	8.7	.8																49	49	48	35																
-30/-31	11.6	.8																63	63	63	33																
-32/-33	6.8	.4																37	37	38	43																
-34/-35	7.2																	37	43	39	42																
-36/-37	.2																	1	38	1	46																
-38/-39																			79		47																
-40/-41																			12		46																
-42/-43																			5		12																
-44/-45																			12		11																
-46/-47																			2		3																
-48/-49																					2																
-50/-51																					1																
-52/-53																					1																
TOTAL	94.2	5.8																317	620	517	516																

Element (X)	Σ x'	Σ x	̄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.	2586421	36247	70.2	8.836	516							93
Dry Bulb	457162	-15464	-24.9	10.744	620	90.9	93.0					93
Wet Bulb	303300	-11508	-22.3	9.558	517	90.9	93.0					93
Dew Point	491292	-14888	-28.9	10.946	516	92.1	93.0					93

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DUT APT
STATION STATION NAME

57-66

YEARS

APR
MONTH

PAGE 1 0000-0200

HOURS (L, S, T, I)

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/ 15	.2																	1	1	1					
14/ 13	.7																	5	5	5					
12/ 11	1.0	.2																7	7	6	3				
10/ 9	.5	1.4																11	11	9	3				
8/ 7	.3	.3																4	4	6	6				
6/ 5	.9	.5																5	8	7	5				
4/ 3	2.7	1.0																22	22	21	5				
2/ 1	2.4	.7																18	18	20	7				
0/ -1	2.9	1.0																23	23	22	14				
-2/ -3	4.8	1.5																37	37	37	17				
-4/ -5	4.1	.7																28	28	28	22				
-6/ -7	3.2	.3																21	21	22	23				
-8/ -9	6.1	.2																37	37	39	39				
-10/-11	6.1	.7																40	40	39	20				
-12/-13	5.1	.7																34	34	34	31				
-14/-15	5.8	.7																38	38	35	27				
-16/-17	4.9	1.5																38	38	37	38				
-18/-19	6.8	.5																43	43	48	33				
-20/-21	5.6	1.0																39	39	36	26				
-22/-23	6.1	.5																39	39	41	36				
-24/-25	5.1	.2																32	32	33	30				
-26/-27	2.2																	13	13	13	44				
-28/-29	3.0	.3																23	23	22	35				
-30/-31	1.5	.7																13	13	13	37				
-32/-33	1.4	.2																9	9	10	25				
-34/-35	.5																	3	4	3	16				
-36/-37																			4		20				
-38/-39																			5		6				
-40/-41																			4		8				
-42/-43																					5				
-48/-49																					1				
TOTAL	5,015.0																	586	600	586	586				

Element (X)	Σx'	Σx	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3110958	42490	72.5	7,170	586	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	179149	-7839	-13,111.326	600	78.6	90.0						90
Wet Bulb	159968	-7386	-12,610.692	586	78.6	90.0						90
Dew Point	286365	-11039	-18,611.724	586	85.5	90.0						90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

YEARS

APR
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						
14/ 13	.5																	3	3	3							
12/ 11	.4	.9																10	10	4							
10/ 9	.2	.7																5	5	7	2						
8/ 7	.5	.9																6	6	7	7						
6/ 5	1.2	.3																9	9	9	5						
4/ 3	2.2	.3																16	16	15	8						
2/ 1	3.1	.2																19	19	21	8						
0/ -1	3.3	2.2																32	32	24	5						
-2/ -3	4.3	.7																27	29	34	22						
-4/ -5	2.7	.5																19	19	22	26						
-6/ -7	4.3	.3																28	28	27	19						
-8/ -9	4.6	1.0																33	33	31	32						
-10/-11	5.7	1.2																40	40	41	22						
-12/-13	5.0	.5																32	32	33	31						
-14/-15	5.1	.5																33	33	32	20						
-16/-17	4.6	.5																30	30	31	36						
-18/-19	6.7	1.4																47	47	45	36						
-20/-21	5.7	1.4																41	41	42	33						
-22/-23	6.3	.5																40	40	41	25						
-24/-25	6.0	.7																39	39	38	28						
-26/-27	3.3	.2																20	20	21	43						
-28/-29	2.2	.3																15	15	15	32						
-30/-31	2.4	.5																17	17	16	42						
-32/-33	2.7	.2																17	17	19	26						
-34/-35	.5																	3	3	3	26						
-36/-37																			10		13						
-38/-39																			4		17						
-40/-41																			3		11						
-42/-43																					6						
-44/-45																					2						
TOTAL	4.2	15.8																583	600	583	583						
Element (X)	Zx'	Zx	X	Xs	No. Obs.	Mean No. of Hours with Temperature							Total														
Rel. Hum.	3054370	41978	72.0	7.393	583	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																
Dry Bulb	196131	-8377	-14.0	11.497	600	79.8	90.0					90															
Wet Bulb	173781	-7829	-13.4	10.860	583	79.5	90.0					90															
Dew Point	310226	-11512	-19.7	11.935	583	85.4	90.0					90															

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NW1 DOT APT
STATION NAME

57-66

YEARS

APR
MONTH

PAGE 1 0600-0800
HOURS T.L.S. T.L.

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/ 15			.3															2	2									
14/ 13		.5	.7															7	7	5								
12/ 11		.5	.2															4	4	7	1							
10/ 9		.3	.2															3	3	3	4							
8/ 7		.9	.9															10	10	8	7							
6/ 5		1.2	1.7															17	17	14	2							
4/ 3		1.5	1.5															18	18	21	4							
2/ 1		2.9	1.0															23	23	25	10							
0/ -1		2.4	2.2															27	27	23	19							
-2/ -3		2.2	1.4															21	21	22	22							
-4/ -5		3.6	1.2															28	28	30	22							
-6/ -7		5.5	.7															36	36	35	24							
-8/ -9		3.8	.5															25	25	28	25							
-10/-11		5.5	.3															34	34	32	29							
-12/-13		5.3	.7															35	35	35	34							
-14/-15		5.5	1.2															39	39	36	20							
-16/-17		4.9	1.0															35	35	37	29							
-18/-19		5.6	.7															37	37	37	35							
-20/-21		7.0	1.0															47	47	46	28							
-22/-23		4.9	.5															32	32	35	27							
-24/-25		4.4	.9															33	33	31	44							
-26/-27		4.1	.3															26	26	27	41							
-28/-29		2.6	.2															16	16	18	32							
-30/-31		2.0	.3															14	14	12	22							
-32/-33		2.2	.2															14	15	16	27							
-34/-35		.5																3	5	3	27							
-36/-37																			3		17							
-38/-39																			5		15							
-40/-41																				1		16						
-42/-43																				2								
-44/-45																												
-46/-47																							2					
TOTAL		10.219.8																586	600	586	586							
Element (X)	Σx^2	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature							Total															
Rel. Hum.	3045228	42004	71.7	7.670	586	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb	185481	-7935	-13.2	11.596	600	77.4	90.0					90																
Wet Bulb	166922	-7522	-12.8	10.968	586	77.3	90.0					90																
Dew Point	302506	-11276	-19.2	12.092	586	85.7	90.0					90																

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DMT APT
STATION NAME

57-66

YEARS

APR

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																
18/ 17			.2																1	1																	
16/ 15		.3	.3																4	4	5																
14/ 13		.3	1.4																11	11	6	1															
12/ 11		.3	.3																4	4	4	5															
10/ 9		1.0	1.4																14	14	10	3															
8/ 7		1.5	1.5																18	18	18	6															
6/ 5		1.4	1.0																14	14	14	13															
4/ 3		1.7	1.2																17	17	22	12															
2/ 1		2.5	1.7																25	25	23	12															
0/ -1		3.2	1.2																26	26	24	18															
-2/ -3		4.4	2.0																38	38	34	27															
-4/ -5		4.4	.5																29	29	36	23															
-6/ -7		5.2	.3																33	33	33	22															
-8/ -9		5.4	.2																33	33	34	41															
-10/-11		4.6	.7																31	31	29	36															
-12/-13		6.4	.5																41	41	42	23															
-14/-15		6.4	.7																42	42	42	21															
-16/-17		4.7	.3																30	30	30	30															
-18/-19		6.3	.8																42	42	40	37															
-20/-21		6.1	.3																38	38	40	41															
-22/-23		5.2	.2																37	37	32	28															
-24/-25		3.7	.2																23	23	23	29															
-26/-27		2.7																	16	16	17	40															
-28/-29		1.7																	10	10	10	26															
-30/-31		1.7	.3																12	12	12	35															
-32/-33		.8	.2																6	6	6	14															
-34/-35		.3																	2	2	2	17															
-36/-37																				3		12															
-38/-39																					3	8															
-40/-41																				2		3															
-42/-43																						1															
-44/-45																																					
TOTAL	2.6	17.4																	592	600	592	592															
Element (X)	Z _x	Z _y	X̄	Ȳ	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	3176898	43124	72.6	7.756	592	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb	148870	-6430	-10.7	11.554	600	73.8	90.0					90																									
Wet Bulb	137702	-6230	-10.5	11.048	592	73.9	90.0					90																									
Dew Point	252694	-9876	-16.7	12.194	592	82.1	90.0					90																									

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE SERVICE/AC

PSYCHROMETRIC SUMMARY

17911 RESCUE RT DOT APT
STATION NAME

57-66

YEARS

APR
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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14/ 13																																	5	6	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
12/ 11																																	7	7	8	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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0/ -1																																	29	29	29	29																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-2/ -3																																	43	43	47	24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-4/ -5																																	36	36	36	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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-26/-27																																	12	12	12	30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
-28/-29																																	11	11	12	28																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TOTAL	78.1	21.7																																598	600	598	598																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Element (X)	Σ x	Σ x ²	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

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APR
MONTH

PAGE 2 1500-1700
HOURS S. T.

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USAFETAC
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0-26.5 (OL A)
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NAT DOT APT
STATION STATION NAME

57-66

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PAGE 1 1800-2000

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DATA PROCESSING DIVISION
USAF ETAF
AIR SEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WHI OUT APT
STATION STATION NAME

57-66

APR
MONTH

YEARS

PAGE 2 1900-2000
HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEAR

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APR
MAY

PAGE 1 2100-2300
HQ-RS 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			
18/ 17	.4																	1	1	1				
16/ 15		.2																1	1					
14/ 13	.7	.5																6	6	6	1			
12/ 11	1.4	.7																12	12	11	1			
10/ 9		.7																4	4	5	5			
8/ 7	.3	1.0																3	8	4	9			
6/ 5	1.4	.7																12	12	16	2			
4/ 3	3.7	1.0																28	28	26	6			
2/ 1	3.2	1.2																26	26	26	12			
0/ -1	4.4	1.2																33	33	31	21			
-2/ -3	3.2	1.5																28	28	29	21			
-4/ -5	4.2	.5																28	28	30	37			
-6/ -7	4.1	.5																25	28	28	23			
-8/ -9	5.3	.5																33	33	34	31			
-10/-11	6.0	.5																42	42	42	26			
-12/-13	6.3	.8																42	42	40	28			
-14/-15	5.6	1.5																42	42	38	28			
-16/-17	4.9	1.7																39	39	40	29			
-18/-19	5.6	1.0																39	39	43	43			
-20/-21	6.3	.8																42	42	41	26			
-22/-23	3.9																	23	23	25	37			
-24/-25	2.4	.2																15	15	15	30			
-26/-27	3.1	.2																19	19	18	57			
-28/-29	1.5	.2																10	10	11	25			
-30/-31	2.4																	14	14	14	24			
-32/-33	1.2																	7	7	7	15			
-34/-35	1.0	.3																8	9	6	13			
-36/-37																			6	2	13			
-38/-39																			1		6			
-40/-41																			2		8			
-42/-43																					5			
-44/-45																					8			
TOTAL	12.7	17.3																590	600	590	590			
Element (X)	Σ x'	Σ x	̄ x	s _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	311855	42681	72.3	7.253	590	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	157190	-6910	-11.5	11.383	600	75.3	90.0														90			
Wet Bulb	144387	-6637	-11.2	10.880	590	75.4	90.0														90			
Dew Point	267147	-10357	-17.6	12.037	590	84.5	90.0														90			

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

179.1 RESOLUTE RWT DDT APT
STATION NAME

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YEARS

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																
34/ 33			.3																2	2																
32/ 31		.4																	4	4															3	
30/ 29			1.2																7	8															3	
28/ 27	1.0	1.2																	15	15															2	
26/ 25	1.9	1.3																	22	22															18	
24/ 23	2.9	2.6																	38	38															19	
22/ 21	3.4	4.1																	51	51															31	
20/ 19	2.8	4.3																	48	48															31	
18/ 17	3.3	3.2																	46	46															45	
16/ 15	3.7	2.8																	44	44															36	
14/ 13	2.3	3.4																	39	39															53	
12/ 11	4.0	4.7																	59	59															29	
10/ 9	2.8	1.9																	32	32															33	
8/ 7	3.0	2.3																	50	50															34	
6/ 5	4.4	1.5																	40	40															44	
4/ 3	3.2	2.1																	36	36															55	
2/ 1	2.1	.9																	20	20															43	
0/ -1	2.6	1.8																	28	28															24	
-2/ -3	1.3	1.3																	18	18															25	
-4/ -5	2.3	1.0																	23	23															33	
-6/ -7	2.3	1.2																	25	25															19	
-8/ -9	2.2	.4																	18	18															17	
-10/-11	.9	.1																	7	7															20	
-12/-13	.7																		5	5															24	
-14/-15	.6																		4	4															23	
-16/-17																																				8
-18/-19																																				4
-20/-21																																				4
-22/-23																																				2
TOTAL	56.7	43.3																	682														682		682	
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	4533690	55360	81.2	7.659	682	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	153951	7387	10.8	10.417	682	17.5	92.7					93																								
Wet Bulb	145924	7078	10.4	10.316	682	17.7	93.0					93																								
Dew Point	118124	4214	6.2	11.628	682	27.7	93.0					93																								

USAFETAC FORM 0-26-5 (O.L.A.)
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WWT DDT APT
STATION NAME

57-66

YEARS

MAY
MONTH

PAGE 1 0300-0900

HOURS L. S. T.

