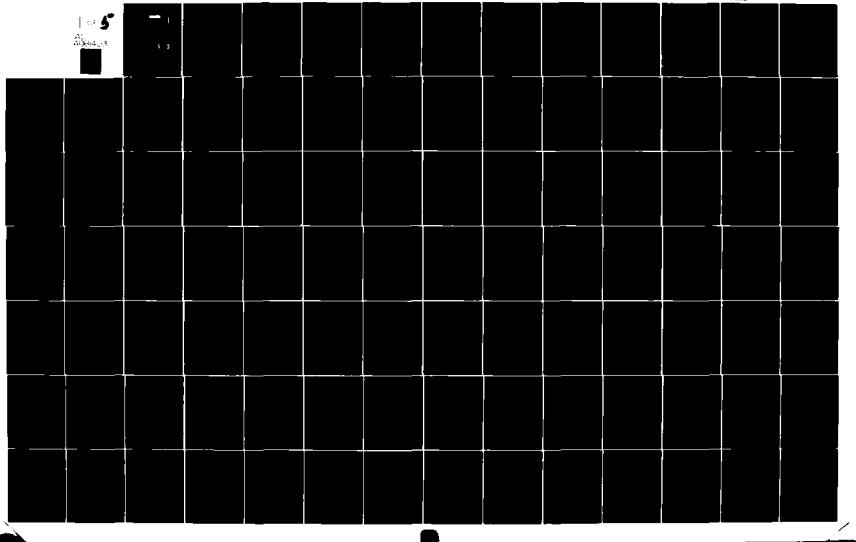
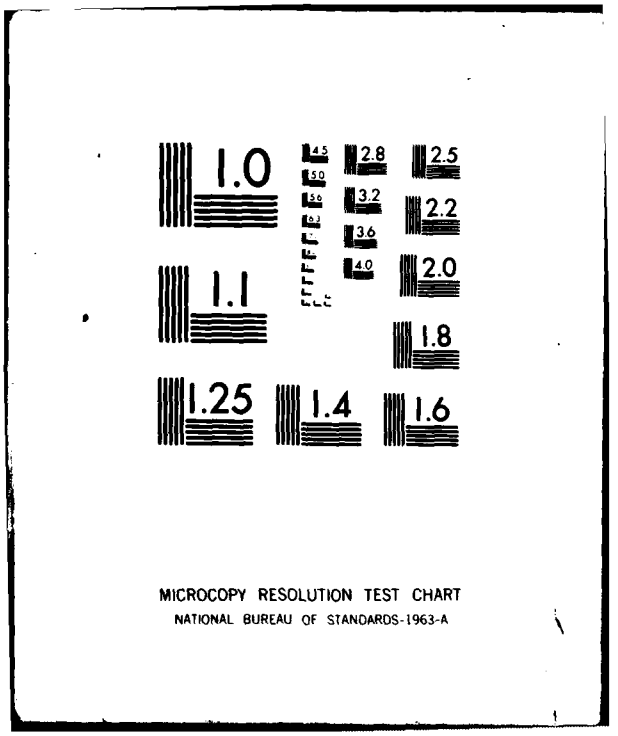
AD-A081 403 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KSC SHUTTLE APT, TITUSVILLE, FLORIDA. REVISED UNIFORM SUMMARY O--ETC(U)
NOV 79

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1.0
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1.4
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1.8
2.0
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2.8
3.2
3.6
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4.5
5.0
5.6
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PHOTOGRAPH THIS SHEET

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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

KSC SHUTTLE APT FL WBAN# 12868
N 28 28 W 080 33 FLD ELEV 10 FT XMR WMO # 74794

PARTS A-F

POR FROM HOURLY OBS: JUN 69 - MAY 79
POR FROM DAILY OBS: JUN 57 - MAY 79

TIME CONVERSION GMT TO LST: -5

NOV 0 6 1979

FEDERAL BUILDING
ASHEVILLE, N. C.

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27 FEB 1980

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4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-KSC Shuttle APT, Titusville, Florida		5. TYPE OF REPORT & PERIOD COVERED Final rept. 6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
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18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperature	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 KSC Shuttle APT, Titusville, Florida

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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

*Florida *KSC Shuttle APT, FL

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 occurrence tables.

U S AIR FORCE
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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	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH		RELATIVE HUMIDITY
PARTC	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		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_____

574-00000

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
12868	KSC SHUTTLE APT FLORIDA	N 28 28	W 080 33	10	XMR	74794

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Cape Canaveral Florida	AFS	Jun 52	Jan 53	N 28 28	W 080 33	14	17 ft	24
2	Same	Same	Mar 53	Feb 54	Same	Same	Same	Same	24
3	Same.	Same	Mar 54	Oct 56	Same	Same	10	Same	9-12
4	Same	Same	Nov 56	Mar 64	N 28 29	Same	Same	16 ft	24
5	Cape Kennedy AFS Florida	Same	Apr 64	Mar 70	Same	Same	Same	Same	24
6	Same	Same	Apr 70	Feb 78	N 28 28	Same	Same	Same	24
7	KSC Shuttle Apt, FL	Same	Mar 78	May 79	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jun 52	Located on top of weather station	GMQ-1	ML-204B	40 ft	
2	Mar 54	Located on the NE corner of the weather station	GMQ-1A	Same	49 ft	
3	Apr 56	Located on top of weather station	Same	Same	35 ft	
4	Apr 58	1. Located on roof of inflation shelter	Same	Same	36 ft	
		2. Same	Stewart Type Friez	Stewart Type	33 ft	
		3. Same	Same	ML 141-5	34 ft	

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

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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.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 65 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

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2

WEATHER CONDITIONS

12862 KSC SHUTTLE APT FL 70-75 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	.3	3.1				3.1	5.8				5.9	929
	03-05	.1	4.6				4.6	9.4				9.4	929
	06-08	.1	3.9				3.9	16.7				16.7	930
	09-11		3.1				3.1	4.7	.6			5.2	930
	12-14	.2	5.5				5.5	.2	.1			.3	930
	15-17	.2	3.3				3.3	.6	.2			.9	930
	18-20	.4	3.7				3.7	.9	.3			1.2	929
	21-23	.1	2.4				2.4	2.0				2.0	930
TOTALS		.2	3.7				3.7	5.0	.2			5.2	7437

GLOBAL CLIMATOLOGY BRANCH
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2

WEATHER CONDITIONS

12862 KSC SHUTTLE APT FL 70-73 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	.2	3.7				3.7	3.4				3.4	846
	03-05	.4	3.3				3.3	6.3				6.3	844
	06-08		3.7				3.7	12.3	.2			12.4	846
	09-11	.5	5.3				5.3	4.1	1.3			5.4	846
	12-14	.2	4.3				4.3	.4	.7			1.1	846
	15-17	.4	4.5				4.5	1.2	.5			1.7	846
	18-20	.8	5.0				5.0	2.1	.1			2.2	846
	21-23	1.2	6.5				6.5	2.0				2.0	846
TOTALS		.5	4.5				4.5	4.0	.4			4.3	6766

GLOBAL CLIMATOLOGY BRANCH
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2

WEATHER CONDITIONS

12852 KSC SEATTLE APT FL 70-79 APR
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	.6	4.2				4.2	1.0				1.0	930
	03-05	1.4	4.1				4.1	5.4	.1			5.5	928
	06-08	.8	3.3				3.3	11.7	.8			12.3	928
	09-11	1.0	2.3				2.3	2.0	1.4			3.4	930
	12-14	.9	2.9				2.9	.1	.9			.9	930
	15-17	.5	3.0				3.0	.5	.4			1.0	929
	18-20	1.1	4.1				4.1	.5	.5			1.1	925
	21-23	1.1	3.7				3.7	.3				.3	927
TOTALS		.9	3.5				3.5	2.7	.5			3.2	7427

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WEATHER CONDITIONS

12868 KSC SHUTTLE APT FL 70-7? APR
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	.2	1.0				1.0	.6				.6	899
	03-05		1.8				1.8	1.7				1.7	900
	06-08	.1	2.1				2.1	7.8	1.8			9.1	900
	09-11	.7	2.0				2.0	1.1	1.3			2.3	900
	12-14	1.7	2.1				2.1	.1	.4			.6	900
	15-17	1.4	3.0				3.0		.2			.2	899
	18-20	.3	1.3				1.3		.2			.2	898
	21-23	.2	1.2				1.2						900
TOTALS		.6	1.8				1.8	1.4	.5			1.8	7196

GLOBAL CLIMATOLOGY BRANCH
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2

WEATHER CONDITIONS

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 70-74 YEARS | MAY 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	.8	.9				.9	.2	1.0			1.0	929
	03-05	.3	.8				.8	.2	.6			.9	930
	06-08	.3	2.5				2.5	3.4	1.7			4.3	930
	09-11	1.6	2.7				2.7	.2	1.7			1.9	930
	12-14	6.1	4.7				4.7		1.4			1.4	930
	15-17	8.1	6.6				6.6	.1	1.7			1.8	930
	18-20	7.1	6.0				6.0	.2	1.1			1.3	927
	21-23	2.8	5.2				5.2	.2	.9			1.1	927
TOTALS		3.4	3.7				3.7	.6	1.3			1.7	7433

2

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-74 (YEARS) JUN (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	.9	2.3				2.3	.4				.4	900
	03-05	.9	2.7				2.7	1.2				1.2	900
	06-08	1.0	3.2				3.2	3.4	1.9			5.2	900
	09-11	1.7	2.2				2.2		.9			.9	900
	12-14	7.2	5.0				5.0		.7			.7	900
	15-17	15.4	8.9				8.9		.3			.3	900
	18-20	11.0	10.8				10.8	.2	.4			.7	900
	21-23	3.0	4.2				4.2	.1				.1	900
TOTALS		5.1	4.9				4.9	.7	.5			1.2	7200

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

12808 KSC SHUTTLE APT FL 73-78 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	.6	.9				.9	.1				.1	930
	03-05	.6	.6				.6	.1				.1	930
	06-08	1.4	1.9				1.9	1.7	.6			2.4	930
	09-11	2.2	2.7				2.7		.3			.3	930
	12-14	12.6	4.5				4.5		.6			.6	930
	15-17	20.9	8.6				8.6	.2	.2			.4	930
	18-20	12.7	9.1				9.1	.2	.1			.3	930
	21-23	3.7	3.5				3.5						930
TOTALS		6.8	4.0				4.0	.3	.2			.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

12853 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) AUG (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	1.2	1.1				1.1	.2	.1			.3	929
	03-05	.9	1.4				1.4	.5				.5	930
	06-08	1.1	1.2				1.2	2.0	.9			2.8	930
	09-11	2.5	2.8				2.8	.1	1.3			1.4	930
	12-14	3.2	3.3				3.3		1.1			1.1	930
	15-17	15.4	8.5				8.5		1.5			1.5	930
	18-20	8.9	6.9				6.9	.2	1.4			1.6	929
	21-23	3.0	3.0				3.0		.1			.1	930
TOTALS		5.2	3.5				3.5	.4	.8			1.2	7438

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

12863 — STATION
KSC SHUTTLE APT FL — STATION NAME
[illegible]-7[illegible] — YEARS
SEP — 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	3.3	4.2				4.2	.2	.2			.4	300
	03-05	1.8	4.6				4.6	.3				.3	900
	06-08	1.2	4.9				4.9	2.7	.7			3.3	900
	09-11	1.2	3.7				3.7		.3			.3	900
	12-14	5.9	4.7				4.7						900
	15-17	7.4	6.3				6.3		.4			.4	900
	18-20	6.1	7.4				7.4		.6			.6	900
	21-23	4.2	5.7				5.7		.3			.3	899
TOTALS		3.9	5.2				5.2	.4	.3			.7	7199

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 73-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.0	2.8				2.8	.1				.1	930
	03-05	1.2	3.0				3.0	2.0				2.0	929
	06-08	1.0	5.4				5.4	5.1	.2			5.1	930
	09-11	.4	4.5				4.5	.3	.3			.6	930
	12-14	1.2	5.4				5.4	.3				.3	930
	15-17	2.0	6.0				6.0	.1				.1	930
	18-20	2.5	6.6				6.6		.1			.1	930
	21-23	1.3	4.7				4.7						930
TOTALS		1.3	4.8				4.8	1.0	.1			1.0	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12864 KSC SHUTTLE APT FL 79-78 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		3.3				3.3	2.5	.4			3.2	900
	03-05	.3	4.1				4.1	4.6				4.6	900
	06-08	.2	3.7				3.7	8.8				8.8	900
	09-11	.4	3.9				3.9	2.7	.3			3.0	900
	12-14	.4	3.7				3.7		.9			.9	900
	15-17	1.2	5.2				5.2	.2	1.1			1.3	899
	18-20	.7	4.9				4.9	.6	1.6			2.1	900
	21-23	.3	3.7				3.7	1.1	.9			1.9	900
TOTALS		.4	4.1				4.1	2.6	.7			3.2	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		4.9				4.9	4.5				4.5	930
	03-05	.1	5.4				5.4	6.0				6.0	930
	06-08		4.6				4.6	9.8				9.8	930
	09-11	.2	5.1				5.1	3.2	.3			3.5	930
	12-14	.4	6.0				6.0	.1				.1	930
	15-17	1.0	5.2				5.2	.5				.5	930
	18-20	.3	5.2				5.2	1.5				1.5	928
	21-23		5.2				5.2	2.4				2.4	926
TOTALS		.3	5.2				5.2	3.5	.0			3.5	7434

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12863 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-72 (YEARS) ALL (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	.2	3.7				3.7	5.0	.2			5.2	7437
FEB		.5	4.5				4.5	4.0	.4			4.3	6766
MAR		.9	3.5				3.5	2.7	.5			3.2	7427
APR		.6	1.8				1.8	1.4	.5			1.8	7196
MAY		3.4	3.7				3.7	.6	1.3			1.7	7433
JUN		5.1	4.9				4.9	.7	.5			1.2	7200
JUL		6.8	4.0				4.0	.3	.2			.5	7440
AUG		5.2	3.5				3.5	.4	.8			1.2	7438
SEP		3.9	5.2				5.2	.4	.3			.7	7199
OCT		1.3	4.8				4.8	1.0	.1			1.0	7439
NOV		.4	4.1				4.1	2.6	.7			3.2	7199
DEC		.3	5.2				5.2	3.5	.0			3.5	7434
TOTALS		2.4	4.1				4.1	1.9	.5			2.3	87608

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

12863 KSC SHUTTLE APT FL 7-72 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY 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	DAILY	2.3	34.0		.1		34.2	27.3	2.1			27.9	682
FEB		5.8	34.1				34.1	25.4	3.7		.2	27.7	621
MAR		9.7	33.9				33.9	21.7	3.8			23.3	682
APR		9.4	23.2				23.2	14.5	3.9		.2	15.6	660
MAY		25.4	35.3			.4	35.3	8.7	5.6			11.3	682
JUN		43.9	49.5				49.5	7.7	2.9			9.4	660
JUL		52.9	48.1				48.1	5.0	1.2			5.9	682
AUG		46.6	45.7				45.7	7.2	2.2			8.7	682
SEP		32.7	57.3				57.3	5.0	1.7			6.1	660
OCT		12.3	46.6				46.6	8.8	1.3			9.5	682
NOV		3.3	34.1				34.1	20.2	2.7			21.1	660
DEC		3.2	36.5				36.5	24.0	1.9			24.5	682
TOTALS		20.7	39.9		.0	.0	39.9	14.6	2.7		.0	15.9	8035

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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

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

Continued on Reverse Side

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

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

2 [illegible]
[illegible]
[illegible]

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

[illegible] STATION | KSEA SEATTLE APT FL STATION NAME | 7-7[illegible] YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	69.9	10.6	2.2	6.2	3.1	5.7	3.2	3.4	1.9	.3				23.9	682	2.62	8.24	.03
FEB	62.7	9.5	3.2	5.9	1.9	3.5	4.7	4.3	2.3	.2				25.3	621	2.84	5.40	.35
MAR	65.2	8.2	2.1	5.7	4.1	5.9	4.9	3.8	1.9	.3	.1			25.5	682	2.95	11.27	.42
APR	77.3	7.7	1.7	4.4	1.8	2.4	2.1	2.3	.3					15.9	660	1.10	4.27	.04
MAY	64.4	10.7	1.8	4.3	4.1	4.4	4.8	4.3	1.7	.3				24.9	682	2.87	7.10	TRACE
JUN	56.0	10.2	2.3	7.0	4.2	7.7	7.7	5.1	3.3	1.5				30.8	660	5.84	19.01	.37
JUL	51.9	10.4	2.9	6.2	3.2	8.1	4.8	7.3	4.1	.4				37.7	682	5.50	12.79	1.70
AUG	54.0	10.7	2.3	4.7	3.1	5.7	5.7	5.1	3.3	.3	.1			35.3	682	5.22	12.05	1.14
SEP	42.7	12.6	2.4	8.5	4.5	8.8	7.6	4.5	4.4	1.4	.2			44.7	660	6.36	20.98	1.64
OCT	52.3	12.8	2.9	7.3	3.7	5.3	6.9	4.5	3.1	.3	.1			34.9	682	4.32	14.37	.99
NOV	65.9	10.3	2.7	6.2	2.6	3.9	2.9	2.3	2.3	.8	.2			23.8	660	3.15	8.64	TRACE
DEC	69.5	11.9	2.5	6.3	2.3	4.5	3.8	4.0	1.2					24.6	682	2.07	4.06	.28
ANNUAL	59.9	10.4	2.3	6.0	3.4	5.5	4.6	4.5	2.7	.5	.1			29.7	8035	44.84		

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 57-79 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57						1.22	2.11	1.75	1.67	.62	.53	1.12	
58	1.51	1.13	1.00	1.15	.70	.68	1.47	.60	1.01	1.68	1.39	1.39	1.6
59	1.43	1.84	1.48	1.68	.89	1.72	2.33	2.07	1.45	1.85	1.65	.82	2.3
60	.58	.94	5.62	.71	1.42	1.25	1.57	1.41	3.16	1.76	.61	.54	5.6
61	2.98	.86	.62	.44	.78	2.31	2.03	2.36	1.89	1.05	1.32	.26	2.9
62	.31	1.10	1.25	.80	.04	2.66	2.33	1.80	2.84	1.35	1.72	.21	2.8
63	.92	2.09	.52	.21	.71	.95	3.57	1.45	6.86	.22	5.89	.78	6.8
64	1.27	.99	1.78	.71	1.27	.70	2.24	5.81	4.08	1.90	3.42	.69	5.8
65	1.98	1.50	1.60	.13	.03	1.78	.89	1.17	.82	1.81	1.47	.79	1.9
66	1.38	3.17	1.86	1.26	1.53	4.06	.72	2.68	1.24	1.12	.49	.51	4.0
67	.72	1.72	.25	.07	TRACE	1.28	2.52	.95	1.79	.90	TRACE	1.80	2.5
68	.23	1.60	1.75	.67	1.12	4.34	1.37	1.82	1.22	5.20	.73	.31	5.2
69	1.60	.87	1.40	.06	2.65	.49	1.35	1.30	1.65	1.83	.92	1.60	2.6
70	2.40	.74	1.05	.60	1.38	.99	1.44	1.10	.57	.98	.12	.30	2.4
71	.04	2.42	.80	1.23	3.02	.58	.79	1.77	2.25	1.06	1.59	1.17	3.0
72	.60	1.51	2.82	.38	1.33	3.21	1.05	1.25	.60	2.01	4.00	.65	4.0
73	1.29	.78	1.00	.68	.75	1.68	1.12	1.01	2.51	1.93	.77	.93	2.5
74	.03	.15	.79	.53	.71	1.32	2.89	3.95	1.18	1.64	.45	.94	3.9
75	.26	.45	.55	.50	1.23	2.60	.51	1.49	2.61	1.70	.26	.08	2.6
76	.45	.45	.50	.49	1.80	.70	.66	1.89	2.93	1.31	2.66	.35	2.9
77	.55	.75	.15	.51	.56	.17	1.03	2.15	1.41	2.43	4.93	.80	4.9
78	1.28	1.97	1.42	.03	1.45	3.09	2.48	.29	1.02	2.16	.43	1.67	3.0
79	4.55	.58	.95	.43	1.49								
MEAN	1.198	1.255	1.325	.603	1.130	1.717	1.658	1.821	2.035	1.660	1.607	.805	3.52
S.D.	1.073	.732	1.143	.424	.750	1.171	.817	1.172	1.409	.955	1.609	.491	1.41
TOTAL OBS.	682	621	682	660	682	660	682	682	660	682	660	682	803

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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EXTREME VALUES
MONTHLY PRECIPITATION
FROM DAILY OBSERVATIONS

12808 KSC SHUTTLE APT FL 57-79
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57						3.94	7.27	7.29	4.47	2.35	1.09	2.76	
58	5.57	2.23	4.45	2.15	1.42	2.95	3.97	1.63	2.05	4.35	3.65	3.42	37.84
59	2.60	4.75	6.89	4.27	1.62	4.71	5.70	8.01	5.35	5.34	3.81	2.05	55.10
60	.69	4.57	11.27	.89	1.81	7.11	6.27	4.77	13.82	5.26	1.04	1.39	58.89
61	3.79	1.05	2.02	.75	2.50	4.45	4.86	6.61	4.67	3.29	2.61	.37	36.97
62	.84	1.40	3.24	1.39	.04	8.76	7.70	10.46	10.38	2.79	4.32	.61	51.93
63	3.12	5.03	2.12	.50	1.68	2.87	12.30	3.38	20.98	.99	8.26	2.63	63.86
64	4.52	4.07	2.17	.82	1.71	.95	6.89	12.05	7.30	3.80	6.19	1.05	51.52
65	3.08	3.73	5.27	.19	.03	6.36	2.41	1.42	3.12	6.05	2.34	1.77	37.77
66	5.18	5.40	3.28	1.53	7.10	10.03	3.09	7.06	6.74	2.24	1.42	1.43	54.50
67	1.70	3.99	.46	.10	TRACE	4.86	8.54	3.75	4.70	2.12	TRACE	3.60	33.82
68	.30	2.74	2.51	1.78	4.74	19.01	3.43	3.90	4.49	14.37	1.92	.40	59.59
69	2.33	1.27	3.34	.11	5.41	1.81	4.24	4.70	8.71	5.88	3.23	3.10	44.13
70	5.55	1.79	3.11	1.01	2.15	4.00	5.03	4.02	2.46	3.62	.26	.72	33.72
71	.10	4.97	1.40	1.77	4.55	1.56	4.87	3.53	5.05	7.54	4.45	2.79	42.58
72	1.71	3.70	3.62	.91	3.94	9.41	3.22	5.44	1.64	2.80	8.39	2.62	47.40
73	5.24	1.70	2.57	1.92	1.82	4.79	3.22	5.03	8.41	3.85	1.12	2.54	42.21
74	.03	.35	.94	.95	2.02	7.45	7.82	8.10	5.00	4.31	.77	2.52	40.26
75	.55	.63	.95	.64	3.88	7.47	2.06	3.05	3.74	4.91	.91	.28	29.07
76	.69	.49	.76	.69	6.30	4.79	1.76	5.14	8.70	2.05	4.34	1.99	37.70
77	.93	1.95	.42	1.10	2.26	.37	3.57	4.42	4.92	2.61	8.64	4.06	35.25
78	2.08	5.37	2.69	.04	3.05	8.85	12.79	1.14	3.30	4.41	.64	3.48	47.84
79	6.94	1.26	1.35	.74	5.01								
MEAN	2.615	2.838	2.947	1.102	2.865	5.841	5.500	5.223	6.364	4.315	3.155	2.072	44.855
S.D.	2.105	1.742	2.451	.929	1.999	4.103	3.001	2.771	4.386	2.743	2.687	1.156	9.790
TOTAL OBS.	682	621	682	660	682	660	682	682	660	682	660	682	8035

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

12802 — STATION
KSC SHUTTLE APT FL — STATION NAME
7-7? — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.?	.1													682	TRACE	TRACE	.0
FEB	100.0														621	.0	.0	.0
MAR	100.0														682	.0	.0	.0
APR	100.0														660	.0	.0	.0
MAY	100.0														682	.0	.0	.0
JUN	100.0														660	.0	.0	.0
JUL	100.0														682	.0	.0	.0
AUG	100.0														682	.0	.0	.0
SEP	100.0														660	.0	.0	.0
OCT	100.0														682	.0	.0	.0
NOV	100.0														660	.0	.0	.0
DEC	100.0														682	.0	.0	.0
ANNUAL	100.0	.0													8035	.0		

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

12808 STATION KSC SHUTTLE APT FL STATION NAME 57-79 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57						.0	.0	.0	.0	.0	.0	.0	
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0								
MEAN	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	682	621	682	660	682	660	682	682	660	682	660	682	8035

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

12868 STATION — KSC SHUTTLE APT FL STATION NAME — 57-79 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC.	ALL MONTHS
57						.0	.0	.0	.0	.0	.0	.0	
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0								
MEAN	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	TRACE
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	682	621	682	660	682	660	682	682	660	682	660	682	8035

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AIR 64 0-88-0 (OLA)

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

128[illegible] KSC SEATTLE APT FL 47-7[illegible]
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														682			
FEB	100.0														621			
MAR	100.0														682			
APR	100.0														660			
MAY	100.0														682			
JUN	100.0														660			
JUL	100.0														682			
AUG	100.0														682			
SEP	100.0														660			
OCT	100.0														682			
NOV	100.0														660			
DEC	100.0														682			
ANNUAL	100.0														8035			

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 57-79 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV	DEC.	ALL MONTHS
57						0	0	0	0	0	0	0	
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0								
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	682	621	682	660	682	660	682	682	660	682	660	682	8035

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AIR 64 0-80-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

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

74-03003

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

12868 STATION — KSC SHUTTLE APT FL STATION NAME — 59-00, 62-79 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
59					N '	37WNW	43W	34S	34ENE	32N	31WNW	29WNW	30		
60	W	46WSW	43W	34N	29ENE	24NE	26SW	36NW	26SSE	68SSE	25NNW	25NNW	32	SSE	68
62	N	34N	33WNW	39N	32NE	25N	37N	32W	38N	38W	35NNW	33WNW	37	WNW	39
63	W	34SW	41NW	33W	27N	30WNW	34NW	41E	40NE	43NNW	31W	37ESE	36	NE	43
64	W	32WSW	42NW	33SSW	53N	37SSW	24W	34E	60WSW	56SSW	38NNW	32NE	*29	E	60
65	WNW	33W	42N	46N	29N	23S	42NW	42NW	30NE	48NE	36E	29N	34	NE	48
66	WNW	36SW	*39WSW	32W	44NW	32SE	48SSE	45SW	38S	30N	26W	32NW	27	SE	48
67	SSW	33N	42NNE	36ESE	31SSE	34S	36W	33WSW	36NNE	36N	25NNW	30NW	35	N	42
68	NNW	29SSW	37NW	32N	28SW	33N	4027/	2816/	4134/	2717/	3719/	4629/	33	19/	46
69	34/	2924/	6021/	3611/	24 4/	3219/	3126/	2719/	3030/	3215/	3532/	4031/	40	24/	60
70	29/	3019/	3918/	4821/	3415/	3130/	4311/	4224/	3213/	2511/	3132/	3032/	30	18/	48
71	31/	2725/	4822/	4024/	3315/	3629/	3230/	3116/	2827/	34 9/	2427/	26 6/	40	25/	48
72	30/	3628/	4034/	34 6/	3336/	3511/	4610/	2733/	25 8/	29 5/	2924/	3635/	39	11/	46
73	27/	3521/	3329/	3721/	3317/	3330/	2513/	2618/	34 9/	2435/	3319/	2721/	41	21/	41
74	36/	2319/	3724/	3415/	2927/	4616/	5023/	3031/	43 5/	30 3/	3336/	2527/	31	16/	50
75	23/	3029/	3021/	3331/	3321/	30 7/	3423/	33 1/	3415/	2930/	31 6/	2513/	28	7/	34
76	28/	3427/	3926/	35 3/	3722/	4630/	3633/	2822/	3011/	26 2/	3236/	32 6/	27	22/	46
77	31/	3635/	2615/	2523/	3420/	3430/	3429/	3411/	3310/	3136/	2932/	2924/	26	31/	36
78	29/	4136/	3327/	3530/	3519/	4030/	4222/	4428/	26 2/	29 5/	2831/	2722/	38	22/	44
79	26/	4534/	3426/	3611/	30 3/	31									
MEAN	33.6	38.7	36.0	33.5	33.4	37.0	34.1	34.6	35.1	31.0	31.1	33.6		46.2	
S.D.	5.651	7.334	5.073	6.581	5.937	7.550	6.087	8.057	11.382	4.177	5.542	4.949		8.384	
TOTAL OBS.	620	561	618	600	647	569	585	588	568	587	567	584		6943	

NOTES * (BASED ON LESS THAN FULL MONTHS)
$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM JUL 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 74-79 (YEARS) JAN (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	1.1	1.7	1.6	1.3	.1							5.8	7.3
NNE	.3	.4	.3	.2								1.3	6.4
NE	.4	.4	.4	.3								1.6	6.1
ENE	.4	.5	.6	.3								1.9	6.8
E	.9	1.6	1.2	.4								4.1	6.2
ESE	1.4	1.7	1.3	.2								4.6	5.3
SE	2.7	1.1	1.2									5.0	4.3
SSE	1.0	1.7	1.5									4.2	5.4
S	3.3	3.9	2.6	.9	.3	.2						11.4	6.3
SSW	1.8	2.0	1.7	.4								6.0	5.5
SW	1.4	1.3	.9	.1								4.1	4.6
WSW	.8	1.4	.8	.2								2.7	5.2
W	1.8	1.8	1.4	1.2	.1							6.4	6.7
WNW	3.0	2.7	1.6	1.4	.2							8.9	6.1
NW	2.8	5.1	3.0	1.9	.3							13.1	6.7
NNW	2.7	3.1	2.4	2.7								10.9	7.0
VARBL													
CALM												8.0	
	26.3	30.6	22.3	11.0	1.1	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIO... THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) JAN (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	1.6	.8								5.1	7.0
NNE	.4	.5	.2									1.2	4.8
NE	.4	.5	1.1	.4								2.4	7.7
ENE	.4	.5	.4	.2								1.6	6.6
E	1.0	1.2	.6	.2								3.0	5.0
ESE	1.4	.4	1.1	.2								3.1	5.6
SE	1.6	1.2	.8	.2								3.8	6.8
SSE	.8	1.7	1.3	.3								4.3	6.2
S	1.3	2.2	2.2	1.1	.2	.1						7.2	7.3
SSW	1.9	3.1	.9	.8								6.7	5.4
SW	2.3	1.3	1.2	.2								5.0	4.7
WSW	.9	.6	.6	.1								2.3	5.6
W	3.1	1.4	.8	1.2	.2							6.8	6.0
WNW	2.4	2.4	1.2	1.3								7.2	6.2
NW	2.9	6.5	4.1	2.6	.2							16.3	6.6
NNW	2.9	4.4	4.3	2.9								14.5	7.0
VARBL													
CALM												9.7	
	25.3	29.0	22.7	12.6	.6	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

128.5 STATION — KSC SHUTTLE APT FL STATION NAME — 73-79 YEARS — JA. MONTH

ALL WEATHER CLASS — 0803-0800 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	1.6	1.2	.9	1.1								4.7	6.6
NNE	.1	.3	.5									1.0	7.2
NE	.5	.3	.5	.2								1.6	5.9
ENE	.4	.5	1.2	.3								2.5	6.2
E	1.0	1.1	1.1	.3								3.4	5.9
ESE	1.5	.1	.4									2.0	3.6
SE	1.1	1.0	1.0	.3								3.3	5.4
SSE	1.1	1.4	1.5	.9								4.8	6.7
S	1.6	2.3	2.7	1.2								7.7	6.9
SSW	1.2	2.5	1.3	.6								5.6	6.1
SW	1.4	2.0	1.1	.2								4.7	5.3
WSW	1.2	.6	.3	.6								2.8	5.8
W	3.9	1.8	.8	.6	.1							7.3	4.9
WNW	3.0	2.4	1.6	1.0	.2							8.2	5.8
NW	2.6	5.7	3.9	3.3	.1	.1						15.7	7.2
NNW	4.0	5.2	3.5	2.3								14.9	6.3
VARBL													
CALM												9.6	
	26.1	28.4	22.3	13.1	.4	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12865 STATION — KSC SHUTTLE APT FL STATION NAME — 75-79 YEARS — JAN MONTH

ALL OF THE CLASS — 0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	2.7	1.0	.3							7.3	8.1
NNE	.5	.5	.8	.6								2.4	7.8
NE	.3	.4	.6	.3								1.7	7.1
ENE	.2	.3	1.0	.1								2.5	7.7
E	.5	1.4	3.2	.3								5.9	7.6
ESE	.3	1.1	.6	.1								2.2	6.2
SE	.4	.9	1.2	.1								2.6	6.7
SSE	1.0	.4	3.0	2.2								6.6	8.7
S	.4	1.2	4.6	4.5	.1							11.2	9.5
SSW	.6	1.2	2.0	1.4	.1							5.4	8.3
SW	.3	1.5	2.0	1.2								5.1	8.0
WSW	.3	1.1	1.6	.5	.3							3.9	8.4
W	1.1	2.3	1.2	1.0								5.5	6.3
WNW	.8	2.0	2.0	1.9	.3							7.1	8.5
NW	1.0	2.6	4.7	3.3	.4							12.7	8.5
NNW	1.0	4.1	4.5	4.7	.1							14.4	8.4
VARBL													
CALM												3.8	
	10.6	22.7	36.8	24.4	1.7							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12865 STATION — K.C SHUTTLE APT FI STATION NAME — 70-79 YEARS — JA MONTH

ALL WEATHER CLASS — 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.5	3.1	5.6	.8							12.4	10.4
NNE	.5	1.1	1.5	.6	.1							3.9	6.5
NE	.3	1.3	1.5	.4								4.0	7.8
ENE	.3	1.5	1.7	.3								3.9	6.7
E	.3	1.5	3.0	1.2								6.0	7.6
ESE	.3	1.2	2.7	.2								4.4	7.3
SE	.1	1.1	2.5	.9								4.5	8.4
SSE	.2	.6	5.4	3.5	.2							9.8	10.0
S		2.2	4.2	4.7								11.1	9.7
SSW	.2	1.2	1.6	1.6	.1							4.9	9.2
SW	.1	.8	1.1	1.6								3.5	9.7
WSW	.4	.5	1.2	.4	.1	.1						3.2	8.8
W	.4	.8	2.6	1.3	.4	.4						5.9	10.4
WNW	.2	.5	2.0	1.6	.5							5.2	10.6
NW	.1	1.1	3.6	1.8	.2							6.2	9.4
NNW	.2	1.1	2.9	5.4	.1							9.9	10.6
VARBL													
CALM												1.2	
	4.1	18.8	40.2	32.6	2.6	.5						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AUG 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 7-79 (YEARS) JA (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	.6	2.9	5.6	5.5	.4							15.1	9.5
NNE	.8	1.9	1.6	.4								4.7	6.2
NE	.5	2.0	1.4	.2								4.7	5.9
ENE	.3	3.1	1.6	.2								5.3	6.2
E	1.2	3.7	1.9	.3								7.6	6.2
ESE	.4	3.5	1.8	.4								6.2	6.3
SE	1.0	3.0	5.1	1.0								10.0	7.4
SSE	.4	1.8	4.6	3.5	.1							10.5	9.2
S	.0	1.2	1.5	1.2								4.5	7.7
SSW	.1	.6	.0	1.0								2.4	9.1
SW		.6	1.0	1.2								2.8	9.6
WSW	.2	.5	.4	.6	.1							2.4	8.8
W	.2	1.0	1.8	2.4	.2	.1	.2					5.9	11.2
WNW	.0	.4	2.2	1.8	.3							5.4	9.8
NW	.2	.9	2.2	1.6	.1							4.9	9.2
NNW	.3	.6	2.2	2.9	.4							6.5	10.3
VARBL													
CALM												1.1	
	7.6	28.5	35.9	24.8	1.7	.1	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12802 STATION — KSC SHUTTLE APT FL STATION NAME — 7-77 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	3.9	2.4	4.2	1.2	.1							11.4	6.2
NNE	1.3	1.2	.2	.2	.1							3.0	5.2
NE	.9	1.2	.1									2.2	4.0
ENE	2.2	2.4	1.1	.2								5.8	4.9
E	2.5	2.6	1.2	.5								6.8	5.1
ESE	2.1	2.4	.4									5.6	3.8
SE	2.2	3.7	1.9									7.8	4.8
SSE	1.8	3.7	4.1	1.3								10.9	6.8
S	1.1	2.5	1.2	.4								5.2	5.5
SSW	.6	.8	1.3	.3								3.0	7.0
SW	.5	1.0	.8	.2	.1							2.6	6.5
WSW	.4	.6	.1									1.2	4.2
W	1.4	2.5	1.2	1.2	.2	.2						6.7	7.3
WNW	.6	1.5	1.8	1.8	.2							6.0	8.6
NW	.9	1.3	1.1	.6								3.9	6.9
NNW	2.0	3.1	3.6	1.2	.1							10.2	6.9
VARBL													
CALM												7.9	
	24.8	32.6	24.4	9.3	.9	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 929

C42

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 STATION — KSC SHUTTLE APT FL STATION NAME — 76-79 YEARS — JA. MONTH

ALL WEATHER CLASS — 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.3	1.9	1.0	.2							7.4	6.5
NNE	1.1	.5	.4	.5								2.6	6.2
NE	.9	.5	.2	.2								1.8	5.4
ENE	1.0	1.1	1.2	.1								3.3	5.4
E	1.6	2.0	1.5	.3								5.5	5.7
ESE	2.3	1.8	1.3	.3								6.1	5.2
SE	2.0	1.9	.6									4.6	4.2
SSE	1.5	2.9	2.9	1.0								8.3	6.5
S	2.2	4.3	2.5	1.0	.1	.2						10.2	6.5
SSW	1.4	1.3	.8	.1	.1							3.7	5.2
SW	.8	.9	.3	.2								2.2	5.6
WSW	.5	1.2	.4	.1								2.3	5.4
W	1.2	2.2	1.2	1.2	.1		.1					5.9	7.2
WNW	1.1	1.9	2.6	1.7								7.3	7.6
NW	2.5	2.2	2.7	1.4	.2							8.9	7.1
NNW	2.8	3.9	2.0	1.6	.1							10.4	6.4
VARBL													
CALM												9.5	
	24.9	30.8	22.6	11.0	.9	.2	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12856 (STATION) KSC SHUTTLE APT FL (STATION NAME) 7?-79 (YEARS) JA (MONTH)

ALL AFC THR (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	1.5	1.9	2.7	2.3	.2							8.6	8.1
NNE	.6	.8	.8	.3	.0							2.5	6.4
NE	.5	.9	.7	.3								2.5	6.4
ENE	.7	1.3	1.2	.2								3.3	6.2
E	1.1	1.9	1.7	.6								5.3	6.2
ESE	1.3	1.5	1.2	.2								4.3	5.5
SE	1.4	1.7	1.4	.4								5.2	5.9
SSE	1.0	1.8	3.0	1.6	.0							7.4	7.8
S	1.4	2.4	2.7	1.9	.1	.1						8.6	7.6
SSW	1.0	1.6	1.3	.8	.0							4.7	6.8
SW	.9	1.2	1.0	.6	.0							3.7	6.6
WSW	.6	.8	.7	.4	.1	.0						2.6	6.9
W	1.6	1.7	1.4	1.3	.2	.1	.0					6.3	7.4
WNW	1.5	1.7	1.9	1.6	.2							6.9	7.6
NW	1.7	2.1	2.1	2.1	.2	.0						10.2	7.5
NNW	2.0	2.2	2.2	2.0	.1							11.5	7.7
VARBL													
CALM												6.3	
	18.7	27.7	28.4	17.4	1.2	.2	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7437

043

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12865 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) FEB (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	1.0	2.7	1.0	.0								6.9	5.2
NNE	1.5	.7	.1	.1								2.5	3.5
NE	.2	.5	.5	.1								1.3	5.7
ENE	.4	.6	.5									1.4	5.0
E	1.4	1.1	.9	.4								3.8	5.3
ESE	1.2	1.1	1.2	.1								3.5	5.1
SE	1.4	1.1	.8	.2	.1							3.7	5.7
SSE	.9	1.8	2.1	.6	.5							5.6	7.3
S	2.1	4.3	3.2	.5	.1							10.6	6.4
SSW	2.2	1.4	.9	.6								5.2	5.2
SW	.9	2.5	.7	.4								4.5	5.4
WSW	1.4	2.0	.8	.4								4.6	5.2
W	2.6	4.8	2.1	.9	.1							10.6	6.0
WNW	1.2	4.3	2.2	1.9		.1						9.7	7.3
NW	1.5	3.9	4.3	2.1	.1							11.9	7.5
NNW	1.5	3.1	1.9	1.4								7.9	6.8
VARBL													
CALM												6.3	
	22.5	35.7	26.1	10.4	.9	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 866