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
32/ 31		.7	.4																8	8	7	3					
30/ 29		.1	.9																7	7	2	5					
28/ 27		.3	.7																7	7	12	1					
26/ 25		1.5	2.1																24	24	18	13					
24/ 23		2.3	3.8																42	42	32	16					
22/ 21		3.4	1.9	.1															37	37	44	31					
20/ 19		4.1	4.4																58	58	55	32					
18/ 17		4.3	3.7																54	54	55	48					
16/ 15		2.8	2.1																33	33	40	38					
14/ 13		1.3	2.6																27	27	20	41					
12/ 11		3.4	3.2																45	45	40	36					
10/ 9		5.6	3.1																59	59	65	23					
8/ 7		6.5	2.1																58	58	62	30					
6/ 5		4.2	1.0																35	35	39	56					
4/ 3		2.3	1.5																26	26	22	59					
2/ 1		2.5	1.3																26	26	31	36					
0/ -1		2.8	1.5																29	29	27	30					
-2/ -3		2.8	.7																24	24	28	29					
-4/ -5		2.2	.9																21	21	16	24					
-6/ -7		2.5	.7																22	22	26	23					
-8/ -9		1.9	.4																16	16	16	22					
-10/-11		1.5	.3																12	12	13	19					
-12/-13		.9																	6	6	6	19					
-14/-15		.3																	2	2	2	27					
-16/-17		.3																	2	2	2	6					
-18/-19		.3																	2	2	2	9					
-20/-21																						1					
-22/-23																						3					
-24/-25																						1					
-26/-27																						1					
TOTAL		60.6	39.3	.1															682	682	682	682					
																						682		682		682	
Element (X)		Σ x'	Σ x	Σ	Σ x	No. Obs.		Mean No. of Hours with Temperature																			
Rel. Hum.		4556014	55500	81.4	7.618	682		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb		148763	7075	10.4	10.520	682		18.5	93.0					93													
Wet Bulb		141242	6795	10.0	10.392	682		18.8	93.0					93													
Dew Point		116312	3940	3.8	11.721	682		29.2	93.0					93													

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION NAME

57-66

YEARS

MAY
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											
32/ 31		.9	.7																11	11	9	3											
30/ 29		.3	.4																6	6	6	7											
28/ 27		.4	1.4																15	15	9	5											
26/ 25		1.2	2.2	.1															24	24	26	14											
24/ 23		2.5	4.4																47	47	37	15											
22/ 21		3.4	4.0																50	50	52	31											
20/ 19		4.1	4.0																55	55	54	50											
18/ 17		3.1	1.8	.1															34	34	40	43											
16/ 15		4.3	2.5																46	46	45	37											
14/ 13		2.2	3.4																38	38	36	35											
12/ 11		4.8	4.1																61	61	56	42											
10/ 9		6.0	1.9																54	54	62	28											
8/ 7		5.1	1.8																47	47	51	43											
6/ 5		2.8	2.2																34	34	33	62											
4/ 3		2.3	1.5																26	26	26	51											
2/ 1		2.3	.9																22	22	22	28											
0/ -1		2.8	1.5																29	29	32	25											
-2/ -3		1.6	.7																16	16	17	32											
-4/ -5		2.8	.7																24	24	23	26											
-6/ -7		1.9	.9																19	19	17	20											
-8/ -9		1.6																	11	11	16	18											
-10/-11		1.0																	7	7	7	17											
-12/-13		.3	.1																3	3	2	23											
-14/-15		.1	.1																2	2	2	13											
-16/-17			.1																1	1	2	5											
-18/-19																						4											
-20/-21																						2											
-22/-23																						1											
-24/-25																						2											
TOTAL		57.9	41.8	.3															682	682	682	682											

USAFETAC FORM 0-26-5 (OL A) JUL 64
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DQT APT
STATION

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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				
32/ 31	.9	1.5	.1															17	17	10	4				
30/ 29	.4	1.8																15	15	12	8				
28/ 27	.9	2.6																24	24	24	13				
26/ 25	1.9	4.6	.1															45	45	37	15				
24/ 23	2.1	4.0																41	41	40	42				
22/ 21	3.2	4.8																55	56	56	26				
20/ 19	3.1	3.5																45	45	47	49				
18/ 17	2.9	3.4	.1															44	44	49	41				
16/ 15	4.1	5.0																62	62	55	41				
14/ 13	2.8	4.8																52	52	47	39				
12/ 11	3.2	2.9																42	42	55	54				
10/ 9	4.0	3.1																48	48	44	37				
8/ 7	2.8	2.2																34	34	39	46				
6/ 5	3.1	1.5																31	31	36	44				
4/ 3	2.5	1.8																28	28	23	40				
2/ 1	2.1	.9																20	20	27	27				
0/ -1	1.3	1.3																18	18	15	30				
-2/ -3	1.9	1.5																23	23	22	25				
-4/ -5	1.8	.6																16	16	18	18				
-6/ -7	1.3	.3																12	12	15	12				
-8/ -9	.6																	4	4	5	24				
-10/-11	.3	.1																3	3	3	17				
-12/-13		.3																2	2		19				
-14/-15																				2	4				
-16/-17																					3				
-18/-19																					1				
-22/-23																					2				
TOTAL	47.3	52.3	.4															681	682		681				
																		</							

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901

RESOLUTE NWT DDT APT

57-66

MAY

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						
34/ 33			.4															3	3	3							
32/ 31		.7	2.2															20	20	11	5						
30/ 29		.9	2.6															24	24	21	17						
28/ 27		1.6	4.0															34	38	30	13						
26/ 25		1.6	3.4															48	48	46	24						
24/ 23		2.9	6.6															65	65	63	44						
22/ 21		2.8	4.1															47	47	34	42						
20/ 19		2.6	4.6															49	49	44	38						
18/ 17		3.4	4.7															55	55	57	47						
16/ 15		3.1	5.3															57	57	59	33						
14/ 13		2.9	3.2															42	42	46	49						
12/ 11		4.3	4.4															59	59	52	32						
10/ 9		2.3	3.7															41	41	46	46						
8/ 7		2.4	2.3															34	34	38	39						
6/ 5		2.6	.6															22	22	28	46						
4/ 3		1.5	1.2															18	18	20	38						
2/ 1		1.2	1.3															17	17	17	28						
0/ -1		1.2	1.6															19	19	18	21						
-2/ -3		1.5	.1															11	11	14	15						
-4/ -5		1.0	.3															9	9	9	14						
-6/ -7		.4																3	3	3	24						
-8/ -9																					16						
-10/-11																					6						
-12/-13																					3						
-14/-15																					1						
TOTAL	41.358.7																	681	681	681	681						
																						681		681			
																						</					

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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57-66

MAY
MONTH

PAGE 1 1800-2000
HOURS: S T I

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			
36/ 35			.3															2	2					
34/ 33			.4															3	3					
32/ 31			1.2															8	8		2			
30/ 29		.6	2.6															22	22	14	9			
28/ 27		.6	3.7															29	29	24	18			
26/ 25		2.3	4.3															47	47	45	20			
24/ 23		2.8	4.1															47	47	46	43			
22/ 21		4.0	4.7															59	59	69	39			
20/ 19		2.6	6.5															63	63	50	49			
18/ 17		3.1	4.5															52	52	54	48			
16/ 15		3.2	5.1															57	57	51	52			
14/ 13		2.6	3.5															42	42	55	35			
12/ 11		3.7	2.8															44	44	46	48			
10/ 9		3.5	4.7															56	56	48	46			
8/ 7		1.6	2.2															26	26	35	43			
6/ 5		2.5	2.1															31	31	29	47			
4/ 3		1.5	1.2															18	18	26	27			
2/ 1		1.6	1.6															22	22	19	31			
0/ -1		1.3	1.5															19	19	21	24			
-2/ -3		1.7	.6															17	17	19	26			
-4/ -5		1.8	.4															15	15	15	14			
-6/ -7		.3	.1															3	3	4	23			
-8/ -9																					19			
-10/-11																					15			
-12/-13																					2			
-14/-15																					2			
TOTAL	41.6	58.4																682	682	682	682			

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4609243	35823	81.9	7.666	682							93
Dry Bulb	214124	10399	15.2	9.033	682	7.4	92.3					93
Wet Bulb	199910	9974	14.6	8.908	682	8.0	92.7					93
Dew Point	150009	7289	10.7	10.290	682	17.0	93.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT UNIT APT
STATION	STATION NAME

57-66

544

PAGE 1 2100-2300
HOURS : S. T. I

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			.4															3	3													
32/ 31	.4		.1															4	4	6	1											
30/ 29		1.8																12	12	7	5											
28/ 27	1.9	1.6																21	21	21	8											
26/ 25	2.4	3.1																40	40	36	22											
24/ 23	3.5	3.2																46	46	44	33											
22/ 21	3.8	4.6																57	57	56	41											
20/ 19	3.4	4.1																51	51	48	35											
18/ 17	3.5	4.4																54	54	49	52											
16/ 15	3.2	3.8																48	48	55	41											
14/ 13	3.5	2.9																44	44	49	48											
12/ 11	3.4	3.5																47	47	41	32											
10/ 9	3.7	2.3																41	41	49	44											
8/ 7	4.6	2.5																48	48	44	38											
6/ 5	2.9	2.8																39	39	35	42											
4/ 3	1.5	1.6																21	21	30	45											
2/ 1	1.5	.7																15	15	19	32											
0/ -1	.4	1.6																14	14	10	27											
-2/ -3	3.2	1.2																30	30	31	31											
-4/ -5	2.3	.7																21	21	24	9											
-6/ -7	1.6	.4																14	14	14	17											
-8/ -9	.7	.3																7	7	8	28											
-10/-11	.1	.1																2	2	3	19											
-12/-13	.3																	2	2	2	16											
-14/-15																					9											
-16/-17																					2											
-18/-19																					3											
-20/-21																					1											
TOTAL	52.0	48.0																681	681	681	681											

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4598871	55712	81.8	7.761	681	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	182949	8981	13.2	9.740	681	12.3	92.6					93
Wet Bulb	172780	8632	12.7	9.653	681	12.6	93.0					93
Dew Point	133852	5878	8.611	0.56	681	22.1	93.0					93

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NAT DMT APT
STATION NAME

57-66

YEARS

JUN
MONTH

PAGE 1 0000-0200
HOURS

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	
48/ 47					.2		.2																									2	2				
44/ 43					.4																											6	6	1			
42/ 41			1.4		.6																											13	13	1			
40/ 39			.3	1.7			.3																									13	19	15			
38/ 37		.3	4.7		.4																											39	39	17	4		
36/ 35		.6	4.7	1.1		.2																										43	43	52	30		
34/ 33		3.0	6.4	1.7																												73	73	62	47		
32/ 31		6.7	14.7	1.4																												148	148	120	103		
30/ 29		3.2	8.3	.6																												80	80	113	104		
28/ 27		2.4	5.6																													53	53	69	73		
26/ 25		1.8	2.7																													30	30	46	63		
24/ 23		3.5	5.0																													56	56	52	49		
22/ 21		1.4	2.7																													27	27	32	65		
20/ 19		2.9	1.7																													30	30	34	29		
18/ 17		2.0	.6																													17	17	20	35		
16/ 15		1.2	.9																													14	14	15	22		
14/ 13		1.1																														7	7	8	15		
12/ 11		.4																														3	3	3	11		
10/ 9																																			8		
8/ 7																																			1		
6/ 5																																			1		
TOTAL	0.560	.3	6.6	.6																												660	660	660	660		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	551694	57507	87.1	7.888	660	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	200914	19462	29.5	6.356	660		63.4					90
Wet Bulb	533443	18726	28.4	5.866	660		69.8					90
Dew Point	473249	17187	26.0	6.242	660		79.0					90

DATA PROCESSING DIVISION
USAF ETAG
AIR LEADER SERVICE/HAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE WRT DOT APT
STATION	STATION NAME

57-66

YEARS

JUN
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			
46/ 45			.4															1	1					
44/ 43			.4															4	4					
42/ 41		1.1	.4															12	12	1				
40/ 39		2.1	1.1															23	23	12				
38/ 37		3.6	1.5															34	34	24	6			
36/ 35	.3	6.4	.9															51	51	40	24			
34/ 33	2.7	5.2	.9															58	58	71	53			
32/ 31	7.4	12.4	1.4															140	140	106	84			
30/ 29	3.3	9.9	.9															91	91	103	113			
28/ 27	2.6	5.8																55	55	92	58			
26/ 25	2.1	3.2																35	35	43	78			
24/ 23	2.9	4.4																48	48	44	57			
22/ 21	2.9	2.6																36	36	42	52			
20/ 19	3.0	2.1																34	34	35	45			
18/ 17	1.7	.8																16	16	22	29			
16/ 15	1.1	.6																11	11	14	22			
14/ 13	.9	.3																8	9	8	20			
12/ 11	.3																	2	2	2	10			
10/ 9																					4			
8/ 7																					4			
TOTAL	11.3	60.9	7.4	.6														659	660	659	659			

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	5055824	57486	87.2	7.912	659							90
Dry Bulb	591372	19316	29.3	6.288	660		63.0					90
Wet Bulb	546380	18588	28.2	5.793			69.8					90
Dew Point	466264	17050	25.9	6.181			78.7					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DNT APT
STATION STATION NAME

57-66

YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

YEARS

JUN
MONTH

PAGE 1 0900-1100
HOURS S.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

JUN
MONTH

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

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		
50/ 49					.5	.3													5	5				
48/ 47				.2	.2														8	8				
46/ 45			.5	2.3	.2														19	19				
44/ 43				3.5	.3														25	25	13			
42/ 41			.4	2.6	.3														24	24	21			
40/ 39			1.7	3.0	.6														35	35	32			
38/ 37	.3	3.5	2.6																42	42	32			
36/ 35	1.4	7.6	3.2																80	80	63			
34/ 33	2.9	14.3	1.7																126	126	113			
32/ 31	1.8	12.4	.4																99	99	134			
30/ 29	1.1	5.3	.5																45	45	84			
28/ 27	1.1	8.5																	63	63	40			
26/ 25	.9	4.5																	36	36	53			
24/ 23	.9	2.9																	25	25	37			
22/ 21	.6	.3																	6	6	15			
20/ 19	.3	1.4																	11	11	9			
18/ 17	.8	.3																	7	7	10			
16/ 15	.6																		4	4	4			
14/ 13																								
12/ 11																								
TOTAL	12.6	64.1	20.4	2.3	.3														660	660	660			

Element (X)	Σx^1	Σx	$\bar{x}$	C_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4693389	55377	83.9	8.446	660							90
Dry Bulb	745572	21796	33.0	6.254	660		40.4					90
Wet Bulb	667449	20679	31.3	5.444	660		52.6					90
Dew Point	556752	18850	28.6	5.282	660		70.2					90

USAFETAC FORM 0-26.5 (OL A) REVISÉD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 10-13-84

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

JUN
MONTH

PAGE 1 1800-2000

HOURS . . . S T

[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

JUN
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			
48/ 47				.4	.2													5	5					
46/ 45				.2														4	4					
44/ 43		.3	.2															6	6	3				
42/ 41		.9	2.2	.4														27	27	10	3			
40/ 39	.2	2.1	2.0	.6														32	32	18	3			
38/ 37	.2	5.5	1.4	.2														46	46	34	14			
36/ 35	.8	4.7	1.4															45	49	61	26			
34/ 33	3.8	10.3	2.7															111	111	78	62			
32/ 31	6.7	14.1	.9															141	141	133	122			
30/ 29	2.9	6.7	.2															64	64	117	116			
28/ 27	1.8	4.2																40	40	46	70			
26/ 25	2.4	3.9																42	42	48	70			
24/ 23	1.7	3.6																35	35	43	50			
22/ 21	1.1	1.7																18	18	21	37			
20/ 19	2.1	1.7																25	25	23	33			
18/ 17	.8	.5																8	8	12	14			
16/ 15	1.1	.5																10	10	10	26			
14/ 13	.2																	1	1	3	10			
12/ 11																					3			
10/ 9																					1			
TOTAL	25.5	60.6	11.7	2.1	.2													660	660	660	660			

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4974342	57024	86.4	8.487	660							90
Dry Bulb	668928	20614	31.2	6.170	660		52.4					90
Wet Bulb	611358	19732	29.9	5.541	660		62.2					90
Dew Point	520385	18153	27.5	5.658	660		75.3					90

USAFETAC FORM 0-26.5 (O-L-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

37-66

JUL

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WWT DOT APT
STATION STATION NAME

57-66

JUL

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

YEARS

17901	RESOLUTE	NWT	DOT	APT
STATION				STATION NAME

37-66

 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
60/ 59																																	1	1		
58/ 57																																	1	1		
56/ 55																																	2	2		
54/ 53																																	2	2	1	
52/ 51																																	4	4		
50/ 49																																	17	17	2	1
48/ 47																																	31	31	5	
46/ 45																																	43	43	17	1
44/ 43																																	45	45	39	5
42/ 41																																	59	59	63	25
40/ 39																																	73	73	77	53
38/ 37																																	71	71	96	81
36/ 35																																	107	107	108	125
34/ 33																																	146	146	163	182
32/ 31																																	68	68	88	138
30/ 29																																	12	12	19	46
28/ 27																																			4	19
26/ 25																																				6
TOTAL	29.3	44.4	21.7	4.1	.7	.3																												682	682	682
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	5297930		59436		87.110		710		682		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total													
Dry Bulb	1006462		25944		38.0		5,355		682				10.9										93													
Wet Bulb	916418		24840		36.4		4,143		682				15.1										93													
Dew Point	810791		23401		34.3		3,395		682				28.5										93													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901 RESOLUTE NWI DOL APT
STATION STATION NAME

57-66

JUL
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					
60 / 57				.1		.1												2	2							
58 / 57					.3	.1												3	3							
56 / 55				.3	.1	.3												5	5							
54 / 53			.4	.6	.4	.3												12	12	1						
52 / 51			.7	2.2	.3	.1												23	23	1						
50 / 49		.1	1.0	2.1	1.0													29	29	9	1					
48 / 47		.1	3.2	1.9														36	36	17	1					
46 / 45	.1	1.2	4.7	1.3														45	45	37	6					
44 / 43	.1	2.6	4.8	.7														57	57	55	15					
42 / 41	.7	5.3	3.5	.1														66	66	73	28					
40 / 39	.9	5.7	2.6															63	63	86	73					
38 / 37	1.6	6.0	1.0															59	59	73	95					
36 / 35	7.0	10.9	.6															124	126	126	137					
34 / 33	10.0	7.2																117	117	139	172					
32 / 31	2.6	2.5																35	35	60	102					
30 / 29	.3	.3																4	4	10	40					
28 / 27																					12					
TOTAL	23.54	1.92	2.0	9.4	2.2	1.0												682		682	682					

Element (X)	Σx'	Σx	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4972792	57586	84,612,303	681	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb	1103271	27111	39,861,255	682		5.3					93	
Wet Bulb	981003	25679	37,745,544	682		9.5					93	
Dew Point	852384	23984	35,23,622	682		21.0					93	

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

17901	RESOLUTE WPT DIST APT
STATION	STATION NAME

57-66

460

PAGE 1 1200-1400

HOURS (L, S, T)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL		
																			Dry Bulb	Wet Bulb	Dew Point
64/ 63						.1												1	1		
60/ 59						.1												1	1		
58/ 57			.1		.6	.3	.1											8	8	1	
56/ 55			.1	.4	.3	.7												11	11		
54/ 53			.1	1.0	1.2													16	16	1	
52/ 51			.3	1.0	.9	.1												16	16	3	2
50/ 49		.1	1.2	2.9	1.2	.1												38	38	8	
48/ 47		.1	4.1	2.8														48	48	15	3
46/ 45		1.6	3.8	1.0	.1													45	45	38	2
44/ 43		3.8	4.7	.7														63	63	81	8
42/ 41	.3	5.0	4.4	.6														70	70	74	45
40/ 39	1.0	5.6	2.6	.1														64	64	85	82
38/ 37	2.6	9.9	1.6															94	94	100	106
36/ 35	5.1	8.2	.6															95	95	121	146
34/ 33	8.8	5.1																95	95	120	163
32/ 31	1.8	.7																17	17	32	89
30/ 29																				3	28
28/ 27																					7
26/ 25																					1
TOTAL	19.6	39.9	23.8	10.7	4.4	1.5	.1											682	682	682	
																			682		682

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4738268	36156	82.3	12.960	682							93
Dry Bulb	1163697	27871	40.9	6.262	682		2.3					93
Wet Bulb	1021260	26212	38.4	4.307	682		4.8					93
Dew Point	864983	24223	35.5	3.562	682		17.0					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

PAGE 1 1500-1700
HOURS: 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														
64/ 63					.1													1	1																
62/ 61							.1											1	1																
60/ 59		.1																1	1																
58/ 57					.2													6	6	1															
56/ 55				.1	.4	.4												7	7	1	1														
54/ 53				.9	2.3	.1												23	23																
52/ 51				1.6	.9													17	17		1														
50/ 49		.4	.8	3.8	1.2													41	41	8															
48/ 47		.3	2.6	3.5	.1													45	45	20															
46/ 45		2.9	4.1	1.3														57	57	37	3														
44/ 43		3.4	4.1	1.0														58	58	81	15														
42/ 41	.6	5.7	3.8	.7														74	74	83	38														
40/ 39	1.3	6.3	2.4															71	71	88	90														
38/ 37	1.6	7.3	1.8															73	73	102	97														
36/ 35	6.5	8.8	.1															106	106	121	142														
34/ 33	7.9	4.4																84	84	113	184														
32/ 31	1.3	1.2																17	17	26	85														
30/ 29																				1	20														
28/ 27																					5														
26/ 25																					1														
TOTAL	19.2	40.9	20.1	13.0	6.0	.6	.1											682	682	682	682														

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4707082	55932	82.0	13.273	682	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	1175737	28033	41.1	6.234	682		2.3					93
Wet Bulb	1030091	26331	38.6	4.451	682		3.7					93
Dew Point	874482	24304	35.6	3.507	682		15.1					93

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

179.1 SESQUITE NAT DIST APT
STATION NAME

57-66

J.J.
MONT

PAGE 1 1800-2000

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/ 61				.1							.1																						2	2		
60/ 59											.4	.1																					4	4		
58/ 57													.4																				3	3		1
56/ 55														.3																			2	2		1
54/ 53													.3	1.6																			13	13		
52/ 51					.7								1.3	1.8																			28	28		1
50/ 49			.1	.9										.6																			24	24		9
48/ 47			.4	1.4										.4																			34	34		14
46/ 45		.1	2.6	6.7										1.3	.1																		70	70		36
44/ 43		.1	2.2	4.3										1.3																			56	56		68
42/ 41		.9	4.7	4.3										.3																			71	71		77
40/ 39		.6	7.9	2.9																													78	78		94
38/ 37		2.8	7.6	1.0																													78	78		107
36/ 35		5.6	7.2	.3																													89	89		111
34/ 33		10.1	4.3	.1																													99	99		121
3 / 31		2.9	1.6	.1																													30	30		39
30/ 29																																				5
28/ 27																																				
26/ 25																																				
TOTAL		2.938	7.73	.3	8.8	5.3		.9	.1																								682	682		682

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4827633	56669	83.1	13.212	682	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1144271	27621	40.3	6.134	682		4.1					93
Wet Bulb	1007799	26043	38.2	4.422	682		6.0					93
Dew Point	661392	24120	35.4	3.502	682		18.1					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

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			
64/ 63							.1											1	1					
58/ 57					.1		.3											1	1					
56/ 55			.1		.3													3	3					
54/ 53				.1	.1													2	2					
52/ 51			.1	.9	.1													5	8	2				
50/ 49			.3	2.3	.3													20	20	3	1			
48/ 47		1.0	2.2	1.8														34	34	3				
46/ 45	.3	1.3	3.5	.6	.1													40	40	26	3			
44/ 43		2.9	6.3	.6														67	67	49	10			
42/ 41	.6	5.6	4.3	.6														75	75	70	27			
40/ 39	1.3	6.3	3.5															76	76	94	60			
38/ 37	2.3	8.9	1.3															86	86	97	101			
36/ 35		5.4	7.4	.4														93	93	123	130			
34/ 33		9.9	6.3															108	108	125	175			
32/ 31	6.0	2.6	.3															61	61	77	118			
30/ 29	.7	.3																7	7	12	46			
28/ 27																				2	7			
26/ 25																					3			
24/ 23																					1			
TOTAL	26.2	43.1	22.4	6.9	1.2		.1											682		682	682			

Element (X)	Σ x'	Σ x	$\bar{x}$	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5115407	58561	85.9	11.301	682	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1092757	26533	38.9	5.486	682		9.3					93
Wet Bulb	948720	25274	37.1	4.215	682		12.4					93
Dew Point	433221	23719	34.8	3.493	682		23.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WPT OUT APT
STAT ON NAME

57-66

YEARS

AUG
MONTH

PAGE 1 0000-0200
HOURS 5-7

[illegible]

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NAT DOT APT
STATION	STATION NAME

57-66

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				
46/ 47			.1		.1													2	2						
46/ 45		.3	1.3															13	13		1				
44/ 43		.5	2.1	1.0	.1													26	26	14	9				
42/ 41	1.0	2.9	1.2															35	35	23	13				
40/ 39	2.2	5.6	.7	.1														59	59	54	33				
38/ 37	4.3	7.8	.6															86	86	83	67				
36/ 35	9.4	11.3	.3															143	143	137	120				
34/ 33	11.8	5.4																117	117	146	156				
32/ 31	8.2	3.7																81	81	86	124				
30/ 29	7.4	4.1																78	78	79	61				
28/ 27	1.3	1.9																22	22	26	53				
26/ 25	.9	.9																12	12	17	17				
24/ 23	.3	.4																5	5	5	17				
22/ 21																				2	5				
20/ 19																					3				
TOTAL	47.7	47.7	4.1	.4															679	679	679	679			
																						679		679	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DUT APT
STATION STATION NAME

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YEARS

AUG
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			
52/ 31			.1															1	1					
50/ 49		.1	.4															5	5					
48/ 47		.4	1.0		.1													12	12	5	1			
46/ 45	.1	1.0	1.8															21	21	6	2			
44/ 43	.3	1.8	.9															20	20	21	10			
42/ 41	.4	4.3	1.3															41	41	32	13			
40/ 39	2.6	7.9	1.3															81	81	65	48			
38/ 37	4.1	11.9	.9															115	115	95	83			
36/ 35	9.4	8.1	.4															122	122	151	140			
34/ 33	9.5	4.0	.1															93	93	116	133			
32/ 31	7.8	3.4																76	76	83	117			
30/ 29	5.1	2.1	.1															57	57	60	61			
28/ 27	1.0	2.2																22	22	29	36			
26/ 25	1.2	.6																12	12	14	13			
24/ 23	.6																	4	4	5	18			
22/ 21																					7			
TOTAL	42.4	48.7	8.5	.4														682	682	682	682			

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWY DOT APT
STATION STATION NAME

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YEARS

AUG
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																																							
56/ 55			.1															1																																										
54/ 53			.1	.1														2																																										
52/ 51					.3													2																																										
50/ 49		.4	.4	.3	.1													12																																										
48/ 47		.7	2.1	.3														21																																										
46/ 45	.6	1.6	2.2	.7														35																																										
44/ 43		2.2	2.2	.9														36																																										
42/ 41	.3	6.9	2.1	.1														64																																										
40/ 39	1.9	10.1	1.2															90																																										
38/ 37	3.8	12.8	1.2															121																																										
36/ 35	6.6	7.0	.1															94																																										
34/ 33	8.8	2.5																77																																										
32/ 31	5.7	3.4																62																																										
30/ 29	2.3	3.7																41																																										
28/ 27	.3	2.1																16																																										
26/ 25	.3	.6																6																																										
24/ 23	.1	.1																2																																										
22/ 21																																																												
20/ 19																																																												
TOTAL	30.8	54.1	12.2	2.5	.4													682																																										
																						682																																						
																																				</																								

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

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AUG
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										
56/ 55				.4	.1													4	4												
54/ 53					.1													1	1												
52/ 51			.1	.1	.1													12	12												
50/ 49			.4	.4	1.4	.4												23	23	6											
48/ 47		1.2	2.2	1.2														32	32	10	5										
46/ 45	.3	1.6	1.4	.6														30	30	28	8										
44/ 43		3.5	3.5	.8														52	52	37	15										
42/ 41	1.5	6.2	3.4	.9														81	81	68	37										
40/ 39	2.8	9.8	1.2															94	94	89	66										
38/ 37	4.8	9.8	1.0															107	107	145	110										
36/ 35	5.6	6.5	.3															84	84	106	143										
34/ 33	7.0	2.6																66	66	84	130										
32/ 31	4.3	3.2																51	51	53	80										
30/ 29	1.5	2.6																29	29	32	41										
28/ 27	.7	.4																9	9	16	23										
26/ 25	.6	.4																7	7	6	13										
24/ 23																				2	8										
22/ 21																					2										
20/ 19																					1										
TOTAL	29.0	48.8	15.0	6.3	.9													682	682	682	682										
Element (X)	Σ X'		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																				
Rel. Hum.	5302957		59711		67.610		501		682		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total								
Dry Bulb	1038929		26339		38.6		5.646		682				13.1										93								
Wet Bulb	950539		25263		37.0		4.651		682				14.9										93								
Dew Point	R49590		23888		35.0		4.349		682				22.9										93								

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

Y E A R S

4UG
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	
56/ 55				.1	.6													5	5			
54/ 53				.3	.3													4	4			
52/ 51		.1	.4	1.2	.1													12	12			
50/ 49		.3	1.2	1.2	.6													22	22	4		
48/ 47		.7	1.6	2.2														31	31	11		
46/ 45		2.5	2.1	1.0	.1													39	39	29	9	
44/ 43		3.1	4.3	.7	.1													56	56	40	11	
42/ 41	1.3	7.4	3.4	.9														91	91	80	49	
40/ 39	1.9	8.7	1.3															78	78	95	64	
38/ 37	4.3	8.5	1.5	.1														98	98	127	115	
36/ 35	6.3	6.5	.3															89	89	107	137	
34/ 33	5.3	2.6																54	54	78	126	
32/ 31	4.6	2.9																53	53	48	72	
30/ 29	2.2	2.3	.3															33	33	40	52	
28/ 27	.7	1.2																13	13	16	20	
26/ 25	.3	.3																4	4	7	13	
24/ 23																					7	
22/ 21																					2	
TOTAL	26.7	47.5	16.1	7.6	1.9													682	682	682	682	