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~1286~~ STATION — ~~KSC SHUTTLE APT FL~~ STATION NAME — ~~70-79~~ YEARS — ~~FEB~~ MONTH

ALL ~~AC~~ THEN 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	2.4	1.8	1.9	.6								6.5	5.7
NNE	.7	.4	.1									1.2	3.1
NE	.1	.7	.2									1.1	5.2
ENE	.5	.5	.5	.1								1.5	5.6
E	1.5	2.1	.7	.2								4.6	4.8
ESE	.6	.7	1.1									2.6	5.3
SE	1.1	.8	.4	.1								2.4	4.7
SSE	.7	.6	1.2	.7	.1							3.4	8.3
S	1.7	2.4	3.7	.9	.1							8.8	6.8
SSW	1.8	2.3	.7	.2								5.0	4.6
SW	1.2	1.9	.8	.4								4.3	5.2
WSW	1.9	1.8	.4	.1	.1							4.3	4.7
W	2.7	4.1	1.5	.4								8.8	5.1
WNW	3.8	4.0	1.7	1.8	.2							11.5	6.1
NW	2.4	6.6	4.7	2.3								16.0	6.8
NNW	1.9	5.6	3.3	1.3								12.1	6.5
VARBL													
CALM												6.0	
	25.0	36.3	23.0	9.1	.6							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS — 844

044

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 STATION — KSC SHUTTLE APT FL STATION NAME — 76-79 YEARS — FEB 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	2.8	3.0	1.5	1.1	.2							8.6	5.4
NNE	.4	.7	.1	.1								1.3	5.0
NE	.5	.6										1.1	4.2
ENE	.6	.7	.9	.2								2.1	5.7
E	1.6	1.2	.6	.1								3.7	4.4
ESE	.6	1.1	.7	.2								2.6	5.9
SE	.8	.7	1.1	.1								2.7	5.7
SSE	.7	.6	.9									2.2	5.5
S	.9	1.9	3.3	2.2								8.4	8.3
SSW	1.5	1.3	1.4	.1								4.4	5.2
SW	1.5	1.7	1.1	.1								4.4	4.8
WSW	1.3	.9	.4									2.6	4.0
W	3.1	2.6	1.2	.8	.4							8.0	6.2
WNW	2.7	3.5	2.1	1.7	.1							10.2	6.4
NW	2.4	7.1	4.7	3.3								17.5	6.9
NNW	3.4	4.6	3.2	2.0	.1							13.1	6.4
VARBL													
CALM												7.1	
	24.8	32.2	22.9	12.2	.8							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12894 STATION — KSC SHUTTLE ART FL STATION NAME — 7-79 YEARS — FEB MONTH

ALL WX THEN CLASS — 0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	4.0	5.1	.5							12.3	10.0
NNE	.7	1.2	.8	.4	.1							3.2	6.7
NE	.1	1.1	.5	.1								1.8	6.1
ENE	1.4	.5	1.2	.1								3.1	5.6
E	.6	1.2	1.8	.9								4.0	7.4
ESE	.7	.6	1.1	.6								3.0	7.2
SE	.1	.5	1.7	1.1								3.3	9.0
SSE		.5	1.5	1.1								3.1	9.5
S	.3	1.7	3.7	4.7		.1						10.6	9.8
SSW	.4	1.1	1.8	1.3	.2							4.7	9.2
SW		1.1	1.8	1.1		.1						4.0	9.1
WSW	.2	1.8	1.2	.6								3.8	7.3
W	.6	2.0	.9	.9	.6	.1						5.3	8.0
WNW	.7	1.8	2.0	3.4	.2							8.2	9.2
NW	.5	1.3	4.4	3.8								11.9	8.6
NNW	1.2	4.0	5.3	4.0	.6							14.1	9.0
VARBL													
CALM												3.7	
	9.0	22.6	33.1	29.1	2.3	.4						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 846

045

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12864 KSC SHUTTLE APT FL 76-79 FEB

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	2.0	6.4	6.9	1.7							17.6	10.6
NNE	.1	.8	3.8	.9	.1							5.8	8.8
NE	.5	2.5	1.8									4.7	6.1
ENE	.1	2.2	1.5									3.9	5.9
E	.6	.6	3.3	.6								5.1	7.7
ESE	.1	.5	2.4	.8								3.8	8.7
SE	.1	.2	2.4	1.7	.1							4.5	10.0
SSE	.2	1.3	3.4	3.9	.6							9.5	10.6
S	.2	.9	2.2	3.9	.5							7.8	10.9
SSW	.1	.4	1.2	1.1	.6							3.3	11.5
SW	.2	.8	1.2	1.9								4.1	9.4
WSW	.1	1.4	1.7	1.1	.2							4.5	8.9
W	.4	1.3	1.5	2.4	.4	.2						6.1	10.3
WNW	.4	.8	2.6	1.8	.4	.1						5.6	9.4
NW	.5	.6	1.5	1.3	.2							4.1	9.4
NNW	.4	.9	2.1	4.5	1.1							9.0	11.5
VARBL													
CALM												.6	
	4.7	17.6	39.0	32.2	5.8	.4						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12862 (STATION) KSC SHUTTLE APT FL (STATION NAME) 76-79 (YEARS) FEB (MONTH)

ALL WC THRS (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	.3	2.6	6.1	7.2	.9							17.7	10.2
NNE	.3	3.2	3.5	1.1	.1							8.4	7.3
NE	1.2	2.0	1.3									4.5	5.3
ENE	.4	2.4	1.7	.1								4.5	6.0
E	.1	3.4	2.7	.2								7.1	6.2
ESE		2.7	3.0	.5								6.1	7.4
SE	.4	.9	5.0	1.4								7.7	8.3
SSE	.5	1.5	3.2	4.1	.2							9.6	9.8
S	.2	.7	1.4	1.5	.1	.1						4.1	10.2
SSW	.1	.2	.6	.9	.1							2.0	10.3
SW		.6	2.5	1.3	.2							4.6	9.7
WSW	.2	.5	.3	.9	.4							2.8	10.0
W	.2	1.2	1.9	3.3	.2	.1						7.0	10.9
WNW	.1	.9	1.3	1.1	.5							3.9	10.2
NW	.2	.5	.8	.9								2.5	8.9
NNW	.1	.9	1.8	3.5	.5							6.9	11.2
VARBL													
CALM												.6	
	5.7	24.3	37.6	28.3	3.2	.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 846

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12805 (STATION) KSC SHUTTLE APT FL (STATION NAME) 7-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1800-0000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	3.4	4.0	2.4								14.9	5.1
NNE	2.1	1.8	.8	.1								4.8	4.1
NE	1.2	1.7	.2									3.1	3.7
ENE	2.0	.9	.6									3.5	4.2
E	2.0	2.2	.8									5.1	4.5
ESE	3.2	2.0	.9	.1								6.3	4.2
SE	1.9	2.8	2.5	.7								7.9	5.2
SSE	1.7	3.7	3.9	2.8								12.1	7.5
S	.9	2.5	1.1	.6								5.1	6.0
SSW	.7	.7	.4	.4								2.1	5.9
SW	.2	.4	.7	.2								1.5	7.3
WSW	.2	.6	1.5	.9	.1							3.4	9.4
W	1.2	1.5	2.1	1.9	.4							7.1	6.4
WNW	.1	1.4	1.1	1.1	.1	.1						3.9	9.2
NW	.7	1.1	1.3	.6								3.7	6.6
NNW	.7	3.0	3.3	1.9	.2							9.1	8.2
VARBL													
CALM												6.4	
	23.0	30.0	25.9	13.7	.8	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12842 (STATION) KSC SHUTTLE APT FL (STATION NAME) 7,=/9 (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	2.4	3.0	2.2	1.4								9.3	5.9
NNE	1.3	1.4	.5	.1								3.3	5.1
NE	.6	.6	.6									2.0	5.1
ENE	.4	.1	.1	.1								1.3	4.1
E	1.5	.8	1.1	.2								3.7	5.3
ESE	1.3	1.1	1.4	.1								3.9	5.2
SE	1.3	2.2	1.2	.5	.2							5.4	6.4
SSE	2.0	3.2	2.8	1.2								9.2	6.3
S	2.4	3.1	3.3	1.3								10.0	6.6
SSW	1.4	.8	.7	.1								3.1	4.7
SW	1.2	1.2	1.1									3.4	5.2
WSW	.3	1.5	1.2	.4								3.9	6.1
W	1.8	3.1	3.4	2.4	.4							11.0	7.8
WNW	1.1	2.2	1.6	1.4								6.5	7.3
NW	1.2	2.7	2.0	1.1								7.0	6.4
NNW	2.6	3.0	1.7	1.3								8.7	6.2
VARBL													
CALM												8.2	
	24.7	30.8	24.8	11.1	.6							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 STATION — KSC SHUTTLE APT FL STATION NAME — 76-79 YEARS — FEB 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	2.1	.5	3.0	3.1	.4							11.7	8.3
NNE	.9	1.3	1.2	.4	.0							3.8	6.2
NE	.0	1.2	.0	.1								2.4	5.3
ENE	.0	1.0	.0	.1								2.7	5.4
E	1.3	1.6	1.4	.3								4.6	5.8
ESE	1.0	1.2	1.4	.3								4.0	6.1
SE	.9	1.2	1.9	.7	.1							4.7	7.2
SSE	.8	1.0	2.4	1.6	.2							6.8	6.4
S	1.1	2.2	2.7	2.0	.1	.0						8.2	6.0
SSW	1.0	1.0	1.0	.6	.1							3.7	6.8
SW	.7	1.3	1.2	.7	.0	.0						3.9	7.0
WSW	.8	1.3	1.0	.5	.1							3.7	6.9
W	1.6	2.0	1.8	1.6	.3	.1						8.0	7.0
WNW	1.3	2.4	1.8	1.7	.2	.0						7.4	7.7
NW	1.2	3.2	3.0	1.4	.0							9.3	7.4
NNW	1.4	3.0	2.8	2.5	.3							10.1	8.1
VARBL													
CALM												4.8	
	17.4	28.6	28.8	18.4	1.9	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 6766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

128 STATION — KSC SHUTTLE APT FL STATION NAME — 7-79 YEARS — MAR 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	.9	1.8	1.9	.3								5.2	6.7
NNE	1.0	.5	.2	.4								2.2	5.7
NE	.4	.8	.1									1.2	4.6
ENE	1.2	.9	.9									2.9	4.7
E	1.4	2.0	1.4	.3								5.4	5.9
ESE	1.7	3.8	1.5									7.0	5.0
SE	2.4	4.9	3.0	.4								10.8	5.7
SSE	2.2	3.7	2.5	.7								9.1	5.9
S	2.0	4.2	3.7	1.1	.1	.1						11.7	6.6
SSW	1.9	2.0	1.7	.4								6.1	5.7
SW	1.5	2.0	.8	.4		.1						4.8	5.9
WSW	1.9	1.3	.9	.4								4.5	5.0
W	1.5	3.0	3.3	1.2	.1							9.1	6.8
WNW	.6	1.4	1.8	.3	.1							4.3	6.9
NW	1.2	2.2	1.1	.6								5.1	6.1
NNW	1.3	1.5	.9	.3								4.0	5.7
VARBL													
CALM												6.7	
	23.7	35.9	25.6	7.0	.3	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 76-79 (YEARS) MAR (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	1.2	1.0	1.1	.1							5.3	7.0
NNE	1.2	.5	.6									2.4	4.6
NE	.3	.3										.6	3.5
ENE	.6	1.0	.9									2.5	5.3
E	1.4	2.4	1.3	.4								5.5	5.7
ESE	1.8	3.7	.8	.4								6.6	5.0
SE	1.6	3.0	1.0	.2								6.5	5.3
SSE	1.9	3.1	1.4	.5								7.0	5.4
S	3.3	3.9	2.2	.9	.2	.2						10.7	6.3
SSW	1.8	3.0	1.9	1.0	.1							7.9	6.5
SW	1.4	2.0	.8	.3								4.5	5.0
WSW	2.0	1.8	.9	.4	.1	.1						5.4	5.8
W	1.9	3.2	1.2	.3								6.7	5.1
WNW	2.0	2.7	.9	.4	.1							6.7	4.8
NW	2.3	3.1	2.5	1.0								8.8	5.9
NNW	1.1	2.3	.6	.8								4.7	6.1
VARBL													
CALM												8.3	
	27.2	37.3	18.3	8.0	.6	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~12808~~ STATION — K.C SHUTTLE APT FL STATION NAME — 74-79 YEARS — ~~MAY~~ MONTH

ALL WX THR CLASS — ~~0400-0800~~ 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~~	~~1.3~~	~~1.1~~	~~1.2~~								~~5.7~~	~~6.8~~
NNE	~~.6~~	~~.4~~	~~.9~~									~~1.9~~	~~5.0~~
NE	~~.3~~	~~.6~~	~~.1~~									~~1.5~~	~~3.7~~
ENE	~~.5~~	~~1.0~~	~~.2~~	~~.1~~								~~2.0~~	~~5.6~~
E	~~1.3~~	~~1.3~~	~~1.3~~	~~.6~~								~~4.5~~	~~6.4~~
ESE	~~1.1~~	~~2.7~~	~~1.6~~	~~.2~~								~~6.5~~	~~5.3~~
SE	~~1.7~~	~~2.6~~	~~1.3~~	~~.6~~								~~6.2~~	~~5.6~~
SSE	~~.6~~	~~1.9~~	~~1.5~~	~~.8~~								~~5.0~~	~~6.7~~
S	~~2.8~~	~~4.0~~	~~2.6~~	~~1.0~~	~~.1~~							~~10.7~~	~~6.0~~
SSW	~~1.9~~	~~1.7~~	~~2.2~~	~~1.2~~								~~7.0~~	~~6.8~~
SW	~~1.3~~	~~2.3~~	~~.9~~	~~.5~~								~~5.0~~	~~5.6~~
WSW	~~1.7~~	~~1.9~~	~~.4~~									~~4.1~~	~~4.1~~
W	~~2.5~~	~~2.4~~	~~1.4~~	~~.6~~	~~.1~~	~~.1~~						~~7.1~~	~~5.9~~
WNW	~~1.3~~	~~1.2~~	~~.9~~	~~.2~~								~~3.6~~	~~5.3~~
NW	~~3.0~~	~~4.6~~	~~2.4~~	~~1.4~~								~~11.4~~	~~6.0~~
NNW	~~1.9~~	~~2.8~~	~~2.4~~	~~.5~~								~~7.7~~	~~6.0~~
VARBL													
CALM												10.1	
	~~26.0~~	~~32.8~~	~~21.2~~	~~9.6~~	~~.2~~	~~.1~~						~~100.0~~	~~5.3~~

TOTAL NUMBER OF OBSERVATIONS ~~928~~

049

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (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	1.2	3.1	3.7	.2							8.5	10.1
NNE	.2	1.0	1.5	1.0								3.7	7.8
NE	.4	1.3	1.2	.4								3.3	6.9
ENE	.4	1.0	.6	1.3								3.3	8.4
E	.3	1.7	3.2	1.6								6.9	8.1
ESE	.4	1.8	3.9	1.7								7.8	8.3
SE	.3	1.0	3.3	1.3								5.9	8.4
SSE	.4	1.0	2.7	3.2	.1							7.4	9.6
S	.1	1.8	6.2	4.8	.1							13.1	9.6
SSW	.3	.9	3.0	3.1	.1							7.4	10.2
SW		1.0	2.0	1.9	.3							5.3	9.9
WSW		.9	2.0	1.2								4.1	8.8
W	.8	1.1	1.7	1.7	.2							5.5	8.9
WNW	.3	1.2	.8	.6								2.9	7.7
NW	.4	1.2	1.5	2.5	.1							5.7	9.6
NNW	.4	1.7	3.1	2.3	.1							7.6	8.9
VARBL													
CALM												1.5	
	5.3	19.6	40.0	32.4	1.3							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 STATION — KSC SHUTTLE APT FL STATION NAME — 74-79 YEARS — MAR MONTH

ALL WEATHER CLASS — 1200-1600 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	3.5	6.5	.1							10.9	11.1
NNE		1.8	4.3	2.2								8.3	9.1
NE		1.4	1.9	.2	.1							3.7	7.6
ENE	.3	1.1	1.5	1.2								4.1	8.4
E	.2	2.4	3.2	2.3								8.1	8.4
ESE		.9	3.2	2.4								6.3	9.6
SE		1.7	4.4	3.7								9.8	9.5
SSE	.1	1.0	6.8	8.8	.2							16.9	10.9
S	.1	1.7	3.2	3.1	.3							8.5	9.7
SSW	.2	.8	.3	1.3	.3							3.1	10.9
SW	.1	.2	.3	2.9	.2	.2						4.2	12.9
WSW		.2	.8	2.6	.6							4.2	12.9
W	.1	1.1	1.3	1.5	1.0							5.2	10.8
WNW		.1	1.0	1.0	.2							2.3	11.5
NW		.4	1.1	1.1								2.6	9.8
NNW	.1	.4	.4	.9								1.8	9.9
VARBL													
CALM												.2	
	1.3	15.9	38.0	41.3	3.1	.2						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

050

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12858 (STATION) KSC SHUTTLE APT FL (STATION NAME) 74-79 (YEARS) MAR (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	2.8	5.3	.4							8.9	11.6
NNE	.3	1.1	3.9	1.9	.1							7.2	9.2
NE	.4	1.8	2.0									4.8	6.6
ENE	.2	1.4	1.7	1.4								4.7	8.4
E	.2	3.7	7.0	1.4								12.3	7.7
ESE	.3	2.5	6.8	1.8								11.4	8.2
SE	.1	1.7	5.7	4.4								11.9	9.6
SSE	.1	.6	5.9	9.3	.4							16.5	11.0
S		.3	1.8	1.7								3.9	10.1
SSW			.3	.5	.1	.1						1.1	12.7
SW	.1	.1	.5	1.7	.2							2.7	12.8
WSW		.2	1.4	1.6	1.1							4.3	13.1
W	.1	.3	1.8	2.7	1.0	.2						6.1	12.6
WNW			.4	.4								.9	10.3
NW			.8	.4	.1							1.3	10.4
NNW		.3	.4	.4								1.2	9.7
VARBL													
CALM												.8	
	1.9	14.4	43.9	35.2	3.4	.2						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 STATION — KSC SHUTTLE APT FL STATION NAME — 7[illegible]-79 YEARS — MAR 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	.6	2.3	3.6	2.1	.2							8.8	[illegible]
NNE	.4	2.1	1.4	.5								4.4	6.[illegible]
NE	1.5	1.5	.3									3.4	4.[illegible]
ENE	1.1	1.7	.8	.5	.1							4.2	6.[illegible]
E	3.7	4.9	1.7									10.3	4.[illegible]
ESE	2.6	4.6	3.7	.2								11.1	5.[illegible]
SE	1.7	4.5	4.5	1.7								12.5	6.7
SSE	.6	3.6	8.3	3.1	.2							15.9	8.4
S	.8	2.8	3.4	.5								7.5	6.7
SSW	.2	.3	.6									1.2	6.1
SW		.4	.6	.9								1.8	9.[illegible]
WSW	.2	.5	1.7	1.3	.1							4.1	10.1
W	.1	1.7	1.8	2.5	.4							6.6	9.7
WNW	.2	.8	.3	.5								1.8	7.[illegible]
NW		.2	.4									.6	7.3
NNW	.6	1.1	.6	.1								2.5	5.7
VARBL													
CALM												3.2	
	14.8	33.1	32.9	14.2	1.1							100.0	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 925

051

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12809 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.8	2.0	.5	.2							7.3	6.3
NNE	1.0	1.2	1.1	.4								3.7	5.9
NE	.8	1.4	.1									2.3	4.1
ENE	1.1	1.2		.2								2.7	4.4
E	1.8	2.9	1.3	.5								6.6	5.4
ESE	2.0	3.9	2.4	.2								9.1	5.4
SE	2.0	3.7	2.7	1.1								10.0	5.9
SSE	2.4	4.6	3.5	1.4	.1							12.0	6.5
S	1.9	3.3	6.4	1.2								12.8	7.2
SSW	.4	1.4	.4	.5								2.8	6.3
SW	.2	1.9	.5	.4								3.0	6.0
WSW	.8	1.9	1.4	1.0								5.1	7.1
W	.9	2.7	3.0	2.2	.2							9.0	8.1
WNW	.6	.9	1.3	.3								3.1	6.6
NW	.4	.5	.2									1.2	4.3
NNW	.8	1.9	.4	.3								3.3	5.7
VARBL													
CALM												6.0	
	20.3	35.4	27.3	10.2	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12864 (STATION) KSC SHUTTLE APT FL (STATION NAME) 73-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	2.5	2.7	.2							7.6	8.9
NNE	.6	1.1	1.7	.8	.C							4.2	7.6
NE	.6	1.1	.8	.1	.0							2.6	5.7
ENE	.7	1.1	.8	.6	.0							3.3	5.7
E	1.3	2.7	2.6	.9								7.6	6.6
ESE	1.4	3.0	3.0	.9								8.2	6.6
SE	1.3	2.9	3.3	1.7								9.2	7.2
SSE	1.1	2.5	4.1	3.5	.1							11.2	8.6
S	1.5	2.8	3.7	1.8	.1	.0						9.9	7.6
SSW	.9	1.3	1.3	1.0	.1	.0						4.6	7.7
SW	.6	1.3	.8	1.1	.1	.0						3.9	8.1
WSW	.8	1.1	1.2	1.1	.2	.0						4.5	8.2
W	1.0	1.9	2.0	1.6	.4	.0						6.9	8.3
WNW	.7	1.0	.9	.5	.1							3.2	6.8
NW	.9	1.5	1.2	.9	.0							4.6	7.0
NNW	.8	1.5	1.1	.7	.0							4.1	6.9
VARBL													
CALM												4.6	
	15.0	28.0	31.0	19.8	1.3	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7427

052

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12863 (STATION) KSC SHUTTLE APT FL (STATION NAME) 7-79 (YEARS) APR (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	.9	.7	.4	.6								2.6	6.0
NNE	1.1	.2										1.3	2.8
NE	1.2	1.0	1.2	.1								3.6	5.3
ENE	1.1		.9	.3								2.3	6.3
E	1.9	1.9	4.1	2.0								9.9	7.5
ESE	1.8	2.6	2.4	1.3	.1							8.2	6.8
SE	1.9	3.1	2.3	.7								8.0	6.1
SSE	2.0	3.7	2.7	.2								8.6	5.6
S	2.0	4.0	5.9	1.4								13.3	6.9
SSW	.9	2.4	1.9	.1								5.3	5.8
SW	1.3	2.3	.9	.4								5.0	5.3
WSW	1.2	2.4	1.1	.4								5.2	5.7
W	1.6	4.4	1.9	.7								8.6	5.8
WNW	.4	2.1	.7	.2								3.4	5.7
NW	.6	2.0	1.2	.4								4.2	6.2
NNW	1.1	1.9	1.1	.3								4.4	5.7
VARBL													
CALM												5.9	
	21.0	36.8	28.8	9.3	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 — KSC SHUTTLE APT FL — 73-79 — APR
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0300-0500
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.6	1.1	.3								3.2	5.3
NNE	.6	.3	.2									1.1	4.5
NE	.4	.2	.7									1.4	5.1
ENE	1.2	1.6	1.2	.2	.2							4.4	6.4
E	1.6	1.7	3.1	1.1								7.4	7.0
ESE	1.6	2.0	2.9	1.2								7.7	7.0
SE	1.4	2.6	2.4	.1								6.6	5.6
SSE	1.1	2.6	2.1	.2								6.0	5.8
S	1.7	4.7	1.9	.9								9.1	5.9
SSW	2.0	4.3	2.1	.6								8.7	5.5
SW	1.9	1.9	.8	.4								5.0	5.0
WSW	1.7	2.0	1.2	.1								5.0	5.0
W	4.3	3.9	1.6	.3								10.1	4.6
WNW	.7	1.8	1.2	.3								4.0	6.0
NW	1.7	3.0	1.2	1.0								6.9	5.7
NNW	2.0	2.6	1.1	.4								6.1	5.1
VARBL													
CALM												7.2	
	25.1	35.6	24.9	7.0	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12866 STATION — KSC SHUTTLE APT FL STATION NAME — 70-79 YEARS — APR MONTH

ALL WEATHER CLASS — 0000-0300 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	.8	1.3	1.1	.1							5.0	7.3
NNE	.4	.8	.4									1.7	4.7
NE	.4	.7	.2	.1								1.4	5.3
ENE	.6	1.6	1.4	.1	.2	.1						4.0	7.3
E	1.6	1.9	2.1	2.1								7.7	7.6
ESE	1.4	1.9	2.4	1.6								7.6	7.3
SE	.9	2.0	2.1	.4								5.4	6.7
SSE	.6	1.1	2.2	.3								4.2	6.9
S	2.2	3.8	2.9	1.8								10.7	6.4
SSW	1.2	2.0	2.1	1.7								7.0	7.4
SW	1.2	1.6	1.3	.3	.1							4.6	6.2
WSW	1.4	1.2	1.8	.6								5.0	6.2
W	2.4	2.9	.6	.2								6.3	6.2
WNW	2.2	1.6	.7	.2								4.7	6.3
NW	3.4	2.7	3.0	1.0								9.9	6.0
NNW	1.3	3.9	1.6	1.2								8.0	6.2
VARBL													
CALM												6.9	
	22.9	30.2	26.6	13.0	.6	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12802 (STATION) KSC SHUTTLE APT FL (STATION NAME) 7-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0300-1100 (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	1.4	2.7	3.4	.7	.1						8.7	10.2
NNE	.1	1.9	2.1	1.7								5.8	8.7
NE	.1	1.9	1.8	.2								4.0	7.1
ENE	.1	2.2	1.1	1.0	.2							4.7	8.3
E	.2	1.6	4.8	4.3								10.9	9.7
ESE		.7	3.7	3.2								7.6	10.0
SE		.8	1.2	2.6								4.6	10.1
SSE		.9	2.4	4.4	.1							7.9	10.9
S	.4	1.8	4.8	3.9	.3							11.2	9.6
SSW	.1	.8	1.6	2.7	.8							5.4	10.3
SW	.2	.9	2.7	2.0	.7							6.4	10.0
WSW	.4	1.8	2.1	1.2	.3							5.9	8.3
W	.4	1.6	1.0	.6								3.6	6.8
WNW	.4	1.1	1.7	.7								3.9	7.4
NW	.1	1.4	.7	1.2								3.4	8.1
NNW	.4	.9	2.1	2.1								5.6	9.2
VARBL													
CALM												.6	
	3.6	21.6	36.3	35.2	2.7	.1						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

128.3 STATION — KSC SHUTTLE APT FL STATION NAME — 76-79 YEARS — APR 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	.3	1.4	4.4	.6							7.4	12.2
NNE	.1	.9	4.2	3.8								9.0	9.9
NE	.3	1.2	2.0	.6								5.1	7.8
ENE	.1	2.2	3.8	1.8	.1							8.0	8.5
E	.2	1.7	5.8	4.1								12.8	9.3
ESE	.2	.9	4.4	4.4	.1							10.1	10.2
SE		1.1	4.7	4.4	.2							10.8	10.4
SSE	.1	.8	3.7	5.6	.7							11.8	11.2
S	.2	.3	3.1	2.4	1.1							6.8	11.5
SSW	.1	.3	.6	1.2	.1							2.3	10.6
SW		.3	1.7	1.9	.7							4.6	11.0
WSW		.1	1.4	1.4	.4							3.2	11.0
W	.1	.2	.6	1.9	.3							3.3	11.6
WNW	.2	.1	.4	.7	.1							1.6	10.1
NW		.2	.4	.3								1.0	9.0
NNW		.3	.7	1.1								2.1	10.6
VARBL													
CALM												.1	
	1.9	11.1	40.9	41.3	4.7							100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 7-79 (YEARS) APR (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	2.4	4.0	.3							6.9	11.6
NNE	.1	.9	2.4	3.1		.1						7.1	10.1
NE		1.6	2.4	1.2								5.2	8.2
ENE	.2	2.8	3.4	1.4								7.9	7.7
E	.2	3.6	9.0	2.8								15.6	8.4
ESE	.1	1.9	8.3	3.1								13.5	8.8
SE	.2	1.7	6.9	6.6	.1							15.5	10.0
SSE		.4	4.2	6.3	.2							11.2	11.2
S		.3	.8	2.3	.2							3.7	12.2
SSW			.2	.1								.3	10.7
SW		.1	.4	1.3	.3							2.2	12.4
WSW		.6	1.1	1.6	.4							3.4	10.7
W		.4	1.3	2.2	.4							4.4	11.3
WNW		.1	.3	1.2	.3							2.0	12.9
NW		.1	.3	.1								.6	9.0
NNW		.2	.1	.1								.4	7.8
VARBL													
CALM													
	.9	14.8	44.4	37.6	2.3	.1						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 899

055

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 STATION — KSC SHUTTLE APT FL STATION NAME — 74-79 YEARS — APR 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	1.9	2.4	1.2								6.0	7.6
NNE	.6	1.8	2.4	.6		.2						5.6	7.6
NE	.9	1.9	.8	.2								3.5	5.7
ENE	1.8	2.1	.6	.3								5.2	5.7
E	3.0	4.0	5.6	1.0								13.8	6.5
ESE	2.1	4.5	5.1	1.2								12.9	6.6
SE	1.5	4.0	5.1	1.6								12.6	6.8
SSE	1.8	4.8	5.8	4.1								16.5	7.8
S	.6	1.4	2.9	1.9	.1							6.9	8.6
SSW		.2	.3	.2								.8	9.1
SW		.3	.2	.4								1.0	9.1
WSW	.1	.7	1.6	.9								3.2	8.6
W	.2	.9	1.7	1.0								3.8	8.6
WNW	.1	.4	1.1	.4	.2							2.3	9.1
NW	.2	.2	.1									.6	6.2
NNW	.6	.7	.4									1.7	6.9
VARBL													
CALM												3.7	
	13.9	29.8	36.4	15.6	.3	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) KSC SHUTTLE APT FL (STATION NAME) 73-79 (YEARS) APR (MONTH)

ALL WX THR (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	1.0	1.0	.7	.1								2.8	4.8
NNE	.4	1.3	.7	.5	.2							3.6	7.8
NE	1.0	1.8	.9	.2								4.4	5.0
ENE	.4	.8	.9	.4								2.6	6.6
E	2.1	2.9	4.6	1.7								11.4	7.1
ESE	2.1	2.9	5.1	1.1								11.2	6.7
SE	2.4	3.1	2.3	.4								8.2	5.6
SSE	1.4	5.8	4.3	2.6								14.1	7.2
S	2.7	4.7	4.6	2.7	.1							14.7	6.9
SSW	.8	.7	1.1	.1								2.7	5.8
SW	.4	.7	.7	.4								2.1	7.6
WSW	.8	1.0	.9	.3	.1							2.7	7.5
W	.6	2.1	1.9	.6								5.1	6.9
WNW	.4	1.4	1.4	.3								3.3	6.6
NW	.6	.6	.6									1.7	5.0
NNW	1.4	.9	.6	.1								3.0	4.7
VARBL													
CALM												6.4	
	16.4	31.6	31.1	12.6	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

056

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12858 (STATION) KC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) APR (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	.7	.8	1.6	1.9	.2	.0						5.3	9.1
NNE	.4	1.0	1.0	1.3	.0	.0						4.4	8.5
NE	.6	1.3	1.3	.4								3.6	6.5
ENE	.7	1.7	1.7	.8	.1	.0						4.9	7.3
E	1.3	2.4	3.1	2.4								11.2	7.9
ESE	1.2	2.2	4.3	2.2	.0							9.8	7.9
SE	1.1	2.3	3.4	2.1	.0							8.9	7.9
SSE	.9	2.5	3.4	3.1	.1							10.0	8.5
S	1.2	2.0	3.3	2.1	.2							9.5	7.9
SSW	.6	1.3	1.2	.8	.1							4.1	7.3
SW	.6	1.0	1.1	.9	.2							3.9	8.1
WSW	.7	1.2	1.4	.8	.1							4.2	7.6
W	1.2	2.1	1.4	.9	.1							5.7	6.8
WNW	.6	1.1	.9	.5	.1							3.2	7.0
NW	.8	1.3	.9	.5								3.5	6.3
NNW	.9	1.4	1.0	.7								3.9	6.5
VARBL													
CALM												3.8	
	13.5	26.2	33.7	21.4	1.4	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7196

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12B/8 STATION — KSC SHUTTLE APT FL STATION NAME — 70-79 YEARS — MAY 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	1.4	.5	.5	.5								2.8	6.0
NNE	.8	.9	.1	.3								2.0	5.2
NE	.8	.5										1.3	3.3
ENE	1.2	1.0	.3	.1								2.6	4.7
E	2.2	3.3	1.8	1.2								8.5	6.2
ESE	2.3	4.6	4.8	.4								12.2	5.9
SE	2.5	4.0	2.2	.1								8.7	5.1
SSE	2.4	4.4	1.2	1.2	.1							9.3	6.1
S	4.7	5.6	3.0	.8								14.1	5.1
SSW	1.8	3.3	1.2	.2	.1							6.7	5.2
SW	1.5	1.3	.6	.4								3.9	5.4
WSW	1.9	1.7	.6	.1								4.4	4.7
W	2.6	2.4	1.0	.3								6.2	4.6
WNW	1.4	2.2	1.0	.1								4.6	4.8
NW	.6	.9	.4									1.5	5.3
NNW	.4	1.2		.2								1.8	5.2
VARBL													
CALM												9.4	
	37.8	37.8	18.8	6.0	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12864 STATION — KSC SHUTTLE APT FL STATION NAME — 73-79 YEARS — MAY MONTH

ALL OF THEM 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	.5	.5	.3								2.6	5.3
NNE	.4	.5	.4	.1								1.5	5.6
NE	1.4	.3	.1									1.8	3.2
ENE	.5	1.0	.2									1.7	4.3
E	1.8	3.5	1.7	1.2								8.3	6.0
ESE	1.6	3.4	2.0	.8								7.8	5.9
SE	3.4	3.4	.8									7.6	3.9
SSE	2.6	3.1	.9	.5	.1							7.2	5.2
S	3.4	4.1	2.3	1.4	.1							11.2	6.0
SSW	2.7	2.4	.3	.1								5.5	3.7
SW	3.7	1.7	1.2	.1								6.7	4.1
WSW	2.2	2.9	.5	.2								5.8	4.4
W	4.2	4.1	.4	.1								8.8	3.9
WNW	1.1	1.3	1.0									3.3	4.9
NW	2.2	2.0	.3									4.5	4.0
NNW	1.4	1.5	.4	.2								3.5	4.6
VARBL													
CALM												12.0	
	33.7	35.9	13.1	5.1	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 STATION — KSC SHUTTLE APT FL STATION NAME — 70-79 YEARS — MAY 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	1.6	1.2	.9	.8								4.6	5.8
NNE	.6	.5	.6	.5								2.4	6.7
NE	.5	.8	.2	.1								1.6	4.8
ENE	.9	1.1	1.3									3.2	5.7
E	1.9	3.1	2.9	1.6								9.6	6.8
ESE	1.6	2.6	2.7	.6								7.5	6.4
SE	2.8	1.4	1.5	.1								5.8	4.7
SSE	1.3	1.9	2.5	.8								6.5	6.7
S	2.6	2.8	1.7	1.9								9.0	6.9
SSW	1.4	2.6	2.0	.4								6.5	6.1
SW	1.2	1.7	1.5	.2								4.6	5.7
WSW	1.8	2.5	2.4	.3								7.0	5.7
W	2.2	4.0	2.5	.1								8.7	5.3
WNW	1.8	1.0	1.2									4.0	4.6
NW	1.4	2.5	1.6	.3								5.8	5.7
NNW	1.3	1.7	.5	.2								4.0	4.7
VARBL													
CALM												9.2	
	25.4	31.3	26.0	8.1								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	1.5	2.0								4.6	9.7
NNE	.1	.6	1.7	2.0	.1							4.6	10.1
NE		1.4	1.9	.2								3.5	7.2
ENE	.3	1.1	2.9	.6								5.2	7.5
E	.4	2.5	6.2	3.4								12.6	8.7
ESE	.4	1.7	4.8	1.5								8.5	8.2
SE	.8	1.3	4.1	1.0								7.1	7.7
SSE	.2	1.4	3.2	3.7	.1							8.6	9.8
S	.5	2.4	3.4	2.7								9.0	8.8
SSW	.6	1.5	1.6	1.7	.1							5.6	8.3
SW	.2	1.8	3.0	1.8								6.9	8.5
WSW	.4	2.3	2.4	.8								5.8	7.1
W	.5	2.3	2.5	.5	.2							6.0	7.1
WNW	.4	1.0	2.3	.2								3.9	6.9
NW	.3	1.1	1.7	.4								3.5	7.2
NNW	.2	.8	1.5	1.0								3.4	8.5
VARBL													
CALM												1.1	
	5.9	24.0	44.8	23.7	.5							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 74-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1600 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	1.1	2.0	.3							3.9	11.1
NNE		.4	1.2	3.2	.6							7.5	10.7
NE		.9	2.5	.4								3.9	6.4
ENE	.1	1.6	5.6	1.3								8.6	8.3
E	.2	3.7	14.2	5.8	.1							24.0	8.8
ESE	.1	1.6	8.6	3.4								13.8	9.1
SE	.2	1.2	5.3	4.1								10.8	9.7
SSE	.2	.8	4.2	3.7								8.8	9.9
S	.1	.6	1.8	1.4	.1							4.1	9.7
SSW		.3	1.1	.6								2.0	9.2
SW		.3	1.6	1.1	.1							3.1	9.7
WSW		.4	1.7	1.2								3.3	9.7
W	.1	.6	.6	.8	.1							2.4	9.4
WNW	.1	.3	.4	.3								1.2	8.4
NW		.3	.4	.3								1.1	8.9
NNW		.5	.1	.6								1.3	9.4
VARBL													
CALM												.4	
	1.3	14.0	52.6	30.3	1.4							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

059

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 76-79 (YEARS) MAY (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	.1	.4	1.8	.3							2.9	12.2
NNE	.1	.4	2.4	1.9	.2							5.1	10.4
NE	.1	.8	2.9	.5	.1							4.4	8.1
ENE	.2	1.3	4.7	1.3								7.5	8.6
E	.3	3.0	16.5	5.2								24.9	8.9
ESE	.1	1.8	11.2	5.3								18.4	9.2
SE	.1	1.8	6.1	4.6	.1							12.8	9.6
SSE	.2	.5	3.8	4.5								9.0	10.5
S	.3	.5	1.5	2.2	.2							4.7	10.2
SSW		.5	.6									1.3	6.5
SW		.4	.3	.2								1.0	7.6
WSW	.1	.3	.4	.9								1.7	9.9
W		.2	.5	1.6								2.4	11.8
WNW	.3	.1	.2	.6	.2							1.5	10.5
NW			.3	.1								.4	9.3
NNW	.1	.3	.6	.1								1.2	7.8
VARBL													
CALM												.8	
	2.3	12.3	52.7	30.9	1.2							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 STATION — KSC SHUTTLE APT FL STATION NAME — 74-79 YEARS — MAY MONTH

ALL AT THE 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	.5	1.0	1.3								3.3	6.9
NNE	.4	.9	1.8	1.1	.1							4.3	8.1
NE	1.0	1.3	.6									2.9	4.5
ENE	1.1	1.7	1.3	.3								5.1	5.8
E	2.8	8.4	6.9	1.1								19.0	6.1
ESE	2.2	5.1	7.1	1.3								15.6	6.6
SE	2.6	5.7	6.4	1.1	.2							16.0	6.6
SSE	1.3	2.6	5.6	2.6	.1							12.4	8.3
S	.6	1.6	2.7	2.4								7.3	8.7
SSW	.4	1.0	1.0	.3	.1							2.8	7.5
SW	.3	.2	.1			.1						.8	7.0
WSW	.1	.6	.1	.5								1.4	7.8
W	.2	.2	1.4	.9								2.7	8.9
WNW	.4	.1	.5	.2								1.3	6.9
NW			.3	.1								.4	10.0
NNW	.2	.5	.3									1.1	5.5
VARBL													
CALM												3.6	
	14.0	30.5	37.8	13.4	.5	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 76-79 (YEARS) MAY (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	.8	.4		.9	.1							2.2	7.8
NNE	.4	1.0	.6	.5								2.6	7.0
NE	.6	1.1	.2									1.9	4.0
ENE	1.7	1.2	.9									3.8	4.7
E	2.7	4.6	3.3	.9								11.5	5.8
ESE	2.7	5.9	5.5	.6								14.8	6.0
SE	3.5	5.4	2.5	.6								12.0	5.3
SSE	2.7	5.0	3.7	.6	.1							12.1	5.9
S	3.6	4.7	4.3	1.5								13.6	6.2
SSW	.8	2.2	1.3	.2								4.3	5.9
SW	.8	.9	1.0									2.6	5.3
WSW	.9	.5	.8	.2								2.4	5.0
W	1.6	2.0	.9	.3								4.2	5.7
WNW	.4	1.0	.5									1.9	5.1
NW	.3	.8	.2									1.3	4.8
NNW	.9	.3	.2	.1								1.5	4.4
VARBL													
CALM												7.3	
	23.0	37.0	25.9	6.6	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12864 (STATION) KSC SHUTTLE APT FL (STATION NAME) 74-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.6	.7	1.2	.1							3.4	8.4
NNE	.4	.7	1.4	1.2	.1							3.8	8.9
NE	.6	.9	1.1	.4	.0							2.7	6.2
ENE	.6	1.2	2.2	.5								4.7	6.9
E	1.3	4.0	6.7	2.3	.0							14.8	7.5
ESE	1.4	3.3	5.9	1.7								12.3	7.4
SE	2.6	3.0	3.6	1.3	.0							10.1	6.8
SSE	1.4	2.5	3.1	2.2	.1							9.2	7.8
S	1.9	2.8	2.6	1.4	.1							9.1	7.1
SSW	1.6	1.7	1.2	.5	.0							4.3	6.2
SW	1.0	1.0	1.2	.5	.0	.0						3.7	6.4
WSW	.9	1.4	1.1	.5								4.0	6.1
W	1.3	2.0	1.2	.6	.0							5.2	6.0
WNW	.8	.9	.9	.2	.0							2.7	5.9
NW	.6	.9	.7	.2								2.3	5.8
NNW	.6	.9	.5	.3								2.2	6.0
VARBL													
CALM												5.5	
	16.7	27.8	34.0	15.5	.5	.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12806 (STATION) KSC SHUTTLE APT FL (STATION NAME) 53-78 (YEARS) JUL (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	.9	.1										1.0	2.6
NNE	.2	.4										.8	3.4
NE	.2	.2										.4	4.0
ENE	.6	.8										1.6	3.6
E	2.4	3.2	2.0	1.0	.1							8.7	6.2
ESE	2.1	3.7	1.7	.4	.2							8.1	5.7
SE	2.9	2.0	.7		.1							5.7	4.2
SSE	3.2	3.7	1.7	.1								8.7	4.7
S	3.9	5.4	2.3	.9								12.6	5.2
SSW	3.3	4.3	.7	.4								8.8	4.5
SW	3.4	3.9	1.4	1.2								10.0	5.4
WSW	3.0	3.7	1.2	.1								8.0	4.5
W	3.0	3.1	.9									7.0	4.2
WNW	1.3	.6										1.9	3.2
NW	.3	.3		.1								1.3	3.6
NNW	1.2											1.0	2.4
VARBL													
CALM												14.6	
												100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12854 STATION — KSC SHUTTLE APT FL STATION NAME — 65-79 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	1.4	.3										1.8	2.5
NNE	.8	.9	.1	.1								1.9	4.4
NE	.4	.7	.1									1.2	4.3
ENE	.3	.3	.1									.8	4.7
E	2.1	4.7	1.7	1.0		.1						7.6	6.3
ESE	1.6	1.7	.3	.6	.2							4.8	6.3
SE	2.0	1.3	.3	.3								4.0	4.3
SSE	1.7	1.3	.3	.1								3.9	4.5
S	2.5	3.4	.7	.3								7.8	4.9
SSW	4.7	5.6	.7	.6								11.4	4.3
SW	2.8	2.7	1.6	.8								7.8	5.5
WSW	3.7	4.0	1.3	.1								9.1	4.4
W	4.8	5.2	.4									10.4	3.7
WNW	2.3	.8										3.1	2.9
NW	1.4	.9										2.3	3.4
NNW	2.2	.4										2.7	2.6
VARBL													
CALM												19.4	
	35.1	32.2	8.6	4.3	.2	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

062

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12B0W (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (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	2.4	1.0	.4									3.9	3.7
NNE	.1	.6	.6	.2								1.4	6.9
NE	1.2	.8	.7									2.7	4.5
ENE	1.0	.8	1.3	.1								3.2	5.6
E	1.9	1.8	2.2	1.3	.1							7.3	6.9
ESE	2.0	1.8	1.0	.4	.1							5.9	5.4
SE	1.2	.7	.2	.4	.1							2.7	6.0
SSE	1.0	1.6	.3	.1								3.0	4.8
S	1.4	2.9	2.0	.4			.1					6.9	6.3
SSW	2.0	2.4	.9	.7		.1						6.1	5.6
SW	2.4	2.8	2.7	.6	.1							8.6	6.0
WSW	2.2	5.0	3.1	.3								10.7	5.6
W	4.2	4.4	1.7	.2								10.6	4.5
WNW	1.9	1.4	.7	.1								4.1	4.3
NW	1.9	1.9	.3									4.1	3.9
NNW	1.7	1.0										2.7	3.1
VARBL													
CALM												16.2	
	29.2	30.8	18.1	5.0	.4	.1	.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~12845~~ STATION — ~~KSC SHUTTLE APT FL~~ STATION NAME — ~~69-78~~ YEARS — ~~JUL~~ 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	.4	1.0	.4	.3								2.1	6.2
NNE	.6	1.6	2.6									4.9	6.7
NE	.4	2.9	2.4	.6								6.7	6.8
ENE	.2	2.4	3.1	.7								6.4	7.3
E	1.1	4.2	3.7	2.1	.2							11.3	7.7
ESE	1.0	2.4	2.8	1.7								7.9	7.7
SE	.3	2.3	1.0	.3	.3							4.3	7.3
SSE	.1	2.0	2.8	.6								5.4	7.5
S	.4	2.6	3.7	.4	.1							8.1	7.2
SSW	.4	1.3	2.0	.7	.1	.1						4.7	8.3
SW	.3	2.0	2.0	1.6	.1							6.0	7.9
WSW	1.4	3.6	2.9	1.6	.1							9.6	7.2
W	1.7	4.8	4.1	.9								10.4	6.2
WNW	1.0	1.6	1.2	.1								3.9	5.1
NW	.7	2.0	1.1									3.8	5.4
NNW	.4	1.0	.6	.1								2.2	5.4
VARBL													
CALM												2.2	
	11.2	37.7	35.8	12.0	1.0	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS ~~900~~

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12869 (STATION) KSC SHUTTLE APT FL (STATION NAME) 62-78 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.6	.4								1.4	8.7
NNE	.2	1.2	3.0	1.0								5.4	8.0
NE	.1	1.6	4.9	1.2								7.8	8.3
ENE	.1	2.7	2.9	1.7								10.3	8.1
E	.7	5.4	13.4	3.8								23.3	8.4
ESE	.3	2.7	8.7	2.8								14.6	8.5
SE	.2	1.3	4.4	2.0	.2							8.2	8.8
SSE	.3	2.1	4.1	1.4								8.0	6.1
S	.6	1.0	2.1	.9	.1							4.7	7.8
SSW		.6	.7	.9								2.1	9.9
SW		.8	1.6	.7	.3							3.3	9.4
WSW	.2	.8	1.8	1.4								4.2	9.2
W	.4	.9	1.2	.9								3.4	8.0
WNW	.2	.6	.7	.2								1.7	7.1
NW	.2		.2									.4	5.5
NNW	.1	.2	.1									.4	5.5
VARBL													
CALM												.7	
	3.8	22.2	53.3	19.3	.7							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~12N~~ STATION — ~~KSC SHUTTLE APT FL~~ STATION NAME — ~~64-78~~ YEARS — ~~JUL~~ MONTH

ALL CLASS — ~~1300-1700~~ 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	.3	.3	.2	.3								1.2	6.8
NNE	.4	.9	1.6	1.0								3.9	8.0
NE		1.0	2.9	.7								4.6	8.0
ENE	.6	2.2	4.4	1.0								7.9	7.9
E	.7	3.7	12.4	4.2	.1							21.1	8.8
ESE	.5	2.9	11.9	2.9								18.6	8.2
SE	.9	1.4	8.3	3.1								13.8	8.6
SSE	.6	1.8	4.0	2.7								9.2	8.6
S	.8	1.2	1.7	1.6								5.4	8.2
SSW	.4	.9	.3	.7								2.3	7.1
SW	.2	.9	1.3	.6	.3							3.3	8.9
WSW	.1	1.0	.8	1.4								3.3	9.6
W	.1	.7	.8	.3								1.9	7.5
WNW		.3	.2	.3								.9	8.0
NW		.1	.2	.1								.4	7.8
NNW	.2	.2	.3	.2								1.0	7.0
VARBL													
CALM												1.1	
	6.1	19.6	51.4	21.3	.4							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS ~~900~~

064

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 STATION — KSC SHUTTLE APT FL STATION NAME — 60-78 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	.6	.4	.4	.2								1.9	5.7
NNE	.2	1.7	.3									2.2	5.1
NE	1.0	1.7	1.0									3.7	5.0
ENE	1.2	1.8	1.6									4.6	5.4
E	2.8	3.2	5.0	2.6	.1	.1						13.2	7.2
ESE	2.3	5.8	3.4	.2	.1							13.9	6.1
SE	1.4	5.9	4.1	.4								11.9	6.1
SSE	1.9	5.7	5.2	1.4								14.2	6.6
S	2.4	3.0	4.6	1.0								11.0	6.4
SSW	1.0	2.1	1.6	.8								5.4	6.4
SW	1.1	1.0	2.2	.7	.1							5.1	7.4
WSW	.4	.7	.9	.6								2.6	7.0
W	.7	.8	.8	.1								2.3	5.7
WNW	.3	.2	.1									.7	4.0
NW	.4	.1	.3	.1		.1						1.1	7.2
NNW	.1	.3	.1	.1								.7	6.3
VARBL													
CALM												5.6	
	18.2	36.3	33.7	7.7	.3	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~12856~~ STATION — KSC SHUTTLE APT FL STATION NAME — ~~65-78~~ YEARS — ~~JUL~~ MONTH

ALL w/ THE 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	1.0	.6	.1									1.7	3.5
NNE	.6	.2										.8	2.6
NE	.1	.7	.2									1.0	5.0
ENE	1.2	1.6	.6									3.3	4.5
E	1.4	3.6	4.1	1.6	.2							10.3	7.0
ESE	3.8	5.0	2.0	.1								10.9	4.7
SE	2.8	4.7	1.7	.1								9.2	4.9
SSE	3.0	3.8	2.4	.2								9.4	5.0
S	4.2	5.6	3.0	.4								13.2	5.1
SSW	2.4	3.0	1.4	.3								7.2	5.1
SW	2.2	2.4	1.9	.4								7.0	5.6
WSW	1.7	1.8	.9									4.3	4.4
W	1.4	2.0	.8									4.2	4.4
WNW	1.6	.8										1.8	3.3
NW	.3	.2	.1									.7	4.2
NNW	.7	.2		.1								1.0	3.7
VARBL													
CALM												13.9	
	27.9	36.0	19.2	2.8	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS ~~900~~

065

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12858 STATION — KSC SHUTTLE APT FL STATION NAME — 63-78 YEARS — JUN MONTH

ALL WEATHER CLASS — ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	.3	.2								1.9	4.6
NNE	.4	.9	1.0	.3								2.7	6.7
NE	.4	1.2	1.0	.3								3.3	6.7
ENE	.0	1.6	2.1	.4								4.8	6.8
E	1.6	3.5	5.6	2.1	.1	.0						12.9	7.6
ESE	1.3	3.2	4.3	1.1	.1							10.6	6.9
SE	1.5	2.5	2.0	.0	.1							7.5	6.7
SSE	1.5	2.7	2.7	.6								7.7	6.5
S	2.1	3.1	2.5	.9	.0		.0					8.7	6.1
SSW	1.3	2.5	1.0	.6	.0	.0						6.0	5.7
SW	1.0	2.1	1.8	.6	.1							6.4	6.5
WSW	1.6	2.6	1.6	.7	.0							6.5	6.0
W	2.0	2.7	1.2	.3								6.3	5.0
WNW	1.0	.8	.4	.1								2.2	4.4
NW	.7	.7	.3	.0		.0						1.8	4.6
NNW	.8	.4	.1	.1								1.5	4.0
VARBL													
CALM												9.2	
	20.5	31.0	29.1	9.6	.5	.1	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (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	.2	.1									1.5	3.0
NNE	.3	.1										.4	2.3
NE	.3	.1										.4	2.5
ENE	.6	.4	.6									1.8	5.3
E	1.9	2.5	1.1	.1								5.6	4.6
ESE	2.6	3.3	1.0	.1								6.5	4.5
SE	1.7	2.2	.9	.1								4.8	4.4
SSE	3.2	3.4	1.0									7.6	4.2
S	4.5	8.8	2.5									16.8	4.7
SSW	5.5	7.5	1.0									14.0	4.2
SW	4.5	2.7	.9									8.1	3.9
WSW	2.2	2.6	.9									5.6	4.2
W	1.9	1.7	.6									5.3	4.4
WNW	1.0	.5										1.5	3.1
NW	1.2	.2										1.4	2.7
NNW	.8	.2										.9	2.6
VARBL													
CALM												17.8	
	32.9	38.5	10.4	.3								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 STATION — KSC SHUTTLE APT FL STATION NAME — 69-78 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										1.2	2.5
NNE	1.0	.2										1.2	3.0
NE	.4	.1		.1								.6	4.7
ENE	.4	1.0	.8									2.2	5.4
E	2.0	2.6	1.2	.1								5.9	4.7
ESE	1.5	1.6	.5									3.7	4.1
SE	2.7	1.2	.2	.2								4.3	3.7
SSE	1.4	2.5	.5									4.4	4.2
S	6.0	6.6	.5									13.1	3.7
SSW	6.9	8.1	.8									15.7	3.9
SW	3.9	3.1	.3									7.3	3.5
WSW	3.0	2.5	.5									6.0	3.9
W	3.0	3.7	.2									6.9	4.0
WNW	.6	.4										1.1	3.0
NW	.6	.3										1.0	2.8
NNW	1.4	.3										1.7	2.6
VARBL													
CALM												23.8	
	35.9	36.3	5.6	.4								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12892 (STATION) KSC SHUTTLE APT FL (STATION NAME) 64-72 (YEARS) JUL (MONTH)

ALL OF THEM (CLASS) 0600-1200 (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	.4	.2	.1								2.0	3.9
NNE	1.4	.4										1.8	2.7
NE	.3	.4	.3									1.1	5.4
ENE	.3	.6	1.1	.1								2.2	6.3
E	1.3	3.2	1.3	.5								6.8	5.3
ESE	1.0	2.5	1.0	.1								5.2	5.0
SE	1.4	.9	.6									2.9	4.4
SSE	1.8	1.3	.6									3.8	4.1
S	4.5	5.5	1.9									11.9	4.4
SSW	4.5	4.9	1.1									10.5	3.9
SW	2.5	4.8	1.4	.1								8.8	4.6
WSW	2.9	2.8	1.7	.1								7.5	4.8
W	3.1	4.4	1.6									9.1	4.6
WNW	1.0	1.2	.3	.1								2.6	4.3
NW	.8	.6	.2									1.6	3.9
NNW	1.4	.4	.1									1.8	3.2
VARBL													
CALM												20.3	
	30.5	34.5	13.7	1.0								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

067

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12802 STATION — KSC SHUTTLE APT FL STATION NAME — 60-78 YEARS — JUL MONTH

ALL WEATHER CLASS — 0900-1100 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	.4									2.5	4.7
NNE	.6	1.0	.9	.1								2.6	5.7
NE	.3	1.9	.9	.4								3.3	6.2
ENE	.4	2.3	2.0	1.0								5.7	7.1
E	.4	4.5	3.2	.5								8.7	6.6
ESE	.9	2.5	2.7	.5								6.6	6.5
SE	.1	2.5	3.1	1.2								6.9	7.7
SSE	.2	4.0	5.2	.6								10.0	7.1
S	1.1	3.5	7.1	1.1								14.7	6.9
SSW	1.0	1.6	1.3									3.9	5.5
SW	.8	3.5	4.1	.3								9.1	6.8
WSW	1.2	4.4	3.3	.2								9.1	6.0
W	1.2	2.7	2.7	.1								6.7	5.8
WNW	.9	.9	1.7									3.4	6.0
NW	.6	1.3	.2									2.2	4.5
NNW	.3	1.0	.3									1.6	5.0
VARBL													
CALM												3.0	
	11.0	40.5	39.1	6.3								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12864 - KSC SHUTTLE APT FL — 60-78 — JUL

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1200-1400

CLASS — HOURS (L S T.)

CONDITION

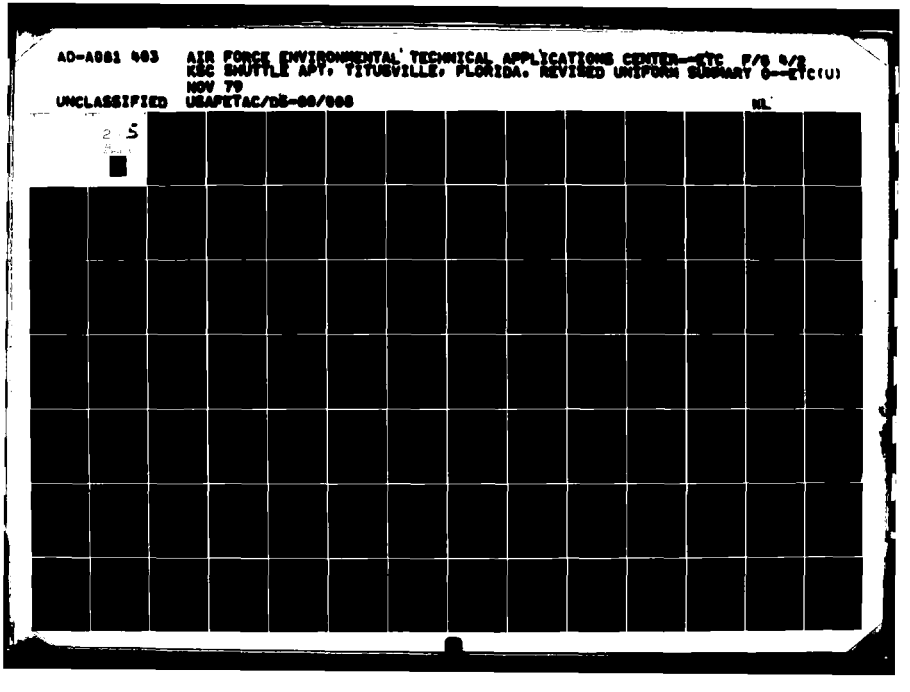
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.6	.2								1.3	7.5
NNE	.2	.9	1.3	.3								2.7	7.1
NE		1.9	1.3									3.9	6.6
ENE	.2	1.9	3.7	.6								6.5	7.4
E	.5	5.4	11.3	1.6								19.0	7.5
ESE	.3	2.4	8.7	2.0								13.4	8.2
SE	.3	3.1	10.4	3.2	.1							17.2	8.5
SSE	.3	3.0	8.7	2.6								14.6	8.4
S	.2	1.6	3.7	.5	.1							6.1	7.9
SSW	.1	1.0	1.0	.1								2.2	6.8
SW	.1	.8	1.6	.9								3.3	8.5
WSW	.1	.8	1.8									2.7	7.2
W	.3	.5	1.5	.4	.1							2.9	8.2
WNW	.4	.9	.3	.2								1.8	5.7
NW	.1	.3	.2									1.0	6.3
NNW	.2	.2	.1									.5	4.2
VARBL													
CALM												.9	
	3.7	24.9	57.4	12.0	.3							100.0	7.8

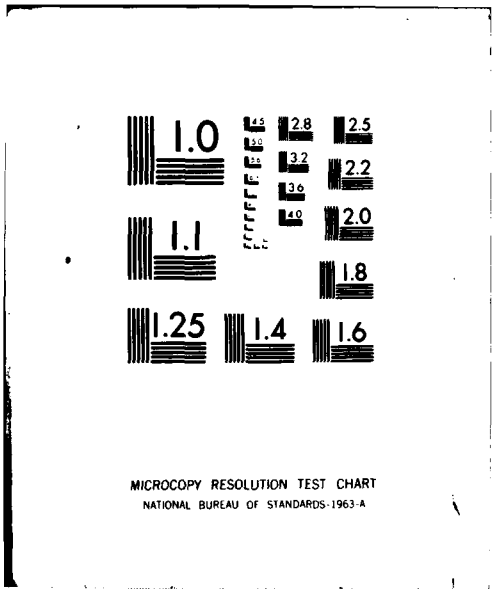
TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A081 403 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KSC SHUTTLE APP, TITUSVILLE, FLORIDA. REVISED UNIFORM SUMMARY C--ETC(U)
NOV 79

UNCLASSIFIED USAFETAC/DS-80/008 NL




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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (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	.2	.8	.6	.1								1.7	6.9
NNE	.3	.6	1.2	.1								2.3	7.0
NE	.2	1.0	.9	.1								2.2	6.5
ENE	.2	1.5	3.1	.6	.1							5.6	7.8
E	.9	3.9	9.8	1.5								16.0	7.8
ESE	1.0	3.6	11.9	2.2								18.6	7.8
SE	.9	3.7	11.2	5.0								20.8	8.6
SSE	.4	1.8	6.2	3.4	.1							12.1	9.0
S	.2	1.0	3.1	.6	.1							5.1	8.5
SSW	.3	1.0	.8	.3	.2							2.6	8.5
SW	.1	.4	.6									1.2	6.4
WSW	.1	.8	2.2	.3	.1							3.4	8.2
W	.5	.6	1.6	.5								3.3	7.5
WNW	.3	.4	.2	.2								1.2	6.4
NW	.1	.1	.4									.6	6.8
NNW	.2	.2	.3	.2								1.0	7.3
VARBL													
CALM												2.5	
	6.0	21.3	56.3	15.3	.6							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 66-76 (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	.9	.1									1.2	6.7
NNE	.2	.5		.1								.9	5.1
NE	.5	.8	.2									1.8	4.3
ENE	1.2	1.4	1.2									3.8	5.1
E	1.4	3.4	2.7	.2								7.5	5.8
ESE	2.3	4.2	2.9	.4								9.8	5.6
SE	3.3	4.9	4.6	.3								13.2	5.6
SSE	1.8	6.3	7.8	1.1								17.1	6.6
S	3.4	5.9	5.7	1.3								16.3	6.2
SSW	.9	1.6	1.9	.2								4.6	6.0
SW	.4	1.3	.4	.5								2.7	6.2
WSW	1.0	1.2	1.2	.5	.1							4.0	6.7
W	.9	1.9	1.1		.1							4.0	5.6
WNW	.5	.8	.3	.1	.1							1.8	6.1
NW	.6	.3										1.1	3.2
NNW	.4	.5		.1								1.1	4.3
VARBL													
CALM												9.1	
	19.4	36.0	30.3	4.9	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

069

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12862 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.2										.9	3.1
NNE	.5	.2										.8	3.0
NE	.8	.3	.1									1.2	3.6
ENE	.2	.9	.6	.1								1.8	6.2
E	2.7	3.8	1.3	.2								8.0	4.8
ESE	3.9	4.2	.9									8.9	4.0
SE	2.7	2.6	1.0									6.2	4.4
SSE	2.3	5.4	3.2									10.9	5.4
S	4.7	8.4	3.7	.6								17.4	5.2
SSW	3.5	4.5	1.5	.2								9.8	4.6
SW	2.0	2.7	.4	.1								5.3	4.3
WSW	1.2	1.6	1.1	.1								4.0	5.2
W	2.6	2.7	.5									5.8	4.1
WNW	.9	.5										1.4	3.2
NW	.3	.1	.1									.8	3.1
NNW	.9	.2										1.1	2.6
VARBL													
CALM												15.9	
	30.0	38.3	16.6	1.4								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (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	.7	.5	.3	.1								1.5	4.6
NNE	.6	.5	.4	.1								1.6	5.2
NE	.4	.8	.5	.1								1.8	5.6
ENE	.5	1.3	1.6	.3	.0							3.7	6.7
E	1.5	3.7	4.0	.6								9.7	6.4
ESE	1.7	3.0	3.7	.7								9.1	6.3
SE	1.6	2.6	4.0	1.3	.0							9.5	6.9
SSE	1.4	3.5	4.2	1.0	.0							10.1	6.7
S	3.1	5.5	3.5	.5	.0							12.7	5.6
SSW	2.8	3.8	1.2	.1	.0							7.9	4.6
SW	1.8	2.4	1.2	.3								5.7	5.1
WSW	1.5	2.1	1.6	.2	.0							5.3	5.5
W	1.7	2.4	1.2	.1	.0							5.5	5.2
WNW	.7	.7	.4	.1	.0							1.9	4.9
NW	.6	.4	.2									1.2	4.1
NNW	.7	.4	.1	.0								1.2	3.9
VARBL													
CALM												11.7	
	21.2	33.6	28.1	5.3	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 7439

020

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12809 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) AUG (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	1.1	.5		.1								1.7	3.8
NNE	.3	.2										.5	2.8
NE	.4	.4										.9	3.5
ENE	1.8	1.1	.2	.1								3.2	3.9
E	3.3	3.3	1.4	.2								8.3	4.7
ESE	5.4	5.2	1.3									11.8	4.1
SE	4.3	3.4	.2	.1								8.1	3.6
SSE	3.1	5.0	.5									8.6	3.9
S	7.3	5.9	1.3	.1								14.6	3.8
SSW	2.5	2.9	.6	.1								6.1	4.0
SW	1.4	1.8	.6									3.9	4.5
WSW	2.2	1.1	.4									3.7	3.6
W	1.6	1.3										2.9	3.3
WNW	1.2	.2										1.4	2.9
NW	.5	.3	.1									1.0	4.0
NNW	1.1	.5										1.6	3.1
VARBL													
CALM												21.6	
	37.6	33.3	6.8	.8								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 66-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	.4										2.5	3.0
NNE	1.1	.8										1.8	3.1
NE	1.1	.4	.1									1.6	3.3
ENE	1.4	1.1		.1								2.6	3.8
E	2.8	3.9	.4	.1								7.2	4.1
ESE	4.3	4.7	.2									9.2	3.7
SE	2.7	2.7	.1	.1								5.6	3.8
SSE	3.1	2.3	1.2									6.6	4.2
S	5.4	4.0	.6	.1								10.2	3.7
SSW	3.4	3.7	.4									7.5	3.7
SW	3.5	1.6	.5									5.7	3.6
WSW	1.5	1.0	.4									2.9	3.9
W	2.7	.9										3.5	2.8
WNW	1.2	.8										1.9	3.3
NW	1.6	.9										2.5	2.9
NNW	2.8	.3										3.1	2.6
VARBL													
CALM												25.5	
	40.6	29.2	4.2	.4								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

071

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12866 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.1	.1									3.8	3.0
NNE	2.2	.4	.1									2.7	2.9
NE	2.0	.4	.0	.1								3.2	4.2
ENE	2.9	1.5	.9	.1								5.4	4.0
E	3.3	3.8	2.0	.5								9.7	5.1
ESE	3.3	2.6	.8	.2								6.9	4.3
SE	1.7	1.8	1.4									4.9	4.9
SSE	2.0	2.5	.4	.1								5.1	4.3
S	3.4	3.4	1.7	.4								9.0	4.9
SSW	3.4	3.2	.8									7.4	3.9
SW	1.6	1.5	1.1									4.2	4.7
WSW	1.4	1.5	.9									3.8	4.9
W	1.9	1.1	.4									3.4	3.9
WNW	1.1	.4	.2									1.7	3.7
NW	1.0	.4	.1									1.5	3.4
NNW	2.2	1.1	.1									3.3	3.4
VARBL													
CALM												24.0	
	36.1	26.8	11.6	1.5								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 — STATION — KSC SHUTTLE APT FL — STATION NAME — 64-78 — YEARS — AUG — MONTH

ALL OF THE — 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	.6	1.0	1.6	.2								3.4	6.4
NNE	1.0	1.8	1.6									4.4	5.6
NE	.5	2.8	1.6									5.1	5.6
ENE	1.4	3.2	2.8	.5								8.0	6.2
E	1.0	5.9	7.3	1.3								15.5	7.0
ESE	.9	4.6	4.7	.5								10.8	6.6
SE	.2	2.3	4.2	.5								7.2	7.4
SSE	.6	2.9	5.4	.6								9.6	7.1
S	1.0	3.8	6.0	1.2								11.9	7.2
SSW	.5	1.8	1.5	.2								4.1	6.1
SW	.6	2.3	2.0	.4								5.4	6.4
WSW	.3	1.8	1.5	.2								3.9	6.6
W	1.0	1.3	1.2	.1								3.5	5.5
WNW	.6	.9	.3									1.8	5.0
NW	.5	.9	.2									1.6	4.4
NNW	.5	.8	.5									1.8	5.2
VARBL													
CALM												2.0	
	11.5	38.0	42.6	8.9								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

072

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12862 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (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	.1	.6	1.2	1.3								3.5	9.0
NNE		.9	2.0	.5								3.4	7.6
NE	.4	1.3	4.0	.1								6.5	7.3
ENE	.3	3.7	5.5	1.4								10.9	7.7
E	.4	6.3	17.4	1.6								26.0	7.8
ESE	.1	2.8	8.7	1.4								13.0	8.1
SE	.3	2.7	7.8	1.2	.1							12.2	8.0
SSE	.4	1.5	5.8	3.1	.1							11.0	9.2
S	.1	1.8	2.7	.5	.1							5.3	7.7
SSW	.1	.3	.6	.1								1.2	7.5
SW	.1	.3	.8	.6								1.8	8.9
WSW	.2	.1	1.2	.8								2.3	9.4
W	.2	.6	.3	.1								1.3	6.1
WNW		.2		.2								.4	9.8
NW		.2	.1									.3	6.3
NNW		.1										.1	5.0
VARBL													
CALM												.9	
	2.9	23.5	59.1	13.2	.3							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 (STATION) KSC SHUTTLE APT FL (STATION NAME) 65-78 (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	.3	.3	.9	.6								2.2	6.6
NNE	.4	1.4	.9	.3								3.0	6.2
NE	.6	1.1	1.3	.2								3.2	6.3
ENE	.4	2.5	5.8	.5								9.2	7.4
E	1.3	6.6	18.3	2.0								28.2	7.7
ESE	.6	2.7	9.7	1.5								14.6	8.1
SE	.8	1.9	10.9	2.6								16.1	8.3
SSE	.4	1.3	4.2	1.8	.1							7.8	8.7
S	1.0	.8	.5	.9	.1							3.2	7.5
SSW	.1	.3	.5	.4								1.3	7.8
SW		.2	.4	.2								.9	8.9
WSW	.1	.5	.6	.6								1.9	8.6
W	.8	.4	1.0	.3	.1	.1						2.7	7.9
WNW	.1	.5	.3	.3								1.3	7.2
NW	.2	.6										.9	4.5
NNW	.2	.1	.3	.2								.9	7.4
VARBL													
CALM												2.6	
	7.5	21.3	55.6	12.6	.3	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

073

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.4									3.1	5.7
NNE	1.0	.6	.2									1.8	3.8
NE	.5	.8	.3									1.6	5.0
ENE	1.5	1.6	1.5									4.6	5.3
E	4.8	9.9	4.5	.3								19.6	5.2
ESE	4.0	7.9	3.7	.3								16.5	4.9
SE	2.9	7.8	2.5	.2								13.3	5.1
SSE	2.0	5.4	2.5	.2								10.1	5.5
S	1.2	3.0	1.8	.1	.1							6.2	5.9
SSW	.6	2.0	.5									3.2	4.7
SW	.3	.1	.5	.2								1.5	6.1
WSW	.5	.9	.9	.1								2.4	6.0
W	.6	1.1	.3	.2	.2							2.5	6.6
WNW	.3	.1	.1									.5	3.8
NW	.3	.3				.1						.8	6.4
NNW	.1	.3		.1								.5	5.6
VARBL													
CALM												11.6	
	22.6	42.8	20.7	1.8	.3	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

128[illegible] (STATION) K.C SHUTTLE APT FI (STATION NAME) [illegible]-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	.3		.4							2.2	4.4
NNE	1.3	.8			.1							2.2	3.9
NE	.1	.3										.4	3.5
ENE	1.0	1.0	.6									2.7	4.7
E	5.3	5.5	1.6	.3								12.7	4.4
ESE	7.7	6.7	1.5	.2								16.1	4.0
SE	4.1	5.3	1.0									10.3	4.1
SSE	3.4	6.2	.9									10.9	4.2
S	2.3	4.4	2.2	.3								9.9	5.0
SSW	2.3	2.3	.2									5.4	3.5
SW	1.1	1.1	.3	.1								2.6	4.2
WSW	1.4	.8	.3	.1								2.6	4.4
W	1.2	.3										1.5	3.1
WNW	.5	.4	.1									1.1	3.7
NW	.4	.4										.9	3.4
NNW	.5	.5	.2									1.3	4.3
VARBL													
CALM												17.4	
	35.2	36.6	9.4	1.3	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12862 (STATION) KSC SHUTTLE APT FL (STATION NAME) 60-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.7	.7	.3	.0							2.8	5.6
NNE	.9	.9	.6	.1	.0							2.5	5.1
NE	.7	.9	1.1	.1								2.8	5.7
ENE	1.3	1.9	2.2	.3								5.8	6.1
E	2.3	5.6	6.6	.4								15.9	6.3
ESE	3.4	4.6	3.8	.5								12.6	5.6
SE	2.1	3.5	3.5	.6	.0							9.7	6.0
SSE	1.9	3.4	2.6	.7	.0							8.7	6.1
S	2.8	3.4	2.1	.5	.0							8.8	5.3
SSW	1.7	2.1	.7	.1								4.5	4.4
SW	1.1	1.1	.8	.2								3.2	5.2
WSW	1.0	1.0	.8	.2								2.9	5.6
W	1.3	.9	.4	.1	.0	.0						2.7	6.8
WNW	.6	.4	.1	.1								1.3	4.4
NW	.6	.5	.1			.0						1.2	3.9
NNW	.9	.5	.1	.0								1.6	3.9
VARBL													
CALM												13.2	
	24.3	31.6	26.2	4.7	.1	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 — KSC SHUTTLE APT FL — 69-78 — SEP
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0000-0200
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.9	.4									2.7	3.9
NNE	.9	.7	.4	.2								2.2	5.2
NE	.7	1.0	1.3	.4								3.4	6.5
ENE	1.6	1.1	1.2	.4								4.3	5.8
E	5.1	7.1	3.1	.9								16.2	5.1
ESE	4.0	8.2	1.7	.4								14.9	4.6
SE	4.7	3.3	.6									8.6	3.6
SSE	2.4	2.6	.6	.3								5.9	4.7
S	2.2	1.8	1.4									5.4	4.7
SSW	2.0	1.7	.3									4.0	3.9
SW	2.0	1.2	.4									3.7	3.8
WSW	1.4	1.8	.1									3.3	3.7
W	1.9	2.0		.3								4.2	4.3
WNW	1.4	.3	.1									1.9	3.3
NW	1.0	.6	.2									2.0	3.9
NNW	.0	.9	.1									1.6	4.1
VARBL													
CALM												15.7	
	33.8	35.3	12.1	3.1								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-78 (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	2.7	1.9	.3									4.9	3.6
NNE	.8	.8	.7	.2								2.4	5.5
NE	.7	1.3	.8									2.8	5.4
ENE	.9	2.1	.8	.4								4.2	5.9
E	5.3	4.4	2.2	.4								12.4	4.6
ESE	5.2	4.7	1.9	.2								12.0	4.4
SE	2.4	1.6	.9	.2								5.1	4.5
SSE	1.8	1.6	.2	.2								3.8	4.3
S	2.0	.7	.6	.1								3.3	3.9
SSW	2.7	2.6	.1									5.3	3.6
SW	1.7	1.0	.1									2.8	3.4
WSW	2.4	1.6										4.0	3.4
W	1.9	2.3	.3	.2								4.8	4.3
WNW	1.4	.8	.2									2.4	3.5
NW	1.2	1.6	.2									3.0	4.1
NNW	2.2	1.3										3.6	3.2
VARBL													
CALM												23.1	
	35.3	30.1	9.3	2.1								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~12864~~ STATION — KSC SHUTTLE APT FL STATION NAME — ~~66-78~~ YEARS — SEP MONTH

ALL WEATHER CLASS

0600-0900 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	2.4	.4	.3								5.7	4.4
NNE	1.0	1.3	.6	.3								3.2	5.6
NE	1.0	1.8	.8	.2								3.8	5.3
ENE	2.8	2.1	1.2	.1								6.2	4.7
E	4.1	5.2	3.7	.4								13.4	5.4
ESE	3.2	3.9	2.6	.2								9.9	5.1
SE	1.6	1.0	.0	.1								3.2	4.6
SSE	.8	.7	.4	.4								2.3	6.2
S	.9	.8	.6									2.2	4.7
SSW	1.8	1.6	.4									3.8	4.0
SW	1.8	1.2	.6									3.6	3.8
WSW	1.9	1.2	.4	.1								3.7	4.2
W	3.2	2.2	.6	.1								6.1	3.8
WNW	1.9	1.2										3.1	3.3
NW	2.1	2.2	.3									4.7	3.8
NNW	1.7	2.2	.2									4.1	4.2
VARBL													
CALM												21.0	
	32.1	31.1	13.3	2.4								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 68-78 (YEARS) SEP (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	.9	1.8	2.6	.6								5.8	7.0
NNE	.7	2.8	2.0	.4								5.9	6.3
NE	.7	2.9	2.6	.7								6.8	6.8
ENE	.9	2.8	4.7	.8								8.7	7.3
E	1.7	6.3	9.2	2.0								18.8	7.4
ESE	.8	4.2	6.2	.6								12.0	7.1
SE	.7	1.8	2.3	.2								5.0	6.3
SSE	.2	2.1	1.8	.8								4.9	7.2
S	.4	2.0	1.4	.2								4.1	5.4
SSW		1.0	.8									1.8	6.0
SW	.2	1.7	1.1	.4								3.4	6.9
WSW	.1	2.6	1.4	.1								4.2	6.1
W	.9	3.3	1.3	.2								5.8	5.6
WNW	.7	1.2	.7									2.6	4.8
NW	.2	1.4	.4									2.1	5.3
NNW	.9	2.1	.9	.3								4.2	5.9
VARBL													
CALM												4.0	
	9.0	40.0	39.4	7.6								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) K.C SHUTTLE APT FL (STATION NAME) 63-76 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	3.7	1.3	.1							6.0	9.5
NNE	.2	1.4	3.4	1.3								6.4	8.1
NE	.4	3.2	6.0	.9								10.6	7.3
ENE	.7	3.2	6.9	1.3								12.1	7.7
E	.3	7.9	15.2	4.3								27.8	8.0
ESE	.6	3.7	6.2	.6								11.0	7.2
SE	.3	2.2	3.4	1.0								7.0	7.7
SSE	.2	1.4	3.1	1.3								5.8	7.9
S		.7	1.3	.2								2.2	7.6
SSW	.2	.3	.3									.9	5.9
SW		.8	.7	.2								1.7	7.2
WSW		.8	1.0	.4								2.2	8.3
W	.3	1.3	1.6									3.2	6.2
WNW	.3	.4	.6	.2								1.6	6.2
NW		.2	.1	.1								.4	7.5
NNW	.1	.1	.1	.1								.4	7.3
VARBL													
CALM												.7	
	4.0	28.4	53.7	13.1	.1							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