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5232908	59242	86,911,293	682	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb	1053725	26513	38,9	5,814	682		14.0				93	
Wet Bulb	956874	25344	37,2	4,702	682		19.1				93	
Dew Point	849215	23887	35.0	4,297	682		23.3				93	

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

57-66

AUG
MONTH

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HOURS (L, S, T,)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

AUG.
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

SEP
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																					
40 / 39	.3	.3																5	5	2	1																					
38 / 37	1.1	.2																8	8	17	8																					
36 / 35	1.1	1.8																19	19	10	10																					
34 / 33	2.7	2.1	.2															33	33	33	28																					
32 / 31	4.1	2.4																43	43	40	34																					
30 / 29	5.9	6.8																84	84	69	46																					
28 / 27	5.6	5.6																74	74	82	55																					
26 / 25	5.3	5.2																69	69	68	61																					
24 / 23	5.2	4.1																61	61	70	67																					
22 / 21	2.7	4.1																45	45	44	66																					
20 / 19	3.8	2.6																42	42	48	35																					
18 / 17	2.4	2.0																29	29	30	46																					
16 / 15	2.9	3.3																41	41	34	26																					
14 / 13	2.3	1.8																27	27	36	31																					
12 / 11	2.1	2.3																29	29	29	32																					
10 / 9	2.7	.8																23	23	25	29																					
8 / 7	1.7	.2																12	12	14	23																					
6 / 5	.8																	5	5	5	33																					
4 / 3	.6																	4	4	4	15																					
2 / 1	.6																	4	4	4	6																					
0 / -1																					3																					
-2 / -3	.3																	2	2	2	2																					
-4 / -5	.2																	1	1	1	2																					
-6 / -7																					1																					
TOTAL	34.2	45.6	.2															660	660	660	660																					

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DNT APT
STATION STATION NAME

57-66

SEP

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							
40/ 39	.3	.0																6	6	3								
38/ 37	1.1	.3																9	9	10	9							
36/ 35	.5	.9																9	9	9	8							
34/ 33	2.1	2.7																32	32	32	16							
32/ 31	4.9	3.0																52	52	41	47							
30/ 29	4.6	6.1																70	70	55	36							
28/ 27	5.6	5.8																75	75	92	46							
26/ 25	5.5	5.8																74	74	66	76							
24/ 23	5.6	3.9																63	63	81	66							
22/ 21	4.9	1.5																42	42	43	66							
20/ 19	3.0	3.5																43	43	35	50							
18/ 17	3.0	2.6																37	37	41	25							
16/ 15	2.6	2.0																30	30	29	30							
14/ 13	4.6	1.4																39	39	43	32							
12/ 11	3.2	1.1																28	28	30	28							
10/ 9	2.3	1.1																22	22	22	41							
8/ 7	.5																	3	3	6	31							
6/ 5	.6	.8																7	7	6	19							
4/ 3	1.4	.2																10	10	11	6							
2/ 1	.0																	4	4	4	11							
0/ -1	.2																	1	1	1	6							
-2/ -3	.3																	2	2	2	7							
-4/ -5	.2																	1	1	1								
-6/ -7																					3							
TOTAL	77.2	42.8																659	659	659	659							

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5251199	58673	89.0	6.446	659							
Dry Bulb	388984	15108	22.9	8.048	659	.5	82.4					90
Wet Bulb	376281	14803	22.5	7.967	659	.5	83.2					90
Dew Point	321350	13288	20.2	9.010	659	2.2	85.5					90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901 RESOLUTE NWY DOT APT
STATION STATION NAME

57-66

SEP
MONTH

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HOURS: S T L

[illegible]

PSYCHROMETRIC SUMMARY

17901	RESOLUTE INVT OUT APT
STATION	STATION NAME

37-66

SEP
MONTH

PAGE 1 0900-1100
HOURS M. S. T. I

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		
46/ 45																		1	1				
44/ 43			.2															1	1				
42/ 41			.2															1	1	2			
40/ 39		.3	.9															8	8	5	4		
38/ 37		.3	1.3	.3														14	14	10	8		
36/ 35		.9	1.4	.2														16	16	14	14		
34/ 33	3.2	2.6	.5															41	41	33	26		
32/ 31	2.9	3.6	.2															57	57	46	30		
30/ 29	3.8	7.7																76	76	72	43		
28/ 27	4.8	5.9	.2															72	72	81	65		
26/ 25	4.7	6.2																72	72	71	68		
24/ 23	4.5	3.6																54	54	69	59		
22/ 21	2.1	3.3																36	36	37	77		
20/ 19	3.5	2.7																41	41	50	30		
18/ 17	3.5	3.5																46	46	40	40		
16/ 15	2.3	2.7																33	33	34	31		
14/ 13	2.4	1.4																25	25	29	38		
12/ 11	2.4	1.2																24	24	26	24		
10/ 9	1.1	.3																9	9	12	36		
8/ 7	1.7	.4																17	17	16	21		
6/ 5	.9																	6	6	8	12		
4/ 3	.8																	5	5	5	13		
2/ 1	.3																	2	2	2	10		
0/ -1	.2																	1	1	1	9		
-2/ -3	.3																	7	2	2			
-4/ -5																					1		
-6/ -7																					2		
TOTAL	16.8	1.8	1.4															660	660	660	660		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2131944	38026	87.9	6.792	660							
Dry Bulb	422267	15813	24.0	8.106	660		.4	78.8				90
Wet Bulb	400204	15389	23.3	7.924	660		.4	81.3				90
Dew Point	339466	13770	20.9	8.898	660		1.5	82.9				90

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SU

179.1 RESOLUTE NAT DUT APT
STATION

57-66

YEARS

PAGE 1

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

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 W					
46/ 45				.2														1	1					
44/ 43			.8	.4														5	5					
42/ 41																								
40/ 39		.9	.8	.4														12	12					
38/ 37		.6	.9	.4														13	13					
36/ 35		.8	2.1	.4														24	24					
34/ 33	2.6	4.2	.4															51	51					
32/ 31	4.1	5.9	.4															69	69					
30/ 29	3.9	6.5	.4															70	70					
28/ 27	3.2	5.3																57	57					
26/ 25	4.5	7.6																80	80					
24/ 23	3.8	5.2																59	59					
22/ 21	1.7	3.3																32	32					
20/ 19	1.7	3.3																33	33					
18/ 17	2.1	4.1																41	41					
16/ 15	2.6	2.3																32	32					
14/ 13	2.3	1.2																23	23					
12/ 11	2.0	.9																19	19					
10/ 9	1.8	.2																13	13					
8/ 7	1.2	.6																12	12					
6/ 5	.0																	4	4					
4/ 3	.4																	6	6					
2/ 1	.3																	2	2					
0/ -1	.3																	2	2					
-2/ -3																								
-4/ -5																								
-6/ -7																								
TOTAL	1.7	5.0	5.2	.2														660	660					
																		660						
Element (X):	Σ X'	Σ X	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	5.90464	57782	87.4	6.921														660	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
Dry Bulb	448964	16348	24.8	8.174														660	.3	75.5				
Wet Bulb	422789	15863	24.0	7.938														660	.2	79.9				
Dew Point	358913	14235	21.6	8.874														660	1.5	82.5				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT OUT ART
STATION	STATION NAME

57-66

YEARS

SEP
MONTH

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

[illegible]

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWY DOT APT
STATION NAME

57-66

YEARS

SEP

PAGE 1 1800-2000

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/ 43			.2															1		1														
42/ 41		.2																2		2	1													
40/ 39			1.7															11		11	6													
38/ 37		.3	.5	.4														6		6	9													
36/ 35		1.5	1.4	.2														23		23	14													
34/ 33		1.4	3.0	.5														37		32	22													
32/ 31		5.2	5.4	.2														73		73	63													
30/ 29		3.5	5.3															58		58	65													
28/ 27		5.2	7.4															83		83	81													
26/ 25		2.7	5.4															57		57	63													
24/ 23		3.4	5.6															63		63	55													
22/ 21		3.2	3.0															41		41	61													
20/ 19		3.5	3.5															46		46	39													
18/ 17		2.3	2.7															33		33	34													
16/ 15		2.6	1.5															27		27	36													
14/ 13		2.1	1.4															23		23	24													
12/ 11		2.6	.4															22		22	21													
10/ 9		2.1	.9															20		20	14													
8/ 7		1.7	.6															15		15	17													
6/ 5		2.1	.2															15		15	14													
4/ 3		.2																1		1	1													
2/ 1		.4																6		6	10													
0/ -1																					7													
-2/ -3		.3																2		2	5													
-4/ -5																					1													
-6/ -7																					1													
TOTAL	47.3	51.8	.4															660	660	660	660													
Element (X)	Σ x ²	Σ x	$\bar{x}$	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	5147117	58093	88.0	7.160	660	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							
Dry Bulb	417166	15644	23.7	8.387	660	.3	79.8					90																						
Wet Bulb	395644	15226	23.1	8.207	660	.3	82.5					90																						
Dew Point	337597	13621	20.6	9.258	660	1.9	84.0					90																						

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PAGE 1 2100-2300
HOURS (L. S. T.)

17901 RESOLUTE MNT OUT APT
STATION STATION NAME

57-66

SEP
MONTH

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

17901	RESOLUTE NWT DOT APT
STATION	STATION NAME

57-66

BC T

PAGE 1 0000-0200

HOURS 11.5. 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	.4																	3	3	3												
26/ 25	2.0	.7																20	20	16	5											
24/ 23	1.0																	7	7	11	17											
22/ 21	.7	.5																9	9	5	10											
20/ 19	4.0	1.0																36	36	36	1											
18/ 17	4.4	1.4																43	43	40	28											
16/ 15	3.0	1.0																29	29	33	29											
14/ 13	4.4	.8																38	38	36	38											
12/ 11	3.8	1.1																36	36	40	36											
10/ 9	7.1	1.1																60	60	57	35											
8/ 7	4.0	1.4																44	44	45	42											
6/ 5	6.8	1.0																57	57	55	40											
4/ 3	5.2	1.0																45	45	48	43											
2/ 1	4.9	.4																39	39	40	51											
0/ -1	5.2	.4																41	41	42	43											
-2/ -3	5.6	.7																46	46	44	41											
-4/ -5	3.4	.8																31	31	29	44											
-6/ -7	3.0	1.2																31	31	28	38											
-8/ -9	3.4	.5																29	29	34	32											
-10/-11	2.3	.1																18	18	19	28											
-12/-13	2.3	.1																18	18	18	25											
-14/-15	3.0	.3																24	24	25	20											
-16/-17	1.2	.1																10	10	9	20											
-18/-19	1.2																	9	9	10	17											
-20/-21	.5																	4	4	4	19											
-22/-23	.1																	1	1	1	11											
-24/-25	.3																	2	2	2	8											
-26/-27	.5																	4	4	4	7											
-28/-29																					1											
-30/-31																					1											
-32/-33																					2											
-34/-35																					2											
TOTAL	34.3	15.7																734	734	734	734											
Element (X)	Σ x ²	Σ x	̄ x	s _x	No. Obs.				Mean No. of Hours with Temperature																							
Rel. Hum.	5104461	60939	83.0	7.845	734				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																	
Dry Bulb	1046224	3124	4.3	11.162	734				34.0	93.0					93																	
Wet Bulb	102894	3004	4.1	11.118	734				34.1	93.0					93																	
Dew Point	109536	128	.2	12.223	734				45.5	93.0					93																	

USAFETAC FORM 0-26.5 (DL A)
11/11 A-4
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION

57-66

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											
30/ 29	.1	.1																2	2		1											
28/ 27	.3	.3																4	4		3											
26/ 25	1.4	.4																13	13		5											
24/ 23	1.1																	8	8		12											
22/ 21	.7	.5																9	9		7											
20/ 19	3.8	1.9																42	42		5											
18/ 17	3.5	1.0																33	33		24											
16/ 15	3.8	2.5																46	46		36											
14/ 13	4.4	.8																38	38		37											
12/ 11	3.0	.3																24	24		45											
10/ 9	5.9	1.2																52	52		26											
8/ 7	4.8	2.3																52	52		31											
6/ 5	6.4	1.4																57	57		47											
4/ 3	4.6	.7																39	39		43											
2/ 1	5.6	1.1																49	49		52											
0/ -1	4.4	1.4																42	42		38											
-2/ -3	5.4	.5																44	44		39											
-4/ -5	4.0	.5																33	33		51											
-6/ -7	3.7	.7																32	32		40											
-8/ -9	2.3	.7																22	22		38											
-10/ -11	1.9	.4																17	17		25											
-12/ -13	2.2	.3																18	18		23											
-14/ -15	2.5	.1																19	19		15											
-16/ -17	1.4	.3																12	12		16											
-18/ -19	1.5	.3																13	13		21											
-20/ -21	.8																	6	6		15											
-22/ -23	.7																	5	5		13											
-24/ -25																					9											
-26/ -27																					7											
-28/ -29	.4																	3	3		7											
-30/ -31																					1											
-36/ -37																					3											
TOTAL	10.419.6																	734	734	734	734											
Element (X)	Σ X'	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature																										
Rel. Hum.	5053096	60630	82.6	7.829	734	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						Total															
Dry Bulb	106111	3067	4.211	282	734	33.7	93.0											93														
Wet Bulb	103987	2919	4.011	226	734	34.0	93.0											93														
Dew Point	113022	12	.012	.417	734	45.7	93.0											93														

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901
STATIONRESOLUTE NWT DDT APT
STATION NAME57-66
YEARSOCT
MONTHPAGE 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				
30/29	.1	.1																	2	2	1			
28/27	.4	.3																	5	5	5	3		
26/25	.5	.7																	9	9	7	3		
24/23	1.2	.5																	13	13	14	14		
22/21	1.4	1.1																	18	18	17	6		
20/19	2.0	1.2																	24	24	22	15		
18/17	4.0	2.0																	44	44	39	18		
16/15	4.4	1.0																	39	39	46	36		
14/13	3.3	.5																	28	28	28	37		
12/11	4.2	.3																	33	33	34	33		
10/9	4.9	.7																	41	41	39	31		
8/7	4.0	1.8																	42	42	44	36		
6/5	7.2	1.5																	64	64	56	36		
4/3	6.4	1.0																	54	54	57	34		
2/1	6.5	.8																	54	54	57	50		
0/-1	5.7	.7																	47	47	50	52		
-2/-3	4.5	.8																	39	39	37	56		
-4/-5	3.5	.3																	28	28	29	41		
-6/-7	4.1	.3																	32	32	34	48		
-8/-9	3.0	.5																	26	26	23	35		
-10/-11	1.5	.4																	14	14	15	22		
-12/-13	1.8	.8																	19	19	16	18		
-14/-15	2.6	.3																	21	21	25	21		
-16/-17	1.5	.1																	12	12	13	9		
-18/-19	1.5																		11	11	11	18		
-20/-21	1.2	.1																	10	10	10	19		
-22/-23	.3																		2	2	2	12		
-24/-25																						13		
-26/-27	.1																		1	1	1	10		
-28/-29	.3																		2	2	2	2		
-30/-31																						2		
-32/-33																						1		
-34/-35																						1		
-36/-37																						2		
Element (X)	Σ x ²	Σ x	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NW1 DOT APT
STATION STATION NAME