027

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12869 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (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	.3	.3	2.4	2.4								5.6	10.0
NNE	.4	1.7	2.7	.8	.1							5.7	7.6
NE	.1	2.7	4.4	.7								7.9	7.5
ENE	.3	3.4	7.6	1.3								12.9	7.8
E	1.2	10.4	15.3	2.9								29.9	7.2
ESE	1.4	4.4	7.4	2.1								15.4	7.4
SE	.4	2.7	3.1	1.0								7.2	7.5
SSE	.1	1.2	1.4	.4								3.2	7.3
S	.1	.9	.6	.4								2.0	7.3
SSW	.0	.6	.4	.1								1.7	5.2
SW	.1	.4	.7									1.2	6.6
WSW		.4	.7	.1								1.2	8.1
W	.2	.7	.6	.1								1.6	6.3
WNW	.1	.4	.4									1.0	5.9
NW	.1	.4										.6	4.6
NNW	.1	.6	.3	.3								1.3	8.3
VARBL													
CALM												1.7	
	5.8	31.3	48.3	12.8	.1							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12813 (STATION) KSC SHUTTLE APT FL (STATION NAME) 65-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	2.2	.3								3.9	7.1
NNE	.7	1.8	1.9	.2	.1							4.2	7.1
NE	1.3	3.0	1.4	.4								6.2	6.0
ENE	1.4	3.9	2.4	.6								8.6	6.2
E	5.4	13.1	5.9	.9								25.3	5.4
ESE	5.4	7.7	3.4	.6								17.1	5.0
SE	2.6	4.7	.8	.1								8.1	4.3
SSE	2.3	2.7	1.8	.1								6.9	5.1
S	1.0	1.8	.4	.1								3.3	4.6
SSW	.2	1.3	.2	.1								1.9	5.1
SW	.3	.8	.6									1.7	5.5
WSW	.7	.6	.1	.3								1.7	5.7
W	1.2	.4	.1	.2								2.0	4.3
WNW		.1	.3									.4	7.8
NW	.3	.7	.1									1.1	4.2
NNW	.2	.6	.7									1.4	5.9
VARBL													
CALM												6.1	
	23.9	43.2	22.4	4.2	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12866 (STATION) KSC SHUTTLE APT FL (STATION NAME) 53-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.3	.6	.4								2.6	6.1
NNE	.9	1.0	1.2	.3								3.4	6.2
NE	1.2	1.8	1.2	.6								4.8	6.1
ENE	1.6	2.0	2.4	.9								6.9	6.6
E	5.1	11.2	3.3	1.4								21.1	5.2
ESE	6.5	7.9	2.4	.3	.1							17.2	4.7
SE	3.7	3.1	.3	.1								7.2	3.9
SSE	2.0	3.3	.9	.1								6.3	4.9
S	2.7	2.1	.7	.1								5.6	4.2
SSW	2.0	2.1	.7									4.8	4.2
SW	.7	1.0	.1									1.8	3.9
WSW	.7	.6	.1	.1								1.4	4.4
W	1.4	1.9	.1	.2								3.7	4.1
WNW	.7	.7		.1								1.4	4.2
NW	.3	.2										.6	3.4
NNW	.3	1.0	.2									1.6	4.6
VARBL													
CALM												9.6	
	30.9	60.3	16.3	6.8	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12804 — KSC SHUTTLE APT FL — 66-78 — SEP

STATION — STATION NAME — YEARS — MONTH

ALL OF THE — ALL

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	1.0	.7	.0							4.6	6.7
NNE	.7	1.4	1.0	.5	.0							4.2	6.7
NE	.0	2.2	2.3	.5								5.8	6.6
ENE	1.2	2.6	3.4	.8								8.0	6.8
E	3.5	8.2	7.3	1.7								20.6	6.3
ESE	3.5	5.6	4.0	.7	.0							13.7	5.6
SE	2.0	2.5	1.5	.3								6.4	5.3
SSE	1.2	1.9	1.3	.4								4.9	5.9
S	1.2	1.3	.5	.2								3.5	5.2
SSW	1.2	1.4	.4	.0								3.0	4.3
SW	.8	1.0	.5	.1								2.5	4.9
WSW	.9	1.2	.5	.2								2.7	5.1
W	1.4	1.8	.6	.2								3.9	4.7
WNW	.8	.7	.3	.0								1.8	4.3
NW	.7	.9	.2	.0								1.8	4.3
NNW	.8	1.1	.3	.1								2.3	4.9
VARBL													
CALM												10.2	
	21.9	35.0	26.6	6.3	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 7199

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 STATION — KSC SHUTTLE APT FL STATION NAME — 69-78 YEARS — OCT 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	1.7	1.0	.3								4.5	5.3
NNE	1.2	1.4	1.3	1.4	.1							5.8	8.0
NE	1.2	1.8	1.6	2.9	.2							8.1	9.5
ENE	1.9	3.0	3.5	3.4	.3	.1						11.8	8.7
E	3.4	4.5	5.4	3.5	.1							17.0	7.2
ESE	2.6	1.6	1.3									5.5	4.5
SE	1.5	2.4	.8	.2	.1							4.9	5.4
SSE	1.5	3.0	.6									5.2	4.5
S	1.1	1.6	.8	.1								3.5	4.9
SSW	1.1	.8	.2	.2								2.3	4.6
SW	.6	1.0	.1									1.7	4.2
WSW	1.0	1.1		.2								2.3	4.2
W	2.0	3.2	.3	.1								5.7	4.2
WNW	1.1	2.4	.5									4.0	4.3
NW	1.8	1.4	.3	.3								4.3	4.8
NNW	2.0	1.9	.8	.6								5.4	5.2
VARBL													
CALM												8.1	
	25.4	32.8	18.9	13.9	.9	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 (STATION) -- KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) OCT (MONTH)

ALL WT THR (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	2.7	1.1	.5								5.8	5.5
NNE	1.6	1.4	.6	1.4	.2							5.2	7.4
NE	1.0	3.0	2.9	2.3	.1							9.3	8.0
ENE	1.5	2.2	2.2	3.3	.4							9.6	8.8
E	3.2	7.1	3.8	2.9	.1							17.1	6.6
ESE	1.3	1.1	1.0	.5	.1							4.0	6.4
SE	.6	1.0	.5	.2								2.4	5.7
SSE	.9	1.3	.3	.1								2.6	4.5
S	.3	.8	1.6	.1								2.8	6.7
SSW	1.2	1.0	.9									3.0	4.7
SW	1.3	.6										1.9	3.3
WSW	2.0	1.0	.3									3.3	3.5
W	2.8	2.8	.4									6.0	3.7
WNW	2.3	3.8	.1									6.1	3.9
NW	2.0	2.8	1.0									5.8	4.5
NNW	2.6	1.3	.9	.3								5.3	4.3
VARBL													
CALM												9.8	
	26.4	33.7	17.5	11.6	1.0							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12863 (STATION) KSC SHUTTLE APT FL (STATION NAME) 60-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0900-0900 (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	2.3	1.0	.4								5.4	5.2
NNE	.9	1.7	.8	1.9	.6							5.9	9.1
NE	.5	3.0	3.2	1.4	.2							8.7	7.6
ENE	1.1	2.6	2.7	4.4	.5							11.3	9.4
E	2.4	3.4	4.5	2.6	.1							13.2	7.5
ESE	1.3	2.0	1.0	.2								5.2	4.8
SE	.4	1.0	.2			.1						1.7	5.9
SSE	.4	.8	.5	.2								1.9	6.3
S	.3	.6	.9	.2								2.0	6.8
SSW	1.0	1.4	.6	.1								3.1	4.9
SW	1.1	.5	.3									1.9	4.2
WSW	1.2	.9										2.0	3.2
W	2.8	2.6	.6									6.0	3.9
WNW	2.0	3.9	.4									6.3	4.1
NW	3.5	3.4	1.9	.4								9.4	4.9
NNW	1.2	2.2	1.4	.3								5.1	5.0
VARBL													
CALM												10.8	
	22.8	32.3	20.1	12.5	1.5	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12858 - KSC SHUTTLE APT FL — 65-76 — OCT

STATION — STATION NAME — YEARS — MONTH

ALL OF THE — 0700-1100

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	1.2	3.9	2.2								7.8	8.4
NNE	.0	1.0	3.1	2.4	.5							8.1	10.1
NE	.5	1.3	5.5	4..	.1							12.3	10.6
ENE	.2	2.2	3.5	4.2	.5							10.6	10.1
E	1.6	3.7	6.2	5.6	.6							16.8	8.9
ESE	.5	1.8	2.0	1.0								5.4	7.6
SE	.5	.4	1.7	.9								3.5	8.1
SSE	.2	.2	.5	.4								1.4	8.2
S	.3	1.0	1.1	.6								3.0	7.7
SSW	.5	1.1	1.2	.4								3.2	6.9
SW	.3	.8	.9	.3								2.3	6.8
WSW	.3	.8	.9	.1								2.0	6.2
W	1.1	2.2	1.1	.2								4.5	5.5
WNW	.7	2.7	1.5	.2								5.3	5.8
NW	.4	2.4	2.8	.3								5.9	6.8
NNW	1.0	.6	2.7	1.4								5.7	8.3
VARBL													
CALM												2.2	
	9.1	23.1	38.6	25.5	1.5							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12008 STATION — KSC SHUTTLE APT FL STATION NAME — 69-78 YEARS — OCT 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	.4	.8	4.8	3.7	.2							9.9	10.2
NNE	.3	1.9	5.3	3.9	.3							11.7	9.6
NE		1.8	4.7	4.5	.2							11.3	9.9
ENE	.4	3.3	5.7	5.3	.8							15.5	9.6
E	.6	3.8	7.3	4.9	.3							17.0	8.9
ESE	.2	2.0	3.0	1.0								6.9	8.3
SE		1.1	1.2	1.4	.1							3.8	9.4
SSE	.1	1.3	1.3	.4								3.5	8.0
S	.2	.9	1.8	.9								3.8	8.4
SSW	.1	.4	.2	.2								1.0	6.9
SW	.1	.3	.3	.1								.9	6.9
WSW	.3	.5	1.0	.4								2.5	7.0
W	.3	.6	1.0	.5								2.5	7.6
WNW	.2	.8	1.6	.5								3.1	7.7
NW	.2	.5	1.0									1.7	6.6
NNW	.2	1.0	1.4	1.3								4.1	9.3
VARBL													
CALM												1.0	
	4.1	21.1	41.6	30.3	1.9							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12832 — KSC SHUTTLE APT FL — 63-72 — OCT
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	.5	2.2	4.7	4.[illegible]	.3							12.2	9.6
NNE	.6	3.1	5.4	3.[illegible]	.1							13.1	8.6
NE	.5	2.7	4.3	[illegible]	.4							12.5	9.5
ENE	.6	4.2	6.5	4.2	.2							15.7	8.6
E	1.2	7.4	6.6	2.[illegible]	.3							18.4	7.5
ESE	1.0	3.7	2.5	.[illegible]								7.7	6.3
SE	.6	1.7	1.3	.[illegible]								4.4	7.1
SSE	.1	1.3	1.9	.[illegible]								3.5	7.3
S	.3	.1	.9	.4								1.7	8.3
SSW		.4	.2	.1								.8	6.7
SW		.4	.1									.5	5.0
WSW	.1	.2	.2	.1								.6	7.0
W	.1	.5	1.4	.3								2.4	7.8
WNW	.1	.6	.8	.1								1.6	7.3
NW	.2	.3	.5	.1								1.2	6.4
NNW	.1	.5	.4	1.0	.2							2.3	10.3
VARBL													
CALM												1.4	
	6.2	29.5	37.6	23.7	1.6							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) OCT (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	2.9	2.2	2.9	2.6								10.5	7.3
NNE	1.6	3.3	2.3	2.0								9.2	7.9
NE	1.5	3.3	3.3	2.8								11.0	8.0
ENE	2.0	3.2	3.8	4.5	.4							14.0	8.7
E	4.4	6.3	4.5	1.8	.3							17.4	6.2
ESE	2.9	4.2	1.3	.5								8.9	5.0
SE	1.4	2.0	.5									4.0	4.3
SSE	.8	1.0	1.3	.3								3.3	5.2
S	.2	1.5	.6									2.5	5.6
SSW	.6	.6		.1								1.4	4.6
SW	.3	.2	.1									.6	3.8
WSW	.5	.5										1.1	3.2
W	.4	.6	.3									1.4	4.8
WNW		.6	.1									.8	5.3
NW	.3	.5	.2									1.5	4.1
NNW	1.4	1.6	.6	.2								3.9	5.0
VARBL													
CALM												8.5	
	21.8	31.9	22.0	14.9	.8							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12664 — STATION
KSC SHUTTLE APT FL — STATION NAME
63-78 — YEARS
OCT — MONTH
ALL RTNS — CLASS
2100-2300 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.3	2.3	1.6	.1							7.6	7.2
NNE	1.2	1.3	2.2	1.8								6.5	7.8
NE	1.7	2.2	2.2	2.5	.1							8.6	8.1
ENE	1.1	3.2	5.2	3.0	1.0							14.2	9.2
E	4.4	5.5	3.8	3.9	.2							17.7	7.0
ESE	2.8	3.4	1.9	.6								8.8	5.4
SE	2.7	2.9	1.1									6.7	4.4
SSE	.4	2.0	.6									3.1	5.0
S	1.0	1.4	1.6	.3								4.3	6.3
SSW	1.1	.4	.1									1.6	3.3
SW	.5	.3		.1								1.0	4.3
WSW	.3	.9	.1	.1								1.6	4.6
W	.8	1.9	.2									2.9	4.6
WNW	.4	.9	.1									1.4	4.6
NW	1.3	.5	.8	.2								2.8	5.3
NNW	1.5	1.7	.4	.3								4.0	4.8
VARBL													
CALM												7.2	
	23.8	29.9	22.5	15.3	1.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) UCT (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	1.8	2.7	2.0	.1							8.0	7.8
NNE	1.0	1.9	2.6	2.4	.2							8.2	9.6
NE	1.0	2.4	3.5	3.2	.2							10.2	8.8
ENE	1.0	3.0	4.1	4.1	.5	.1						12.8	9.1
E	2.6	5.2	5.3	3.5	.2							16.8	7.5
ESE	1.7	2.5	1.7	.6	.0							6.5	6.0
SE	1.0	1.6	.9	.4	.0	.0						3.9	6.1
SSE	.6	1.4	.9	.3								3.1	6.1
S	.5	1.0	1.2	.3								3.0	6.7
SSW	.7	.8	.4	.1								2.0	5.2
SW	.3	.5	.2	.1								1.4	4.8
WSW	.6	.7	.3	.1								1.9	4.7
W	1.3	1.6	.7	.1								3.9	4.8
WNW	.9	1.9	.6	.1								3.6	5.0
NW	1.3	1.5	1.1	.2								4.1	5.3
NNW	1.3	1.4	1.1	.7	.0							4.4	6.4
VARBL													
CALM												6.1	
	17.4	29.3	27.4	18.5	1.3	.0						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12865 (STATION) KSC SHUTTLE APT FL (STATION NAME) 63-78 (YEARS) 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	1.1	1.4	1.9	2.2	.1							6.8	8.3
NNE	.2	.8	1.0	.3								2.3	7.4
NE	.3	.8	1.0	.7								2.8	7.8
ENE	1.2	1.6	1.6	.8								5.1	6.3
E	1.9	3.7	4.0	1.0								10.6	6.6
ESE	1.0	2.9	1.3	.4								6.2	5.3
SE	.9	2.0	.4									3.3	4.4
SSE	1.7	2.7	.2									4.6	4.1
S	1.3	2.2	1.0	.7								5.2	5.9
SSW	1.7	1.1	.8	.2								3.8	5.0
SW	1.2	.6	.6	.1								2.4	4.8
WSW	1.6	1.1	.2									2.9	3.6
W	2.1	4.2	.8	.1								7.2	4.7
WNW	1.6	3.2	2.7	.4								7.9	5.7
NW	2.2	5.2	3.1	1.3								11.9	6.0
NNW	2.3	2.6	1.2	.8								6.9	5.6
VARBL													
CALM												10.1	
	22.9	36.0	21.8	9.1	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

084

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12809 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-78 (YEARS) JAN (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	1.3	1.6	1.9	.1							5.9	8.4
NNE	.2	1.0	.9	.2								2.3	6.7
NE	.6	1.3	1.6	.7								4.1	7.4
ENE	1.7	2.3	.6	.2								4.8	4.9
E	.1	2.8	3.0	.9								8.8	6.1
ESE	2.1	1.8	1.2	.2								5.3	4.9
SE	1.6	1.6	.6									3.7	4.3
SSE	.2	.9	.2									1.3	4.8
S	1.9	1.1	.9	.2								4.1	5.1
SSW	1.0	1.7	.3	.1								3.1	4.9
SW	1.6	1.0	.4									3.0	3.8
WSW	1.7	1.4	.4									3.6	4.0
W	2.9	4.3	1.0									8.2	4.3
WNW	2.4	3.6	1.4	.2								7.6	4.8
NW	3.2	4.7	4.8	1.8	.1							14.6	6.5
NNW	2.4	4.1	2.3	1.0								9.9	6.0
VARBL													
CALM												9.8	
	26.4	34.9	21.2	7.6	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12864 (STATION) KSC SHUTTLE APT FL (STATION NAME) 56-76 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.8	1.6	1.0								6.0	6.4
NNE	.9	.7	.6	.4								2.6	5.5
NE	.6	1.2	1.3	.2								3.6	6.3
ENE	1.7	1.7	1.5	.8								5.7	6.0
E	2.2	2.6	2.6	.4								8.0	5.7
ESE	1.4	2.2	.4	.1								4.2	4.6
SE	.3	1.4	.2									2.0	6.4
SSE	.8	1.0	.2									2.0	4.1
S	1.2	1.2	.6	.3								3.6	5.4
SSW	1.8	1.2	.8									3.8	4.2
SW	1.6	.6	.4									2.6	3.7
WSW	1.6	.7										2.2	3.2
W	2.3	1.9	.4									4.7	4.2
WNW	3.4	4.0	1.3	.2								9.0	4.7
NW	4.8	5.8	5.9	1.6	.1							18.1	6.2
NNW	2.9	4.2	2.4	1.9								11.4	6.1
VARBL													
CALM												10.7	
	29.3	32.3	20.8	6.6	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12863 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-78 (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	.9	1.9	4.8	2.7	.7	.1						11.2	9.4
NNE	.8	1.8	1.7	1.1								5.3	7.3
NE	.4	1.3	2.0	1.4								5.2	8.0
ENE	.4	1.7	2.9	2.1								7.1	8.3
E	1.0	3.1	4.3	1.1								9.6	7.3
ESE	.7	1.9	2.2	.3								5.1	6.7
SE	.4	.3	2.1	.2								3.1	7.5
SSE	.2	.6	1.2	.3								2.3	7.3
S	.4	1.7	1.7	.8								4.6	7.4
SSW	1.2	.9	1.4	1.1								4.7	7.1
SW	.9	1.1	1.8									3.8	6.2
WSW	.4	1.7	.7	.2								3.0	5.9
W	.9	1.9	1.2	.7	.1							4.8	6.5
WNW	.6	1.6	2.2	.1								4.7	6.3
NW	1.4	2.7	3.6	2.6								10.2	7.9
NNW	1.2	4.0	4.4	2.4	.2							12.3	7.8
VARBL													
CALM												3.0	
	12.2	28.0	38.2	17.4	1.0	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12843 (STATION) — KSC SHUTTLE APT FL (STATION NAME) — 63-78 (YEARS) — NOV (MONTH)

ALL WEATHER (CLASS) — 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.3	5.3	7.4	.4	.1						15.8	10.4
NNE	.7	2.0	4.1	1.9	.1							8.8	8.4
NE	.4	2.2	2.7	1.3								6.7	7.6
ENE	.4	1.0	4.0	1.8								7.2	8.5
E	.4	3.2	4.9	2.1								10.7	7.9
ESE	.6	2.1	4.0	.4								7.1	7.0
SE	.1	.8	2.3	1.0	.1							4.3	8.8
SSE	.1	1.2	3.3	1.1								5.8	8.1
S	.4	1.2	1.8	.6	.1							4.3	7.9
SSW	.1	.2	.7	.6								1.6	9.2
SW	.1	.4	2.2	.6								3.3	8.3
WSW	.2	.6	2.1	.4								3.3	7.9
W	.7	1.6	1.2	.7								4.1	6.9
WNW	.1	1.1	1.6	1.1								3.9	8.9
NW	.2	1.1	2.3	.9								4.6	8.1
NNW	.3	1.6	2.3	3.3	.3							7.9	9.9
VARBL													
CALM												.7	
	5.1	22.7	44.9	25.4	1.1	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) NOV (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	1.6	4.7	6.3	5.2	.1							17.9	8.4
NNE	.4	3.6	3.0	1.2								8.7	7.0
NE	1.3	3.0	2.0	.4								6.8	6.0
ENE	1.1	2.9	3.6	.7								8.2	6.6
E	1.6	5.6	4.3	1.6								13.1	6.4
ESE	1.4	3.8	2.4	.3								8.0	5.7
SE	1.7	2.0	1.9	.4								5.7	5.8
SSE	.4	1.3	1.6	.9								4.2	7.4
S	.3	.2	2.1	.3								3.0	8.2
SSW	.3	.8	.3									1.4	5.4
SW		.2	.8	.2								1.2	8.5
WSW	.2	1.1	.7									2.0	6.1
W	.2	1.6	1.4	.8								4.0	7.5
WNW	.1	1.2	2.0	.6								3.9	7.7
NW	.2	1.0	1.2	.3	.1							2.9	7.9
NNW	.9	1.1	2.2	1.6	.3							6.1	8.5
VARBL													
CALM												2.8	
	12.7	34.0	35.6	14.3	.6							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) – KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) NOV (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	4.6	4.0	3.7	1.7								13.9	5.5
NNE	2.1	2.7	1.1	1.1								7.0	5.9
NE	2.4	1.1	1.3	.7								5.6	5.4
ENE	1.0	1.7	1.4	1.1								6.0	6.3
E	4.4	4.1	1.8	1.6								11.3	5.1
ESE	2.0	2.0	.6	.4								5.6	4.3
SE	3.0	1.8	.8									5.6	4.1
SSE	1.6	2.4	.7	.1								4.8	4.8
S	1.0	2.3	1.1	.4								4.9	5.8
SSW	.4	.3	.7									1.4	5.6
SW	.4	.3	.4									1.2	4.8
WSW	.8	.9	.3									2.0	4.4
W	2.6	3.1	.8	.2								6.7	4.6
WNW	.7	1.3	.6	.3								3.1	5.9
NW	1.1	1.0	.8	.3		.1						3.3	6.4
NNW	1.6	2.2	1.2	.3	.1							5.7	5.3
VARBL													
CALM												12.0	
	31.2	31.3	17.7	7.0	.1	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12802 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.8	2.4	1.2								8.6	6.7
NNE	1.4	1.3	1.3	.5								4.7	6.0
NE	1.0	1.1	1.0	.9								4.0	6.6
ENE	1.4	1.4	2.0	.8								5.7	6.8
E	3.0	3.8	3.6	1.4								12.0	6.3
ESE	2.3	2.6	.6	.2								5.7	4.3
SE	2.3	1.6	.4									4.3	3.8
SSE	2.1	2.7	1.1	.2								6.1	4.4
S	1.3	1.7	1.0	.7								4.7	6.0
SSW	.6	1.1	.8	.1								2.6	5.4
SW	1.1	.6	.3									2.0	4.2
WSW	.6	.8	.1									1.4	4.4
W	2.3	3.6	2.1	.7								8.7	5.2
WNW	1.8	2.6	1.6	.8								6.7	5.6
NW	2.3	2.3	2.0	.7								7.3	5.7
NNW	2.0	1.4	1.0	.3								4.8	5.1
VARBL													
CALM												10.9	
	27.7	31.2	21.6	8.7								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

128[illegible] (STATION) KSC SHUTTLE APT FL (STATION NAME) [illegible]-78 (YEARS) [illegible] (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	1.6	2.5	3.4	3.0	.2	.0						10.9	8.1
NNE	.9	1.7	1.7	.8	.0							5.2	6.9
NE	.9	1.5	1.6	.4								4.8	6.3
ENE	1.2	1.8	2.2	1.0								6.2	6.8
E	2.1	3.6	3.6	1.2								10.5	6.4
ESE	1.6	2.4	1.6	.3								5.9	5.4
SE	1.3	1.4	1.1	.2	.0							4.0	5.4
SSE	.9	1.6	1.1	.3								3.9	5.8
S	1.0	1.5	1.3	.5	.0							4.3	6.4
SSW	.9	.9	.7	.3								2.8	5.7
SW	.9	.6	.9	.1								2.4	5.5
WSW	.9	1.0	.6	.1								2.6	5.0
W	1.4	2.8	1.1	.4	.0							6.0	5.3
WNW	1.4	2.3	1.7	.5								5.8	5.9
NW	1.9	3.0	3.0	1.2	.0	.0						9.1	6.6
NNW	1.7	2.7	2.2	1.3	.1							8.1	6.9
VARBL													
CALM												7.5	
	20.9	31.3	27.7	12.1	.4	.0						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12852 (STATION) KSC SHUTTLE APT FL (STATION NAME) 62-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.4	1.2	.6								4.1	5.8
NNE	.9	1.0	.4									2.3	4.7
NE	.6	.6	.8	.2								2.4	5.8
ENE	.6	1.1	1.3	.2	.2	.1						3.9	8.3
E	1.6	2.3	3.0	1.3								7.7	7.2
ESE	1.4	1.7	1.4	.2								4.6	5.5
SE	.9	1.6	1.2	.3								4.1	6.4
SSE	.5	2.3	1.3	.4								4.2	5.2
S	2.2	3.3	1.9	.3								7.7	5.4
SSW	1.9	3.2	1.6	1.2								7.4	6.3
SW	1.3	1.7	1.0									4.0	5.0
WSW	1.1	1.2	.4									2.7	4.2
W	2.2	4.3	1.3	.5								8.3	5.3
WNW	1.8	3.9	2.7	.9								9.2	6.1
NW	2.2	4.3	3.2	1.6								11.3	6.4
NNW	2.4	2.8	1.8	.3								7.3	5.3
VARBL													
CALM												8.2	
	21.0	37.3	24.5	8.7	.2	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12BEE — KSC SHUTTLE APT FL — 59-78 — DEC
STATION — STATION NAME — YEARS — MONTH

ALL WX THR
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	1.4	1.6	1.0	1.4								5.4	6.6
NNE	.1	.5										.6	4.7
NE	.3	.9	.5									1.8	5.4
ENE	.6	.9	.6	.4	.2							2.9	7.4
E	.8	2.6	3.0	1.6								8.0	7.4
ESE	1.5	1.5	1.4	.5								4.9	5.8
SE	.5	.6	.9	.5								2.5	6.0
SSE	.4	1.7	1.5	.8								4.3	7.0
S	1.5	3.2	1.5	.8								7.0	5.9
SSW	1.7	2.4	1.2	.9								6.1	6.0
SW	2.2	1.3	.6	.2								4.3	4.4
WSW	1.6	.9	.1									2.8	3.5
W	3.5	3.3	.8	.4								8.1	4.4
WNW	2.4	3.7	2.3	1.0								9.9	6.0
NW	3.3	6.1	3.2	2.4	.1							15.4	6.4
NNW	1.8	3.3	2.0	.6								7.8	5.8
VARBL													
CALM												8.2	
	24.3	34.5	21.4	11.3	.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12826 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) DEC (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	.8	.3	1.1								3.5	7.2
NNE	.6	.4	.2	.2								1.5	5.5
NE	.3	.6	.2		.1							1.7	5.1
ENE	.6	1.0	1.3	.3	.2							3.4	7.7
E	.5	2.2	1.6	1.2								5.5	7.3
ESE	1.4	1.8	1.4	.2								5.2	6.0
SE	.5	1.0	.8	.4								2.7	6.7
SSE	.5	1.1	1.1	.4	.1							3.2	7.3
S	1.4	2.2	2.3	1.0								6.8	6.6
SSW	1.2	1.4	1.3	.6								4.5	6.5
SW	2.5	1.3	.5	.1								4.4	4.1
WSW	2.0	1.1	.1	.1								3.3	3.5
W	3.2	2.5	1.1	.2	.1							7.1	4.5
WNW	4.4	4.0	2.2	.5								11.1	5.0
NW	3.4	7.0	5.3	2.4								18.1	6.4
NNW	2.9	3.7	1.3	1.3								9.1	5.8
VARBL													
CALM												8.8	
	27.1	31.8	21.5	10.2	.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12806 (STATION) KSC SHUTTLE APT FL (STATION NAME) 57-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.8	3.9	2.0								8.7	3.3
NNE	.2	.6	1.1	.8								3.0	7.2
NE		.3	.0	.4								1.4	6.8
ENE	.1	.3	2.2	1.0		.1						3.7	9.6
E	.6	1.1	3.4	1.3	.2							6.7	8.3
ESE	.1	.6	2.5	1.0								4.2	8.5
SE	.6	1.3	1.8	.7								4.6	7.2
SSE	.4	1.0	1.5	1.2								4.1	8.4
S	1.2	1.7	4.2	2.5								9.6	8.3
SSW	.3	.9	1.4	1.1	.1							3.8	8.9
SW	.6	1.6	1.7	.4								4.4	6.9
WSW	.5	2.4	.6	.4								4.0	5.9
W	1.3	1.8	2.2	1.1	.1							6.5	7.2
WNW	.9	1.5	1.9	2.2	.1	.1						6.7	8.6
NW	1.3	2.9	6.7	2.8								13.7	7.9
NNW	1.5	3.1	3.9	2.3	.5							11.3	7.9
VARBL													
CALM												3.9	
	11.1	23.0	39.6	21.2	1.1	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 69-78 YEARS | DEC MONTH

ALL WEATHER CLASS | 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.5	5.2	5.4	.4	.3						14.1	10.0
NNE	.3	1.6	2.4	1.0								5.3	7.0
NE	.5	.9	.9	.6								2.9	7.5
ENE	.4	1.7	2.3	.4	.1							4.9	7.4
E	.4	1.9	3.7	1.2	.3							7.5	8.3
ESE		1.3	2.5	1.3								5.1	8.7
SE	.1	.6	2.6	1.6								4.9	9.2
SSE	.2	1.1	4.5	2.6								8.6	9.3
S	.6	2.0	3.9	2.6	.1							8.7	8.4
SSW	.5	.6	2.5	1.2	.2							5.1	9.0
SW	.1	.5	1.5	1.3	.1							3.5	9.5
WSW	.1	1.5	1.3	.5								3.4	7.6
W	.1	1.2	1.6	2.4	.2							5.5	10.1
WNW	.2	1.5	2.6	2.0								6.3	8.8
NW	.1	1.0	2.5	1.2								4.7	8.6
NNW	.3	1.4	2.6	3.9	.1							8.5	9.9
VARBL													
CALM												.9	
	4.5	21.4	42.5	28.8	1.6	.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) DEC (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	1.2	2.2	6.8	3.9	.4							14.4	9.1
NNE	1.1	2.9	1.7	.5								6.2	6.1
NE	1.1	2.2	.5									3.8	4.6
ENE	.6	1.7	1.5	.2	.5							4.6	7.6
E	2.0	2.8	2.7	1.3	.1							8.9	6.8
ESE	.9	2.4	3.4	.4								7.1	6.7
SE	1.3	3.8	3.7	.6								9.4	6.5
SSE	.1	3.3	4.1	1.7								9.2	8.0
S	.2	1.8	1.6	1.0								4.6	7.6
SSW	.1	.4	1.3	.3								2.2	8.3
SW	.2	.4	1.0	.3	.2							2.2	9.1
WSW	.2	.6	1.3	.2								2.4	7.5
W	1.1	1.3	2.7	1.7	.2							7.0	8.2
WNW	.4	1.6	2.0	.6								4.7	7.6
NW	.2	1.3	1.1	.5								3.1	7.5
NNW	1.2	3.0	2.7	1.2	.1							8.2	7.3
VARBL													
CALM												2.0	
	11.9	31.7	38.1	14.6	1.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

061

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (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	3.2	2.9	3.2	.0								10.1	5.6
NNE	1.6	1.4	.9	.6								4.5	6.0
NE	1.2	1.5	.1	.3								3.7	5.3
ENE	2.0	1.1	1.1	.4	.3							5.0	6.3
E	1.9	2.3	2.7	1.1	.1							8.1	6.7
ESE	1.2	4.3	1.9	.3								7.8	5.2
SE	1.9	3.0	1.6	.2								6.5	5.2
SSE	1.1	3.4	3.2	1.0								8.7	6.5
S	1.0	1.5	2.3	.1								4.8	5.7
SSW	.3	1.5	1.3	.3								3.4	6.7
SW		.4	.9	.2								1.5	7.9
WSW	.1	.5	.5	.1								1.3	6.6
W	.9	2.9	1.5	.2								5.5	5.7
WNW	2.0	1.8	1.2	.4								5.5	5.1
NW	1.7	2.4	2.9									7.0	5.7
NNW	1.6	3.7	.8	.2								6.2	4.8
VARBL													
CALM												10.3	
	22.2	34.7	25.8	6.6	.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12883 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.5	1.2	.6								6.5	5.5
NNE	1.1	.8	.9	.4								3.1	5.9
NE	1.0	1.1	.5	.5								3.1	6.1
ENE	.9	1.1	.4	1.4	.2	.1						4.1	8.8
E	1.2	2.2	3.3	.6	.1							7.5	6.7
ESE	1.5	3.3	1.4	.1	.1							6.9	5.6
SE	.8	3.1	.8	.6								5.3	5.7
SSE	1.3	2.5	2.3	.3								6.4	5.9
S	1.7	4.0	2.7	.9	.1							9.4	6.3
SSW	.5	.9	1.6	.2								3.5	7.0
SW	1.1	1.7	.9	.4								4.1	5.7
WSW	.5	1.4	.5									2.5	5.0
W	1.8	2.6	1.9	.4								6.8	5.6
WNW	2.2	2.8	2.4	.6	.1							8.2	6.2
NW	2.1	3.9	1.7	1.0								8.6	5.8
NNW	1.1	1.9	1.4									4.4	5.3
VARBL													
CALM												9.6	
	20.8	35.7	24.6	8.4	.6	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 926

092

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 62-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.0	2.9	2.0	.1	.0						8.4	7.9
NNE	.8	1.2	.9	.4								3.4	6.3
NE	.7	1.0	.5	.3	.0							2.6	5.9
ENE	.6	1.1	1.3	.6	.2	.0						4.1	7.8
E	1.1	2.2	3.0	1.2	.1							7.5	7.4
ESE	1.0	2.1	2.0	.6	.0							5.7	6.4
SE	.8	1.9	1.7	.6								5.0	6.6
SSE	.6	2.0	2.4	1.1	.0							6.1	7.4
S	1.2	2.5	2.5	1.1	.0							7.3	6.9
SSW	.8	1.4	1.5	.7	.0							4.5	7.2
SW	1.0	1.1	1.0	.4	.0							3.6	6.2
WSW	.8	1.2	.6	.2								2.8	5.4
W	1.8	2.5	1.6	.9	.1							6.8	6.2
WNW	1.8	2.6	2.2	1.0	.0	.0						7.7	6.5
NW	1.8	3.6	3.3	1.5	.0							10.2	6.7
NNW	1.6	2.9	2.1	1.2	.1							7.9	6.7
VARBL													
CALM												6.5	
	17.9	31.3	29.7	13.7	.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 60-79 (YEARS) ALL (MONTH)

ALL #F THEF (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	1.4	1.9	1.6	.1	.0						6.2	7.9
NNE	.7	1.1	1.3	.7	.0	.0						3.9	7.3
NE	.0	1.3	1.3	.5	.0							3.8	6.8
ENE	.9	1.6	2.0	.8	.1	.0						5.4	7.2
E	1.8	3.7	4.4	1.5	.0	.0						11.5	6.9
ESE	1.7	2.9	3.1	.8	.0							8.6	6.4
SE	1.4	2.3	2.4	.9	.0	.0						7.0	6.6
SSE	1.1	2.3	2.6	1.4	.0							7.4	7.3
S	1.6	2.6	2.4	1.1	.1	.0	.0					7.8	6.7
SSW	1.2	1.7	1.0	.5	.0	.0						4.4	6.0
SW	1.0	1.2	1.0	.5	.0	.0						3.7	6.3
WSW	.9	1.3	.9	.4	.0	.0						3.6	6.3
W	1.5	2.1	1.2	.7	.1	.0	.0					5.6	6.2
WNW	1.0	1.4	1.0	.5	.1	.0						4.0	6.4
NW	1.1	1.7	1.4	.7	.0	.0						4.9	6.5
NNW	1.1	1.6	1.2	.9	.1							4.9	6.8
VARBL													
CALM												7.5	
	18.8	30.1	29.2	13.5	.8	.1	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 87607

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-79 (YEARS) ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 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	2.6	5.3	4.9	.3							14.4	9.0
NNE	.4	.5	.8	.5		.1						2.3	8.2
NE	.4	.5	.5	.3								1.7	7.6
ENE	.1	.4	.4	.3								1.1	8.0
E	.5	.7	.7	.6								2.5	7.4
ESE	.2	.4	.5	.4	.2							1.7	8.9
SE	.4	.3	.5	.2	.0							1.5	7.3
SSE	.3	.5	.2	.4								1.4	7.1
S	1.1	.8	1.4	1.6	.0	.0						5.0	8.4
SSW	.6	1.2	1.3	1.6								4.9	8.2
SW	1.0	1.4	1.7	.9	.0	.0						5.2	7.3
WSW	1.2	1.9	2.0	.8	.0							5.9	6.7
W	2.4	3.4	1.7	1.2	.1	.1						9.0	6.4
WNW	2.3	2.3	1.7	1.2	.2	.0						7.8	6.8
NW	1.9	2.5	3.4	1.7		.1						9.6	7.3
NNW	2.2	4.1	4.9	5.6	.5							17.3	8.6
VARBL													
CALM												8.8	
	16.3	23.5	27.1	22.1	1.6	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2118