57-66

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MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

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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	
30/ 29	.1	.1																2	2	1		
28/ 27	.5																	4	4	5	5	
26/ 25	.7	.4																8	8	6	2	
24/ 23	2.0	.5																19	19	17	11	
22/ 21	1.8	.7																18	18	18	12	
20/ 19	3.4	1.1																33	33	35	17	
18/ 17	3.1	1.2																32	32	30	23	
16/ 15	3.5	1.1																34	34	37	25	
14/ 13	2.6	1.1																27	27	29	42	
12/ 11	5.2	1.1																46	46	46	24	
10/ 9	4.0	1.2																38	38	39	38	
8/ 7	6.9	1.0																58	58	57	35	
6/ 5	5.4	.8																46	46	46	36	
4/ 3	3.7	1.6																39	39	41	53	
2/ 1	7.2	.8																59	59	59	39	
0/ -1	6.1	.4																48	48	49	33	
-2/ -3	4.8	.8																41	41	39	48	
-4/ -5	4.0	.5																33	33	34	61	
-6/ -7	3.1	.5																27	27	27	41	
-8/ -9	3.5	.4																29	29	30	30	
-10/-11	2.6	.8																25	25	25	27	
-12/-13	2.5	.3																20	20	22	27	
-14/-15	1.8																	13	13	13	13	
-16/-17	1.2	.1																10	10	10	21	
-18/-19	1.8	.1																14	14	13	22	
-20/-21	.5																	4	4	5	8	
-22/-23	.4																	3	3	3	14	
-24/-25	.4	.1																4	4	4	12	
-26/-27																					8	
-28/-29																					2	
-30/-31																					2	
-34/-35																					3	
TOTAL	43.0	17.0																734	734	734	734	
Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	5061912	60678	82.7	7.905	734		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	105616	3042	4,111.204	734		34.3	93.0							93								
Wet Bulb	102879	2917	4,011.160	734		34.7	93.0							93								
Dew Point	113272	11	.012.431	734		47.1	93.0							93								

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DATA PROCESSING DIVISION
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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				
30/ 29	.4	.1																4	4	3					
28/ 27	.3																	2	2	3	5				
26/ 25	1.2	.3																11	11	9	2				
24/ 23	2.0	.8																21	21	18	12				
22/ 21	1.0	1.0																14	14	15	15				
20/ 19	3.0	1.5																33	33	30	14				
18/ 17	3.1	1.4																33	33	35	23				
16/ 15	2.5	1.5																29	29	27	30				
14/ 13	4.1	1.6																42	42	44	28				
12/ 11	5.2	1.4																43	43	43	29				
10/ 9	4.6	1.5																45	45	51	37				
8/ 7	4.8	1.1																43	43	45	39				
6/ 5	5.6	.8																47	47	45	47				
4/ 3	5.3	.8																45	45	44	46				
2/ 1	7.4	.3																56	56	60	40				
0/ -1	4.6	.5																38	38	38	44				
-2/ -3	4.5	.1																34	34	35	56				
-4/ -5	5.4	.3																42	42	42	37				
-6/ -7	4.6	.5																38	38	35	34				
-8/ -9	3.5	.7																31	31	33	43				
-10/-11	2.2	.3																18	18	18	32				
-12/-13	2.0	.1																16	16	16	22				
-14/-15	1.2																	9	9	10	17				
-16/-17	1.5	.1																12	12	12	23				
-18/-19	1.0	.5																11	11	9	15				
-20/-21	.7																	5	5	7	12				
-22/-23	.5																	4	4	4	8				
-24/-25	.3	.1																3	3	3	9				
-26/-27																					9				
-28/-29																					2				
-32/-33																					1				
-34/-35																					3				
TOTAL	32.6	17.4																734	734	734	734				
Element (X)	Σ x ²		Σ x		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	5093132		60890		83.0		7.562		734		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb	105672		3276		4.5		11.145		734		33.1		93.0										93		
Wet Bulb	103294		3144		4.3		11.070		734		33.2		93.0										93		
Dew Point	109303		277		.4		12.206		734		46.5		93.0										93		

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT OUT APT
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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						
30/ 29	.1																	1	1	1							
28/ 27	.7	.1																6	6	6	4						
26/ 25	1.2	.5																13	13	10	4						
24/ 23	1.5	1.1																19	19	17	14						
22/ 21	1.2	.7																14	14	19	12						
20/ 19	2.5	.8																24	24	20	13						
18/ 17	3.5	1.1																34	34	35	22						
16/ 15	3.3	1.4																34	34	30	21						
14/ 13	2.3	.8																23	23	28	33						
12/ 11	3.4	1.4																50	50	47	27						
10/ 9	4.8	1.9																49	49	46	35						
8/ 7	4.1	1.0																37	37	41	37						
6/ 5	3.6	1.6																53	53	52	45						
4/ 3	3.6	.7																46	46	48	30						
2/ 1	7.8	1.2																66	66	65	50						
0/ -1	4.5	.3																35	35	38	57						
-2/ -3	4.5	.5																37	37	37	49						
-4/ -5	3.8	.8																34	34	29	40						
-6/ -7	4.1	.5																34	34	39	40						
-8/ -9	4.0	.7																34	34	32	31						
-10/-11	2.2	.4																19	19	20	26						
-12/-13	1.9	.1																15	15	16	35						
-14/-15	2.6																	19	19	20	22						
-16/-17	1.6	.1																13	13	12	12						
-18/-19	1.2	.3																11	11	12	25						
-20/-21	1.0																	7	7	7	10						
-22/-23	.5																	4	4	4	15						
-24/-25	.4																	3	3	3	12						
-26/-27																					7						
-28/-29																					3						
-32/-33																					3						
TOTAL	11.9	18.1																734	734	734	734						
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.	5045766		60592		82.6		7.736		734		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	105145		2881		3.911		3.14		734		33.6	93.0					93										
Wet Bulb	103018		2746		3.711		3.248		734		34.1	93.0					93										
Dew Point	112426		-180		-.212		3.82		734		49.0	93.0					93										

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

DATA PROCESSING DIVISION
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17901	RESOLUTE NWT OUT APT
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DATA PROCESSING DIVISION
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17901 RESOLUTE WNT DDT APT
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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													
28/ 27	.3																		2	2	2													
26/ 25	2.9	.7																	26	26	24	5												
24/ 23	.4																		3	3	5	22												
22/ 21	1.8	.4																	16	16	14	4												
20/ 19	2.2	1.1																	24	24	21	13												
18/ 17	3.1	1.2																	32	32	33	18												
16/ 15	3.0	1.2																	31	31	30	29												
14/ 13	1.8	1.1																	21	21	20	25												
12/ 11	4.4	1.4																	42	42	40	22												
10/ 9	6.0	2.7																	64	64	62	24												
8/ 7	4.8	1.0																	42	42	48	39												
6/ 5	5.6	1.1																	49	49	49	32												
4/ 3	4.5	1.1																	41	41	41	48												
2/ 1	6.2	.4																	49	49	51	47												
0/ -1	5.9	.8																	49	49	48	42												
-2/ -3	5.9	.5																	47	47	50	54												
-4/ -5	4.4	.3																	34	34	32	34												
-6/ -7	3.1	.7																	28	28	29	48												
-8/ -9	4.5	.3																	35	35	35	36												
-10/-11	3.4	.7																	30	30	29	21												
-12/-13	2.7																		20	20	22	31												
-14/-15	1.5	.5																	15	15	13	20												
-16/-17	1.5																		11	11	13	23												
-18/-19	1.9																		14	14	14	27												
-20/-21	.3																		2	2	2	16												
-22/-23	.5	.1																	5	5	4	7												
-24/-25	.1																		1	1	2	11												
-26/-27	.1																		1	1	1	7												
-28/-29																						5												
-30/-31																						3												
-34/-35																						1												
TOTAL	12.7	17.3																	734	734	734													
Element (X)	Σ X ²	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.	5016050	60372	82.3	8.292	734	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	99669	2605	3.5	11.107	734	37.0	93.0					93																						
Wet Bulb	97786	2476	3.4	11.046	734	37.3	93.0					93																						
Dew Point	111407	-537	-7.1	12.307	734	48.9	93.0					93																						

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

DATA PROCESSING DIVISION
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HOURS (L. S. - T.)

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USAFETAC FORM 0.26-5 (OLA)
REVISER PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AU-A100 245 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
 RESOLUTE APT, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SU--ETC(1)
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UNCLASSIFIED USAFETAC/DS-81/040

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DOT APT
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DATA PROCESSING DIVISION
USAF ETAC
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17901 RESOLUTE NWT DOT APT

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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			
28/ 27		.1																1	1					
26/ 25		.3																2	2	3				
24/ 23	.3	.1																3	3	3	3			
22/ 21	.1	.4																4	4	3	2			
20/ 19	.3	.3																4	4	3	2			
18/ 17	.6	.6																8	8	6	3			
16/ 15	1.0	1.8																20	20	18	6			
14/ 13	1.1	.4																10	10	14	8			
12/ 11	2.0	.4																17	17	15	21			
10/ 9	.8	.4																9	9	8	13			
8/ 7	1.5	.1																12	12	14	9			
6/ 5	2.1	.3																17	17	16	5			
4/ 3	1.4	.7																15	15	14	13			
2/ 1	1.8	.1																14	14	16	15			
0/ -1	1.7	.4																15	15	14	10			
-2/ -3	2.1	.7																20	20	20	17			
-4/ -5	3.2	1.3																32	32	29	16			
-6/ -7	4.5	.7																37	37	41	13			
-8/ -9	3.3	.6																28	28	28	28			
-10/-11	6.7	.7																53	53	52	28			
-12/-13	6.6	.6																51	51	52	33			
-14/-15	8.5	.3																63	63	64	32			
-16/-17	5.0	.3																38	38	37	58			
-18/-19	8.5	.1																62	62	63	48			
-20/-21	5.0																	36	36	36	47			
-22/-23	4.9	.1																36	36	36	44			
-24/-25	4.9	.6																39	39	37	40			
-26/-27	3.8	.6																31	31	31	54			
-28/-29	2.9	.1																22	22	24	26			
-30/-31	1.5	.1																12	12	12	40			
-32/-33	.4																	3	3	3	31			
-34/-35	.4																	3	3	3	26			
-36/-37																			3		10			
-38/-39																					5			
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

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17901	RESOLUTE NWT OUT APT
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HOURS (U S T)

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DATA PROCESSING DIVISION
USAF ETAC
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17901	RESOLUTE NWT OUT APT
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USAFETAC
FORM
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY:

<u>17901</u>	<u>RESOLUTE NWT DOT APT</u>
STATION	STATION NAME

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HOURS L. S. T.

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17901 RESOLUTE NWT DOT APT

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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																							
26/ 25	.4	.3																													5	5	3										
24/ 23		.4																													3	3	3	4									
22/ 21	.1	.4																													5	5	4	2									
20/ 19	.4	.4																													6	6	6	3									
18/ 17	.4	.7																													8	8	10	6									
16/ 15	.7	1.7																													17	17	10	4									
14/ 13	1.5	.6																													15	15	23	9									
12/ 11	.8	.3																													8	8	7	20									
10/ 9	.8	.4																													9	9	8	7									
8/ 7	.4	.6																													7	7	6	10									
6/ 5	2.4	.4																													20	20	20	12									
4/ 3	2.4	.6																													21	21	21	7									
2/ 1	.7	1.0																													12	12	9	12									
0/ -1	2.2	1.3																													25	25	29	16									
-2/ -3	2.8	.4																													23	23	24	16									
-4/ -5	3.2	.4																													26	26	25	18									
-6/ -7	3.8	.6																													33	33	30	31									
-8/ -9	4.7	.7																													39	39	42	20									
-10/-11	4.7	.8																													40	40	37	22									
-12/-13	5.7	.4																													44	44	48	38									
-14/-15	7.9	.4																													60	60	59	30									
-16/-17	7.5	.3																													56	56	57	35									
-18/-19	6.8	1.0																													56	56	55	48									
-20/-21	6.7	.1																													49	49	51	55									
-22/-23	4.0																														29	29	29	56									
-24/-25	3.8																														27	27	27	55									
-26/-27	3.6	.6																													30	30	29	43									
-28/-29	3.6	.3																													28	28	28	29									
-30/-31	1.1																														8	8	9	33									
-32/-33	1.1																														8	8	8	24									
-34/-35	.4																														3	3	3	21									
-36/-37																																		19									
-38/-39																																		10									
-40/-41																																		2									
Element (X)	Σ X'			Σ X			X̄			s _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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWT DNT APT
STATION	STATION NAME

57-66

NGV
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
-46/-47																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DNT APT
STATION STATION NAME

57-66

YEARS

NOV
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							
26/ 25	.1	.4																5	5	2								
24/ 23	.3																	2	2	5								
22/ 21	.1	.6																5	5	2								
20/ 19	.6	.4																7	7	10								
18/ 17	.1	1.4																11	11	5								
16/ 15	1.1	1.0																15	15	18								
14/ 13	1.9	.7																19	19	19								
12/ 11	.4																	3	3	6								
10/ 9	1.1	.3																10	10	9								
8/ 7		.1																1	1	1								
6/ 5	2.1																	15	15	16								
4/ 3	2.8	1.0																27	27	24								
2/ 1	2.2	.7																21	21	23								
0/ -1	1.9	.8																20	20	19								
-2/ -3	3.1	.8																28	28	26								
-4/ -5	3.1	.6																26	26	28								
-6/ -7	2.2	.4																19	19	20								
-8/ -9	5.1	.4																40	40	40								
-10/ -11	6.3	.7																50	50	49								
-12/ -13	5.3	.3																40	40	42								
-14/ -15	8.5	.3																63	63	62								
-16/ -17	7.1	.6																55	55	55								
-18/ -19	7.9	.4																60	60	59								
-20/ -21	5.8	.1																43	43	44								
-22/ -23	4.3	.4																34	34	35								
-24/ -25	4.7	.3																36	36	36								
-26/ -27	3.1	.3																24	24	24								
-28/ -29	2.8																	20	20	20								
-30/ -31	1.5																	11	11	11								
-32/ -33	.6	.3																6	6	5								
-34/ -35	.4																	4	4	5								
-36/ -37																												
-38/ -39																												
-40/ -41																												
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_X		No. Obs.		Mean No. of Hours with Temperature								Total									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb																												
Wet Bulb																												
Dew Point																												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWY DOT APT
STATION	STATION NAME

57-66

NOV
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			
-42/-43																					2			
-46/-47																					1			
-48/-49																					1			
TOTAL	86.7	13.3																720		720	720			
																		</						

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE WWT DOT APT
STATION STATION NAME

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YEARS

NOV
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						
26/ 25	.1																	1	1	1							
24/ 23	.7																	5	5	5							
22/ 21	.8																	4	4	4	5						
20/ 19	.1	.8																7	7	6	4						
18/ 17	.3	1.1																10	10	4	2						
16/ 15	1.0	.7																12	12	17	4						
14/ 13	1.1	1.3																17	17	15	10						
12/ 11	1.3	.3																11	11	14	16						
10/ 9	.4																	3	3	4	18						
8/ 7	1.5	.3																13	13	12	6						
6/ 5	1.7	.6																16	16	15	4						
4/ 3	1.7	.6																16	16	16	10						
2/ 1	1.8	.8																19	19	16	10						
0/ -1	2.8	.4																23	23	27	20						
-2/ -3	2.6	.4																25	25	22	15						
-4/ -5	3.1	.8																28	28	29	19						
-6/ -7	3.3	.6																28	28	30	17						
-8/ -9	3.3																	24	24	25	30						
-10/-11	4.7	.7																39	39	37	24						
-12/-13	6.4	.6																50	50	51	33						
-14/-15	9.4	.8																74	74	73	16						
-16/-17	6.4	.7																51	51	50	46						
-18/-19	6.7	.3																50	50	52	56						
-20/-21	6.8	.7																54	54	52	57						
-22/-23	4.6																	33	33	36	48						
-24/-25	5.1																	37	37	37	56						
-26/-27	4.6	.1																34	34	34	44						
-28/-29	2.8																	20	20	20	38						
-30/-31	.7	.1																6	6	5	37						
-32/-33	1.0	.4																10	10	8	24						
-34/-35																				3	23						
-36/-37																					10						
-38/-39																					6						
-40/-41																					6						
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_X		No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.											≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901	RESOLUTE NWY OUT APT
STATION	STATION NAME

57-66

NGV
MCMH

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[illegible]

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DATA PROCESSING DIVISION
USAFETAC
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PSYCHROMETRIC SUMMARY

17901

RESOLUTE NWT DDT APT

57-66

YEARS

17/19
MONTH

PAGE 1 1800-2000

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																		
24/ 23	.3	.3																4	4	4															
22/ 21	.4																	3	3	3													3		
20/ 19		1.1																2	2	2													4		
18/ 17	.1	.8																5	5	5													8		
16/ 15	.6	.6																8	8	8													10		
14/ 13	.7	1.0																12	12	12													10		
12/ 11	2.1	1.0																22	22	21													8		
10/ 9	.6	.1																6	6	6													18		
8/ 7	1.1	.1																17	10	11													13		
6/ 5	1.5	.3																13	13	11													9		
4/ 3	2.1	.7																20	20	19													9		
2/ 1	1.9	.4																17	17	19													8		
0/ -1	2.8	.7																25	25	23													15		
-2/ -3	3.3	.7																29	29	31													22		
-4/ -5	3.3	1.1																32	32	31													17		
-6/ -7	2.2	.8																22	22	20													25		
-8/ -9	3.5	.6																29	29	33													24		
-10/-11	4.6	1.1																41	41	36													30		
-12/-13	6.8	.6																53	53	56													22		
-14/-15	8.1	1.4																68	68	66													33		
-16/-17	4.9	.7																40	40	42													40		
-18/-19	5.6	.7																45	45	45													54		
-20/-21	6.0	.4																46	46	47													52		
-22/-23	6.1	.3																46	46	47													50		
-24/-25	5.4	.1																40	40	40													37		
-26/-27	4.4																	32	32	32													47		
-28/-29	2.1																	15	15	15													40		
-30/-31	1.3	.1																10	10	10													38		
-32/-33	1.4																	10	10	10													30		
-34/-35	.7																	5	5	5													25		
-36/-37																																		10	
-38/-39																																		7	
-40/-41																																		4	
-42/-43																																		3	
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901	RESOLUTE NWT OUT APT
STATION	STATION NAME

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NGV
MONTH

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE INWT DOT APT
STATION

57-66

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					
24/ 23	.4																		3	3	3				
22/ 21	.4																		3	3	2				
20/ 19	.3	1.1																	10	10	2				
18/ 17	1.0	.7																	12	12	5				
16/ 15	.1	.3																	3	3	7				
14/ 13	1.0	.8																	13	13	12				
12/ 11	2.1	1.0																	22	22	4				
10/ 9	.7	.3																	7	7	17				
8/ 7	1.4	.1																	11	11	13				
6/ 5	1.3	.6																	13	13	9				
4/ 3	2.2	.6																	20	20	11				
2/ 1	2.6	.1																	20	20	14				
0/ -1	2.5	.3																	20	20	11				
-2/ -3	3.2	1.0																	30	30	24				
-4/ -5	2.2																		16	16	18				
-6/ -7	3.9	.4																	31	31	15				
-8/ -9	4.7	.6																	38	38	25				
-10/-11	5.1	.4																	40	40	25				
-12/-13	5.6	1.0																	47	47	29				
-14/-15	6.7	.3																	50	50	37				
-16/-17	8.1	1.0																	65	65	37				
-18/-19	6.0	.6																	47	47	45				
-20/-21	5.3	.4																	41	41	45				
-22/-23	5.6																		42	42	65				
-24/-25	7.1	.4																	54	54	37				
-26/-27	3.2	.1																	24	24	41				
-28/-29	1.7	.1																	13	13	37				
-30/-31	.6																		4	4	55				
-32/-33	1.5	.4																	14	14	28				
-34/-35	.8	.1																	7	7	19				
-36/-37																					12				
-38/-39																					4				
-40/-41																					1				
-42/-43																					6				
Element (X)	Σ X'		Σ X		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS _____ MONTH _____

17901	RESOLUTE NVT DDT APT
STATION	STATION NAME

57-66

PAGE 2 2100-2300

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	± 1	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																										
-44/-45																																					3																									
-46/-47																																					2																									
-48/-49																																					3																									
TOTAL	7.412.9																																	720	720	720																										

Element (X)	ΣX^2	ΣX	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4091250	53942	74.9	8.335	720							90
Dry Bulb	203919	-7969	-11.1	12.686	720	72.9	90.0					90
Wet Bulb	204476	-8060	-11.2	12.606	720	73.0	90.0					90
Dew Point	341395	-12141	-16.9	13.787	720	78.0	90.0					90

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

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION STATION NAME

57-66

DEC
MONTH

PAGE 1 0000-0200
HOURS 11 5 11

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/ 9	.7																	5	5	5						
8/ 7	.1																	1	1	1	1					
6/ 5	.3																	2	2	2	3					
4/ 3	1.2	.1																9	9	9						
2/ 1	1.2																	8	8	9	2					
0/ -1	1.3	.1																10	10	9	9					
-2/ -3	3.8	.3																28	28	29	4					
-4/ -5	3.2	.4																39	39	37	9					
-6/ -7	3.8	.6																30	30	31	24					
-8/ -9	4.9	.4																37	37	37	22					
-10/-11	3.6	.4																28	28	28	29					
-12/-13	5.5	.4																41	41	39	31					
-14/-15	4.5	.7																36	36	37	35					
-16/-17	6.7	1.2																54	54	51	26					
-18/-19	6.1	.9																48	48	49	34					
-20/-21	5.9	.3																43	43	47	38					
-22/-23	7.2	.3																52	52	50	40					
-24/-25	7.7	.4																56	56	57	53					
-26/-27	6.8	.3																49	49	49	51					
-28/-29	4.5																	31	31	32	34					
-30/-31	5.6																	39	40	39	42					
-32/-33	2.6																	18	18	18	51					
-34/-35	3.9																	27	37	27	50					
-36/-37																			13		32					
-38/-39																			11		27					
-40/-41																			11		27					
-42/-43																			4		3					
-44/-45																			3		10					
-46/-47																					1					
-48/-49																					1					
TOTAL	73.1	6.9																691	744	691	691					

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3606495	49659	71.9	7.395	691	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	357119	-14131	-19.0	10.928	744	89.9	93.0					93
Wet Bulb	281511	-12165	-17.6	9.880	691	89.6	93.0					93
Dew Point	476822	-16528	-23.9	10.867	691	91.9	93.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

17901	RESOLUTE NWY DOT APT
STATION	STATION NAME

57-66

DEC
MONTH

PAGE 1 0300-0500

MOJAS S. I

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								
12/ 11	.3	.1																3	3	3								
10/ 9	.4																	3	3	3								
8/ 7	.5	.1																1	1	1								
4/ 3	.6																	4	4	4								
2/ 1	1.3	.1																10	10	9								
0/ -1	3.0	.4																24	24	24								
-2/ -3	3.5	.4																27	27	24								
-4/ -5	3.5	.9																30	30	29								
-6/ -7	4.2	.6																33	33	31								
-8/ -9	3.5	.3																26	26	26								
-10/-11	4.8	1.0																40	40	38								
-12/-13	4.5	.3																33	33	36								
-14/-15	4.3	.6																34	34	32								
-16/-17	5.6	.1																40	41	42								
-18/-19	5.6	.3																41	41	40								
-20/-21	9.4	.6																69	69	70								
-22/-23	6.9	.9																54	54	53								
-24/-25	7.4	.9																57	57	55								
-26/-27	7.1	.1																50	50	53								
-28/-29	4.0	.1																29	29	29								
-30/-31	5.1	.1																36	36	37								
-32/-33	5.1	.3																37	38	37								
-34/-35	1.6																	11	18	11								
-36/-37																			16									
-38/-39																			11									
-40/-41																			7									
-42/-43																			8									
-44/-45																			1									
-46/-47																												
TOTAL	71.6	8.4																692	744	692								

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3639207	49925	72.1	7.349	692	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	356322	-14130	-19.0	10.881	744	90.4	93.0					93
Wet Bulb	283049	-12225	-17.7	9.893	692	90.3	93.0					93
Dew Point	476709	-16547	-23.9	10.830	692	91.9	93.0					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DOT APT
STATION

57-66

YEARS

DEC
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												
10/-9	.6																			4	4	4										
8/-7	.3																			2	2	2	1									
6/-5	.1	.1																		2	2	2	5									
4/-3	.3	.1																		3	3	3										
2/-1	1.9	.4																		16	16	15	1									
0/-1	3.4	.9																		30	30	27	4									
-2/-3	2.7	.6																		23	23	23	10									
-4/-5	3.7	.3																		28	28	30	29									
-6/-7	3.3	.9																		29	29	28	19									
-8/-9	2.6	.6																		22	22	22	18									
-10/-11	5.3	.7																		42	42	43	29									
-12/-13	4.9	.9																		40	40	38	22									
-14/-15	4.7	.7																		38	38	39	29									
-16/-17	5.0	.6																		39	39	40	37									
-18/-19	6.9	.6																		52	52	53	36									
-20/-21	7.3	.7																		56	56	55	37									
-22/-23	8.2	.3																		59	59	60	39									
-24/-25	5.7	.4																		43	43	43	40									
-26/-27	5.7	.7																		45	45	44	62									
-28/-29	4.9	.4																		37	37	38	34									
-30/-31	4.9	.4																		37	37	35	46									
-32/-33	5.5																			38	38	41	50									
-34/-35	1.7																			12	15	12	30									
-36/-37																					18		49									
-38/-39																					12		29									
-40/-41																					10		20									
-42/-43																					4		11									
-44/-45																							5									
-46/-47																							1									
-48/-49																							1									
-50/-51																							2									
TOTAL	29.710.3																			697	744	697	696									
Element (X)	Σ x ²	Σ x	$\bar{x}$	s _x	No. Obs.	Mean No. of Hours with Temperature							Total																			
Rel. Hum.	3653192	50120	72.0	7.955	696	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb	350033	-13933	-18.710.951		744	89.6	93.0					93																				
Wet Bulb	283007	-12207	-17.5	9.972	697	89.5	93.0					93																				
Dew Point	479841	-16271	-23.811.079		696	92.1	93.0					93																				

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NAT DOT APT
STATION

57-66

DEC
MONTH

PAGE 1 0900-1100
HOURS (L, S, T, I)

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/-9	.1																	1	1	1												
8/-7	.4																	4	4	4												
6/-5	.4																	3	3	3	4											
4/-3	.3																	2	2	2	3											
2/-1	.9	.3																8	8	7	1											
0/-1	2.6	.6																22	22	22	4											
-2/-3	4.4	.7																36	36	35	4											
-4/-5	2.9	.6																24	24	24	20											
-6/-7	3.6	.7																30	30	27	27											
-8/-9	2.4	.4																20	20	23	23											
-10/-11	3.7	.9																32	32	31	22											
-12/-13	5.6	1.0																46	46	44	22											
-14/-15	6.0	.1																43	43	48	25											
-16/-17	7.2	.1																51	51	50	26											
-18/-19	6.2	1.0																50	50	45	45											
-20/-21	7.0	.9																55	55	59	44											
-22/-23	6.7	.4																50	50	51	49											
-24/-25	6.0																	42	42	43	45											
-26/-27	6.7	.1																48	48	48	47											
-28/-29	5.2	.3																38	38	38	36											
-30/-31	6.5																	45	45	45	43											
-32/-33	3.7	.3																28	30	27	46											
-34/-35	2.7																	19	23	20	48											
-36/-37																			18		38											
-38/-39																			14		32											
-40/-41																			6		24											
-42/-43																			1		11											
-44/-45																			2		5											
-48/-49																					1											
TOTAL	91.5	8.9																697	744	697	697											

Element (X)	Σ x'	Σ x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3670847	30269	72.1	8.072	697	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	353652	-14136	-19.0	10.700	744	90.8	92.0					93
Wet Bulb	287955	-12421	-17.8	9.782	697	90.7	92.0					93
Dew Point	485212	-16761	-24.0	10.871	697	91.9	93.0					93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