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≤ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 70-79 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥1	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	52.6	58.6	59.2	59.6	60.3	60.3	60.6	60.6	60.6	61.2	61.2	61.2	62.1	62.1	62.4	62.4
≥ 20000	58.7	64.8	65.4	66.0	66.6	66.6	67.2	67.2	67.2	67.8	67.8	67.8	68.7	68.7	69.0	69.0
≥ 18000	59.0	65.1	65.8	66.3	67.0	67.0	67.5	67.5	67.5	68.1	68.1	68.1	69.0	69.0	69.3	69.3
≥ 16000	59.8	66.1	66.7	67.3	67.9	67.9	68.5	68.5	68.5	69.1	69.1	69.1	70.0	70.0	70.3	70.3
≥ 14000	60.8	67.1	67.8	68.4	69.0	69.0	69.5	69.5	69.5	70.2	70.2	70.2	71.0	71.0	71.4	71.4
≥ 12000	61.9	68.2	69.0	69.5	70.2	70.2	70.7	70.7	70.7	71.4	71.4	71.4	72.2	72.2	72.6	72.6
≥ 10000	64.7	71.4	72.1	72.7	73.3	73.3	73.8	73.8	73.8	74.5	74.5	74.5	75.3	75.3	75.7	75.7
≥ 9000	65.8	73.2	74.0	74.5	75.1	75.1	75.7	75.7	75.7	76.3	76.3	76.3	77.2	77.2	77.5	77.5
≥ 8000	67.2	74.9	75.7	76.2	76.9	76.9	77.4	77.4	77.4	78.0	78.0	78.0	78.9	78.9	79.2	79.2
≥ 7000	68.2	76.1	76.9	77.4	78.0	78.0	78.6	78.6	78.6	79.2	79.2	79.2	80.1	80.1	80.4	80.4
≥ 6000	68.7	76.7	77.5	78.0	78.7	78.7	79.2	79.2	79.2	79.9	79.9	79.9	80.7	80.7	81.1	81.1
≥ 5000	70.1	78.7	79.4	80.0	80.7	80.7	81.3	81.3	81.3	81.9	81.9	81.9	82.8	82.8	83.1	83.1
≥ 4500	72.3	81.5	82.2	82.8	83.5	83.5	84.1	84.1	84.1	84.7	84.7	84.7	85.6	85.6	85.9	85.9
≥ 4000	73.0	82.6	83.3	83.9	84.7	84.7	85.3	85.3	85.3	85.9	85.9	85.9	86.8	86.8	87.1	87.1
≥ 3500	75.1	85.1	85.9	86.4	87.4	87.4	87.9	87.9	87.9	88.6	88.6	88.6	89.5	89.5	89.8	89.8
≥ 3000	76.9	87.3	88.2	88.7	89.9	89.9	90.4	90.4	90.4	91.1	91.1	91.1	91.9	91.9	92.2	92.2
≥ 2500	78.1	89.0	89.9	90.4	91.6	91.6	92.1	92.1	92.1	92.8	92.8	92.8	93.6	93.6	94.0	94.0
≥ 2000	79.5	91.5	92.4	92.9	94.1	94.1	94.6	94.6	94.6	95.3	95.3	95.3	96.1	96.1	96.4	96.4
≥ 1800	80.0	92.1	93.0	93.5	94.7	94.7	95.3	95.3	95.3	95.9	95.9	95.9	96.8	96.8	97.1	97.1
≥ 1500	80.2	92.5	93.3	93.9	95.2	95.2	95.7	95.7	95.7	96.3	96.3	96.3	97.2	97.2	97.5	97.5
≥ 1200	80.6	92.9	93.8	94.3	95.6	95.6	96.1	96.1	96.1	96.8	96.8	96.8	97.6	97.6	98.0	98.0
≥ 1000	80.7	93.0	94.0	94.5	95.8	95.8	96.3	96.3	96.3	97.0	97.0	97.0	97.8	97.8	98.2	98.2
≥ 900	80.7	93.2	94.2	94.7	96.0	96.0	96.6	96.6	96.6	97.2	97.2	97.2	98.1	98.1	98.4	98.4
≥ 800	80.7	93.2	94.2	94.7	96.0	96.0	96.6	96.6	96.6	97.2	97.2	97.2	98.1	98.1	98.4	98.4
≥ 700	80.7	93.2	94.2	94.7	96.0	96.0	96.6	96.6	96.6	97.2	97.2	97.2	98.1	98.1	98.4	98.4
≥ 600	80.7	93.6	94.6	95.2	96.4	96.4	97.0	97.0	97.0	97.6	97.6	97.6	98.5	98.5	98.8	98.8
≥ 500	80.7	94.0	94.9	95.5	96.8	96.8	97.3	97.3	97.3	98.0	98.0	98.0	98.8	98.8	99.1	99.1
≥ 400	80.7	94.3	95.4	95.9	97.2	97.2	97.7	97.7	97.7	98.4	98.4	98.4	99.2	99.2	99.6	99.6
≥ 300	80.7	94.3	95.4	95.9	97.2	97.2	97.7	97.7	97.7	98.4	98.4	98.4	99.2	99.2	99.6	99.6
≥ 200	80.7	94.3	95.4	95.9	97.2	97.2	97.7	97.7	97.7	98.5	98.5	98.5	99.4	99.4	99.7	99.7
≥ 100	80.7	94.3	95.4	95.9	97.2	97.2	97.7	97.7	97.7	98.5	98.5	98.5	99.4	99.4	99.7	99.7
≥ 0	80.7	94.3	95.4	95.9	97.2	97.2	97.7	97.7	97.7	98.5	98.6	98.6	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-74 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	46.5	54.9	55.5	56.6	57.4	57.4	57.5	57.8	57.8	59.0	59.0	59.0	60.0	60.0	60.3	60.3
≥ 20000	54.3	63.1	63.9	65.2	66.2	66.2	66.3	66.6	66.6	67.9	67.9	67.9	68.9	68.9	69.2	69.2
≥ 18000	54.3	63.1	63.9	65.2	66.2	66.2	66.3	66.6	66.6	67.9	67.9	67.9	68.9	68.9	69.2	69.2
≥ 16000	54.8	63.8	64.7	66.0	67.0	67.0	67.1	67.4	67.4	68.7	68.7	68.7	69.6	69.6	70.0	70.0
≥ 14000	55.4	64.5	65.3	66.6	67.6	67.6	67.7	68.0	68.0	69.3	69.3	69.3	70.3	70.3	70.6	70.6
≥ 12000	56.7	65.8	66.6	67.9	68.9	68.9	69.0	69.3	69.3	70.6	70.6	70.6	71.6	71.6	71.9	71.9
≥ 10000	59.1	68.6	69.4	70.7	71.7	71.7	71.8	72.1	72.1	73.4	73.4	73.4	74.7	74.7	75.0	75.0
≥ 9000	60.7	70.6	71.7	73.0	74.0	74.0	74.1	74.4	74.4	75.7	75.7	75.7	77.0	77.0	77.3	77.3
≥ 8000	60.9	70.8	71.9	73.2	74.2	74.2	74.3	74.6	74.6	75.9	75.9	75.9	77.2	77.2	77.5	77.5
≥ 7000	61.2	71.4	72.4	73.7	74.7	74.7	74.8	75.1	75.1	76.4	76.4	76.4	77.7	77.7	78.0	78.0
≥ 6000	61.7	72.2	73.3	74.6	75.6	75.6	75.8	76.1	76.1	77.4	77.4	77.4	78.7	78.7	79.0	79.0
≥ 5000	63.4	74.1	75.1	76.4	77.4	77.4	77.6	78.0	78.0	79.3	79.3	79.3	80.6	80.6	80.9	80.9
≥ 4500	65.4	77.1	78.3	79.5	80.5	80.5	80.7	81.2	81.2	82.5	82.5	82.5	83.7	83.7	84.1	84.1
≥ 4000	66.8	78.7	79.9	81.2	82.2	82.2	82.5	82.9	82.9	84.2	84.2	84.2	85.5	85.5	85.8	85.8
≥ 3500	68.4	80.5	81.7	83.0	84.1	84.1	84.3	84.7	84.7	86.0	86.0	86.0	87.3	87.3	87.6	87.6
≥ 3000	69.3	82.5	83.6	85.0	86.5	86.5	87.0	87.4	87.4	88.7	88.7	88.7	90.0	90.0	90.3	90.3
≥ 2500	70.1	83.3	84.6	86.1	87.6	87.6	88.1	88.5	88.5	89.8	89.8	89.8	91.1	91.1	91.4	91.4
≥ 2000	70.9	84.7	86.1	87.6	89.2	89.2	89.7	90.1	90.1	91.4	91.4	91.4	92.7	92.7	93.0	93.0
≥ 1800	71.3	85.4	86.8	88.3	89.9	89.9	90.3	90.7	90.7	92.0	92.0	92.0	93.3	93.3	93.6	93.6
≥ 1500	71.4	85.8	87.3	88.8	90.4	90.4	90.9	91.3	91.3	92.6	92.6	92.6	93.9	93.9	94.2	94.2
≥ 1200	71.6	86.2	87.7	89.3	91.0	91.0	91.4	91.8	91.8	93.1	93.1	93.1	94.4	94.4	94.7	94.7
≥ 1000	71.7	86.5	88.1	89.7	91.3	91.3	91.8	92.2	92.2	93.5	93.5	93.5	94.8	94.8	95.2	95.2
≥ 900	72.1	87.4	88.9	90.5	92.2	92.2	92.8	93.2	93.2	94.5	94.5	94.5	95.8	95.8	96.1	96.1
≥ 800	72.4	87.8	89.3	91.0	92.7	92.7	93.2	93.6	93.6	94.9	94.9	94.9	96.2	96.2	96.6	96.6
≥ 700	72.6	88.2	89.7	91.3	93.0	93.0	93.5	94.0	94.0	95.4	95.4	95.4	96.8	96.8	97.1	97.1
≥ 600	72.8	89.2	90.7	92.4	94.1	94.1	94.6	95.0	95.0	96.4	96.4	96.4	97.8	97.8	98.2	98.2
≥ 500	72.8	89.6	91.1	92.7	94.4	94.4	94.9	95.4	95.4	96.8	96.8	96.8	98.2	98.2	98.7	98.7
≥ 400	72.8	90.1	91.6	93.2	94.9	94.9	95.5	95.9	95.9	97.3	97.3	97.3	98.7	98.7	99.2	99.2
≥ 300	72.8	90.1	91.6	93.4	95.2	95.2	95.7	96.1	96.1	97.5	97.5	97.5	98.9	98.9	99.5	99.5
≥ 200	72.8	90.1	91.6	93.4	95.2	95.2	95.7	96.1	96.1	97.5	97.5	97.5	98.9	98.9	99.5	99.5
≥ 100	72.8	90.1	91.6	93.4	95.2	95.2	95.7	96.1	96.1	97.5	97.5	97.5	98.9	98.9	99.5	99.5
≥ 0	72.8	90.1	91.6	93.4	95.2	95.2	95.7	96.1	96.1	97.5	97.5	97.5	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12866 (STATION) KSC SHUTTLE APT FL (STATION NAME) 10-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	<¼
NO CEILING	36.4	42.9	44.1	44.9	46.0	46.0	46.7	47.4	47.4	48.4	48.9	48.9	50.4	50.4	52.1	53.5
≥ 20000	46.3	54.1	55.3	56.2	57.7	57.7	58.4	59.3	59.3	60.4	60.9	60.9	62.9	62.9	64.8	66.4
≥ 18000	46.5	54.4	55.5	56.4	57.9	57.9	58.7	59.5	59.5	60.6	61.1	61.1	63.1	63.1	65.0	66.6
≥ 16000	47.0	55.0	56.2	57.1	58.6	58.6	59.3	60.2	60.2	61.2	61.8	61.8	63.7	63.7	65.7	67.3
≥ 14000	47.8	55.9	57.1	58.0	59.5	59.5	60.3	61.1	61.1	62.2	62.8	62.8	64.7	64.7	66.6	68.2
≥ 12000	48.8	57.1	58.2	59.2	60.7	60.7	61.5	62.3	62.3	63.4	63.9	63.9	65.9	65.9	67.9	69.5
≥ 10000	51.1	59.9	61.0	62.3	63.8	63.8	64.6	65.4	65.4	66.5	67.1	67.1	69.0	69.0	71.0	72.7
≥ 9000	52.4	61.2	62.4	63.7	65.2	65.2	66.0	66.8	66.8	67.9	68.5	68.5	70.4	70.4	72.4	74.1
≥ 8000	53.2	62.2	63.4	64.7	66.2	66.2	67.0	67.8	67.8	68.9	69.4	69.4	71.4	71.4	73.4	75.0
≥ 7000	54.1	63.4	64.6	65.9	67.4	67.4	68.1	69.0	69.0	70.1	70.6	70.6	72.6	72.6	74.6	76.2
≥ 6000	55.5	65.2	66.4	67.7	69.2	69.2	70.0	70.8	70.8	71.9	72.4	72.4	74.4	74.4	76.4	78.0
≥ 5000	56.3	66.2	67.4	68.7	70.2	70.2	70.9	71.8	71.8	72.9	73.4	73.4	75.3	75.3	77.5	79.1
≥ 4500	57.9	68.5	69.8	71.0	72.6	72.7	73.4	74.3	74.3	75.3	75.9	75.9	77.8	77.8	80.0	81.6
≥ 4000	58.6	69.2	70.5	71.8	73.3	73.4	74.2	75.0	75.0	76.1	76.6	76.6	78.6	78.6	80.7	82.3
≥ 3500	60.5	72.0	73.3	74.6	76.1	76.2	77.0	77.8	77.8	79.0	79.5	79.5	81.5	81.5	83.6	85.3
≥ 3000	61.9	74.1	75.3	76.6	78.1	78.3	79.1	80.0	80.0	81.2	81.7	81.7	83.6	83.6	85.8	87.4
≥ 2500	62.9	75.3	76.6	78.0	79.7	79.9	80.7	81.6	81.6	82.8	83.3	83.3	85.3	85.3	87.4	89.0
≥ 2000	64.2	77.2	78.5	79.9	81.6	81.8	82.6	83.6	83.6	84.8	85.4	85.4	87.3	87.3	89.5	91.1
≥ 1800	64.4	77.7	79.0	80.4	82.1	82.3	83.3	84.2	84.2	85.4	85.9	85.9	87.8	87.8	90.0	91.6
≥ 1500	65.2	79.2	80.6	82.1	83.9	84.1	85.3	86.1	86.1	87.3	87.8	87.8	89.8	89.8	91.9	93.5
≥ 1200	65.4	79.7	81.1	82.6	84.3	84.5	85.7	86.5	86.5	87.8	88.4	88.4	90.3	90.3	92.5	94.1
≥ 1000	66.0	80.2	81.6	83.2	84.9	85.1	86.3	87.3	87.3	88.6	89.1	89.1	91.1	91.1	93.2	94.8
≥ 900	66.1	80.7	82.1	83.7	85.6	85.8	87.0	87.9	87.9	89.2	89.8	89.8	91.7	91.7	93.9	95.5
≥ 800	66.4	81.1	82.5	84.1	86.0	86.2	87.4	88.4	88.4	89.7	90.2	90.2	92.1	92.1	94.3	95.9
≥ 700	66.4	81.4	82.8	84.4	86.3	86.5	87.7	88.7	88.7	90.0	90.5	90.5	92.5	92.5	94.6	96.2
≥ 600	67.0	82.3	83.7	85.4	87.3	87.5	88.7	89.7	89.8	91.1	91.6	91.6	93.5	93.5	95.7	97.3
≥ 500	67.0	82.6	84.0	85.6	87.5	87.7	88.9	89.9	90.0	91.4	91.9	91.9	93.9	93.9	96.0	98.2
≥ 400	67.0	82.8	84.4	86.1	88.2	88.4	89.7	90.7	90.9	92.2	92.8	92.8	94.7	94.7	97.5	99.1
≥ 300	67.0	82.9	84.5	86.2	88.4	88.6	89.9	91.0	91.1	92.5	93.0	93.0	94.9	94.9	97.7	99.4
≥ 200	67.0	82.9	84.5	86.2	88.4	88.6	89.9	91.0	91.1	92.5	93.0	93.0	94.9	94.9	97.7	99.5
≥ 100	67.0	82.9	84.5	86.2	88.4	88.6	89.9	91.0	91.1	92.5	93.1	93.1	95.0	95.0	97.8	99.6
0	67.0	82.9	84.5	86.2	88.4	88.6	89.9	91.0	91.1	92.5	93.1	93.1	95.0	95.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100 (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 7/8	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	42.6	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.5	47.5
≥ 20000	59.5	64.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.7	65.7
≥ 18000	59.6	64.9	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.6	65.6	65.8	65.8
≥ 16000	59.8	65.4	65.6	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.5	66.5
≥ 14000	61.0	66.9	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.7	67.7	68.0	68.0
≥ 12000	62.3	68.7	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.6	69.6	69.8	69.8
≥ 10000	64.9	71.6	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.5	72.5	72.7	72.7
≥ 9000	66.1	73.0	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.9	73.9	74.1	74.1
≥ 8000	67.7	75.3	75.5	75.7	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.3	76.3	76.6	76.6
≥ 7000	68.2	75.8	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.9	76.9	77.1	77.1
≥ 6000	69.7	77.3	77.5	77.7	77.8	77.8	77.8	77.8	77.8	78.1	78.1	78.1	78.4	78.4	78.6	78.6
≥ 5000	71.2	78.9	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7	80.0	80.0	80.2	80.2
≥ 4500	72.0	80.1	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.9	80.9	80.9	81.2	81.2	81.4	81.4
≥ 4000	73.5	81.7	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.9	82.9	83.1	83.1
≥ 3500	75.3	83.9	84.1	84.4	84.6	84.6	84.7	84.7	84.7	84.9	84.9	84.9	85.3	85.3	85.5	85.5
≥ 3000	77.5	86.2	86.5	86.8	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.7	87.7	88.0	88.0
≥ 2500	77.8	87.1	87.3	87.6	87.8	87.8	88.1	88.1	88.1	88.3	88.3	88.3	88.6	88.6	88.8	88.8
≥ 2000	78.4	88.0	88.2	88.5	88.8	88.8	89.0	89.0	89.0	89.2	89.2	89.2	89.6	89.6	89.8	89.8
≥ 1800	78.4	88.2	88.4	88.7	89.0	89.0	89.4	89.4	89.4	89.6	89.6	89.6	89.9	89.9	90.1	90.1
≥ 1500	79.1	89.1	89.6	89.9	90.2	90.2	90.5	90.5	90.5	90.8	90.8	90.8	91.1	91.1	91.3	91.3
≥ 1200	80.1	90.6	91.2	91.5	91.8	91.8	92.2	92.2	92.2	92.4	92.4	92.4	92.7	92.7	92.9	92.9
≥ 1000	80.6	91.7	92.4	92.8	93.1	93.1	93.4	93.4	93.4	93.7	93.7	93.7	94.0	94.0	94.2	94.2
≥ 900	80.9	91.9	92.8	93.3	93.8	93.8	94.1	94.1	94.1	94.3	94.3	94.3	94.6	94.6	94.8	94.8
≥ 800	81.0	92.6	93.4	94.0	94.6	94.6	95.1	95.1	95.1	95.3	95.3	95.3	95.6	95.6	95.8	95.8
≥ 700	81.1	93.2	94.2	94.7	95.4	95.4	95.8	95.8	95.8	96.0	96.0	96.0	96.3	96.3	96.6	96.6
≥ 600	81.5	94.2	95.5	96.0	96.7	96.7	97.1	97.1	97.2	97.5	97.5	97.5	97.8	97.8	98.1	98.1
≥ 500	81.5	94.3	95.7	96.2	96.9	96.9	97.3	97.3	97.5	97.8	97.8	97.8	98.2	98.2	98.4	98.4
≥ 400	81.5	94.4	95.8	96.5	97.1	97.1	97.5	97.5	97.7	98.1	98.2	98.2	98.8	98.8	99.0	99.0
≥ 300	81.6	94.7	96.1	96.8	97.4	97.4	97.8	97.8	98.1	98.4	98.5	98.5	99.2	99.2	99.5	99.5
≥ 200	81.6	94.7	96.1	96.8	97.4	97.4	97.8	97.8	98.1	98.5	98.8	98.8	99.6	99.6	99.8	100.0
≥ 100	81.6	94.7	96.1	96.8	97.4	97.4	97.8	97.8	98.1	98.5	98.8	98.8	99.6	99.6	99.8	100.0
≥ 0	81.6	94.7	96.1	96.8	97.4	97.4	97.8	97.8	98.1	98.5	98.8	98.8	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	67.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	68.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	68.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	69.6	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 12000	71.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	73.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	74.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	75.6	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
≥ 7000	76.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	77.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	78.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	79.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	80.3	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	83.1	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	85.1	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	86.9	90.9	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	88.2	92.4	92.7	92.8	92.8	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	88.3	92.7	93.0	93.1	93.1	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	88.6	93.2	93.8	94.0	94.0	94.0	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	89.1	94.2	94.8	95.2	95.2	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	89.5	95.3	95.9	96.2	96.2	96.2	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	89.8	95.9	96.6	96.9	96.9	96.9	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	90.1	96.3	97.0	97.3	97.3	97.3	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	90.1	97.1	97.7	98.4	98.5	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	90.2	97.4	98.1	98.8	98.9	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	90.2	97.4	98.4	99.1	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	90.2	97.4	98.4	99.1	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.2	97.4	98.4	99.1	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.2	97.4	98.4	99.1	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.2	97.4	98.4	99.1	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.2	97.4	98.4	99.1	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	68.2	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	68.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	69.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	75.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 8000	80.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	80.6	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
≥ 6000	81.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	82.8	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	84.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	85.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	87.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	87.7	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	88.8	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	90.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	90.6	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	91.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	91.5	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	91.8	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	92.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	92.5	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	92.5	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	92.5	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	92.5	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	92.5	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	92.5	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	92.5	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	92.5	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	92.5	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12862 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	¾	≥5/8	≥½	≥¼
NO CEILING	50.5	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	51.9	51.9
≥ 20000	63.9	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
≥ 18000	64.4	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2
≥ 16000	65.1	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1
≥ 14000	66.0	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 12000	67.3	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 10000	70.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ 9000	73.0	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 8000	75.2	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 7000	76.1	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 6000	77.9	80.9	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
≥ 5000	79.2	82.8	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 4500	81.9	86.0	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 4000	82.7	87.4	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 3500	85.0	89.8	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
≥ 3000	86.3	91.3	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
≥ 2500	87.8	93.0	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8
≥ 2000	88.8	94.3	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 1800	89.7	95.2	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 1500	90.5	96.1	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 1200	90.9	96.9	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 1000	91.0	97.0	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0
≥ 900	91.2	97.2	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 800	91.2	97.3	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 700	91.4	98.1	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 600	91.4	98.2	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 500	91.4	98.2	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 400	91.4	98.2	98.7	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 300	91.4	98.2	98.7	98.9	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	91.4	98.2	98.7	98.9	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 100	91.4	98.2	98.7	98.9	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
0	91.4	98.2	98.7	98.9	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) JAN (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	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥5/16	≥¼	≥0
NO CEILING	54.1	56.8	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.6	57.6	57.6	57.8	57.8	58.0	58.0
≥ 20000	63.5	66.9	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.8	68.1	68.1	68.2	68.2
≥ 18000	63.9	67.2	67.5	67.7	67.8	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.4	68.4	68.5	68.5
≥ 16000	64.5	67.8	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.8	68.8	68.8	69.0	69.0	69.1	69.1
≥ 14000	65.5	68.8	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.8	69.8	69.8	70.0	70.0	70.1	70.1
≥ 12000	66.2	69.7	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.6	70.6	70.6	70.9	70.9	71.0	71.0
≥ 10000	70.4	74.1	74.4	74.6	74.8	74.8	74.8	74.8	74.8	75.2	75.2	75.2	75.4	75.4	75.5	75.5
≥ 9000	71.4	75.5	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.6	76.6	76.6	76.8	76.8	76.9	76.9
≥ 8000	72.9	77.2	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.3	78.3	78.3	78.5	78.5	78.6	78.6
≥ 7000	74.3	78.8	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9	80.1	80.1	80.2	80.2
≥ 6000	76.0	80.6	81.0	81.2	81.4	81.4	81.4	81.4	81.4	81.7	81.7	81.7	81.9	81.9	82.0	82.0
≥ 5000	77.7	82.7	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.9	83.9	83.9	84.1	84.1	84.2	84.2
≥ 4500	80.6	85.9	86.3	86.6	86.8	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.3	87.3	87.4	87.4
≥ 4000	81.8	87.4	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.7	88.7	88.7	88.9	88.9	89.0	89.0
≥ 3500	84.1	89.8	90.2	90.5	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1	91.3	91.3	91.4	91.4
≥ 3000	85.3	91.1	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.4	92.4	92.4	92.6	92.6	92.7	92.7
≥ 2500	87.1	93.2	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94.8	94.8
≥ 2000	88.4	94.9	95.4	95.7	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.5	96.5	96.6	96.6
≥ 1800	88.9	95.7	96.1	96.5	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.2	97.2	97.3	97.3
≥ 1500	89.2	96.1	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.5	97.7	97.7	97.8	97.8
≥ 1200	89.6	96.6	97.1	97.4	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.2	98.2	98.3	98.3
≥ 1000	89.8	96.8	97.3	97.6	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.4	98.4	98.5	98.5
≥ 900	89.8	96.9	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.5	98.5	98.6	98.6
≥ 800	89.9	97.1	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5	98.7	98.7	98.8	98.8
≥ 700	89.9	97.4	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	99.0	99.0	99.1	99.1
≥ 600	89.9	97.6	98.2	98.5	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.4	99.4
≥ 500	89.9	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.8	99.8
≥ 400	90.0	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 300	90.0	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	90.0	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	90.0	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	90.0	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	46.9	50.7	51.1	51.4	51.7	51.7	51.8	51.9	51.9	52.4	52.4	52.4	52.9	52.9	53.2	53.4
≥ 20000	60.2	64.6	65.0	65.4	65.8	65.8	65.9	66.1	66.1	66.5	66.6	66.6	67.1	67.1	67.5	67.7
≥ 18000	60.5	64.8	65.2	65.6	66.0	66.0	66.2	66.3	66.3	66.8	66.8	66.8	67.4	67.4	67.7	67.9
≥ 6000	60.9	65.4	65.8	66.2	66.6	66.6	66.8	66.9	66.9	67.4	67.4	67.4	68.0	68.0	68.3	68.5
≥ 14000	62.0	66.5	66.9	67.3	67.8	67.8	67.9	68.1	68.1	68.5	68.6	68.6	69.1	69.1	69.5	69.7
≥ 12000	63.3	68.0	68.4	68.8	69.2	69.2	69.4	69.6	69.6	70.0	70.1	70.1	70.6	70.6	71.0	71.2
≥ 10000	66.2	71.2	71.6	72.1	72.5	72.5	72.7	72.8	72.8	73.3	73.3	73.3	73.9	73.9	74.3	74.5
≥ 9000	67.8	73.0	73.5	74.0	74.4	74.4	74.6	74.7	74.7	75.1	75.2	75.2	75.8	75.8	76.2	76.4
≥ 8000	69.1	74.7	75.1	75.6	76.0	76.0	76.2	76.3	76.3	76.8	76.9	76.9	77.4	77.4	77.8	78.0
≥ 7000	69.9	75.7	76.1	76.6	77.0	77.0	77.2	77.3	77.3	77.8	77.9	77.9	78.4	78.4	78.8	79.0
≥ 6000	71.1	77.0	77.5	78.0	78.4	78.4	78.6	78.7	78.7	79.2	79.2	79.2	79.8	79.8	80.2	80.4
≥ 5000	72.3	78.5	79.0	79.5	79.9	79.9	80.1	80.3	80.3	80.7	80.8	80.8	81.4	81.4	81.8	82.0
≥ 4500	74.2	80.9	81.4	81.8	82.3	82.3	82.5	82.7	82.7	83.1	83.2	83.2	83.7	83.7	84.1	84.3
≥ 4000	75.2	82.2	82.6	83.2	83.7	83.7	83.9	84.1	84.1	84.5	84.6	84.6	85.2	85.2	85.6	85.8
≥ 3500	77.3	84.7	85.2	85.7	86.2	86.2	86.4	86.6	86.6	87.1	87.1	87.1	87.7	87.7	88.1	88.3
≥ 3000	78.8	86.5	87.0	87.5	88.1	88.1	88.4	88.6	88.6	89.0	89.1	89.1	89.7	89.7	90.1	90.3
≥ 2500	79.9	88.1	88.6	89.2	89.8	89.8	90.1	90.3	90.3	90.7	90.8	90.8	91.4	91.4	91.8	92.0
≥ 2000	81.1	89.7	90.3	90.8	91.5	91.5	91.8	92.0	92.0	92.5	92.5	92.5	93.1	93.1	93.5	93.7
≥ 1800	81.4	90.2	90.8	91.4	92.0	92.1	92.4	92.6	92.6	93.0	93.1	93.1	93.7	93.7	94.1	94.3
≥ 1500	81.9	90.9	91.6	92.3	92.9	92.9	93.3	93.5	93.5	93.9	94.0	94.0	94.6	94.6	95.0	95.2
≥ 1200	82.4	91.6	92.4	93.0	93.7	93.7	94.1	94.2	94.2	94.7	94.8	94.8	95.4	95.4	95.8	96.0
≥ 1000	82.6	92.1	92.9	93.6	94.2	94.3	94.6	94.8	94.8	95.3	95.4	95.4	96.0	96.0	96.4	96.6
≥ 900	82.9	92.6	93.4	94.1	94.8	94.8	95.2	95.4	95.4	95.8	95.9	95.9	96.5	96.5	96.9	97.1
≥ 800	83.0	92.9	93.8	94.4	95.2	95.2	95.6	95.8	95.8	96.3	96.3	96.3	96.9	96.9	97.3	97.5
≥ 700	83.1	93.4	94.2	94.9	95.7	95.7	96.1	96.3	96.3	96.8	96.9	96.9	97.5	97.5	97.9	98.1
≥ 600	83.2	93.9	94.8	95.6	96.3	96.3	96.7	96.9	96.9	97.5	97.5	97.5	98.1	98.1	98.5	98.7
≥ 500	83.2	94.1	95.1	95.8	96.6	96.6	97.0	97.2	97.2	97.8	97.8	97.8	98.4	98.4	98.9	99.1
≥ 400	83.3	94.3	95.3	96.0	96.8	96.9	97.3	97.5	97.6	98.1	98.2	98.2	98.8	98.8	99.3	99.5
≥ 300	83.3	94.3	95.3	96.1	96.9	97.0	97.4	97.6	97.7	98.2	98.3	98.3	99.0	99.0	99.5	99.7
≥ 200	83.3	94.3	95.3	96.1	96.9	97.0	97.4	97.7	97.7	98.3	98.4	98.4	99.0	99.0	99.6	99.8
≥ 100	83.3	94.3	95.3	96.1	96.9	97.0	97.4	97.7	97.7	98.3	98.4	98.4	99.0	99.0	99.6	99.8
≥ 0	83.3	94.3	95.3	96.1	96.9	97.0	97.4	97.7	97.7	98.3	98.4	98.4	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) FEB (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	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	56.3	61.0	61.5	61.7	61.9	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.9	63.4
≥ 20000	62.4	67.6	68.1	68.3	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	69.1	69.1	69.5	70.0
≥ 18000	62.5	67.7	68.2	68.4	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	69.3	69.3	69.6	70.1
≥ 16000	62.6	68.1	68.6	68.8	69.0	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.6	69.6	70.0	70.4
≥ 14000	63.0	68.4	68.9	69.1	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	70.0	70.0	70.3	70.8
≥ 12000	64.1	69.5	70.0	70.2	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	71.0	71.0	71.4	71.9
≥ 10000	67.1	73.3	73.9	74.1	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.9	74.9	75.3	75.8
≥ 9000	70.3	77.3	77.9	78.1	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	79.0	79.0	79.3	79.8
≥ 8000	71.7	79.2	79.8	80.0	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.9	80.9	81.2	81.7
≥ 7000	73.6	81.2	81.8	82.0	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.9	82.9	83.2	83.7
≥ 6000	74.5	82.0	82.6	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.7	83.7	84.0	84.5
≥ 5000	75.2	83.3	84.0	84.3	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	85.1	85.1	85.5	85.9
≥ 4500	76.6	85.2	85.9	86.2	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	87.0	87.0	87.4	87.8
≥ 4000	78.8	87.6	88.3	88.5	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.4	89.4	89.7	90.2
≥ 3500	80.4	89.5	90.2	90.4	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	91.3	91.3	91.6	92.1
≥ 3000	81.2	90.9	91.6	91.8	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.7	92.7	93.0	93.5
≥ 2500	81.9	91.6	92.3	92.6	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.4	93.4	93.7	94.2
≥ 2000	82.4	92.2	92.9	93.3	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	94.1	94.1	94.4	94.9
≥ 1800	82.4	92.2	93.0	93.4	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.7	95.2
≥ 1500	82.9	93.0	94.1	94.4	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.4	95.4	95.7	96.2
≥ 1200	83.0	93.4	94.6	94.9	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.9	95.9	96.2	96.7
≥ 1000	83.2	93.9	95.0	95.4	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.7	97.2
≥ 900	83.5	94.4	95.7	96.1	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.6	97.9
≥ 800	83.5	94.7	96.0	96.3	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.3	97.3	97.6	98.1
≥ 700	83.5	94.7	96.1	96.5	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.4	97.4	97.8	98.2
≥ 600	83.7	95.5	96.9	97.3	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.6	99.1
≥ 500	83.7	95.6	97.0	97.4	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.7	99.2
≥ 400	83.7	95.6	97.0	97.4	97.8	97.8	97.9	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.9	99.4
≥ 300	83.7	95.9	97.3	97.6	98.0	98.0	98.1	98.2	98.2	98.6	98.6	98.6	98.9	98.9	99.3	99.8
≥ 200	83.7	96.0	97.5	97.9	98.2	98.2	98.3	98.5	98.5	98.8	98.8	98.8	99.2	99.2	99.5	100.0
≥ 100	83.7	96.0	97.5	97.9	98.2	98.2	98.3	98.5	98.5	98.8	98.8	98.8	99.2	99.2	99.5	100.0
≥ 0	83.7	96.0	97.5	97.9	98.2	98.2	98.3	98.5	98.5	98.8	98.8	98.8	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) 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	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	47.0	52.8	53.3	53.8	54.3	54.3	54.4	54.4	54.4	54.9	54.9	54.9	55.7	55.7	56.2	56.3
≥ 20000	53.3	59.7	60.3	60.9	61.5	61.5	61.6	61.6	61.6	62.1	62.1	62.1	62.9	62.9	63.4	63.5
≥ 18000	53.3	59.7	60.3	60.9	61.5	61.5	61.6	61.6	61.6	62.1	62.1	62.1	62.9	62.9	63.4	63.5
≥ 16000	53.9	60.4	61.0	61.6	62.2	62.2	62.3	62.3	62.3	62.8	62.8	62.8	63.6	63.6	64.1	64.2
≥ 14000	55.0	61.9	62.1	62.7	63.3	63.3	63.4	63.4	63.4	63.9	63.9	63.9	64.7	64.7	65.2	65.3
≥ 12000	55.5	62.1	62.7	63.3	63.9	63.9	64.0	64.0	64.0	64.5	64.5	64.5	65.3	65.3	65.8	65.9
≥ 10000	58.6	65.9	66.5	67.1	67.7	67.7	67.8	67.8	67.8	68.2	68.2	68.2	69.2	69.3	69.8	69.9
≥ 9000	60.8	68.4	69.0	69.5	70.1	70.1	70.3	70.3	70.3	70.7	70.7	70.7	71.8	71.8	72.3	72.4
≥ 8000	62.3	70.5	71.1	71.8	72.4	72.4	72.5	72.5	72.5	73.0	73.0	73.0	74.1	74.1	74.5	74.6
≥ 7000	64.0	72.3	72.9	73.6	74.2	74.2	74.3	74.3	74.3	74.8	74.8	74.8	75.8	75.8	76.3	76.4
≥ 6000	65.3	73.8	74.4	75.1	75.7	75.7	75.8	75.8	75.8	76.3	76.3	76.3	77.4	77.4	77.8	78.0
≥ 5000	66.9	75.9	76.5	77.3	77.8	77.8	78.0	78.0	78.0	78.4	78.4	78.4	79.6	79.6	80.1	80.2
≥ 4500	69.2	79.3	79.9	80.6	81.2	81.2	81.3	81.3	81.3	81.8	81.8	81.8	82.9	82.9	83.4	83.5
≥ 4000	71.1	81.4	82.0	82.7	83.3	83.3	83.4	83.4	83.4	83.9	83.9	83.9	85.1	85.1	85.5	85.7
≥ 3500	73.7	84.5	85.1	85.8	86.4	86.4	86.5	86.5	86.5	87.0	87.0	87.0	88.2	88.2	88.6	88.7
≥ 3000	74.5	85.9	86.5	87.2	87.8	87.8	87.9	87.9	87.9	88.4	88.4	88.4	89.6	89.6	90.0	90.2
≥ 2500	75.0	86.6	87.2	87.9	88.5	88.5	88.6	88.6	88.6	89.1	89.1	89.1	90.3	90.3	90.8	90.9
≥ 2000	75.6	87.7	88.3	89.0	89.6	89.6	89.7	89.7	89.7	90.2	90.2	90.2	91.4	91.4	91.8	91.9
≥ 1800	75.6	87.7	88.3	89.0	89.6	89.6	89.7	89.7	89.7	90.2	90.2	90.2	91.4	91.4	91.8	91.9
≥ 1500	75.8	88.2	89.1	89.8	90.4	90.4	90.5	90.5	90.5	91.0	91.0	91.0	92.2	92.2	92.7	92.8
≥ 1200	76.5	89.3	90.4	91.1	91.7	91.7	91.8	91.8	91.8	92.3	92.3	92.3	93.5	93.5	94.0	94.1
≥ 1000	76.8	89.9	91.0	91.7	92.3	92.3	92.4	92.4	92.4	92.9	92.9	92.9	94.1	94.1	94.5	94.7
≥ 900	77.3	90.9	91.9	92.7	93.2	93.2	93.4	93.4	93.4	93.8	93.8	93.8	95.0	95.0	95.5	95.6
≥ 800	77.4	91.6	92.7	93.5	94.1	94.1	94.2	94.2	94.2	94.7	94.7	94.7	95.9	95.9	96.3	96.4
≥ 700	77.5	92.1	93.1	94.0	94.5	94.5	94.7	94.8	94.8	95.3	95.3	95.3	96.4	96.4	96.9	97.0
≥ 600	77.7	93.4	94.4	95.3	95.9	95.9	96.0	96.1	96.1	96.6	96.6	96.6	97.7	97.7	98.2	98.3
≥ 500	77.7	93.5	94.7	95.5	96.1	96.1	96.2	96.3	96.3	96.8	96.8	96.8	98.0	98.0	98.5	98.6
≥ 400	77.7	93.7	94.9	95.7	96.3	96.3	96.4	96.6	96.6	97.2	97.2	97.2	98.3	98.3	98.8	98.9
≥ 300	77.7	94.0	95.3	96.1	96.7	96.7	96.9	97.0	97.0	97.7	97.7	97.7	98.9	98.9	99.4	99.5
≥ 200	77.7	94.0	95.3	96.1	96.8	96.9	97.2	97.3	97.3	98.1	98.1	98.1	99.3	99.3	99.8	99.9
≥ 100	77.7	94.0	95.3	96.1	96.8	96.9	97.2	97.3	97.3	98.1	98.1	98.1	99.3	99.3	99.8	99.9
≥ 0	77.7	94.0	95.3	96.1	96.8	96.9	97.2	97.3	97.3	98.1	98.1	98.1	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	40.1	47.0	48.0	48.6	49.3	49.3	49.8	50.4	50.4	50.4	50.4	50.4	51.1	51.1	52.4	53.4
≥ 20000	46.3	55.2	56.3	56.9	57.7	57.7	58.2	58.7	58.7	58.7	58.7	58.7	59.5	59.5	61.0	62.2
≥ 18000	46.9	55.8	56.9	57.4	58.3	58.3	58.7	59.3	59.3	59.3	59.3	59.3	60.0	60.0	61.6	62.8
≥ 16000	47.0	56.0	57.1	57.7	58.5	58.5	59.0	59.6	59.6	59.6	59.6	59.6	60.3	60.3	61.8	63.0
≥ 14000	48.6	57.9	59.0	59.7	60.5	60.5	61.0	61.6	61.6	61.6	61.6	61.6	62.3	62.3	63.8	65.0
≥ 12000	50.1	59.7	60.8	61.5	62.3	62.3	62.8	63.4	63.4	63.4	63.4	63.4	64.1	64.1	65.6	66.8
≥ 10000	52.7	63.1	64.2	65.1	66.1	66.1	66.5	67.1	67.1	67.1	67.1	67.1	67.8	67.8	69.4	70.6
≥ 9000	53.9	64.8	65.8	66.8	67.7	67.7	68.2	68.8	68.8	68.8	68.8	68.8	69.5	69.5	71.0	72.2
≥ 8000	55.3	66.4	67.5	68.4	69.4	69.4	69.9	70.4	70.4	70.4	70.4	70.4	71.2	71.2	72.7	73.9
≥ 7000	56.9	68.3	69.4	70.3	71.3	71.3	71.7	72.3	72.3	72.3	72.3	72.3	73.0	73.0	74.6	75.8
≥ 6000	58.2	70.1	71.2	72.1	73.0	73.0	73.5	74.1	74.1	74.1	74.1	74.1	74.8	74.8	76.4	77.5
≥ 5000	59.3	71.5	72.6	73.5	74.5	74.5	74.9	75.5	75.5	75.5	75.5	75.5	76.2	76.2	77.8	79.0
≥ 4500	60.8	73.2	74.2	75.2	76.1	76.1	76.6	77.2	77.2	77.2	77.2	77.2	77.9	77.9	79.4	80.6
≥ 4000	61.6	74.3	75.4	76.4	77.3	77.3	77.8	78.4	78.4	78.4	78.4	78.4	79.1	79.1	80.6	81.8
≥ 3500	63.6	76.8	77.9	78.8	79.8	79.8	80.3	80.9	80.9	80.9	80.9	80.9	81.6	81.6	83.1	84.3
≥ 3000	64.7	78.5	79.6	80.5	81.4	81.4	81.9	82.5	82.5	82.5	82.5	82.5	83.2	83.2	84.8	85.9
≥ 2500	65.1	79.2	80.3	81.2	82.2	82.2	82.6	83.2	83.2	83.2	83.2	83.2	83.9	83.9	85.5	86.6
≥ 2000	66.1	81.3	82.5	83.5	84.4	84.5	85.0	85.6	85.6	85.6	85.6	85.6	86.3	86.3	87.8	89.2
≥ 1800	66.5	81.9	83.1	84.0	85.0	85.1	85.7	86.3	86.3	86.3	86.3	86.3	87.0	87.0	88.5	90.0
≥ 1500	66.9	82.7	83.9	84.9	85.8	85.9	86.5	87.1	87.1	87.1	87.1	87.1	87.8	87.8	89.4	90.8
≥ 1200	67.6	84.4	85.7	86.8	87.7	87.8	88.4	89.0	89.0	89.0	89.0	89.0	89.7	89.7	91.3	92.7
≥ 1000	67.8	85.0	86.3	87.4	88.5	88.7	89.4	90.0	90.0	90.0	90.0	90.0	90.7	90.7	92.2	93.6
≥ 900	67.8	85.2	86.6	87.7	88.9	89.0	89.7	90.3	90.3	90.3	90.3	90.3	91.0	91.0	92.6	94.0
≥ 800	68.0	86.1	87.5	88.5	89.8	90.0	90.8	91.4	91.4	91.4	91.4	91.4	92.1	92.1	93.6	95.0
≥ 700	68.0	86.3	87.7	88.9	90.2	90.3	91.1	91.7	91.7	91.7	91.7	91.7	92.4	92.4	94.0	95.4
≥ 600	68.6	87.4	88.8	90.0	91.4	91.5	92.3	92.9	92.9	93.0	93.0	93.0	93.7	93.7	95.3	96.7
≥ 500	68.6	87.6	89.0	90.3	91.7	91.8	92.7	93.3	93.3	93.5	93.5	93.5	94.2	94.2	95.7	97.2
≥ 400	68.7	88.1	89.5	90.8	92.3	92.4	93.5	94.1	94.1	94.3	94.3	94.3	95.0	95.0	96.6	98.0
≥ 300	68.7	88.1	89.6	90.9	92.4	92.6	93.9	94.4	94.4	94.7	94.7	94.7	95.5	95.5	97.4	99.1
≥ 200	68.7	88.1	89.6	90.9	92.4	92.6	94.0	94.6	94.6	94.8	94.8	94.8	95.6	95.6	97.5	99.3
≥ 100	68.7	88.1	89.6	90.9	92.4	92.6	94.0	94.6	94.6	94.8	94.8	94.8	95.9	95.9	97.8	99.8
≥ 0	68.7	88.1	89.6	90.9	92.4	92.6	94.0	94.6	94.6	94.8	94.8	94.8	95.9	95.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	48.5	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	51.9
≥ 20000	57.4	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.6	61.6
≥ 18000	57.9	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.2	62.2
≥ 16000	58.6	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9	62.9
≥ 14000	59.6	63.5	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5	64.5
≥ 12000	62.1	66.2	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3	67.3
≥ 10000	64.4	69.4	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6	70.6
≥ 9000	65.6	71.6	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8
≥ 8000	67.3	73.6	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.9	74.9
≥ 7000	68.7	75.1	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.5	76.5
≥ 6000	70.9	77.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.6	79.6
≥ 5000	71.4	78.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	80.0	80.0
≥ 4500	73.9	81.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.9	82.9
≥ 4000	75.4	82.9	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.9	84.9
≥ 3500	75.9	84.0	85.3	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.2	86.2
≥ 3000	76.5	85.3	86.6	87.0	87.1	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.6	87.6
≥ 2500	77.5	87.0	88.3	88.7	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.4	89.4
≥ 2000	78.4	88.3	89.6	90.0	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.8	90.8
≥ 1800	79.0	89.1	90.4	90.8	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.7	91.7
≥ 1500	79.7	90.1	91.4	91.7	92.1	92.1	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.9	92.9
≥ 1200	80.3	91.0	92.4	93.0	93.4	93.4	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.2	94.2
≥ 1000	80.9	92.0	93.5	94.2	94.6	94.6	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.4	95.4
≥ 900	81.0	92.2	93.7	94.4	94.8	94.8	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.7	95.7
≥ 800	81.0	92.6	94.2	94.9	95.3	95.3	95.5	95.7	95.7	95.9	95.9	95.9	95.9	96.2	96.2
≥ 700	81.0	92.9	94.7	95.5	95.9	95.9	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.8	96.8
≥ 600	81.1	93.5	95.4	96.2	96.6	96.6	96.8	97.0	97.0	97.2	97.2	97.2	97.3	97.6	97.6
≥ 500	81.1	93.6	95.6	96.5	96.9	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.6	98.0	98.0
≥ 400	81.1	93.6	95.9	96.7	97.2	97.2	97.4	97.6	97.6	97.8	97.8	97.8	97.9	98.2	98.2
≥ 300	81.1	93.6	95.9	96.7	97.4	97.5	97.9	98.3	98.3	98.5	98.5	98.5	98.6	98.6	99.3
≥ 200	81.1	93.6	95.9	96.7	97.4	97.5	97.9	98.3	98.3	98.6	98.6	98.6	98.8	98.8	99.9
≥ 100	81.1	93.6	95.9	96.7	97.4	97.5	97.9	98.3	98.3	98.6	98.6	98.6	98.8	98.8	99.8	100.0
≥ 0	81.1	93.6	95.9	96.7	97.4	97.5	97.9	98.3	98.3	98.6	98.6	98.6	98.8	98.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

1,860 KSC SHUTTLE APT FL 70-79 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	<¼
NO CEILING	49.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	64.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	64.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	65.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	66.8	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	68.2	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	70.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	72.3	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	74.0	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	75.7	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	77.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	77.7	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	80.1	85.3	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	81.6	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	83.2	88.8	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	84.8	90.8	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	85.9	92.7	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	86.9	93.9	94.4	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	87.7	95.3	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	88.7	96.3	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	88.9	96.8	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	88.9	96.8	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	89.1	97.2	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	89.2	97.4	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	89.6	97.9	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	89.7	98.1	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	89.7	98.1	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	89.7	98.1	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	89.7	98.1	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	89.7	98.1	98.9	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.7	98.1	98.9	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.7	98.1	98.9	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 866

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12863 KSC SHUTTLE APT FL 70-79 FEB

STATION STATION NAME 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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	48.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	65.6	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	65.7	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 15000	66.7	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	68.2	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	70.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000	74.9	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	76.6	80.6	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000	79.2	84.0	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	79.8	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	81.2	86.2	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	82.2	87.5	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	84.2	90.4	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	84.9	91.4	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	86.4	93.1	93.6	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	87.4	94.3	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	87.5	94.9	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	88.7	96.1	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	89.5	97.0	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	89.8	97.6	98.1	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	89.8	97.8	98.2	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	89.8	97.9	98.3	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	90.0	98.0	98.6	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	90.0	98.1	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700	90.0	98.1	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	90.0	98.1	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	90.0	98.1	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	90.0	98.1	98.8	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.0	98.1	98.8	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.0	98.1	98.8	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.0	98.1	98.8	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	90.0	98.1	98.8	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 7/8	≥1 3/4	≥1 1/2	≥1 1/4	≥1	≥7/8	≥5/8	≥1/2	≥1/4	0
NO CEILING	50.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	65.5	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	65.6	67.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	66.3	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	67.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	68.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	71.9	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	74.6	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	75.3	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	75.8	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	76.8	80.9	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	78.3	83.0	83.1	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4500	80.5	86.1	86.2	86.3	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	81.6	87.6	87.7	87.9	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	84.8	90.8	90.9	91.3	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	86.1	92.3	92.4	92.8	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	86.5	93.0	93.1	93.5	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	87.8	94.3	94.6	94.9	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	88.2	94.7	94.9	95.3	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	88.3	94.8	95.0	95.4	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	88.7	95.6	96.0	96.3	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	88.7	95.6	96.0	96.3	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	88.7	96.0	96.3	96.7	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	88.8	96.5	96.8	97.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 700	88.8	96.6	96.9	97.3	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5
≥ 600	88.8	96.8	97.2	97.5	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 500	88.8	96.8	97.2	98.0	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 400	88.8	96.8	97.3	98.1	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 300	88.9	96.9	97.4	98.2	99.1	99.1	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	88.9	96.9	97.4	98.2	99.1	99.1	99.4	99.4	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	88.9	96.9	97.4	98.2	99.1	99.1	99.4	99.4	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	88.9	96.9	97.4	98.2	99.1	99.1	99.4	99.4	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	58.3	59.7	59.8	59.9	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.6
≥ 20000	66.1	68.2	68.3	68.4	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.1
≥ 18000	66.1	68.2	68.3	68.4	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.1
≥ 16000	66.4	68.6	68.7	68.8	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5
≥ 14000	66.7	68.8	68.9	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7
≥ 12000	67.5	69.6	69.7	69.9	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.6	70.6	70.6	70.6
≥ 10000	71.0	74.0	74.1	74.2	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9
≥ 9000	74.2	78.6	78.7	78.8	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6
≥ 8000	76.1	80.5	80.6	80.7	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4
≥ 7000	76.5	81.0	81.1	81.2	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 6000	77.2	81.9	82.0	82.2	82.6	82.6	82.7	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1
≥ 5000	78.6	83.7	83.8	83.9	84.4	84.4	84.6	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0
≥ 4500	80.5	86.3	86.4	86.5	87.0	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
≥ 4000	82.7	89.1	89.2	89.4	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4
≥ 3500	84.3	91.0	91.1	91.3	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3
≥ 3000	85.5	92.4	92.7	92.8	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 2500	86.1	93.0	93.3	93.4	93.9	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6
≥ 2000	86.4	93.6	94.1	94.2	94.8	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5
≥ 1800	86.4	94.0	94.6	94.7	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0
≥ 1500	86.6	94.4	95.0	95.2	96.0	96.0	96.3	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.8
≥ 1200	87.4	95.2	95.7	95.9	96.8	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 1000	87.4	95.2	95.7	95.9	96.8	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 900	87.6	95.5	96.1	96.3	97.3	97.3	97.6	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1
≥ 800	87.6	95.6	96.2	96.5	97.4	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2
≥ 700	87.6	95.7	96.3	96.7	97.6	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.5	98.5	98.5	98.5
≥ 600	87.6	96.2	96.8	97.2	98.1	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 500	87.6	96.3	96.9	97.3	98.2	98.2	98.6	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.1
≥ 400	87.6	96.5	97.0	97.5	98.5	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3
≥ 300	87.6	96.8	97.4	97.9	98.9	98.9	99.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	87.6	96.8	97.4	97.9	98.9	98.9	99.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	87.6	96.8	97.4	97.9	98.9	98.9	99.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	87.6	96.8	97.4	97.9	98.9	98.9	99.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL (HOURS ST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	49.8	53.0	53.3	53.5	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	54.2	54.2	54.5	54.7
≥ 20000	60.1	64.2	64.6	64.8	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.9	66.1
≥ 18000	60.3	64.5	64.8	65.0	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.8	65.8	66.1	66.3
≥ 16000	60.8	65.0	65.4	65.6	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.4	66.4	66.7	66.9
≥ 14000	61.9	66.2	66.6	66.8	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.9	68.1
≥ 12000	63.3	67.8	68.2	68.4	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	69.2	69.2	69.5	69.7
≥ 10000	66.4	71.5	71.9	72.2	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.3	73.6
≥ 9000	68.5	74.4	74.9	75.2	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	76.0	76.0	76.3	76.5
≥ 8000	70.2	76.4	76.9	77.2	77.4	77.4	77.5	77.6	77.6	77.7	77.7	77.7	78.0	78.0	78.3	78.6
≥ 7000	71.4	77.7	78.2	78.5	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.3	79.3	79.7	79.9
≥ 6000	72.7	79.4	79.9	80.3	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	81.1	81.1	81.5	81.7
≥ 5000	73.7	80.8	81.3	81.6	82.0	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.6	82.6	82.9	83.1
≥ 4500	75.7	83.4	83.9	84.3	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.6	85.8
≥ 4000	77.2	85.1	85.8	86.1	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.8	87.1	87.1	87.4	87.6
≥ 3500	79.0	87.3	87.9	88.3	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.3	89.3	89.7	89.9
≥ 3000	80.1	88.8	89.4	89.8	90.2	90.2	90.4	90.5	90.5	90.6	90.6	90.6	90.9	90.9	91.2	91.4
≥ 2500	80.7	89.8	90.4	90.8	91.2	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.9	91.9	92.2	92.4
≥ 2000	81.5	90.9	91.6	92.0	92.5	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.2	93.2	93.5	93.8
≥ 1800	81.9	91.5	92.2	92.6	93.1	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.9	93.9	94.2	94.4
≥ 1500	82.3	92.2	93.0	93.4	93.9	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.7	94.7	95.0	95.2
≥ 1200	82.8	92.9	93.8	94.3	94.8	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.6	95.6	95.9	96.2
≥ 1000	82.9	93.3	94.2	94.6	95.2	95.2	95.5	95.6	95.6	95.7	95.7	95.7	96.0	96.0	96.3	96.6
≥ 900	83.1	93.7	94.6	95.1	95.7	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.5	96.5	96.8	97.1
≥ 800	83.2	94.1	95.0	95.5	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.6	97.0	97.0	97.3	97.6
≥ 700	83.2	94.3	95.3	95.8	96.4	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.3	97.3	97.6	97.9
≥ 600	83.4	94.9	95.9	96.5	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	98.0	98.0	98.3	98.6
≥ 500	83.4	95.0	96.0	96.6	97.3	97.3	97.6	97.7	97.7	97.9	97.9	97.9	98.2	98.2	98.6	98.8
≥ 400	83.4	95.1	96.2	96.8	97.5	97.5	97.8	98.0	98.0	98.2	98.2	98.2	98.5	98.5	98.8	99.1
≥ 300	83.4	95.2	96.2	97.0	97.7	97.7	98.1	98.3	98.3	98.6	98.6	98.6	98.9	98.9	99.4	99.7
≥ 200	83.4	95.2	96.2	97.0	97.7	97.8	98.2	98.4	98.4	98.7	98.7	98.7	99.1	99.1	99.6	99.9
≥ 100	83.4	95.2	96.2	97.0	97.7	97.8	98.2	98.4	98.4	98.7	98.7	98.7	99.1	99.1	99.6	100.0
0	83.4	95.2	96.2	97.0	97.7	97.8	98.2	98.4	98.4	98.7	98.7	98.7	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	62.2	65.8	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	72.6	76.6	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	73.0	77.0	77.4	77.7	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	73.1	77.1	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	74.1	78.2	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	74.8	79.5	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	76.6	82.4	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	77.3	83.3	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	78.3	84.4	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	78.8	84.9	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	79.9	86.1	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	81.1	87.5	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	82.3	89.5	90.2	90.5	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000	83.0	90.9	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	84.5	92.5	93.3	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	85.4	93.7	94.5	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	86.3	94.7	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	87.5	96.5	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	87.5	96.6	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	87.5	97.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	87.6	97.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	87.6	97.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	87.6	97.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	87.7	97.8	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-74 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR - LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	55.8	63.3	63.8	64.1	65.0	65.0	65.7	65.7	65.7	66.6	66.6	66.6	67.0	67.0	67.1	67.1
≥ 20000	64.0	72.7	73.5	73.9	74.8	74.8	75.5	75.5	75.5	76.4	76.4	76.4	76.8	76.8	76.9	76.9
≥ 18000	64.4	73.2	73.9	74.4	75.2	75.2	76.0	76.0	76.0	76.8	76.8	76.8	77.3	77.3	77.4	77.4
≥ 16000	64.9	73.6	74.4	74.8	75.6	75.6	76.4	76.4	76.4	77.3	77.3	77.3	77.7	77.7	77.8	77.8
≥ 14000	65.4	74.2	75.0	75.4	76.3	76.3	77.0	77.0	77.0	77.9	77.9	77.9	78.3	78.3	78.4	78.4
≥ 12000	66.8	76.1	76.8	77.3	78.1	78.1	78.9	78.9	78.9	79.7	79.7	79.7	80.2	80.2	80.3	80.3
≥ 10000	68.4	78.1	78.9	79.3	80.2	80.2	80.9	80.9	80.9	81.8	81.8	81.8	82.2	82.2	82.3	82.3
≥ 9000	68.9	79.1	79.8	80.3	81.1	81.1	81.9	81.9	81.9	82.8	82.8	82.8	83.2	83.2	83.3	83.3
≥ 8000	69.5	79.7	80.6	81.0	81.9	81.9	82.7	82.7	82.7	83.5	83.5	83.5	83.9	83.9	84.1	84.1
≥ 7000	69.8	80.2	81.0	81.5	82.3	82.3	83.1	83.1	83.1	83.9	83.9	83.9	84.4	84.4	84.5	84.5
≥ 6000	70.3	80.6	81.5	81.9	82.8	82.8	83.5	83.5	83.5	84.4	84.4	84.4	84.8	84.8	84.9	84.9
≥ 5000	71.4	82.1	83.0	83.4	84.3	84.3	85.0	85.0	85.0	85.9	85.9	85.9	86.3	86.3	86.4	86.4
≥ 4500	72.1	83.3	84.2	84.6	85.5	85.5	86.2	86.2	86.2	87.1	87.1	87.1	87.5	87.5	87.6	87.6
≥ 4000	72.8	84.8	85.7	86.1	87.0	87.0	87.7	87.7	87.7	88.6	88.6	88.6	89.0	89.0	89.1	89.1
≥ 3500	74.2	86.5	87.4	87.8	88.7	88.7	89.4	89.4	89.4	90.3	90.3	90.3	90.7	90.7	90.8	90.8
≥ 3000	75.3	87.9	88.8	89.2	90.1	90.1	90.8	90.8	90.8	91.7	91.7	91.7	92.1	92.1	92.2	92.2
≥ 2500	76.0	88.7	89.5	90.0	90.8	90.8	91.6	91.6	91.6	92.5	92.5	92.5	92.9	92.9	93.0	93.0
≥ 2000	77.2	90.7	91.7	92.1	93.0	93.0	93.8	93.8	93.8	94.6	94.6	94.6	95.0	95.0	95.2	95.2
≥ 1800	77.6	91.2	92.1	92.6	93.4	93.4	94.2	94.2	94.2	95.0	95.0	95.0	95.5	95.5	95.6	95.6
≥ 1500	77.9	91.8	92.9	93.3	94.2	94.2	94.9	94.9	94.9	95.8	95.8	95.8	96.2	96.2	96.3	96.3
≥ 1200	78.1	92.3	93.5	94.0	94.8	94.8	95.6	95.6	95.6	96.4	96.4	96.4	96.9	96.9	97.0	97.0
≥ 1000	78.7	92.9	94.1	94.5	95.4	95.4	96.1	96.1	96.1	97.0	97.0	97.0	97.4	97.4	97.5	97.5
≥ 900	79.0	93.2	94.6	95.0	96.0	96.0	96.8	96.8	96.8	97.6	97.6	97.6	98.1	98.1	98.2	98.2
≥ 800	79.0	93.8	95.2	95.6	96.6	96.6	97.3	97.3	97.3	98.2	98.2	98.2	98.6	98.6	98.7	98.7
≥ 700	79.1	93.9	95.3	95.7	96.7	96.7	97.4	97.4	97.4	98.3	98.3	98.3	98.7	98.7	98.8	98.8
≥ 600	79.1	93.9	95.3	95.7	96.8	96.8	97.5	97.5	97.5	98.4	98.4	98.4	98.8	98.8	98.9	98.9
≥ 500	79.2	94.0	95.4	95.8	97.0	97.0	97.7	97.7	97.7	98.6	98.6	98.6	99.0	99.0	99.1	99.1
≥ 400	79.3	94.5	95.9	96.3	97.6	97.6	98.5	98.5	98.5	99.4	99.4	99.4	99.8	99.8	99.9	99.9
≥ 300	79.3	94.5	95.9	96.3	97.6	97.6	98.5	98.5	98.5	99.4	99.4	99.4	99.8	99.8	99.9	99.9
≥ 200	79.3	94.5	95.9	96.3	97.7	97.7	98.6	98.6	98.6	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 100	79.3	94.5	95.9	96.3	97.7	97.7	98.6	98.6	98.6	99.5	99.5	99.5	99.9	99.9	100.0	100.0
≥ 0	79.3	94.5	95.9	96.3	97.7	97.7	98.6	98.6	98.6	99.5	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	0
NO CEILING	42.2	49.6	50.6	52.3	53.2	53.2	54.0	54.3	54.3	55.3	55.3	55.3	55.8	55.8	56.5	56.7
≥ 20000	52.2	63.7	64.8	66.6	67.6	67.6	68.4	68.8	68.8	69.7	69.7	69.7	70.4	70.4	71.0	71.2
≥ 18000	52.5	64.0	65.1	66.9	67.9	67.9	68.8	69.1	69.1	70.0	70.0	70.0	70.7	70.7	71.3	71.6
≥ 16000	53.1	64.8	65.8	67.7	68.6	68.6	69.5	69.8	69.8	70.8	70.8	70.8	71.4	71.4	72.1	72.3
≥ 14000	54.6	66.3	67.3	69.2	70.3	70.3	71.1	71.4	71.4	72.4	72.4	72.4	73.1	73.1	73.7	73.9
≥ 12000	55.9	67.9	69.0	70.8	71.9	71.9	72.7	73.1	73.1	74.0	74.0	74.0	74.7	74.7	75.3	75.5
≥ 10000	57.5	69.9	71.0	72.8	73.9	73.9	74.8	75.1	75.1	76.1	76.1	76.1	76.7	76.7	77.4	77.6
≥ 9000	58.8	71.8	72.8	74.7	75.8	75.8	76.6	76.9	76.9	77.9	77.9	77.9	78.6	78.6	79.2	79.4
≥ 8000	59.8	73.1	74.1	76.0	77.0	77.0	77.9	78.2	78.2	79.2	79.2	79.2	79.8	79.8	80.5	80.7
≥ 7000	60.3	73.7	74.8	76.6	77.7	77.7	78.6	78.9	78.9	79.8	79.8	79.8	80.5	80.5	81.1	81.4
≥ 6000	61.5	75.2	76.4	78.2	79.3	79.3	80.2	80.5	80.5	81.5	81.5	81.5	82.1	82.1	82.8	83.0
≥ 5000	62.1	75.9	77.0	78.9	80.0	80.0	80.8	81.1	81.1	82.1	82.1	82.1	82.8	82.8	83.4	83.6
≥ 4500	62.3	76.3	77.5	79.3	80.4	80.4	81.3	81.7	81.7	82.7	82.7	82.7	83.3	83.3	83.9	84.2
≥ 4000	63.6	78.4	79.6	81.5	82.5	82.5	83.4	83.8	83.8	84.8	84.8	84.8	85.5	85.5	86.2	86.4
≥ 3500	65.1	80.5	81.7	83.5	84.6	84.6	85.5	85.9	85.9	86.9	86.9	86.9	87.5	87.5	88.3	88.5
≥ 3000	66.4	82.2	83.5	85.3	86.5	86.5	87.4	87.8	87.8	88.8	88.8	88.8	89.4	89.4	90.2	90.4
≥ 2500	66.6	82.8	84.2	86.0	87.2	87.2	88.0	88.5	88.5	89.4	89.4	89.4	90.1	90.1	90.8	91.1
≥ 2000	66.8	83.9	85.5	87.3	88.5	88.5	89.4	89.9	89.9	90.9	90.9	90.9	91.6	91.6	92.3	92.6
≥ 1800	66.8	84.2	85.7	87.5	88.8	88.8	89.8	90.2	90.2	91.3	91.3	91.3	91.9	91.9	92.7	92.9
≥ 1500	67.1	84.7	86.2	88.0	89.3	89.3	90.3	90.7	90.7	91.8	91.8	91.8	92.5	92.5	93.2	93.4
≥ 1200	67.5	85.2	86.7	88.7	90.0	90.0	91.1	91.5	91.5	92.6	92.6	92.6	93.2	93.2	94.0	94.2
≥ 1000	67.7	85.7	87.2	89.2	90.5	90.5	91.6	92.0	92.0	93.1	93.1	93.1	93.8	93.8	94.5	94.7
≥ 900	67.7	85.9	87.5	89.7	91.1	91.1	92.1	92.6	92.6	93.6	93.6	93.6	94.3	94.3	95.0	95.3
≥ 800	67.8	86.3	87.9	90.1	91.7	91.7	92.8	93.2	93.2	94.3	94.3	94.3	94.9	94.9	95.7	95.9
≥ 700	68.1	87.0	88.7	91.2	92.8	92.8	93.9	94.3	94.3	95.4	95.4	95.4	96.0	96.0	96.8	97.0
≥ 600	68.1	87.3	89.0	91.5	93.1	93.1	94.2	94.6	94.6	95.7	95.7	95.7	96.4	96.4	97.2	97.4
≥ 500	68.1	87.4	89.1	91.6	93.2	93.2	94.4	94.8	94.8	95.9	95.9	95.9	96.7	96.7	97.4	97.6
≥ 400	68.1	87.7	89.7	92.1	93.9	93.9	95.0	95.6	95.6	96.7	96.7	96.7	97.4	97.4	98.2	98.4
≥ 300	68.1	87.7	89.7	92.1	93.9	94.0	95.2	95.7	95.7	96.9	96.9	96.9	97.8	97.8	98.7	98.9
≥ 200	68.1	87.7	89.7	92.1	93.9	94.0	95.3	95.8	95.8	97.0	97.0	97.0	98.0	98.0	98.8	99.1
≥ 100	68.1	87.7	89.7	92.1	93.9	94.0	95.3	95.8	95.8	97.0	97.0	97.0	98.0	98.0	98.9	99.6
≥ 0	68.1	87.7	89.7	92.1	93.9	94.0	95.3	95.8	95.8	97.0	97.0	97.0	98.1	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	54.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	69.0	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	69.7	74.2	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	70.3	74.9	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	71.4	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	72.4	77.2	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	73.4	78.4	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	74.4	79.6	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	76.2	81.7	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	77.2	82.7	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	78.5	84.0	84.2	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	79.6	85.5	85.8	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	80.9	87.2	87.5	87.7	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	83.1	89.9	90.2	90.4	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	84.2	91.2	91.5	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	84.8	92.5	92.8	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	85.2	92.8	93.1	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	86.0	94.1	94.4	94.7	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1800	86.1	94.3	94.7	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1500	86.3	94.6	95.2	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1200	86.7	95.3	95.9	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	87.0	95.9	96.7	97.2	97.5	97.5	98.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 900	87.0	96.0	97.0	97.6	98.0	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 800	87.0	96.0	97.1	97.7	98.1	98.1	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 700	87.1	96.1	97.3	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	87.1	96.3	97.6	98.4	98.7	98.7	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	87.1	96.3	97.6	98.4	98.7	98.7	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	87.1	96.5	97.7	98.5	98.8	98.8	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	87.1	96.5	97.7	98.5	98.8	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	87.1	96.5	97.7	98.5	98.8	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 100	87.1	96.5	97.7	98.5	98.8	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 0	87.1	96.5	97.7	98.5	98.8	98.8	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	58.2	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	76.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	76.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	77.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	77.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	79.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	80.9	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	81.7	83.8	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
≥ 8000	82.6	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	83.3	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	84.9	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	85.7	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	87.1	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	88.2	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	90.6	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	91.6	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	92.2	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	92.7	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	92.8	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	92.9	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	92.9	97.8	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	93.1	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	93.1	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	93.1	98.5	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	93.1	98.6	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	93.1	98.7	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	93.1	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.1	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.1	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.1	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.1	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.1	98.8	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	58.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	77.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	77.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	77.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	79.2	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
≥ 12000	80.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000	82.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	83.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	84.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	85.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	87.0	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	87.8	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	88.2	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	89.1	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	89.9	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	91.2	95.9	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	91.6	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	91.8	97.3	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	91.9	97.4	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	92.1	97.7	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	92.4	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99,2	99.2
≥ 1000	92.4	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	92.4	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	92.4	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	92.4	98.6	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	92.4	98.7	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	92.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.4	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12863 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	<¼
NO CEILING	60.6	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	78.6	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 18000	78.6	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	78.9	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	79.8	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	81.0	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	82.5	84.5	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	83.5	86.2	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	84.4	87.6	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	85.1	88.4	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	86.1	89.9	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	86.7	90.6	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	87.6	92.2	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	88.4	93.8	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	89.2	95.0	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	89.8	95.8	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	90.7	97.1	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	90.9	97.6	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	90.9	97.6	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	91.0	97.9	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	91.0	98.2	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	91.0	98.3	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (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	≥1	≥1	≥1	≥	≥	≥	≥	≥5/16	≥0	≥0
NO CEILING	67.1	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	76.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	76.5	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	76.5	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	77.2	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	79.1	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	80.8	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	81.4	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 8000	82.2	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	83.0	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000	84.3	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	85.4	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	87.7	91.2	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	88.1	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	89.5	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	90.3	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	91.7	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	92.2	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	92.3	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	92.4	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	92.6	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	92.6	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	92.6	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	92.6	98.3	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	92.6	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	92.6	98.5	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	92.6	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.6	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.6	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.6	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.6	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	57.4	60.7	61.0	61.3	61.5	61.5	61.7	61.8	61.8	62.0	62.0	62.0	62.1	62.1	62.2	62.2
≥ 20000	70.7	75.1	75.5	75.8	76.1	76.1	76.3	76.3	76.3	76.6	76.6	76.6	76.7	76.7	76.8	76.8
≥ 18000	71.1	75.4	75.8	76.2	76.4	76.4	76.6	76.7	76.7	76.9	76.9	76.9	77.1	77.1	77.2	77.2
≥ 16000	71.5	75.9	76.3	76.6	76.9	76.9	77.1	77.1	77.1	77.4	77.4	77.4	77.5	77.5	77.6	77.6
≥ 14000	72.4	76.9	77.3	77.6	77.9	77.9	78.1	78.1	78.1	78.4	78.4	78.4	78.5	78.5	78.6	78.6
≥ 12000	73.8	78.5	78.9	79.2	79.5	79.5	79.7	79.7	79.7	80.0	80.0	80.0	80.1	80.1	80.2	80.2
≥ 10000	75.3	80.4	80.8	81.2	81.5	81.5	81.7	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.2	82.3
≥ 9000	76.2	81.7	82.1	82.5	82.8	82.8	83.0	83.0	83.0	83.3	83.3	83.3	83.4	83.4	83.5	83.5
≥ 8000	77.2	82.9	83.4	83.8	84.1	84.1	84.3	84.3	84.3	84.6	84.6	84.6	84.7	84.7	84.8	84.8
≥ 7000	77.9	83.7	84.2	84.6	84.9	84.9	85.1	85.1	85.1	85.4	85.4	85.4	85.5	85.5	85.6	85.6
≥ 6000	79.0	85.0	85.5	85.9	86.2	86.2	86.5	86.5	86.5	86.8	86.8	86.8	86.9	86.9	87.0	87.0
≥ 5000	80.0	86.1	86.7	87.1	87.4	87.4	87.6	87.6	87.6	87.9	87.9	87.9	88.0	88.0	88.1	88.1
≥ 4500	81.0	87.6	88.2	88.6	88.9	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.6	89.7
≥ 4000	82.1	89.2	89.8	90.3	90.6	90.6	90.8	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.4	91.4
≥ 3500	83.4	90.9	91.5	92.0	92.3	92.3	92.5	92.6	92.6	92.8	92.8	92.8	93.0	93.0	93.1	93.1
≥ 3000	84.4	92.3	92.9	93.4	93.8	93.8	94.0	94.0	94.0	94.3	94.3	94.3	94.4	94.4	94.5	94.6
≥ 2500	85.0	93.2	93.9	94.4	94.7	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.4	95.4	95.5	95.5
≥ 2000	85.6	94.3	95.1	95.6	95.9	95.9	96.2	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.8	96.8
≥ 1800	85.8	94.5	95.3	95.8	96.2	96.2	96.4	96.5	96.5	96.7	96.7	96.7	96.9	96.9	97.0	97.0
≥ 1500	85.9	95.0	95.7	96.3	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.4	97.4	97.5	97.5
≥ 1200	86.1	95.4	96.2	96.8	97.2	97.2	97.5	97.5	97.5	97.8	97.8	97.8	97.9	97.9	98.0	98.1
≥ 1000	86.3	95.6	96.5	97.1	97.5	97.5	97.8	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.4	98.4
≥ 900	86.3	95.7	96.7	97.3	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.6	98.6
≥ 800	86.3	95.9	96.9	97.6	98.0	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.8	98.8	98.9	98.9
≥ 700	86.4	96.1	97.1	97.8	98.3	98.3	98.5	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.1	99.2
≥ 600	86.4	96.2	97.2	98.0	98.5	98.5	98.7	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.3	99.4
≥ 500	86.4	96.3	97.3	98.1	98.6	98.6	98.9	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.5	99.5
≥ 400	86.4	96.4	97.5	98.2	98.7	98.7	99.1	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 300	86.4	96.4	97.5	98.2	98.7	98.7	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 200	86.4	96.4	97.5	98.2	98.7	98.8	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.9
≥ 100	86.4	96.4	97.5	98.2	98.7	98.8	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.9
≥ 0	86.4	96.4	97.5	98.2	98.7	98.8	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7627

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 70-77 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	63.7	67.7	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	78.3	83.1	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 18000	79.1	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	79.9	84.6	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	80.8	85.5	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000	81.0	86.0	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 10000	83.8	88.9	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000	84.9	90.1	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 8000	85.5	91.2	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	85.5	91.2	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 6000	86.3	92.1	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	86.9	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	87.8	94.3	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	88.8	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	90.3	97.0	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	90.4	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	90.7	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	91.1	98.3	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	91.2	98.4	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	91.2	98.4	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	91.2	98.4	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	91.2	98.6	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	91.2	98.6	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	91.4	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.4	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	91.4	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	91.4	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.4	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.4	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.4	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.4	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.4	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	62.1	68.9	69.4	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.3	70.3
≥ 20000	72.9	80.3	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6	81.6	81.8	81.8
≥ 18000	73.3	80.8	81.3	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.2	82.2
≥ 16000	74.2	81.7	82.2	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	83.1	83.1
≥ 14000	74.2	81.8	82.3	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.2	83.2
≥ 12000	75.1	82.7	83.2	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	84.1	84.1
≥ 10000	76.6	84.6	85.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	86.0	86.0
≥ 9000	77.4	86.6	87.1	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	88.0	88.0
≥ 8000	77.6	87.1	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.6	88.6
≥ 7000	77.9	87.6	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	89.0	89.0
≥ 6000	78.1	88.0	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.4	89.4
≥ 5000	78.8	89.4	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.7	90.7	90.9	90.9
≥ 4500	80.7	91.3	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.6	92.8	92.8
≥ 4000	81.9	93.4	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.9	94.9
≥ 3500	82.6	94.7	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9	96.1	96.1
≥ 3000	83.0	95.2	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.7	96.7
≥ 2500	83.4	95.9	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.3	97.3
≥ 2000	83.9	97.0	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.4	98.4
≥ 1800	84.0	97.3	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.8	98.8
≥ 1600	84.1	97.6	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	99.0	99.0
≥ 1400	84.2	97.7	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	99.1	99.1
≥ 1200	84.4	97.9	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.3	99.3
≥ 1000	84.6	98.1	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.6	99.6
≥ 900	84.8	98.3	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.8	99.8
≥ 800	84.8	98.3	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.8	99.8
≥ 700	84.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 600	84.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 500	84.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 400	84.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 300	84.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 200	84.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 100	84.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 000	84.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) /0-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥⅜	≥¼	≥0
NO CEILING	48.8	58.8	59.9	60.6	61.8	61.8	62.0	62.0	62.0	62.8	62.8	62.8	63.2	63.2	63.3	63.6
≥ 20000	58.6	70.8	72.4	73.4	74.7	74.7	74.9	74.9	74.9	75.7	75.7	75.7	76.1	76.1	76.2	76.4
≥ 18000	58.9	71.1	72.8	73.8	75.0	75.0	75.2	75.2	75.2	76.0	76.0	76.0	76.4	76.4	76.6	76.8
≥ 16000	59.4	71.8	73.4	74.4	75.7	75.7	75.9	75.9	75.9	76.7	76.7	76.7	77.1	77.1	77.2	77.4
≥ 14000	59.9	72.7	74.3	75.3	76.6	76.6	76.8	76.8	76.8	77.6	77.6	77.6	78.0	78.0	78.1	78.3
≥ 12000	60.7	73.9	75.6	76.6	77.8	77.8	78.0	78.0	78.0	78.8	78.8	78.8	79.2	79.2	79.3	79.6
≥ 10000	62.7	76.4	78.3	79.3	80.6	80.6	80.8	80.8	80.8	81.6	81.6	81.6	82.0	82.0	82.1	82.3
≥ 9000	63.2	77.2	79.1	80.1	81.3	81.3	81.6	81.6	81.6	82.3	82.3	82.3	82.8	82.8	82.9	83.1
≥ 8000	64.0	78.2	80.1	81.1	82.3	82.3	82.7	82.7	82.7	83.4	83.4	83.4	83.9	83.9	84.0	84.2
≥ 7000	64.9	79.1	81.0	82.0	83.2	83.2	83.6	83.6	83.6	84.3	84.3	84.3	84.8	84.8	84.9	85.1
≥ 6000	65.9	80.2	82.1	83.1	84.4	84.4	84.8	84.8	84.8	85.6	85.6	85.6	86.0	86.0	86.1	86.3
≥ 5000	66.4	81.3	83.2	84.2	85.6	85.6	85.9	85.9	85.9	86.7	86.7	86.7	87.2	87.2	87.3	87.6
≥ 4500	67.8	82.9	84.9	86.0	87.3	87.3	87.7	87.7	87.7	88.4	88.4	88.4	89.0	89.0	89.1	89.3
≥ 4000	68.6	84.1	86.1	87.2	88.6	88.6	88.9	88.9	88.9	89.7	89.7	89.7	90.2	90.2	90.3	90.6
≥ 3500	69.4	85.6	87.6	88.7	90.0	90.0	90.3	90.3	90.3	91.1	91.1	91.1	91.7	91.7	91.8	92.0
≥ 3000	70.1	86.4	88.4	89.6	90.9	90.9	91.2	91.2	91.2	92.0	92.0	92.0	92.6	92.6	92.7	92.9
≥ 2500	70.6	87.0	89.0	90.1	91.4	91.4	91.8	91.8	91.8	92.6	92.6	92.6	93.1	93.1	93.2	93.4
≥ 2000	71.2	88.0	90.2	91.3	92.7	92.7	93.0	93.0	93.0	93.8	93.8	93.8	94.3	94.3	94.4	94.7
≥ 1800	71.3	88.2	90.4	91.6	92.9	92.9	93.2	93.2	93.2	94.0	94.0	94.0	94.6	94.6	94.7	94.9
≥ 1500	71.6	88.7	90.9	92.2	93.6	93.6	93.9	93.9	93.9	94.7	94.7	94.7	95.2	95.2	95.3	95.6
≥ 1200	72.1	89.4	91.7	93.0	94.4	94.4	94.8	94.8	94.8	95.6	95.6	95.6	96.1	96.1	96.2	96.4
≥ 1000	72.2	89.7	91.9	93.2	94.7	94.7	95.0	95.0	95.0	95.8	95.8	95.8	96.3	96.3	96.4	96.7
≥ 900	72.4	90.1	92.3	93.7	95.3	95.3	95.7	95.7	95.7	96.4	96.4	96.4	97.0	97.0	97.1	97.3
≥ 800	72.6	90.2	92.6	93.9	95.7	95.7	96.0	96.0	96.0	96.8	96.8	96.8	97.3	97.3	97.4	97.7
≥ 700	72.7	90.7	93.2	94.7	96.6	96.6	96.9	96.9	96.9	97.7	97.7	97.7	98.2	98.2	98.3	98.6
≥ 600	72.7	90.7	93.2	94.9	96.8	96.8	97.1	97.1	97.1	97.9	97.9	97.9	98.4	98.4	98.6	98.8
≥ 500	72.7	90.8	93.3	95.0	97.0	97.0	97.3	97.3	97.3	98.1	98.1	98.1	98.7	98.7	98.8	99.0
≥ 400	72.7	91.1	93.7	95.3	97.4	97.6	98.0	98.0	98.0	98.8	98.8	98.8	99.3	99.3	99.4	99.6
≥ 300	72.7	91.1	93.7	95.3	97.4	97.6	98.0	98.0	98.0	98.8	98.8	98.8	99.4	99.4	99.6	99.9
≥ 200	72.7	91.1	93.7	95.3	97.4	97.6	98.0	98.1	98.1	98.9	98.9	98.9	99.6	99.6	99.7	100.0
≥ 100	72.7	91.1	93.7	95.3	97.4	97.6	98.0	98.1	98.1	98.9	98.9	98.9	99.6	99.6	99.7	100.0
≥ 0	72.7	91.1	93.7	95.3	97.4	97.6	98.0	98.1	98.1	98.9	98.9	98.9	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	59.2	67.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	71.9	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	72.1	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000	72.8	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	73.0	78.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	73.8	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	75.4	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	75.7	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	76.7	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000	77.4	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	79.1	85.4	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	80.4	87.3	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4500	82.1	89.3	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	82.3	90.0	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	83.9	92.0	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	84.4	92.8	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	84.9	93.7	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	86.4	95.7	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	86.9	96.2	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	87.6	97.1	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	87.9	97.7	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	87.9	97.7	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	87.9	97.8	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	87.9	98.0	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	87.9	98.1	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	87.9	98.1	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	87.9	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.9	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.9	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.9	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.9	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.9	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	60.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
≥ 20000	77.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6
≥ 18000	77.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 16000	77.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 14000	78.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 12000	80.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥ 10000	82.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 9000	82.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 8000	84.3	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 7000	84.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 6000	85.3	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 5000	86.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 4500	87.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 4000	87.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 3500	89.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 3000	90.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 2500	90.7	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 2000	91.3	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1800	91.3	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1500	91.3	98.4	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1200	91.3	98.6	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 1000	91.3	98.7	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 900	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 800	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 700	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	58.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	78.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	78.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 16000	78.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	79.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000	81.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	83.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	84.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	85.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000	86.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	87.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	88.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	89.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	89.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	90.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	91.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	91.2	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	91.5	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	91.5	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	91.5	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	61.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 20000	80.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	80.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	81.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	82.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	83.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000	84.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 9000	85.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000	86.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	87.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	88.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	89.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	90.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	91.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	91.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	92.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	92.4	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	92.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	92.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	93.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	93.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	84.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 14000	84.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 12000	85.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	86.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	88.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000	89.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	89.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000	90.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	91.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	93.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	93.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	94.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	95.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	95.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	95.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	95.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	95.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	95.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) APR (MONTH)

ALL (HOURS L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	60.5	64.5	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.4
≥ 20000	75.1	80.1	80.5	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 18000	75.4	80.4	80.8	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 16000	76.0	81.2	81.5	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.2
≥ 14000	76.6	81.8	82.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8
≥ 12000	77.6	83.0	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 10000	79.4	85.0	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.1	86.1
≥ 9000	80.2	86.2	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.3
≥ 8000	81.2	87.6	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.7	88.7
≥ 7000	81.8	88.3	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.4
≥ 6000	82.8	89.5	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.7
≥ 5000	83.5	90.8	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.9	91.9
≥ 4500	84.7	92.3	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.5
≥ 4000	85.4	93.3	93.7	93.9	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.5
≥ 3500	86.5	94.6	95.1	95.3	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 3000	87.0	95.4	95.9	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7
≥ 2500	87.4	96.1	96.6	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
≥ 2000	88.0	96.9	97.5	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
≥ 1800	88.1	97.1	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 1500	88.2	97.3	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 1200	88.4	97.6	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 1000	88.4	97.7	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 900	88.5	97.8	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 800	88.5	97.9	98.6	98.9	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6
≥ 700	88.6	98.0	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 600	88.6	98.0	98.7	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 500	88.6	98.0	98.7	99.1	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 400	88.6	98.1	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 300	88.6	98.1	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 200	88.6	98.1	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	88.6	98.1	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	88.6	98.1	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7196