DEC

MONTH

PAGE 1 1200-1400

HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOT.:L 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	.4																		3	3	3																					
8/-7	.1																		1	1	1																					
6/-5	.7																		5	5	5	4																				
4/-3	.7																		5	5	5	1																				
2/-1	1.2	.1																	9	9	9	7																				
0/-1	3.2																		22	22	22	2																				
-2/-3	2.3	.1																	17	17	17	4																				
-4/-5	4.2	.3																	31	31	31	23																				
-6/-7	2.0	.7																	23	23	21	16																				
-8/-9	5.2																		34	36	39	15																				
-10/-11	6.5	.3																	47	47	45	22																				
-12/-13	3.9	.9																	33	33	33	35																				
-14/-15	5.6	.4																	42	42	44	37																				
-16/-17	7.5	.3																	54	54	53	27																				
-18/-19	6.2	.4																	46	46	47	37																				
-20/-21	6.9	.9																	54	54	51	50																				
-22/-23	6.4	.9																	50	50	51	45																				
-24/-25	4.8	.4																	36	36	36	48																				
-26/-27	5.2	.3																	38	38	39	37																				
-28/-29	6.8	.1																	48	48	49	39																				
-30/-31	5.2	.1																	37	37	37	42																				
-32/-33	4.6	.3																	34	36	34	42																				
-34/-35	2.9																		20	27	20	42																				
-36/-37																				17		36																				
-38/-39																				11		40																				
-40/-41																				12		19																				
-42/-43																				3		10																				
-44/-45																				1		10																				
-48/-49																						1																				
TOTAL	33.3	6.7																	691	744	691	691																				
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total																													
Rel. Hum.	3643992	49882	72.2	7.904	691	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																															
Dry Bulb	359263	-14219	-19.1	10.853	744	90.1	93.0					93																														
Wet Bulb	284551	-12259	-17.7	9.859	691	89.9	93.0					93																														
Dew Point	478809	-16359	-24.0	10.901	691	91.4	93.0					93																														

YEARS

57-66

DEC
MONTH

PAGE 1 1500-1700
HOURS 11 - 5 - 11

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/ 3	.4																	3	3	3																
8/ 7	.0																	4	4	4																
6/ 5	.4	.1																4	4	4	4															
4/ 3	.3																	7	2	2	5															
2/ 1	1.1	.1																9	9	9	3															
0/ -1	2.3	.1																17	17	17	1															
-2/ -3	2.4	.7																22	22	19	6															
-4/ -5	3.2	.3																24	24	26	17															
-6/ -7	2.9	1.0																27	27	29	16															
-8/ -9	3.4	.6																28	28	29	13															
-10/-11	6.2	.3																45	45	46	24															
-12/-13	4.0	1.0																35	35	30	26															
-14/-15	6.8	.7																52	52	54	31															
-16/-17	7.8	.6																58	58	59	40															
-18/-19	6.9	.6																52	52	51	38															
-20/-21	6.3	.4																45	45	49	43															
-22/-23	7.8	.1																55	55	59	61															
-24/-25	4.3	1.0																37	37	34	45															
-26/-27	5.5																	38	38	41	52															
-28/-29	6.2	.1																44	44	44	36															
-30/-31	6.0	.3																44	44	43	31															
-32/-33	4.2	.1																30	30	30	43															
-34/-35	3.0																	21	29	22	47															
-36/-37																			12		45															
-38/-39																			19		24															
-40/-41																			7		22															
-42/-43																			4		13															
-44/-45																			2		6															
-46/-47																					2															
-48/-49																					1															
-52/-53																					1															
TOTAL	92.0	8.0																696	744	696	696															

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3635895	50075	72.1	8.264	695	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	359129	-14287	-19.2	10.682	744	90.3	93.0					93
Wet Bulb	290167	-12507	-18.0	9.702	696	90.1	93.0					93
Dew Point	488671	-16863	-24.2	10.736	696	91.4	93.0					93

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DDT APT
STATION STATION NAME

57-66

YEARS

DEC

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																
10/ 9	.4																	3	3	3																
8/ 7	.6																	4	4	4																
6/ 5	.8																	4	4	4																
4/ 3	.4																	3	3	3																
2/ 1	1.3	.4																12	12	9																
0/ -1	2.3	.1																17	17	19																
-2/ -3	2.6	.3																20	20	19																
-4/ -5	2.9	.9																26	26	26																
-6/ -7	2.4	.6																21	21	20																
-8/ -9	3.3	.7																29	29	30																
-10/-11	5.0	1.2																43	43	44																
-12/-13	4.8	.3																35	35	34																
-14/-15	5.5	.4																41	41	42																
-16/-17	6.8	1.0																54	54	51																
-18/-19	8.4	.4																61	61	63																
-20/-21	7.5	.4																55	55	56																
-22/-23	7.1	.7																54	54	51																
-24/-25	6.2	.6																47	47	48																
-26/-27	5.2	.1																37	37	39																
-28/-29	4.2																	29	29	30																
-30/-31	7.2	.6																54	54	52																
-32/-33	3.2	.1																23	23	25																
-34/-35	3.2																	22	28	22																
-36/-37																			17		39															
-38/-39																			17		30															
-40/-41																			5		17															
-42/-43																				2		11														
-44/-45																				3		7														
-46/-47																						2														
-48/-49																						4														
TOTAL	91.1	8.9																694	744	694																

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3635297	50047	72.1	8.166	694	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	359930	-14308	-19.2	10.681	744	89.8	93.0					93
Wet Bulb	289177	-12469	-18.0	9.696	694	89.9	93.0					93
Dew Point	486841	-16793	-24.2	10.777	694	91.5	93.0					93

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17901 RESOLUTE NWT DUT APT
STATION STATION NAME

57-66

YEARS

DEC
MONTHPAGE 1 2100-2300
HOURS U.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/ 9	.9																		6	6	6			
8/ 7																						4		
6/ 5	.4																		3	3	3	2		
4/ 3	.6																		4	4	4			
2/ 1	1.3																		9	9	9	6		
0/ -1	2.3	.3																	18	18	17	3		
-2/ -3	1.7	1.0																	19	19	16	2		
-4/ -5	3.2	1.6																	33	33	31	15		
-6/ -7	2.9	.9																	26	26	29	17		
-8/ -9	3.9	.1																	28	28	30	16		
-10/-11	5.0	.4																	38	38	37	28		
-12/-13	5.2	.6																	40	40	40	32		
-14/-15	5.6	.4																	42	42	43	26		
-16/-17	6.2	.3																	45	45	46	31		
-18/-19	7.0	.3																	51	51	50	42		
-20/-21	6.2	1.1																	51	51	49	44		
-22/-23	6.0	.4																	45	45	48	44		
-24/-25	9.2	.1																	65	65	65	47		
-26/-27	5.2	.1																	37	37	37	50		
-28/-29	4.5	.6																	35	35	35	34		
-30/-31	6.0	.1																	43	43	44	53		
-32/-33	4.9	.3																	36	36	35	40		
-34/-35	2.9	.3																	22	33	21	39		
-36/-37																				11	2	42		
-38/-39																				15		36		
-40/-41																				3		21		
-42/-43																				3		13		
-44/-45																				2		6		
-46/-47																				3		1		
-48/-49																						2		
TOTAL	90.9	9.1																	696	744	696	696		

Element (X)	Σx^2	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3667431	50241	72.2	7.653	696	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	366041	-14411	-19.4	10.815	744	90.3	93.0					93
Wet Bulb	296800	-12634	-18.2	9.852	696	90.1	93.0					93
Dew Point	494174	-16971	-24.4	10.753	696	91.4	93.0					93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17901 RESOLUTE NWT DOT APY

57-66

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02			MEAN -26.6	-25.8	-25.9	-13.1	10.8	29.5	37.4	35.2	23.2	4.3	-10.6	-19.0	2.3
			S D 12.208	11.741	10.747	11.326	10.417	6.356	4.790	4.529	7.957	11.162	12.881	10.928	25.678
			TOTAL OBS 620	564	620	600	682	660	682	681	660	734	720	744	7967
03-05			MEAN -26.5	-26.0	-26.1	-14.0	10.4	29.3	37.0	34.9	22.9	4.2	-10.8	-19.0	2.0
			S D 12.398	11.703	10.857	11.497	10.520	6.288	4.704	4.455	8.048	11.282	12.839	10.881	25.627
			TOTAL OBS 620	564	620	600	682	660	682	679	659	734	720	744	7964
06-08			MEAN -26.5	-25.9	-25.9	-13.2	11.7	30.2	38.0	35.8	23.0	4.0	-10.7	-18.7	2.5
			S D 12.450	11.763	10.667	11.596	10.153	6.481	5.355	4.836	8.066	11.263	12.920	10.951	25.910
			TOTAL OBS 620	564	620	600	682	660	682	682	660	734	719	744	7967
09-11			MEAN -26.5	-25.8	-24.8	-10.7	13.8	31.5	39.8	37.4	24.0	4.1	-10.5	-19.0	3.4
			S D 12.171	11.782	10.484	11.354	9.777	6.452	6.125	5.268	8.106	11.204	12.885	10.700	26.314
			TOTAL OBS 620	563	620	600	682	660	682	682	660	734	720	744	7967
12-14			MEAN -26.7	-25.9	-23.1	-8.4	13.6	32.7	40.9	38.6	24.8	4.5	-10.5	-19.1	4.2
			S D 12.023	11.893	10.358	11.106	9.305	6.341	6.262	5.646	8.174	11.145	12.790	10.853	26.587
			TOTAL OBS 618	564	620	600	682	660	682	682	660	734	720	744	7966
15-17			MEAN -26.8	-26.0	-23.1	-7.7	16.2	33.0	41.1	38.9	24.7	3.9	-10.9	-19.2	4.3
			S D 12.081	11.846	10.581	10.996	8.883	6.254	6.234	5.814	8.264	11.314	12.685	10.682	26.695
			TOTAL OBS 617	564	620	600	681	660	682	682	660	734	720	744	7964
18-20			MEAN -26.8	-26.1	-24.3	-9.2	15.2	32.4	40.5	38.0	23.7	3.7	-11.0	-19.2	3.7
			S D 11.994	11.636	10.809	11.163	9.033	6.240	6.134	5.419	8.387	11.226	12.655	10.681	26.542
			TOTAL OBS 620	564	620	600	682	660	682	682	660	734	720	744	7968
21-23			MEAN -27.0	-26.1	-24.9	-11.5	13.2	31.2	38.9	36.3	22.9	3.5	-11.1	-19.4	2.8
			S D 12.149	11.593	10.744	11.383	9.740	6.170	5.486	4.914	8.150	11.107	12.686	10.815	26.118
			TOTAL OBS 620	563	620	600	681	660	682	682	660	734	720	744	7966
ALL HOURS			MEAN -26.7	-26.0	-24.8	-11.0	13.4	31.2	39.2	36.9	23.6	4.0	-10.8	-19.1	3.2
			S D 12.173	11.737	10.709	11.335	9.963	6.465	5.861	5.326	8.172	11.210	12.787	10.807	26.199
			TOTAL OBS 4953	4510	4980	4800	5454	5280	5456	5452	5279	5872	5759	5952	63729

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17901 RESOLUTE MNT DGT APT

57-66

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-22.1	-22.0	-22.9	-12.6	10.4	28.4	35.9	34.3	22.7	4.1	-10.7	-17.6	4.4	
	S D	10.064	9.932	9.583	10.692	10.316	5.866	3.867	4.151	7.909	11.118	12.760	9.880	23.757	
	TOTAL OBS	409	444	501	586	682	660	682	681	660	734	719	691	7509	
03-05	MEAN	-21.9	-21.9	-22.9	-13.4	10.0	28.2	35.6	34.2	22.5	4.0	-10.8	-17.7	4.2	
	S D	10.265	9.956	9.709	10.860	10.392	5.793	3.841	4.140	7.967	11.226	12.650	9.853	23.689	
	TOTAL OBS	470	435	494	583	682	659	682	679	659	734	717	692	7486	
06-08	MEAN	-21.7	-22.0	-23.0	-12.8	11.2	29.0	36.4	34.9	22.5	3.8	-10.8	-17.5	4.6	
	S D	10.265	10.100	9.576	10.968	10.016	5.863	4.143	4.340	7.948	11.199	12.745	9.973	23.934	
	TOTAL OBS	465	436	505	586	682	660	682	682	660	734	717	697	7506	
09-11	MEAN	-22.2	-22.0	-22.6	-10.5	13.2	30.0	37.7	36.1	23.3	4.0	-10.7	-17.8	5.1	
	S D	10.036	9.994	9.470	11.048	9.642	5.722	4.554	4.543	7.924	11.160	12.744	9.782	24.322	
	TOTAL OBS	479	441	532	592	681	660	682	682	660	734	720	697	7560	
12-14	MEAN	-22.6	-21.9	-21.6	-8.5	15.0	31.0	38.4	37.0	24.0	4.3	-10.6	-17.7	5.7	
	S D	9.860	10.168	9.535	10.852	9.180	5.534	4.507	4.631	7.938	11.070	12.668	9.859	24.546	
	TOTAL OBS	482	439	563	598	682	660	682	682	660	734	720	691	7593	
15-17	MEAN	-22.5	-21.9	-21.6	-7.9	15.6	31.3	38.6	37.2	24.0	3.7	-11.0	-18.0	5.8	
	S D	9.937	10.051	9.776	10.869	8.741	5.444	4.451	4.702	8.003	11.248	12.585	9.702	24.607	
	TOTAL OBS	472	435	564	600	681	660	682	682	660	734	720	696	7586	
18-20	MEAN	-22.5	-22.1	-22.1	-9.2	14.6	30.9	38.2	36.5	23.1	3.5	-11.1	-18.0	5.4	
	S D	9.890	9.764	9.796	10.870	8.908	5.461	4.422	4.611	8.207	11.165	12.593	9.696	24.465	
	TOTAL OBS	471	438	537	596	682	660	682	681	660	734	720	694	7555	
21-23	MEAN	-22.1	-21.9	-22.3	-11.2	12.7	29.9	37.1	35.3	22.4	3.4	-11.2	-18.2	4.9	
	S D	10.022	9.733	9.358	10.880	9.653	5.541	4.215	4.397	8.029	11.046	12.606	9.852	24.078	
	TOTAL OBS	454	430	517	590	681	660	682	682	660	734	720	696	7506	
ALL HOURS	MEAN	-22.2	-22.0	-22.3	-10.8	12.8	29.8	37.2	35.7	23.0	3.8	-10.9	-17.8	5.0	
	S D	10.037	9.954	9.634	11.046	9.827	5.766	4.393	4.573	8.010	11.151	12.655	9.821	24.184	
	TOTAL OBS	3762	3498	4213	4731	5453	5279	5456	5451	5279	5872	5753	5554	60301	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17901 RESOLUTE HWY DOT APT

57-66

STATION		STATION NAME												YEARS	
HRS. L.S.T.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	-29.1	-28.7	-29.6	-18.8	6.2	26.0	34.0	33.3	20.4	.2	-16.3	-23.9	.1	
	S.D.	11.484	11.226	11.021	11.724	11.628	6.242	3.413	4.129	8.982	12.223	13.904	10.467	25.989	
	TOTAL OBS.	469	444	500	586	682	660	682	682	660	734	719	691	7509	
03-05	MEAN	-28.8	-28.7	-29.6	-19.7	5.8	25.9	33.8	33.1	20.2	.0	-16.3	-23.9	-.1	
	S.D.	11.518	11.298	11.222	11.935	11.721	6.181	3.389	4.172	9.010	12.417	13.890	10.830	25.921	
	TOTAL OBS.	470	435	492	583	682	659	682	679	659	734	717	692	7484	
06-08	MEAN	-28.7	-28.7	-29.6	-19.2	7.0	26.5	34.3	33.6	20.1	-.1	-16.3	-23.8	.2	
	S.D.	11.742	11.470	11.088	12.092	11.370	6.091	3.395	4.246	8.993	12.423	13.744	11.079	26.110	
	TOTAL OBS.	465	436	504	586	682	660	682	682	660	734	717	696	7504	
09-11	MEAN	-29.0	-28.7	-29.5	-16.7	9.1	27.4	35.2	34.4	20.9	.0	-16.2	-24.0	.7	
	S.D.	11.346	11.266	10.905	12.198	11.039	5.768	3.622	4.380	8.898	12.431	13.807	10.871	26.357	
	TOTAL OBS.	479	441	532	592	681	660	682	682	660	734	720	697	7460	
12-14	MEAN	-29.4	-29.0	-28.5	-14.7	11.0	28.2	35.5	35.0	21.6	.4	-16.1	-24.0	1.2	
	S.D.	11.146	11.671	11.091	11.955	10.600	5.438	3.562	4.349	8.874	12.206	13.717	10.901	26.489	
	TOTAL OBS.	482	439	563	598	682	660	682	682	660	734	720	691	7593	
15-17	MEAN	-29.2	-28.7	-28.5	-14.0	11.7	28.6	35.6	35.0	21.5	-.2	-16.5	-24.2	1.3	
	S.D.	11.311	11.560	11.151	11.961	10.071	5.282	3.507	4.297	8.884	12.382	13.592	10.736	26.499	
	TOTAL OBS.	472	435	564	600	681	660	682	682	660	734	720	696	7586	
18-20	MEAN	-29.2	-29.0	-28.9	-15.4	10.7	28.2	35.4	34.5	20.6	-.5	-16.7	-24.2	.9	
	S.D.	11.167	11.162	11.178	12.037	10.290	5.459	3.502	4.464	9.258	12.373	13.647	10.777	26.421	
	TOTAL OBS.	471	438	535	596	682	660	682	681	650	734	720	694	7553	
21-23	MEAN	-28.8	-28.8	-28.9	-17.6	8.6	27.5	34.8	33.8	20.0	-.7	-16.9	-24.4	.5	
	S.D.	11.348	11.202	10.948	12.037	11.056	5.658	3.493	4.391	9.119	12.307	13.787	10.753	26.191	
	TOTAL OBS.	454	430	516	590	681	660	682	682	660	734	720	696	7505	
ALL HOURS	MEAN	-29.0	-28.8	-29.1	-17.0	8.8	27.3	34.8	34.1	20.7	-.1	-16.4	-24.1	.6	
	S.D.	11.374	11.348	11.054	12.157	11.183	5.853	3.545	4.361	9.015	12.343	13.730	10.847	26.252	
	TOTAL OBS.	3762	3498	4206	4731	5453	5279	5456	5452	5279	5872	5753	5553	60294	

RELATIVE HUMIDITY

STATISTICS

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

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%		
	0-1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1-2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	3-4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	5-6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	7-8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	9-10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	11-12	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	13-14	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	15-16	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	17-18	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	19-20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	21-22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	23-24	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTALS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

MONTH _____

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%		
	1-5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	6-10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	11-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	16-20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	21-25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	26-30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	31	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	32	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	33	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	34	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	35	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	36	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	37	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	38	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	39	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	41	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	42	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	43	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	44	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	45	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	46	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	47	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	48	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	49	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	51	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	52	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	53	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	54	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	55	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	56	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	57	100.0	100.0</									

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
Jan	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Feb	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mar	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Apr	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
May	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Jun	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Jul	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Aug	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sep	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oct	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Nov	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Dec	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTALS		100.0	100.0	100.0	100.0	99.9	99.9	94.9	76.9	59.9	46.9	31.9

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

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%	
	01	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	
	02	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	
	03	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	04	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	05	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	06	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	07	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	08	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	09	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	10	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	11	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	12	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	13	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	14	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	15	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	16	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	17	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	18	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	19	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	20	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	21	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	22	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	23	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	24	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	
	TOTALS	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	5400

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	0-1	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	100
	2-3	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	100
	4-5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	100
	6-7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	100
	8-9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	10-11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	12-13	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	14-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	16-17	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	18-19	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	20-21	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	22-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	24-25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	26-27	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	28-29	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	30-31	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
	TOTALS	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	545

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	1-5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	6-10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	11-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	16-20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	21-25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	26-30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	31-35	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	36-40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	41-45	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	46-50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	51-55	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	56-60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	61-65	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	66-70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	71-75	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	76-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	81-85	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	86-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	91-95	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	96-100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTALS	100.0	100.0	100.0	100.0	100.0	100.0	98.6	97.2	92.1	86.1	82.2

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	03	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	06	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	07	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	09	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	12	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	13	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	14	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	16	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	17	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	18	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	19	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	21	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	24	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	26	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	27	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	28	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	29	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	31	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	TOTALS	100.0	100.0	100.0	100.0	92.6	76.3	70.7	21.7	0.0	100.0	100.0

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

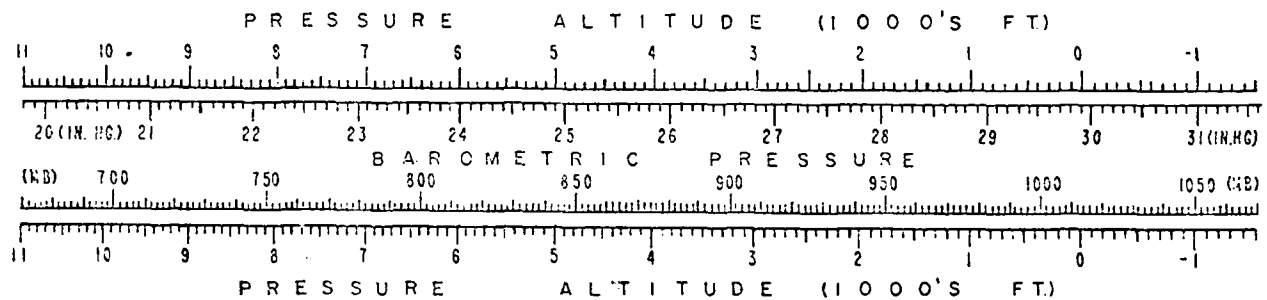
PART F

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 to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure 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.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

17901 ESQUETE NWT DDT APT

57-66

STATION NAME

YEARS

	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00	MEAN 29.58829.72029.89729.83829.83329.70229.64129.64829.60829.59929.70229.669	29.588	29.720	29.897	29.838	29.833	29.702	29.641	29.648	29.608	29.599	29.702	29.669	29.712
	S.D. .367 .378 .309 .276 .242 .202 .208 .216 .226 .236 .273 .298 .289	.367	.378	.309	.276	.242	.202	.208	.216	.226	.236	.273	.298	.289
	TOTAL OBS. 310 282 310 300 310 300 310 310 310 300 310 300 310 3652	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN 29.69229.72529.90229.84229.83429.70429.64429.65229.61029.60329.70729.674	29.692	29.725	29.902	29.842	29.834	29.704	29.644	29.652	29.610	29.603	29.707	29.674	29.716
	S.D. .368 .377 .307 .276 .246 .202 .208 .217 .227 .238 .272 .303 .290	.368	.377	.307	.276	.246	.202	.208	.217	.227	.238	.272	.303	.290
	TOTAL OBS. 310 282 310 300 310 300 310 310 310 300 310 300 310 3652	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN 29.69329.72629.90229.84429.83529.70329.64729.65629.61429.60329.70629.673	29.693	29.726	29.902	29.844	29.835	29.703	29.647	29.656	29.614	29.603	29.706	29.673	29.717
	S.D. .369 .377 .308 .278 .249 .203 .208 .217 .228 .238 .272 .305 .291	.369	.377	.308	.278	.249	.203	.208	.217	.228	.238	.272	.305	.291
	TOTAL OBS. 310 282 310 300 310 300 310 310 310 300 310 300 310 3651	310	282	310	300	310	300	310	310	300	310	300	310	3651
09	MEAN 29.68829.72529.89729.84229.83029.70229.64129.65229.60929.59929.70229.670	29.688	29.725	29.897	29.842	29.830	29.702	29.641	29.652	29.609	29.599	29.702	29.670	29.713
	S.D. .369 .376 .311 .278 .251 .202 .207 .215 .228 .238 .272 .305 .291	.369	.376	.311	.278	.251	.202	.207	.215	.228	.238	.272	.305	.291
	TOTAL OBS. 310 282 310 300 310 300 310 310 310 300 310 300 310 3652	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN 29.68429.72529.89429.84029.82929.69929.63929.65129.60829.60029.70229.669	29.684	29.725	29.894	29.840	29.829	29.699	29.639	29.651	29.608	29.600	29.702	29.669	29.712
	S.D. .372 .377 .313 .278 .250 .200 .206 .214 .226 .238 .272 .303 .291	.372	.377	.313	.278	.250	.200	.206	.214	.226	.238	.272	.303	.291
	TOTAL OBS. 310 282 310 300 310 300 310 310 300 310 300 310 310 3652	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN 29.69129.73529.90129.84729.83329.70329.64329.65329.61429.60929.70929.679	29.691	29.735	29.901	29.847	29.833	29.703	29.643	29.653	29.614	29.609	29.709	29.679	29.718
	S.D. .373 .375 .309 .276 .248 .198 .206 .214 .227 .238 .272 .301 .289	.373	.375	.309	.276	.248	.198	.206	.214	.227	.238	.272	.301	.289
	TOTAL OBS. 309 282 310 299 310 300 310 310 300 310 300 310 310 3650	309	282	310	299	310	300	310	310	300	310	300	310	3650
18	MEAN 29.69629.74129.90529.84929.83529.70629.64329.65529.61729.61129.70929.681	29.696	29.741	29.905	29.849	29.835	29.706	29.643	29.655	29.617	29.611	29.709	29.681	29.720
	S.D. .372 .378 .306 .275 .247 .197 .206 .213 .226 .238 .273 .299 .289	.372	.378	.306	.275	.247	.197	.206	.213	.226	.238	.273	.299	.289
	TOTAL OBS. 310 282 310 300 310 300 310 310 300 310 300 310 310 3652	310	282	310	300	310	300	310	310	300	310	300	310	3652
21	MEAN 29.69129.73529.90229.84729.82929.70229.63929.65329.61229.60329.70229.673	29.691	29.735	29.902	29.847	29.829	29.702	29.639	29.653	29.612	29.603	29.702	29.673	29.716
	S.D. .372 .377 .305 .273 .245 .198 .206 .214 .226 .239 .274 .298 .289	.372	.377	.305	.273	.245	.198	.206	.214	.226	.239	.274	.298	.289
	TOTAL OBS. 310 282 310 300 310 300 310 310 300 310 300 310 310 3652	310	282	310	300	310	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN 29.69029.72929.90029.84429.83229.70329.64229.65229.61129.60329.70329.674	29.690	29.729	29.900	29.844	29.832	29.703	29.642	29.652	29.611	29.603	29.703	29.674	29.715
	S.D. .369 .376 .308 .276 .247 .200 .207 .215 .226 .238 .272 .301 .290	.369	.376	.308	.276	.247	.200	.207	.215	.226	.238	.272	.301	.290
	TOTAL OBS. 2479 2256 2480 2399 2480 2400 2480 2480 2400 2480 2399 2480 29213	2479	2256	2480	2399	2480	2400	2480	2480	2400	2480	2399	2480	29213

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

57-66

STATION		YEARS												
STATION NAME		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1014.31015.41021.41019.21018.81014.11011.91012.21010.91010.81014.51013.5	1014.7											
	S D	12.51812.93110.522 9.384 8.304 6.902 7.095 7.365 7.742 8.052 9.31510.211	9.919											
	TOTAL OBS	310 282 310 300 310 300 310 300 310 300 310 300 310	3652											
03	MEAN	1014.41015.51021.61019.31018.81014.11012.01012.31011.01010.91014.71013.7	1014.9											
	S D	12.54112.91010.471 9.416 8.425 6.928 7.086 7.392 7.762 8.147 9.26210.354	9.944											
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652											
06	MEAN	1014.41015.61021.51019.41018.81014.21012.11012.41011.11010.91014.71013.6	1014.9											
	S D	12.58812.89710.507 9.486 8.525 6.946 7.098 7.386 7.799 8.170 9.27610.425	9.971											
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 299 310	3651											
09	MEAN	1014.31015.51021.41019.31018.71014.11011.91012.31010.91010.81014.51013.5	1014.8											
	S D	12.58012.85810.592 9.479 8.593 6.917 7.073 7.357 7.808 8.148 9.26510.422	9.974											
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652											
12	MEAN	1014.11015.51021.31019.31018.81014.01011.81012.21010.91010.91014.51013.5	1014.7											
	S D	12.67412.86910.643 9.488 8.577 6.846 7.034 7.319 7.748 8.149 9.25510.377	9.963											
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652											
15	MEAN	1014.41015.91021.51019.51018.71014.21012.01012.31011.11011.11014.81013.8	1014.9											
	S D	12.71512.82110.542 9.411 8.504 6.781 7.007 7.300 7.743 8.161 9.26210.291	9.931											
	TOTAL OBS	309 282 310 300 310 300 310 310 300 310 300 310	3651											
18	MEAN	1014.51016.11021.61019.51018.81014.21012.01012.41011.21011.21014.81013.9	1015.0											
	S D	12.67712.89210.437 9.362 8.449 6.737 7.000 7.290 7.714 8.154 9.31210.250	9.913											
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652											
21	MEAN	1014.41015.91021.61019.51018.61014.11011.91012.31011.11011.01014.51013.7	1014.9											
	S D	12.67712.87310.395 9.328 8.396 6.763 7.030 7.288 7.712 8.135 9.34010.195	9.911											
	TOTAL OBS	310 282 310 300 310 300 310 310 300 310 300 310	3652											
ALL HOURS	MEAN	1014.31015.71021.51019.41018.71014.11011.91012.31011.01011.01014.61013.7	1014.8											
	S D	12.60412.85910.500 9.406 8.460 6.844 7.043 7.327 7.743 8.129 9.27310.302	9.940											
	TOTAL OBS	2479 2256 2480 2400 2480 2400 2480 2480 2400 2480 2399 2480	29214											

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