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/8	≥½	≥0
NO CEILING	62.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	77.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 18000	77.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 16000	78.0	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	78.8	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 12000	82.0	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 10000	84.4	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 9000	87.1	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 8000	88.1	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 7000	88.4	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 6000	88.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	89.7	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	90.3	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	91.3	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	91.9	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	92.1	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	92.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	92.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	92.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	93.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	63.3	67.4	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000	78.2	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 18000	78.5	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 16000	79.1	84.8	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	80.2	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 12000	81.7	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 10000	82.7	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	83.7	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 8000	84.1	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	84.3	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	84.6	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	86.0	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	87.0	93.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	87.9	94.6	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	88.9	95.9	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	89.4	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	89.8	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	90.2	97.5	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	90.2	97.5	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	90.4	97.7	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	90.6	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	91.1	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	91.1	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	91.2	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	91.3	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	91.4	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	91.4	98.8	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	91.4	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	91.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	46.8	53.2	54.2	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.8
≥ 20000	63.4	73.0	74.3	75.4	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1
≥ 18000	63.5	73.1	74.4	75.5	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2
≥ 16000	65.3	75.1	76.3	77.4	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2
≥ 14000	66.5	76.2	77.5	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4
≥ 12000	68.6	78.7	80.0	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8
≥ 10000	70.8	81.4	82.7	83.8	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5
≥ 9000	72.6	83.5	84.8	85.9	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7
≥ 8000	73.4	84.7	86.0	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8
≥ 7000	75.1	86.3	87.6	88.7	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5
≥ 6000	75.9	87.2	88.5	89.6	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 5000	76.5	88.0	89.2	90.3	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1
≥ 4500	77.0	88.6	89.9	91.1	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8
≥ 4000	77.7	89.7	91.0	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0
≥ 3500	78.2	90.3	91.6	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7
≥ 3000	78.4	90.6	91.9	93.2	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0
≥ 2500	78.6	91.0	92.4	93.7	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4
≥ 2000	78.9	91.9	93.3	94.6	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4
≥ 1800	79.1	92.3	93.7	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7
≥ 1500	79.2	92.8	94.2	95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3
≥ 1200	79.7	93.8	95.3	96.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 1000	79.8	94.0	95.5	96.8	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
≥ 900	79.9	94.1	95.6	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8
≥ 800	80.1	94.7	96.2	97.5	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 700	80.3	95.2	96.7	98.0	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 600	80.3	95.2	96.7	98.0	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 500	80.3	95.4	96.9	98.2	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1
≥ 400	80.3	95.7	97.4	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
≥ 300	80.3	95.7	97.4	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8
≥ 200	80.3	95.7	97.4	98.7	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100	80.3	95.7	97.4	98.7	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	80.3	95.7	97.4	98.7	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	1¾	1½	1¼	1	¾	½	≥5/16	≥¼	0
NO CEILING	50.4	53.8	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	70.3	75.2	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 18000	70.6	75.6	76.0	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	71.8	76.9	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	72.9	78.1	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 12000	75.7	81.2	81.6	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	77.7	83.7	84.2	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	78.7	84.6	85.2	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	79.2	85.3	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	80.3	86.5	87.0	87.7	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	81.0	87.4	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	81.9	88.8	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	82.6	89.8	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	82.9	90.2	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	83.4	91.0	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	84.5	92.2	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	85.5	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	86.7	94.7	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	87.2	95.3	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	87.6	96.2	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	88.8	97.8	98.5	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	88.8	97.8	98.5	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	88.8	97.8	98.5	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	88.8	98.1	98.7	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	88.8	98.1	98.7	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	88.8	98.1	98.7	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	88.8	98.1	98.7	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.8	98.1	98.7	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.8	98.1	98.7	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.8	98.1	98.7	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.8	98.1	98.7	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	88.8	98.1	98.7	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	47.3	49.6	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	72.6	75.9	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 18000	72.6	75.9	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000	73.3	76.8	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	74.6	78.5	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	78.1	82.3	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	80.1	85.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9000	81.0	86.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	82.0	87.7	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	82.6	88.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	82.9	88.7	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	83.5	89.4	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	84.0	90.1	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	84.9	91.4	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	85.7	92.6	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	87.5	94.7	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	88.4	95.7	96.8	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	88.9	96.6	97.7	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1800	89.3	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1500	89.5	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1200	89.5	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 1000	89.5	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 900	89.5	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 800	89.5	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 700	89.5	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 600	89.5	97.2	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 500	89.5	97.2	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 400	89.5	97.2	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300	89.5	97.2	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	89.5	97.2	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	89.5	97.2	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	89.5	97.2	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

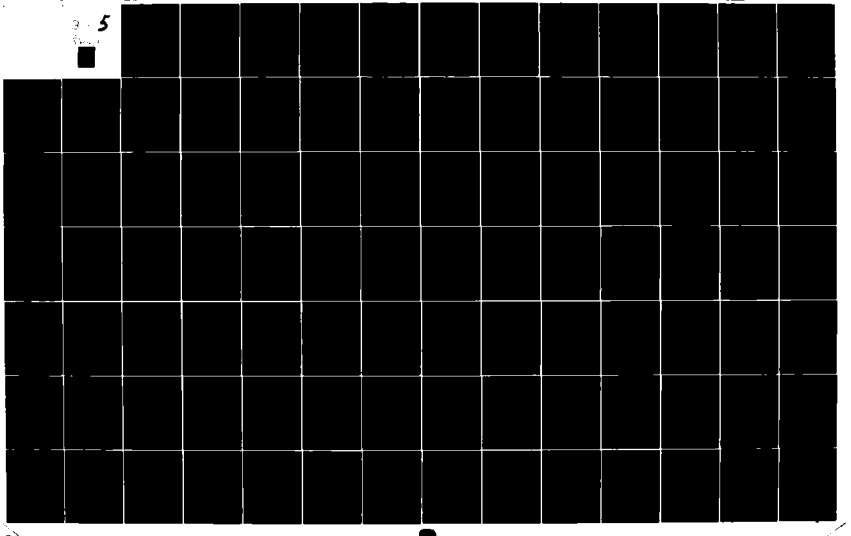
1500-1700 (HOURS L.S.T.)

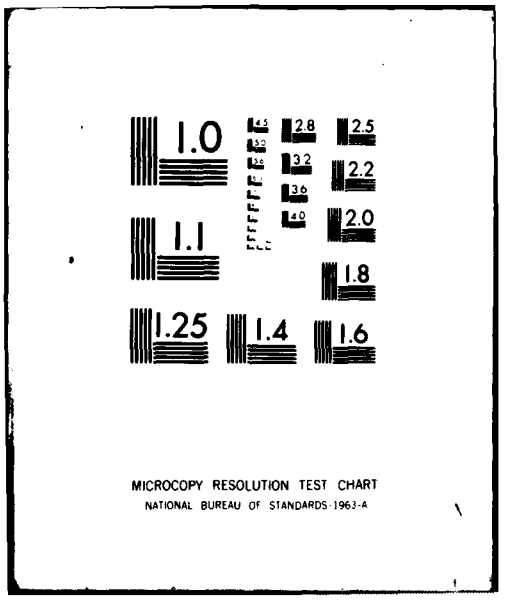
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥¾	≥½	≥¼	≥0	≥1	≥1¼	≥1½	≥1¾	≥2
NO CEILING	43.2	46.7	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.
≥ 20000	72.5	76.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.
≥ 18000	72.5	76.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.
≥ 16000	72.9	77.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.
≥ 14000	74.1	78.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.
≥ 12000	76.2	81.3	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.
≥ 10000	79.1	85.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.
≥ 9000	80.6	88.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.
≥ 8000	81.1	88.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.
≥ 7000	81.3	88.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.
≥ 6000	81.4	89.1	90.4	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.
≥ 5000	81.9	90.4	91.8	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.
≥ 4500	83.0	91.9	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.
≥ 4000	83.3	92.4	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.
≥ 3500	84.2	93.3	94.9	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.
≥ 3000	85.1	94.3	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.
≥ 2500	85.5	95.2	96.9	97.3	97.5	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.
≥ 2000	86.0	96.1	98.0	98.6	98.8	98.8	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.
≥ 1800	86.0	96.1	98.0	98.6	98.8	98.8	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.
≥ 1500	86.0	96.1	98.1	98.7	98.9	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1200	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 1000	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 900	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 800	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 700	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 600	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 500	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 400	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 300	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 200	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 100	86.1	96.3	98.3	98.9	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 0	86.1	96.5	98.4	99.0	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A081 403 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KSC SHUTTLE APT, TITUSVILLE, FLORIDA. REVISED UNIFORM SUMMARY O--ETC(U)
NOV 79
UNCLASSIFIED USAFETAC/DS-80/008 NL




1.0
1.1
1.25
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4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.9	45.8	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	70.4	75.1	75.5	75.7	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	70.7	75.3	75.7	75.9	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 16000	71.2	75.9	76.4	76.6	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	72.5	77.2	77.7	77.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	75.2	80.5	80.9	81.1	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000	79.1	85.5	86.1	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	80.7	88.3	88.9	89.1	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	81.6	89.2	89.8	90.0	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	82.2	90.1	90.6	90.8	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	82.8	90.9	91.5	91.7	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	84.1	92.4	93.0	93.2	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	85.2	93.7	94.3	94.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	85.7	94.5	95.0	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	86.2	95.1	95.7	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	86.7	96.2	96.8	97.0	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	87.1	96.7	97.2	97.5	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	87.3	97.1	97.7	98.1	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	87.3	97.1	97.7	98.1	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	87.3	97.3	98.0	98.3	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	87.4	97.5	98.2	98.5	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	87.4	97.5	98.2	98.5	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	87.4	97.5	98.2	98.5	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	87.4	97.5	98.2	98.5	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	87.4	97.5	98.2	98.5	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	87.4	97.6	98.3	98.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	87.4	97.6	98.3	98.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	87.4	97.6	98.3	98.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	87.4	97.6	98.3	98.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	87.4	97.6	98.3	98.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	87.4	97.6	98.3	98.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	87.4	97.6	98.3	98.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	54.8	56.5	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	73.4	75.7	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	73.7	76.1	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	73.9	76.3	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	74.8	77.3	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	77.1	80.2	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	80.3	83.8	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000	82.7	86.7	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 8000	84.1	88.9	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	84.5	89.2	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	85.1	90.1	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	86.0	91.3	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	87.8	93.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	88.0	94.0	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	88.8	95.0	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	89.8	96.1	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	90.9	97.4	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	91.0	97.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	91.0	97.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	91.3	98.0	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	91.4	98.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	91.4	98.1	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	91.4	98.1	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	91.4	98.1	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.4	98.1	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	91.4	98.1	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	91.4	98.1	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	91.4	98.1	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.4	98.1	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	91.4	98.1	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.4	98.1	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.4	98.1	99.2	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	51.4	54.9	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	72.2	77.1	77.7	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	72.4	77.3	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	73.2	78.2	78.9	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	74.3	79.4	80.0	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000	76.8	82.3	82.9	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	79.3	85.4	86.1	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	80.9	87.4	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000	81.7	88.5	89.2	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 7000	82.3	89.2	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	82.8	89.8	90.6	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000	83.7	90.9	91.8	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	84.6	92.1	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	85.2	93.0	93.8	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 3500	85.9	93.9	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	86.7	94.8	95.7	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	87.3	95.6	96.5	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 2000	87.7	96.3	97.3	97.8	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	87.9	96.5	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	88.1	96.6	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	88.3	97.2	98.2	98.8	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1000	88.4	97.3	98.3	98.9	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	88.4	97.3	98.3	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	88.5	97.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	88.5	97.5	98.5	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	88.5	97.6	98.6	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	88.5	97.6	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	88.5	97.7	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	88.5	97.7	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.5	97.7	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	88.5	97.7	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	88.5	97.7	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 09-78 (YEARS) JUN (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.8	59.4	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	79.2	80.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	79.4	81.2	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	79.9	81.7	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000	81.4	83.2	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	83.8	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	86.6	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	88.7	91.7	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	89.8	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	90.0	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	90.1	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	90.6	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	91.7	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	92.4	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	92.4	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	92.7	96.2	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	92.9	96.6	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	94.2	98.2	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	94.3	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	94.4	98.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	94.6	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	94.7	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	94.7	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	94.7	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	94.8	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.8	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.8	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.8	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.8	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.8	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.8	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.8	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	57.4	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	74.2	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 18000	74.2	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	75.3	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	76.9	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000	79.2	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000	82.3	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	83.9	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	84.6	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	85.2	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	85.6	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	86.0	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	86.7	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	87.2	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	87.6	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	88.1	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	88.6	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	88.9	97.2	97.6	97.7	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	89.1	97.6	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	89.2	98.1	98.4	98.7	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	89.4	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	89.7	98.6	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.9	98.8	99.1	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.3	51.9	53.7	54.1	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	62.8	73.3	75.6	76.2	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	63.6	74.1	76.4	77.1	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	65.7	76.4	78.8	79.4	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	67.4	78.3	80.7	81.3	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	70.9	82.3	84.7	85.3	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	73.4	85.6	88.0	88.7	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	74.4	86.7	89.2	89.9	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	75.0	87.7	90.3	91.0	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	75.8	88.6	91.2	91.9	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	76.1	89.0	91.7	92.3	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	76.3	89.6	92.2	92.9	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	76.8	90.1	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	77.1	90.8	93.4	94.1	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	77.2	90.9	93.6	94.2	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	77.7	91.4	94.1	94.8	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	77.7	91.7	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	78.3	92.9	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1800	78.6	93.1	95.9	96.6	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1500	78.7	93.7	96.4	97.1	97.4	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 1200	78.8	94.0	96.8	97.4	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 1000	78.8	94.1	96.9	97.7	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.6	98.6
≥ 900	78.8	94.2	97.0	97.8	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 800	78.8	94.2	97.0	97.8	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 700	78.8	94.3	97.1	97.9	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 600	79.0	94.6	97.3	98.1	98.4	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 500	79.0	94.8	97.7	98.4	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.6	99.6
≥ 400	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.8	99.8
≥ 300	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 200	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 100	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 0	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	44.3	51.9	53.7	54.1	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	62.8	73.3	75.6	76.2	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	63.6	74.1	76.4	77.1	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	65.7	76.4	78.8	79.4	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	67.4	78.3	80.7	81.3	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	70.9	82.3	84.7	85.3	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	73.4	85.6	88.0	88.7	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	74.4	86.7	89.2	89.9	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	75.0	87.7	90.3	91.0	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	75.8	88.6	91.2	91.9	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	76.1	89.0	91.7	92.3	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	76.3	89.6	92.2	92.9	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	76.8	90.1	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	77.1	90.6	93.4	94.1	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	77.2	90.9	93.6	94.2	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	77.7	91.4	94.1	94.8	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	77.7	91.7	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	78.3	92.9	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1800	78.6	93.1	95.9	96.6	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1500	78.7	93.7	96.4	97.1	97.4	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 1200	78.8	94.0	96.8	97.4	97.6	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 1000	78.8	94.1	96.9	97.7	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.6	98.6
≥ 900	78.8	94.2	97.0	97.8	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 800	78.8	94.2	97.0	97.8	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 700	78.8	94.3	97.1	97.9	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 600	79.0	94.6	97.3	98.1	98.4	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 500	79.0	94.8	97.7	98.4	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.6	99.6
≥ 400	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.8	99.8
≥ 300	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 200	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 100	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 0	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUN (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	47.6	51.9	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	70.3	75.8	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000	71.3	76.9	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	72.2	77.9	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	75.9	81.6	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	78.3	84.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	81.3	87.9	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	82.1	89.1	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	82.4	89.7	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	82.7	89.9	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	82.8	90.2	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	83.8	91.6	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	84.2	92.2	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	84.4	92.6	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	84.8	92.9	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	84.9	93.1	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	85.3	93.9	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	87.9	97.1	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	88.3	97.6	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	88.8	98.1	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	88.9	98.3	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	88.9	98.3	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.0	98.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12863 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUN (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	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	45.1	47.7	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 20000	70.0	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	70.6	75.3	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	71.2	76.2	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	74.6	80.4	80.6	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
≥ 12000	77.1	83.4	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000	79.1	85.8	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	80.7	87.4	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	81.1	88.3	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	81.3	88.6	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	81.7	89.0	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	82.6	90.1	90.7	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	82.8	90.4	91.1	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	83.0	90.9	91.6	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	83.6	91.9	92.6	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	84.8	93.7	94.4	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	85.8	94.8	95.6	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	86.9	96.8	97.8	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	87.1	97.2	98.2	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	87.2	97.7	98.7	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	87.2	97.7	98.7	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	87.2	97.7	98.7	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	87.2	97.7	98.7	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	87.4	97.9	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	87.4	97.9	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	87.4	97.9	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.4	97.9	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.4	97.9	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.4	97.9	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.4	97.9	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.4	97.9	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.4	97.9	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 10L 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-76 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	39.4	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	66.1	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	66.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	67.9	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	69.7	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	71.9	79.4	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	74.7	84.8	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	76.4	87.7	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	76.6	89.3	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	76.8	89.7	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	77.4	90.7	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	78.3	92.3	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	78.6	92.9	93.3	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	78.8	93.3	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	78.9	93.9	94.3	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	79.7	94.9	95.3	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	80.1	95.7	96.1	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	81.0	97.3	97.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	81.1	97.6	98.1	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	81.1	97.8	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	81.1	97.8	98.4	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	81.1	97.8	98.4	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	81.1	97.8	98.4	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	2	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	32.0	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	62.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	63.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	64.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	67.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000	72.1	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	76.7	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	79.2	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000	79.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	80.4	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	80.4	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	80.9	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	80.9	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	81.0	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	81.3	93.3	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 3000	81.7	94.7	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 2500	82.4	96.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 2000	83.2	97.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1800	83.2	97.4	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3
≥ 1500	83.3	97.6	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6
≥ 1200	83.3	97.7	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8
≥ 1000	83.4	97.8	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 900	83.4	97.8	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 800	83.4	97.8	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 700	83.4	97.8	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 600	83.4	97.8	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 500	83.4	97.8	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 400	83.4	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300	83.4	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	83.4	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	83.4	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	83.4	97.8	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-78 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	44.6	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	70.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	70.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	72.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	74.4	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000	78.9	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	82.9	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	85.1	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	87.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	88.1	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 6000	88.4	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	88.8	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	89.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	89.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	89.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	90.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	91.0	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	91.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	91.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	91.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	92.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	92.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	92.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	92.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	92.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	0
NO CEILING	46.2	49.0	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	69.5	74.3	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	69.9	74.8	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	71.1	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	73.5	78.9	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	76.5	82.6	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	79.6	86.8	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	81.3	89.0	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	82.1	90.2	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000	82.5	90.7	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 6000	82.8	91.2	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000	83.4	92.2	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	83.8	92.8	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	84.2	93.3	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	84.5	93.8	94.5	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	85.0	94.6	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	85.5	95.4	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2200	86.5	97.0	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	86.7	97.3	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	86.8	97.6	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	86.9	97.8	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1000	87.0	97.8	98.8	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	87.0	97.9	98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	87.1	97.9	98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	87.1	98.0	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	87.1	98.0	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	87.1	98.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	87.1	98.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	87.1	98.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	87.1	98.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	87.1	98.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	87.1	98.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	84.7	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 18000	84.7	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 16000	86.0	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 14000	88.6	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 12000	92.0	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 10000	94.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 9000	95.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 8000	95.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	95.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	96.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	96.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4500	96.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	96.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	96.8	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	96.8	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	96.8	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	71.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000	85.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000	85.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 16000	86.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 14000	88.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 12000	92.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 10000	93.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 9000	94.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 7000	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	95.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	95.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	96.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	96.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	96.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	96.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	96.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	96.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	96.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	96.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	96.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	96.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	96.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	55.4	58.6	59.1	59.4	59.4	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	77.0	82.3	82.8	83.2	83.2	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	77.3	82.6	83.1	83.5	83.5	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 16000	78.7	84.1	84.6	85.1	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 14000	82.0	87.6	88.2	88.6	88.7	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 12000	85.1	90.9	91.4	91.8	91.9	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10000	87.7	93.7	94.2	94.6	94.7	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 9000	88.2	94.2	94.7	95.2	95.3	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 8000	88.5	94.5	95.1	95.6	95.7	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	88.5	94.6	95.2	95.7	95.9	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	88.6	94.7	95.3	95.8	96.0	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 5000	88.7	94.9	95.5	96.0	96.2	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	88.9	95.2	95.7	96.2	96.5	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	89.1	95.5	96.1	96.8	97.0	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	89.2	95.6	96.2	97.0	97.2	97.4	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	89.2	95.7	96.3	97.1	97.3	97.5	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	89.4	95.8	96.5	97.2	97.4	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	90.0	96.6	97.2	98.0	98.2	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	90.0	96.6	97.2	98.0	98.2	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	90.2	96.9	97.5	98.5	98.7	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	90.3	97.0	97.6	98.6	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	90.3	97.0	97.6	98.6	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	90.3	97.0	97.6	98.6	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	90.4	97.1	97.7	98.7	98.9	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	90.5	97.2	97.8	98.8	99.0	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	90.5	97.2	97.8	98.8	99.0	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.5	97.2	97.8	98.8	99.0	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.5	97.2	97.8	98.8	99.0	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.5	97.2	97.8	98.8	99.0	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.5	97.2	97.8	98.8	99.0	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.5	97.2	97.8	98.8	99.0	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.5	97.2	97.8	98.8	99.0	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-78 (YEARS) JUL (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	50.8	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	75.2	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	75.9	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	78.2	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	82.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	86.0	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 10000	88.5	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 9000	89.5	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 8000	90.2	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	90.3	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 6000	90.5	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	90.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	91.0	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	91.1	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	91.5	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	91.9	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	92.4	96.8	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	94.0	98.7	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	94.2	98.9	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	94.2	98.9	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	94.2	98.9	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	94.2	98.9	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1600 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	43.3	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	74.1	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	74.7	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	75.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	79.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	82.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	84.3	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	85.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	86.0	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	86.1	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	86.8	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	86.8	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	87.2	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	87.3	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	87.5	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	88.6	95.6	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	88.8	96.7	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 2000	90.5	98.6	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1800	90.6	98.7	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1500	90.6	98.7	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1200	90.6	98.7	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	90.6	98.7	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	90.6	98.8	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10L64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	41.0	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	68.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	68.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	69.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	73.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000	77.4	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 10000	79.7	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	80.4	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	81.8	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	81.8	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	82.0	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	82.0	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	82.3	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	82.5	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	82.9	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	83.5	95.3	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	83.9	95.9	96.3	96.8	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	84.3	97.2	97.7	98.2	98.5	98.5	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	84.3	97.4	98.0	98.4	98.7	98.7	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	84.3	97.5	98.1	98.5	98.8	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	84.3	97.6	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC FORM 101 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	70.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	70.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	71.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	74.4	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	78.0	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	79.9	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	81.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	82.9	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	82.9	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	83.1	94.0	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	83.2	94.1	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	83.3	94.3	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	83.7	94.8	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	83.8	95.2	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	84.3	95.8	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	84.3	96.0	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	84.8	97.2	98.0	98.2	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	84.9	97.3	98.1	98.3	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1500	84.9	97.4	98.2	98.4	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1200	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 1000	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 900	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 800	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 700	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 600	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 500	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 400	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 300	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 200	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 100	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 0	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (MONTH)

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	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	78.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 18000	79.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	79.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	82.2	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
≥ 12000	85.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 10000	88.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	91.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 8000	91.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000	91.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 6000	91.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	91.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	91.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	91.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	92.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	92.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	92.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	92.2	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	92.3	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	92.3	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	92.3	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS I.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	52.5	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	76.8	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	77.1	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	78.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	81.4	84.8	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	84.9	89.2	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 10000	87.0	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000	88.3	93.9	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	88.9	94.8	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	89.0	94.9	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	89.3	95.2	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	89.4	95.4	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500	89.6	95.8	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	89.8	96.1	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	90.0	96.5	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	90.4	96.9	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	90.5	97.4	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	91.2	98.4	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1800	91.3	98.5	98.9	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1500	91.3	98.5	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	91.3	98.6	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	91.4	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	91.4	98.6	99.1	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	91.4	98.7	99.1	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.4	98.7	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	91.4	98.7	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	91.4	98.7	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	91.4	98.7	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.4	98.7	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.4	98.7	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.4	98.7	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	91.4	98.7	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	66.4	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	81.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 18000	82.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 16000	82.3	86.4	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000	83.7	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 12000	87.5	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 10000	89.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	90.7	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 8000	91.0	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 7000	91.4	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	91.5	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	91.8	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	91.9	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	92.1	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	92.1	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	92.2	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	92.9	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	93.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	93.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	93.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	70.8	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1
≥ 20000	84.4	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2
≥ 18000	84.6	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.5
≥ 16000	85.5	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3
≥ 14000	86.8	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9
≥ 12000	88.5	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.7
≥ 10000	89.8	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.7
≥ 9000	91.4	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4
≥ 8000	91.6	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7
≥ 7000	91.7	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8
≥ 6000	91.7	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8
≥ 5000	91.8	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2
≥ 4500	92.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7
≥ 4000	92.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7
≥ 3500	92.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 3000	92.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0
≥ 2500	92.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1
≥ 2000	92.5	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1800	92.5	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1500	92.6	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1200	92.6	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1000	92.6	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 900	92.6	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 800	92.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	92.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	92.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	92.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	92.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	92.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	92.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	92.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	92.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-76 AUG
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	0
NO CEILING	58.9	64.2	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.2
≥ 20000	76.1	83.1	83.9	84.3	84.6	84.6	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.2
≥ 18000	76.9	83.9	84.6	85.1	85.4	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.9
≥ 16000	78.1	85.3	86.0	86.5	86.8	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.3
≥ 14000	80.6	88.1	88.8	89.2	89.6	89.6	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.1
≥ 12000	82.3	89.9	90.6	91.1	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.9
≥ 10000	84.7	92.8	93.7	94.1	94.4	94.4	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.9
≥ 9000	86.0	94.1	94.9	95.4	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.2
≥ 8000	86.8	94.9	95.8	96.2	96.6	96.6	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 7000	87.1	95.3	96.1	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 6000	87.1	95.5	96.3	96.8	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 5000	87.1	95.8	96.7	97.1	97.4	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	98.0
≥ 4500	87.1	96.1	97.0	97.4	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.3
≥ 4000	87.1	96.2	97.1	97.6	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 3500	87.2	96.3	97.2	97.7	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 3000	87.3	96.5	97.3	97.8	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.7
≥ 2500	87.4	96.6	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 2000	87.7	97.1	98.0	98.5	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.4
≥ 1800	87.7	97.1	98.0	98.5	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.4
≥ 1500	87.7	97.1	98.0	98.5	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.4
≥ 1200	87.8	97.2	98.1	98.7	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 1000	87.8	97.2	98.1	98.7	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 900	88.0	97.3	98.2	98.9	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 800	88.1	97.4	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 700	88.1	97.4	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 600	88.1	97.4	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 500	88.1	97.4	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	88.2	97.5	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 300	88.2	97.5	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 200	88.2	97.5	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100	88.2	97.5	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	88.2	97.5	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-78 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	57.4	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	78.7	81.4	81.9	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
≥ 18000	79.4	82.0	82.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 16000	80.1	82.8	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	83.9	86.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 12000	86.1	89.2	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	89.2	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 9000	90.8	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	91.2	94.6	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	91.3	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000	91.4	94.8	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	91.4	94.9	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	91.4	95.1	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	91.5	95.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	91.6	95.3	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	91.6	95.3	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	92.0	95.8	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	94.1	98.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	94.1	98.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	94.1	98.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	94.4	98.6	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	94.5	98.7	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	94.6	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	94.6	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	94.6	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	94.6	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	94.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12864 KSC SHUTTLE APT FL 69-78 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	52.9	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	78.2	81.8	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
≥ 18000	78.3	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 16000	79.1	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 14000	81.2	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	83.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000	87.0	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 9000	88.2	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	88.8	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7000	89.1	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 6000	89.2	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	89.2	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	89.5	95.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	89.6	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	89.8	95.5	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	90.1	95.8	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	90.5	96.3	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	92.0	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1800	92.2	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1500	92.2	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1200	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1000	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	92.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1286P KSC SHUTTLE APT FL 69-78 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0	≥5/16	≥¼	≥0
NO CEILING	43.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 20000	70.2	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	70.6	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	71.0	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	72.4	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	76.3	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	80.3	88.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	81.4	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 8000	81.8	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	81.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	82.3	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	82.4	92.8	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	82.5	93.0	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	82.6	93.2	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	82.9	93.5	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	83.7	94.7	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	83.7	95.1	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	84.3	96.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1800	84.5	97.1	98.5	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 1500	84.5	97.2	98.6	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1200	84.5	97.3	98.8	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1000	84.5	97.3	98.8	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	84.5	97.3	98.8	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	2	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥0
NO CEILING	42.6	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	70.6	75.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	71.6	76.6	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
≥ 16000	72.2	77.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	75.0	80.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	78.3	85.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000	81.4	89.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	82.7	91.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 8000	83.7	93.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 7000	83.7	93.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 6000	84.2	94.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	84.3	94.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	84.5	94.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 4000	84.6	94.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 3500	84.8	95.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 3000	85.5	95.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 2500	85.8	96.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 2000	85.9	96.9	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 1800	85.9	97.0	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 1500	85.9	97.0	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.5
≥ 1200	86.0	97.2	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8
≥ 1000	86.0	97.2	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.8
≥ 900	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0
≥ 800	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0
≥ 700	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0
≥ 600	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0
≥ 500	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0
≥ 400	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0
≥ 300	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0
≥ 200	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0
≥ 100	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0
≥ 0	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	2	≥1½	≥1	≥¾	≥⅝	½	≥5/16	≥¼	≥0
NO CEILING	57.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000	76.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	77.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	77.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	79.5	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	83.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 10000	87.3	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	88.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	89.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 7000	89.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	89.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 5000	90.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	90.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	90.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	90.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	91.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	91.3	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	91.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	91.8	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	91.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	92.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-76 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	56.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9
≥ 20000	77.1	81.6	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 18000	77.6	82.2	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 16000	78.2	82.9	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 14000	80.4	85.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	83.3	88.6	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 10000	86.1	92.3	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	87.4	94.0	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	88.0	94.8	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 7000	88.4	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	88.4	95.3	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 5000	88.5	95.5	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 4500	88.7	95.8	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 4000	88.8	96.0	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	88.9	96.2	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	89.2	96.6	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 2500	89.5	97.0	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 2000	90.2	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 1800	90.3	98.2	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 1500	90.3	98.3	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1200	90.4	98.4	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1000	90.4	98.5	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 900	90.4	98.5	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 800	90.4	98.5	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 700	90.4	98.5	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 600	90.4	98.5	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 500	90.4	98.5	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 400	90.5	98.5	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	90.5	98.5	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	90.5	98.5	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	90.5	98.5	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	90.5	98.5	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

1286R (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) SEP (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	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	63.1	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	77.9	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	78.0	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	78.3	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	79.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000	82.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 10000	85.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	86.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	88.0	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	88.3	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	88.6	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	88.9	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	89.2	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	89.9	94.4	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	90.8	95.3	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	91.2	95.9	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	91.7	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	92.3	97.9	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	92.8	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	92.8	98.7	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
NO CEILING	65.0	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	80.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 18000	80.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 16000	81.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	81.7	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	84.2	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	86.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	88.0	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	89.2	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 7000	89.6	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	89.7	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	90.1	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	90.4	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	90.8	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	91.0	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	91.0	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	91.2	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	92.2	97.1	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1800	92.2	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1500	92.3	98.0	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1200	92.4	98.4	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1000	92.4	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	92.4	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	92.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	92.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	92.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	92.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	92.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	92.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	92.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	92.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	92.4	98.8	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 09-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	54.0	59.1	59.7	60.1	60.4	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	70.0	76.4	77.2	77.9	78.4	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	70.3	76.8	77.6	78.2	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 16000	70.9	77.3	78.1	79.1	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	72.9	79.7	80.4	81.4	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	75.1	82.7	83.6	84.7	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 10000	77.4	85.0	86.1	87.3	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	78.3	86.9	88.0	89.2	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000	78.9	87.8	88.9	90.1	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	79.7	88.7	89.9	91.1	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	79.7	89.0	90.3	91.6	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000	80.3	90.2	91.6	92.8	93.3	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	80.8	90.8	92.1	93.3	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	80.9	91.2	92.6	93.8	94.3	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	80.9	91.3	92.7	93.9	94.4	94.4	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	81.0	91.7	93.0	94.2	94.8	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	81.3	92.2	93.6	94.8	95.3	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	82.1	93.8	95.1	96.3	96.9	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	82.6	94.4	95.8	97.0	97.6	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	82.8	94.9	96.4	97.7	98.2	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	82.8	95.1	96.7	98.0	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	82.9	95.3	96.9	98.2	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	82.9	95.3	96.9	98.2	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	82.9	95.3	96.9	98.2	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	83.0	95.4	97.0	98.3	98.9	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	83.0	95.6	97.1	98.4	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	83.0	95.6	97.1	98.4	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	83.0	95.7	97.2	98.6	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	83.0	95.8	97.4	98.8	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.0	95.8	97.4	98.8	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.0	95.8	97.4	98.8	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.0	95.8	97.4	98.8	99.3	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	53.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	73.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	74.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	74.8	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	76.7	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	79.7	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000	81.7	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	82.1	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000	83.1	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	84.1	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	84.2	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	84.3	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	84.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	84.9	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	84.9	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	85.3	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	85.7	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 2000	88.1	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1800	89.0	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1500	89.1	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1200	89.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1000	89.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 900	89.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 800	89.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700	89.4	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	89.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	89.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	89.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	89.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	89.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	89.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	89.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	49.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	76.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	76.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 16000	77.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	78.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	81.2	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	83.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9000	83.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	84.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	84.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	85.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 5000	85.3	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	85.7	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	85.7	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	85.8	93.0	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	86.7	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	87.7	95.1	95.2	95.2	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	89.9	98.4	98.6	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	90.0	98.9	99.0	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	90.1	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	90.1	99.1	99.3	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.1	99.2	99.4	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	1¾	1½	1¼	1	¾	½	≤5/16	≥¼	≥0
NO CEILING	44.9	47.0	47.0	47.0	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	72.2	75.3	75.3	75.3	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	72.3	75.4	75.4	75.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 16000	72.9	76.0	76.0	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	74.2	77.7	77.7	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	77.7	82.1	82.1	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	80.9	87.1	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 9000	82.0	90.2	90.2	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	83.7	92.9	92.9	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	83.9	93.3	93.3	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	83.9	93.3	93.3	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	84.3	94.0	94.0	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	84.4	94.3	94.3	94.3	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	84.7	94.8	94.9	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	84.9	95.2	95.4	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	85.2	95.8	96.0	96.0	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	85.8	96.8	97.0	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-76 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1/4	≥0
NO CEILING	47.6	49.2	49.2	49.2	49.2	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	71.1	74.1	74.1	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	71.1	74.2	74.3	74.3	74.3	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	71.6	74.9	75.0	75.0	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	72.9	76.7	76.8	76.8	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	75.1	79.9	79.9	79.9	79.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	77.6	83.9	84.1	84.1	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	79.6	86.9	87.1	87.1	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	80.6	88.4	88.7	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	80.8	89.2	89.4	89.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	81.0	89.4	89.7	89.7	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	81.6	90.1	90.3	90.3	90.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	82.3	91.0	91.2	91.2	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	82.9	91.9	92.1	92.3	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	83.4	92.6	93.0	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	84.6	93.9	94.3	94.7	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	85.6	95.0	95.6	96.0	96.2	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	86.2	96.6	97.3	97.8	98.0	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	86.2	97.0	97.8	98.2	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	86.2	97.7	98.4	98.9	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	86.3	97.8	98.6	99.0	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL 69-73 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	55.6	56.6	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	75.4	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	75.5	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	75.6	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	76.8	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	79.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 10000	83.2	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	84.6	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	85.9	89.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	86.2	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	86.4	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	87.1	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4500	87.5	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	88.1	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	88.9	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	89.4	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	90.0	96.2	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	90.1	97.4	97.8	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 1800	90.1	98.1	98.4	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1500	90.3	98.8	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1200	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1000	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-78 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY IN STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	¾	½	¼	0			
NO CEILING	54.2	56.5	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	74.6	77.7	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	74.8	78.1	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	75.3	78.6	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 14000	76.6	80.2	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	79.3	83.4	83.6	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	82.0	87.0	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	83.1	88.8	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	84.2	90.4	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000	84.7	91.1	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 6000	84.8	91.2	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	85.2	91.9	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	85.6	92.4	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	86.0	93.1	93.5	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	86.3	93.6	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	86.8	94.3	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	87.4	95.0	95.5	95.7	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	88.5	97.1	97.6	97.9	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	88.7	97.7	98.2	98.5	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	88.8	98.1	98.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1200	88.8	98.2	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	88.8	98.3	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	88.9	98.3	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	88.9	98.4	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	88.9	98.4	99.0	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	88.9	98.4	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	88.9	98.5	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	88.9	98.5	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	88.9	98.5	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.9	98.5	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.9	98.5	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.9	98.5	99.1	99.4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 9-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	59.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	72.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	72.5	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	72.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	73.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	75.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	78.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	81.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000	82.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	83.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	84.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	85.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4500	87.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	89.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	90.4	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	91.6	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	92.6	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	93.2	98.8	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	93.2	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	93.3	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	93.4	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	93.4	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	93.4	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	93.4	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	93.4	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	93.4	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	93.4	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	93.4	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.5	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.5	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.5	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.5	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-78 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
NO CEILING	59.8	61.8	62.3	62.6	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.3	63.3
≥ 20000	70.3	72.9	73.4	73.7	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.4	74.4
≥ 18000	70.6	73.1	73.7	74.1	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.7	74.7
≥ 16000	70.8	73.4	74.1	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	75.0	75.0
≥ 14000	71.7	74.3	74.9	75.2	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.9	75.9
≥ 12000	73.5	76.1	76.7	77.1	77.2	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.8	77.8
≥ 10000	76.1	78.8	79.4	79.8	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.5	80.5
≥ 9000	77.8	80.7	81.4	81.7	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.5	82.5
≥ 8000	79.7	83.2	83.9	84.2	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.9	84.9
≥ 7000	80.3	84.1	84.7	85.0	85.1	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.8	85.8
≥ 6000	81.2	84.9	85.6	85.9	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.7	86.7
≥ 5000	83.3	87.4	88.1	88.4	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	89.1	89.1
≥ 4500	84.2	88.4	89.0	89.3	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.1	90.1
≥ 4000	86.1	90.4	91.3	91.6	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.4	92.4
≥ 3500	87.4	92.4	93.1	93.4	93.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.2	94.2
≥ 3000	88.2	93.4	94.3	94.7	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.8	95.8
≥ 2500	88.7	94.6	95.5	95.9	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	97.0	97.0
≥ 2000	89.0	96.2	97.1	97.5	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.6	98.6
≥ 1800	89.1	96.4	97.3	97.7	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.8	98.8
≥ 1500	89.5	96.9	97.7	98.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.2	99.2
≥ 1200	89.5	97.2	98.1	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
≥ 1000	89.5	97.2	98.1	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
≥ 900	89.5	97.2	98.1	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
≥ 800	89.5	97.2	98.1	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
≥ 700	89.5	97.2	98.1	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
≥ 600	89.5	97.2	98.1	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.6
≥ 500	89.6	97.3	98.2	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.7	99.7
≥ 400	89.7	97.5	98.4	98.8	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 300	89.7	97.5	98.4	98.8	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
≥ 200	89.7	97.5	98.4	98.8	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
≥ 100	89.7	97.5	98.4	98.8	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
≥ 0	89.7	97.5	98.4	98.8	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12863 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	44.6	49.6	50.0	50.3	50.6	50.9	51.4	51.6	51.6	51.7	51.7	51.7	52.2	52.2	52.2	52.2
≥ 20000	59.8	65.9	66.6	66.9	67.2	67.4	68.0	68.2	68.2	68.3	68.3	68.3	68.7	68.7	68.7	68.7
≥ 18000	60.1	66.3	67.0	67.3	67.6	67.8	68.4	68.6	68.6	68.7	68.7	68.7	69.1	69.1	69.1	69.1
≥ 16000	60.2	66.5	67.1	67.4	67.7	68.0	68.7	68.9	68.9	69.0	69.0	69.0	69.5	69.5	69.5	69.5
≥ 14000	62.4	68.7	69.4	69.7	70.0	70.2	71.0	71.2	71.2	71.3	71.3	71.3	71.7	71.7	71.7	71.7
≥ 12000	64.6	71.2	71.8	72.2	72.5	72.7	73.4	73.7	73.7	73.8	73.8	73.8	74.2	74.2	74.2	74.2
≥ 10000	66.2	73.4	74.1	74.4	74.7	74.9	75.7	75.9	75.9	76.0	76.0	76.0	76.5	76.5	76.5	76.5
≥ 9000	68.4	75.6	76.2	76.6	76.9	77.1	77.8	78.1	78.1	78.2	78.2	78.2	78.6	78.6	78.6	78.6
≥ 8000	70.1	77.8	78.5	78.8	79.1	79.4	80.1	80.3	80.3	80.4	80.4	80.4	80.9	80.9	80.9	80.9
≥ 7000	71.5	79.5	80.1	80.4	80.8	81.0	81.7	81.9	81.9	82.0	82.0	82.0	82.5	82.5	82.5	82.5
≥ 6000	73.4	81.6	82.3	82.6	82.9	83.1	83.9	84.1	84.1	84.2	84.2	84.2	84.6	84.6	84.6	84.6
≥ 5000	75.9	84.8	85.5	85.8	86.1	86.3	87.1	87.3	87.3	87.4	87.4	87.4	87.8	87.8	87.8	87.8
≥ 4500	77.3	86.6	87.2	87.5	87.8	88.1	88.8	89.0	89.0	89.1	89.1	89.1	89.6	89.6	89.6	89.6
≥ 4000	78.7	88.5	89.1	89.5	89.8	90.0	90.8	91.0	91.0	91.1	91.1	91.1	91.5	91.5	91.5	91.5
≥ 3500	79.7	89.9	90.5	90.9	91.2	91.4	92.2	92.4	92.4	92.5	92.5	92.5	92.9	92.9	92.9	92.9
≥ 3000	80.5	91.0	91.7	92.2	92.6	92.8	93.5	93.8	93.8	93.9	93.9	93.9	94.3	94.3	94.3	94.3
≥ 2500	80.6	91.4	92.2	92.6	93.0	93.2	94.0	94.2	94.2	94.3	94.3	94.3	94.7	94.7	94.7	94.7
≥ 2000	81.4	93.4	94.3	95.1	95.5	95.7	96.5	96.7	96.7	96.8	96.8	96.8	97.2	97.2	97.2	97.2
≥ 1800	81.4	93.4	94.4	95.2	95.6	95.8	96.6	96.8	96.8	97.1	97.1	97.1	97.5	97.5	97.5	97.5
≥ 1500	81.4	93.4	94.4	95.2	95.6	95.8	96.6	96.8	96.8	97.1	97.1	97.1	97.5	97.5	97.5	97.5
≥ 1200	81.5	93.9	94.8	95.6	96.0	96.2	97.0	97.2	97.2	97.5	97.5	97.5	98.0	98.0	98.0	98.0
≥ 1000	81.6	94.0	94.9	95.7	96.1	96.3	97.1	97.3	97.3	97.6	97.6	97.6	98.1	98.1	98.1	98.1
≥ 900	81.6	94.0	94.9	95.7	96.1	96.3	97.1	97.3	97.3	97.6	97.6	97.6	98.1	98.1	98.1	98.1
≥ 800	81.6	94.1	95.1	95.8	96.2	96.5	97.2	97.4	97.4	97.7	97.7	97.7	98.2	98.2	98.2	98.2
≥ 700	81.7	94.2	95.2	95.9	96.3	96.6	97.3	97.5	97.5	97.8	97.8	97.8	98.3	98.3	98.3	98.3
≥ 600	81.8	94.4	95.4	96.1	96.6	96.8	97.5	97.7	97.7	98.1	98.1	98.1	98.5	98.5	98.5	98.5
≥ 500	81.9	94.6	95.6	96.3	96.8	97.0	97.8	98.1	98.1	98.4	98.4	98.4	98.8	98.8	98.8	98.8
≥ 400	81.9	94.6	95.7	96.7	97.1	97.3	98.2	98.7	98.7	99.0	99.0	99.0	99.5	99.5	99.5	99.5
≥ 300	81.9	94.6	95.8	96.8	97.2	97.4	98.4	98.9	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8
≥ 200	81.9	94.6	95.8	96.8	97.2	97.4	98.4	98.9	98.9	99.4	99.4	99.4	99.9	99.9	100.0	100.0
≥ 100	81.9	94.6	95.8	96.8	97.2	97.4	98.4	98.9	98.9	99.4	99.4	99.4	99.9	99.9	100.0	100.0
≥ 0	81.9	94.6	95.8	96.8	97.2	97.4	98.4	98.9	98.9	99.4	99.4	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	48.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000	64.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	64.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	65.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	67.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	70.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	72.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	73.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	75.7	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	77.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	79.5	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	81.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	83.0	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	85.1	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	86.2	93.3	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	86.9	94.2	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	87.2	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	88.5	96.8	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	88.8	97.4	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	88.8	97.5	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	88.9	97.7	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	88.9	98.1	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	88.9	98.1	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	89.0	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2
≥ 700	89.0	98.5	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5
≥ 600	89.0	98.5	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 500	89.0	98.5	98.9	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	89.0	98.5	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	89.0	98.5	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	89.0	98.5	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	89.0	98.5	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	89.0	98.5	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1/4	≥0
NO CEILING	46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000	66.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	66.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	67.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	69.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	71.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	74.2	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
≥ 9000	76.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	78.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	79.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	81.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	82.9	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	84.7	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	85.9	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	87.3	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	88.3	93.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 2500	89.1	95.1	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 2000	90.8	97.2	97.3	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 1800	91.1	98.0	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1500	91.3	98.2	98.3	98.5	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1200	91.3	98.3	98.5	98.6	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1000	91.3	98.3	98.5	98.6	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 900	91.3	98.3	98.5	98.6	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	91.3	98.3	98.5	98.6	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	91.3	98.3	98.5	98.6	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	91.3	98.3	98.5	98.6	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	91.3	98.3	98.5	98.6	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	91.3	98.3	98.5	98.6	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.3	98.3	98.5	98.6	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.3	98.3	98.5	98.6	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.3	98.3	98.5	98.6	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	91.3	98.3	98.5	98.6	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 09-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	44.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	62.7	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
≥ 18000	62.7	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
≥ 16000	63.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	65.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	67.5	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000	72.3	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	74.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	77.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	78.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	80.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	82.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	82.9	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	84.1	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	85.4	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	86.5	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	87.5	95.8	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	88.2	97.0	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	88.3	97.6	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	88.3	98.1	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	88.4	98.4	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	88.4	98.4	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	88.4	98.4	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	88.4	98.4	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	88.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	88.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	88.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	88.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	88.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	88.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	88.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	88.4	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	64.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	64.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	65.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	66.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	68.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	72.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	75.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 8000	77.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	78.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	80.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	81.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	83.2	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	84.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	85.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	86.8	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	87.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	87.8	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	88.4	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	88.5	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	88.6	99.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	88.6	99.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	88.6	99.0	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	88.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	88.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	88.6	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	88.6	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.6	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.6	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.6	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.6	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.6	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) OCT (MONTH)

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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	57.5	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	68.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	68.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	68.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	69.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	71.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	74.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 9000	77.1	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	79.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	80.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	82.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	84.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	85.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	87.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	89.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	89.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	91.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	93.0	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	93.3	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	93.4	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	51.4	53.5	53.6	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0
≥ 20000	66.1	68.8	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
≥ 18000	66.2	68.9	69.1	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5
≥ 16000	66.6	69.5	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 14000	68.1	71.1	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 12000	70.3	73.5	73.6	73.7	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1
≥ 10000	73.1	76.8	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 9000	75.5	79.5	79.7	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 8000	77.6	82.1	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 7000	78.7	83.3	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	80.4	85.4	85.6	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 5000	82.2	87.6	87.8	87.9	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 4500	83.5	89.2	89.4	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 4000	85.2	91.2	91.5	91.6	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0
≥ 3500	86.4	92.7	93.0	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 3000	87.3	93.9	94.2	94.3	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 2500	88.0	95.1	95.4	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 2000	89.0	96.8	97.2	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1800	89.2	97.4	97.8	98.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1500	89.3	97.6	98.0	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1200	89.4	97.9	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1000	89.4	97.9	98.4	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	89.4	97.9	98.4	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	89.4	98.0	98.4	98.8	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	89.4	98.1	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 600	89.4	98.1	98.5	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 500	89.5	98.1	98.6	98.9	99.3	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 400	89.5	98.1	98.6	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	89.5	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	89.5	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	89.5	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	89.5	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	2	≥1½	≥1	≥¾	≥½	¼	≥0 &	≥¼	≥0
NO CEILING	55.6	59.6	59.9	60.1	60.4	60.4	60.7	60.7	60.7	61.0	61.0	61.0	61.2	61.2	61.3	61.3
≥ 20000	63.6	68.1	68.6	68.8	69.1	69.1	69.3	69.3	69.3	69.8	69.8	69.8	70.2	70.2	70.3	70.3
≥ 18000	63.6	68.1	68.6	68.8	69.1	69.1	69.3	69.3	69.3	69.8	69.8	69.8	70.2	70.2	70.3	70.3
≥ 16000	63.8	68.3	68.8	69.0	69.3	69.3	69.6	69.6	69.6	70.0	70.0	70.0	70.4	70.4	70.6	70.6
≥ 14000	64.1	68.7	69.2	69.4	69.8	69.8	70.0	70.0	70.0	70.4	70.4	70.4	70.9	70.9	71.0	71.0
≥ 12000	65.7	70.7	71.2	71.4	71.8	71.8	72.0	72.0	72.0	72.4	72.4	72.4	72.9	72.9	73.0	73.0
≥ 10000	67.9	73.4	74.1	74.3	74.7	74.7	74.9	74.9	74.9	75.3	75.3	75.3	75.8	75.8	75.9	75.9
≥ 9000	70.6	76.6	77.4	77.4	77.8	77.8	78.0	78.0	78.0	78.4	78.4	78.4	78.9	78.9	79.0	79.0
≥ 8000	71.9	78.1	79.1	79.3	79.7	79.7	79.9	79.9	79.9	80.3	80.3	80.3	80.8	80.8	80.9	80.9
≥ 7000	72.6	78.9	79.9	80.1	80.4	80.4	80.7	80.7	80.7	81.1	81.1	81.1	81.6	81.6	81.7	81.7
≥ 6000	73.9	80.3	81.3	81.6	81.9	81.9	82.1	82.1	82.1	82.6	82.6	82.6	83.0	83.0	83.1	83.1
≥ 5000	75.3	81.9	82.9	83.1	83.4	83.4	83.7	83.7	83.7	84.1	84.1	84.1	84.6	84.6	84.7	84.7
≥ 4500	77.8	84.6	85.6	85.9	86.2	86.2	86.4	86.4	86.4	86.9	86.9	86.9	87.3	87.3	87.4	87.4
≥ 4000	79.6	86.8	87.8	88.1	88.4	88.4	88.7	88.7	88.7	89.1	89.1	89.1	89.6	89.6	89.7	89.7
≥ 3500	81.0	88.9	89.9	90.2	90.6	90.6	90.8	90.8	90.8	91.2	91.2	91.2	91.7	91.7	91.8	91.8
≥ 3000	83.0	91.1	92.2	92.6	92.9	92.9	93.1	93.1	93.1	93.6	93.6	93.6	94.0	94.0	94.1	94.1
≥ 2500	83.8	91.9	93.0	93.3	93.7	93.7	93.9	93.9	93.9	94.3	94.3	94.3	94.8	94.8	94.9	94.9
≥ 2000	84.3	92.9	94.2	94.6	94.9	94.9	95.1	95.1	95.1	95.6	95.6	95.6	96.0	96.0	96.1	96.1
≥ 1800	84.6	93.2	94.6	94.9	95.2	95.2	95.4	95.4	95.4	95.9	95.9	95.9	96.3	96.3	96.4	96.4
≥ 1500	84.6	94.0	95.3	95.7	96.0	96.0	96.2	96.2	96.2	96.7	96.7	96.7	97.1	97.1	97.2	97.2
≥ 1200	84.7	94.3	95.7	96.0	96.3	96.3	96.6	96.6	96.6	97.0	97.0	97.0	97.4	97.4	97.6	97.6
≥ 1000	84.8	94.4	95.8	96.1	96.4	96.4	96.7	96.7	96.7	97.1	97.1	97.1	97.6	97.6	97.7	97.7
≥ 900	85.2	95.6	96.9	97.2	97.6	97.6	97.8	97.8	97.8	98.2	98.2	98.2	98.7	98.7	98.8	98.8
≥ 800	85.2	95.7	97.0	97.3	97.7	97.7	97.9	97.9	97.9	98.3	98.3	98.3	98.8	98.8	98.9	98.9
≥ 700	85.2	96.0	97.2	97.7	98.0	98.0	98.2	98.2	98.2	98.7	98.7	98.7	99.1	99.1	99.2	99.2
≥ 600	85.3	96.1	97.4	97.8	98.1	98.1	98.3	98.3	98.3	98.8	98.8	98.8	99.2	99.2	99.3	99.3
≥ 500	85.4	96.3	97.7	98.0	98.3	98.3	98.6	98.6	98.6	99.0	99.0	99.0	99.4	99.4	99.6	99.6
≥ 400	85.4	96.4	97.8	98.1	98.4	98.4	98.7	98.7	98.7	99.1	99.1	99.1	99.6	99.6	99.7	99.7
≥ 300	85.4	96.4	97.8	98.4	98.8	98.8	99.0	99.0	99.0	99.4	99.4	99.4	99.9	99.9	100.0	100.0
≥ 200	85.4	96.4	97.8	98.4	98.8	98.8	99.0	99.0	99.0	99.4	99.4	99.4	99.9	99.9	100.0	100.0
≥ 100	85.4	96.4	97.8	98.4	98.8	98.8	99.0	99.0	99.0	99.4	99.4	99.4	99.9	99.9	100.0	100.0
≥ 0	85.4	96.4	97.8	98.4	98.8	98.8	99.0	99.0	99.0	99.4	99.4	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	54.3	58.9	59.1	59.7	59.9	59.9	60.4	60.6	60.6	60.8	60.8	60.8	61.3	61.3	61.9	62.3
≥ 20000	62.8	67.6	67.8	68.3	68.6	68.6	69.1	69.2	69.2	69.6	69.6	69.6	70.1	70.1	70.7	71.1
≥ 18000	62.8	67.6	67.8	68.3	68.6	68.6	69.1	69.2	69.2	69.6	69.6	69.6	70.1	70.1	70.7	71.1
≥ 16000	63.1	67.9	68.1	68.7	68.9	68.9	69.4	69.6	69.6	69.9	69.9	69.9	70.4	70.4	71.0	71.4
≥ 14000	63.3	68.1	68.3	68.9	69.1	69.1	69.7	69.8	69.8	70.1	70.1	70.1	70.7	70.7	71.2	71.7
≥ 12000	65.0	69.9	70.1	70.7	70.9	70.9	71.4	71.6	71.6	71.9	71.9	71.9	72.4	72.4	73.0	73.4
≥ 10000	66.9	72.4	72.8	73.4	73.7	73.7	74.2	74.3	74.3	74.7	74.7	74.7	75.2	75.2	75.8	76.2
≥ 9000	67.9	73.9	74.2	74.9	75.1	75.1	75.7	75.8	75.8	76.1	76.1	76.1	76.7	76.7	77.2	77.7
≥ 8000	69.3	75.6	75.9	76.6	76.8	76.8	77.3	77.4	77.4	77.8	77.8	77.8	78.3	78.3	78.9	79.3
≥ 7000	69.7	76.1	76.4	77.1	77.3	77.3	77.9	78.0	78.0	78.3	78.3	78.3	78.9	78.9	79.4	79.9
≥ 6000	70.8	77.6	77.9	78.6	78.8	78.8	79.3	79.4	79.4	79.8	79.8	79.8	80.3	80.3	80.9	81.3
≥ 5000	71.8	79.6	79.9	80.6	80.8	80.8	81.3	81.4	81.4	81.8	81.8	81.8	82.3	82.3	82.9	83.3
≥ 4500	73.9	82.3	82.7	83.3	83.6	83.6	84.1	84.2	84.2	84.6	84.6	84.6	85.1	85.1	85.7	86.1
≥ 4000	76.6	85.3	85.7	86.3	86.6	86.6	87.1	87.2	87.2	87.6	87.6	87.6	88.1	88.1	88.7	89.1
≥ 3500	78.6	87.3	87.8	88.4	88.8	88.8	89.3	89.4	89.4	89.8	89.8	89.8	90.3	90.3	90.9	91.3
≥ 3000	79.7	88.7	89.1	89.8	90.1	90.1	90.7	90.8	90.8	91.1	91.1	91.1	91.7	91.7	92.2	92.7
≥ 2500	80.1	89.4	89.9	90.6	90.9	90.9	91.4	91.6	91.6	91.9	91.9	91.9	92.4	92.4	93.0	93.4
≥ 2000	81.9	91.9	92.4	93.1	93.4	93.4	94.0	94.1	94.1	94.4	94.4	94.4	95.0	95.0	95.6	96.0
≥ 1800	82.0	92.0	92.6	93.2	93.6	93.6	94.1	94.2	94.2	94.6	94.6	94.6	95.1	95.1	95.7	96.1
≥ 1500	82.1	92.6	93.1	93.8	94.1	94.1	94.7	94.8	94.8	95.1	95.1	95.1	95.7	95.7	96.2	96.7
≥ 1200	82.2	93.3	93.9	94.6	94.9	94.9	95.4	95.6	95.6	95.9	95.9	95.9	96.4	96.4	97.0	97.4
≥ 1000	82.2	93.6	94.1	94.8	95.1	95.1	95.7	95.8	95.8	96.2	96.2	96.2	96.8	96.8	97.3	97.8
≥ 900	82.3	93.8	94.3	95.0	95.3	95.3	95.9	96.0	96.0	96.4	96.4	96.4	97.0	97.0	97.6	98.0
≥ 800	82.3	93.9	94.6	95.2	95.6	95.6	96.1	96.2	96.2	96.7	96.7	96.7	97.2	97.2	97.8	98.2
≥ 700	82.3	94.3	95.0	95.7	96.0	96.0	96.6	96.7	96.7	97.1	97.1	97.1	97.7	97.7	98.2	98.7
≥ 600	82.3	94.3	95.0	95.7	96.0	96.0	96.6	96.7	96.7	97.1	97.1	97.1	97.7	97.7	98.2	98.7
≥ 500	82.4	94.7	95.3	96.0	96.3	96.3	96.9	97.0	97.0	97.4	97.4	97.4	98.0	98.0	98.6	99.0
≥ 400	82.6	94.9	95.7	96.3	96.8	96.8	97.3	97.4	97.4	97.9	97.9	97.9	98.4	98.4	99.0	99.4
≥ 300	82.7	95.0	95.9	96.8	97.2	97.2	97.8	97.9	97.9	98.3	98.3	98.3	98.9	98.9	99.4	99.9
≥ 200	82.7	95.0	95.9	96.8	97.2	97.2	97.8	97.9	97.9	98.4	98.4	98.4	99.0	99.0	99.6	100.0
≥ 100	82.7	95.0	95.9	96.8	97.2	97.2	97.8	97.9	97.9	98.4	98.4	98.4	99.0	99.0	99.6	100.0
≥ 0	82.7	95.0	95.9	96.8	97.2	97.2	97.8	97.9	97.9	98.4	98.4	98.4	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥	≥0
NO CEILING	47.3	52.6	53.0	53.7	54.3	54.3	54.8	54.9	54.9	55.3	55.3	55.3	56.1	56.1	56.4	57.2
≥ 20000	56.7	63.0	63.4	64.7	65.4	65.4	65.9	66.1	66.1	66.7	66.7	66.7	67.6	67.6	68.0	68.8
≥ 18000	56.9	63.3	63.8	65.0	65.8	65.8	66.2	66.4	66.4	67.0	67.0	67.0	67.9	67.9	68.3	69.1
≥ 16000	57.4	64.0	64.4	65.7	66.4	66.4	66.9	67.1	67.1	67.7	67.7	67.7	68.6	68.6	69.0	69.8
≥ 14000	58.0	64.7	65.1	66.3	67.1	67.1	67.6	67.8	67.8	68.3	68.3	68.3	69.2	69.2	69.7	70.4
≥ 12000	59.9	67.3	67.8	69.0	69.9	69.9	70.4	70.7	70.7	71.2	71.2	71.2	72.1	72.1	72.6	73.3
≥ 10000	61.7	69.4	70.0	71.2	72.1	72.1	72.7	72.9	72.9	73.4	73.4	73.4	74.3	74.3	74.8	75.6
≥ 9000	62.2	70.8	71.3	72.6	73.4	73.4	74.0	74.2	74.2	74.8	74.8	74.8	75.7	75.7	76.1	76.9
≥ 8000	63.6	72.4	73.0	74.2	75.1	75.1	75.8	76.1	76.1	76.7	76.7	76.7	77.6	77.6	78.0	78.8
≥ 7000	65.0	74.3	74.9	76.1	77.0	77.0	77.7	78.0	78.0	78.6	78.6	78.6	79.4	79.4	79.9	80.7
≥ 6000	67.1	76.7	77.2	78.4	79.3	79.3	80.0	80.3	80.3	80.9	80.9	80.9	81.8	81.8	82.2	83.0
≥ 5000	68.4	78.2	78.9	80.1	81.0	81.0	81.7	82.0	82.0	82.6	82.6	82.6	83.4	83.4	83.9	84.7
≥ 4500	69.6	79.6	80.2	81.4	82.3	82.3	83.0	83.3	83.3	83.9	83.9	83.9	84.8	84.8	85.2	86.0
≥ 4000	71.2	81.7	82.3	83.7	84.6	84.6	85.3	85.7	85.7	86.2	86.2	86.2	87.1	87.1	87.6	88.3
≥ 3500	72.9	84.1	84.8	86.1	87.0	87.0	87.8	88.1	88.1	88.7	88.7	88.7	89.6	89.6	90.0	90.8
≥ 3000	73.6	85.3	86.0	87.3	88.2	88.2	89.0	89.3	89.3	89.9	89.9	89.9	90.8	90.8	91.2	92.0
≥ 2500	74.7	86.8	87.4	88.8	89.7	89.7	90.4	90.8	90.8	91.3	91.3	91.3	92.2	92.2	92.7	93.4
≥ 2000	75.4	88.0	88.7	90.0	90.9	90.9	91.7	92.0	92.0	92.6	92.6	92.6	93.4	93.4	93.9	94.7
≥ 1800	75.4	88.2	88.9	90.2	91.1	91.1	91.9	92.2	92.2	92.8	92.8	92.8	93.7	93.7	94.1	94.9
≥ 1500	75.9	88.8	89.4	90.8	91.7	91.7	92.4	92.8	92.8	93.3	93.3	93.3	94.2	94.2	94.7	95.4
≥ 1200	76.2	89.3	90.0	91.4	92.3	92.3	93.1	93.4	93.4	94.0	94.0	94.0	94.9	94.9	95.3	96.1
≥ 1000	76.4	89.8	90.4	92.0	92.9	92.9	93.8	94.1	94.1	94.8	94.8	94.8	95.7	95.7	96.1	96.9
≥ 900	76.7	90.3	91.0	92.6	93.4	93.4	94.3	94.7	94.7	95.3	95.3	95.3	96.2	96.2	96.7	97.4
≥ 800	76.7	90.9	91.6	93.1	94.0	94.0	94.9	95.2	95.2	95.9	95.9	95.9	96.8	96.8	97.2	98.0
≥ 700	76.7	91.1	91.8	93.3	94.2	94.2	95.1	95.4	95.4	96.1	96.1	96.1	97.0	97.0	97.4	98.2
≥ 600	76.7	91.1	91.8	93.3	94.2	94.2	95.1	95.4	95.4	96.1	96.1	96.1	97.0	97.0	97.4	98.2
≥ 500	76.7	91.1	91.8	93.3	94.3	94.3	95.2	95.6	95.6	96.2	96.2	96.2	97.3	97.3	97.8	98.6
≥ 400	76.7	91.2	91.9	93.4	94.6	94.7	95.7	96.0	96.0	96.7	96.7	96.7	97.8	97.8	98.2	99.0
≥ 300	76.7	91.2	91.9	93.4	94.7	94.8	95.8	96.1	96.1	97.0	97.0	97.0	98.2	98.3	98.9	99.7
≥ 200	76.7	91.3	92.0	93.6	94.8	94.9	95.9	96.2	96.2	97.3	97.3	97.3	98.7	98.7	99.2	100.0
≥ 100	76.7	91.3	92.0	93.6	94.8	94.9	95.9	96.2	96.2	97.3	97.3	97.3	98.7	98.7	99.2	100.0
≥ 0	76.7	91.3	92.0	93.6	94.8	94.9	95.9	96.2	96.2	97.3	97.3	97.3	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-76 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	49.0	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	61.7	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	62.1	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000	63.1	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	64.2	68.3	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	66.8	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	69.0	74.0	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 9000	70.1	75.2	75.3	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	72.0	77.9	78.2	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	74.1	80.3	80.8	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	77.3	83.9	84.3	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	80.1	86.9	87.3	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4500	80.4	87.4	87.9	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	81.4	88.6	89.0	89.4	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500	83.3	90.8	91.2	91.7	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	83.8	91.4	91.9	92.3	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	84.6	92.3	92.8	93.3	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	85.6	93.8	94.2	94.8	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	85.6	93.9	94.3	94.9	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	85.8	94.1	94.6	95.1	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	86.4	95.3	95.9	96.4	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	86.4	95.4	96.0	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	86.7	95.7	96.2	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	86.7	95.7	96.2	97.0	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	86.7	96.0	96.7	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	86.7	96.2	96.9	97.7	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	86.7	96.2	96.9	97.9	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 400	86.7	96.3	97.0	98.0	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 300	86.7	96.7	97.3	98.4	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9
≥ 200	86.7	96.8	97.4	98.6	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 100	86.7	96.8	97.4	98.6	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	86.7	96.8	97.4	98.6	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-76 (YEARS) NOV (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥7/8	≥1	≥7/8	≥4	≥2	≥1	≥5/8	≥1/2	≥0
NO CEILING	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	67.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	68.4	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	69.1	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	71.0	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	72.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	74.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	76.2	78.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	77.9	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	80.4	83.4	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	83.0	86.4	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	84.3	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	85.1	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	85.9	90.2	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	87.4	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	88.1	93.2	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	89.3	94.9	95.4	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	91.3	97.7	98.3	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	91.3	97.8	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	91.3	97.9	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	91.7	98.4	99.2	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	91.7	98.4	99.2	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
< 100	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 59-78 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	49.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	67.7	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	68.3	70.3	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	69.3	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	70.9	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	72.9	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3500	75.4	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	76.6	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	78.5	83.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2000	80.0	84.6	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1800	82.4	87.4	88.2	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	83.6	88.7	89.4	89.4	89.4	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	85.0	90.1	90.9	90.9	90.9	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	85.9	91.7	92.5	92.5	92.5	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	86.9	93.2	94.1	94.1	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	87.8	94.4	95.4	95.4	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	88.7	95.9	97.0	97.0	97.1	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	89.0	96.6	98.0	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	89.1	96.7	98.1	98.1	98.2	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	89.1	96.8	98.2	98.2	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	89.1	96.9	98.3	98.3	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 200	89.1	97.0	98.4	98.4	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 100	89.1	97.1	98.8	98.8	99.1	99.1	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	89.1	97.3	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	89.1	97.3	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	89.1	97.3	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	89.1	97.3	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	89.1	97.3	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	89.1	97.3	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	89.1	97.3	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	89.1	97.3	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	89.1	97.3	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-78 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	51.9	52.9	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	65.7	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9
≥ 18000	65.9	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000	66.4	69.0	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	68.2	70.8	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	70.4	73.1	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	74.3	78.2	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	76.3	80.6	81.1	81.2	81.4	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	78.3	83.2	83.8	83.9	84.1	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	79.9	85.3	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	81.4	87.2	87.8	87.9	88.1	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	83.1	89.0	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	84.6	90.8	91.3	91.4	91.7	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	85.9	92.8	93.3	93.6	93.8	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500	87.1	94.2	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	88.0	95.2	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	88.4	96.0	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	88.8	97.0	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	88.8	97.0	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	88.8	97.0	97.7	97.9	98.1	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	88.8	97.2	97.9	98.1	98.3	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	88.8	97.3	98.0	98.2	98.4	98.6	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	88.8	97.4	98.2	98.6	98.8	98.9	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	88.8	97.4	98.2	98.6	98.8	98.9	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	88.9	97.8	98.6	98.9	99.1	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	88.9	97.8	98.6	98.9	99.2	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	88.9	97.8	98.6	98.9	99.2	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.9	97.8	98.6	98.9	99.2	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.9	97.8	98.6	98.9	99.2	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.9	97.8	98.6	98.9	99.2	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.9	97.8	98.6	98.9	99.2	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.9	97.8	98.6	98.9	99.2	99.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-78 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥¾	≥½	≥¼	≥0					
NO CEILING	58.6	60.1	60.7	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1
≥ 20000	68.0	70.4	71.1	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6
≥ 18000	68.0	70.4	71.1	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6
≥ 16000	68.3	70.8	71.4	71.6	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 14000	68.7	71.1	71.8	71.9	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 12000	70.3	73.1	73.8	73.9	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
≥ 10000	73.8	77.2	77.9	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
≥ 9000	75.9	80.1	80.8	80.9	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
≥ 8000	77.2	81.6	82.2	82.3	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 7000	79.2	83.7	84.3	84.4	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 6000	80.8	85.6	86.2	86.3	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 5000	81.6	86.6	87.2	87.3	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 4500	82.8	88.0	88.7	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 4000	85.0	90.3	91.0	91.1	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6
≥ 3500	86.7	92.2	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 3000	87.9	94.2	94.9	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 2500	88.3	94.9	95.7	95.8	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 2000	89.0	96.0	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1800	89.0	96.0	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1500	89.1	96.4	97.2	97.3	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1200	89.1	96.8	97.6	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1000	89.2	97.2	98.0	98.1	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 900	89.3	97.4	98.2	98.3	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 800	89.4	97.9	98.7	98.8	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700	89.6	98.1	98.9	99.0	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	89.6	98.2	99.0	99.1	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	89.6	98.3	99.1	99.2	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	89.6	98.3	99.1	99.2	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	89.6	98.3	99.2	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	89.6	98.3	99.2	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	89.6	98.3	99.2	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	89.6	98.3	99.2	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-78 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
[illegible]	52.1	54.8	55.1	55.3	55.5	55.5	55.6	55.7	55.7	55.8	55.8	55.8	56.0	56.0	56.2	56.3
≥ [illegible]	64.2	67.6	68.0	68.3	68.5	68.5	68.6	68.7	68.7	68.9	68.9	68.9	69.1	69.1	69.3	69.4
≥ 18000	64.5	68.0	68.4	68.7	68.8	68.8	69.0	69.1	69.1	69.3	69.3	69.3	69.5	69.5	69.6	69.8
≥ 5000	65.1	68.6	69.0	69.3	69.5	69.5	69.6	69.7	69.7	69.9	69.9	69.9	70.1	70.1	70.3	70.4
≥ 4000	66.1	69.7	70.1	70.4	70.5	70.6	70.7	70.8	70.8	71.0	71.0	71.0	71.2	71.2	71.4	71.5
≥ [illegible]	67.9	71.9	72.3	72.6	72.8	72.8	73.0	73.0	73.0	73.2	73.2	73.2	73.5	73.5	73.6	73.8
≥ [illegible]	70.5	75.0	75.4	75.8	76.0	76.0	76.2	76.2	76.2	76.4	76.4	76.4	76.7	76.7	76.8	77.0
≥ [illegible]	72.0	76.9	77.4	77.8	78.0	78.0	78.2	78.3	78.3	78.5	78.5	78.5	78.7	78.7	78.8	79.0
≥ [illegible]	73.6	79.0	79.6	79.9	80.2	80.2	80.4	80.4	80.4	80.6	80.6	80.6	80.9	80.9	81.0	81.2
≥ [illegible]	75.1	80.8	81.4	81.8	82.0	82.0	82.2	82.3	82.3	82.5	82.5	82.5	82.7	82.7	82.9	83.0
≥ [illegible]	77.1	83.1	83.7	84.1	84.3	84.3	84.5	84.6	84.6	84.8	84.8	84.8	85.1	85.1	85.2	85.3
≥ 5000	78.5	84.8	85.4	85.7	86.0	86.0	86.2	86.3	86.3	86.5	86.5	86.5	86.8	86.8	86.9	87.1
≥ [illegible]	79.9	86.5	87.1	87.4	87.7	87.7	87.9	88.0	88.0	88.2	88.2	88.2	88.5	88.5	88.6	88.8
≥ 4000	81.4	88.4	89.1	89.4	89.7	89.7	90.0	90.1	90.1	90.3	90.3	90.3	90.5	90.5	90.7	90.8
≥ 3500	83.0	90.3	91.0	91.4	91.7	91.7	91.9	92.0	92.0	92.2	92.2	92.2	92.5	92.5	92.6	92.8
≥ 3000	84.0	91.7	92.4	92.8	93.1	93.1	93.3	93.4	93.4	93.6	93.6	93.6	93.9	93.9	94.0	94.2
≥ 2500	84.7	92.8	93.5	93.9	94.2	94.2	94.5	94.6	94.6	94.8	94.8	94.8	95.0	95.0	95.2	95.3
≥ 2000	85.7	94.2	95.0	95.4	95.8	95.8	96.1	96.1	96.1	96.3	96.3	96.3	96.6	96.6	96.7	96.9
≥ 1800	85.7	94.3	95.2	95.6	95.9	95.9	96.2	96.3	96.3	96.5	96.5	96.5	96.7	96.7	96.9	97.0
≥ 1500	85.8	94.7	95.5	95.9	96.2	96.3	96.6	96.6	96.6	96.8	96.8	96.8	97.1	97.1	97.2	97.4
≥ 1200	86.0	95.2	96.1	96.5	96.8	96.8	97.1	97.2	97.2	97.4	97.4	97.4	97.7	97.7	97.8	98.0
≥ 1000	86.1	95.4	96.2	96.7	97.0	97.0	97.4	97.5	97.5	97.7	97.7	97.7	98.0	98.0	98.2	98.3
≥ 900	86.2	95.6	96.7	97.1	97.5	97.5	97.8	97.9	97.9	98.2	98.2	98.2	98.5	98.5	98.6	98.7
≥ 800	86.2	95.9	96.8	97.3	97.7	97.7	98.0	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.8	99.0
≥ 700	86.3	96.2	97.1	97.6	97.9	97.9	98.3	98.4	98.4	98.7	98.7	98.7	98.9	98.9	99.1	99.2
≥ 600	86.3	96.2	97.1	97.6	98.0	98.0	98.4	98.5	98.5	98.7	98.7	98.7	99.0	99.0	99.2	99.3
≥ 500	86.3	96.3	97.2	97.7	98.1	98.1	98.5	98.6	98.6	98.9	98.9	98.9	99.2	99.2	99.3	99.5
≥ 400	86.3	96.4	97.3	97.8	98.2	98.3	98.7	98.8	98.8	99.1	99.1	99.1	99.4	99.4	99.5	99.7
≥ 300	86.3	96.4	97.4	98.0	98.4	98.4	98.8	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.8	99.9
≥ 200	86.3	96.5	97.4	98.0	98.4	98.5	98.9	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.8	100.0
≥ 100	86.3	96.5	97.4	98.0	98.4	98.5	98.9	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.8	100.0
≥ 0	86.3	96.5	97.4	98.0	98.4	98.5	98.9	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) DEC (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	54.8	57.5	58.0	58.4	58.8	58.8	59.2	59.2	59.2	60.1	60.2	60.2	60.3	60.3	60.5	61.1
≥ 20000	63.5	66.3	66.8	67.2	67.6	67.6	68.1	68.1	68.1	68.9	69.0	69.0	69.1	69.1	69.4	69.9
≥ 18000	63.8	66.6	67.0	67.4	67.8	67.8	68.3	68.3	68.3	69.1	69.2	69.2	69.4	69.4	69.6	70.1
≥ 16000	63.9	66.7	67.1	67.5	68.0	68.0	68.4	68.4	68.4	69.2	69.4	69.4	69.5	69.5	69.7	70.2
≥ 14000	64.5	67.3	67.7	68.2	68.6	68.6	69.0	69.0	69.0	69.9	70.0	70.0	70.1	70.1	70.3	70.9
≥ 12000	66.0	68.8	69.2	69.8	70.2	70.2	70.8	70.8	70.8	71.7	71.8	71.8	71.9	71.9	72.2	72.7
≥ 10000	68.7	71.6	72.0	72.6	73.0	73.0	73.5	73.5	73.5	74.5	74.6	74.6	74.7	74.7	74.9	75.6
≥ 9000	70.8	74.1	74.5	75.1	75.5	75.5	76.0	76.0	76.0	77.0	77.1	77.1	77.2	77.2	77.4	78.1
≥ 8000	72.9	76.5	76.9	77.6	78.1	78.1	78.6	78.6	78.6	79.6	79.7	79.7	79.8	79.8	80.0	80.6
≥ 7000	73.2	76.8	77.2	78.0	78.4	78.4	78.9	78.9	78.9	79.9	80.0	80.0	80.1	80.1	80.3	81.0
≥ 6000	74.7	78.5	78.9	79.7	80.1	80.1	80.6	80.6	80.6	81.6	81.7	81.7	81.8	81.8	82.0	82.7
≥ 5000	76.0	79.9	80.3	81.1	81.5	81.5	82.0	82.0	82.0	83.0	83.1	83.1	83.2	83.2	83.4	84.1
≥ 4500	77.8	81.8	82.3	83.0	83.4	83.4	84.0	84.0	84.0	84.9	85.1	85.1	85.2	85.2	85.4	86.0
≥ 4000	79.2	83.8	84.2	84.9	85.4	85.4	85.9	85.9	85.9	86.9	87.0	87.0	87.1	87.1	87.3	88.0
≥ 3500	81.7	86.5	86.9	87.6	88.1	88.1	88.6	88.6	88.6	89.6	89.7	89.7	89.8	89.8	90.0	90.6
≥ 3000	82.6	88.0	88.4	89.1	89.6	89.6	90.1	90.1	90.1	91.1	91.2	91.2	91.3	91.3	91.5	92.2
≥ 2500	84.0	89.5	89.9	90.6	91.1	91.1	91.6	91.6	91.6	92.6	92.7	92.7	92.8	92.8	93.0	93.7
≥ 2000	85.4	91.9	92.4	93.1	93.5	93.5	94.1	94.1	94.1	95.1	95.2	95.2	95.3	95.3	95.5	96.1
≥ 1800	85.4	92.0	92.5	93.2	93.7	93.7	94.2	94.2	94.2	95.2	95.3	95.3	95.4	95.4	95.6	96.2
≥ 1500	85.8	93.0	93.4	94.3	94.9	94.9	95.5	95.5	95.5	96.5	96.6	96.6	96.7	96.7	96.9	97.5
≥ 1200	86.0	93.3	93.8	94.8	95.3	95.3	95.8	95.8	95.8	96.8	96.9	96.9	97.0	97.0	97.2	97.8
≥ 1000	86.3	93.7	94.1	95.2	95.6	95.6	96.1	96.1	96.1	97.1	97.2	97.2	97.3	97.3	97.5	98.2
≥ 900	86.5	93.9	94.3	95.4	95.8	95.8	96.3	96.3	96.3	97.3	97.4	97.4	97.5	97.5	97.7	98.4
≥ 800	86.5	93.9	94.3	95.4	95.8	95.8	96.3	96.3	96.3	97.3	97.4	97.4	97.5	97.5	97.7	98.4
≥ 700	86.5	94.1	94.5	95.6	96.0	96.0	96.6	96.6	96.6	97.5	97.6	97.6	97.7	97.7	98.0	98.6
≥ 600	86.5	94.3	94.7	95.8	96.2	96.2	96.8	96.8	96.8	97.7	97.8	97.8	98.0	98.0	98.2	98.8
≥ 500	86.8	95.1	95.5	96.6	97.0	97.0	97.5	97.5	97.5	98.5	98.6	98.6	98.7	98.7	98.9	99.6
≥ 400	86.8	95.2	95.7	96.8	97.2	97.2	97.7	97.7	97.7	98.7	98.8	98.8	98.9	98.9	99.1	99.8
≥ 300	86.8	95.2	95.7	96.8	97.2	97.3	97.8	97.8	97.8	98.8	98.9	98.9	99.0	99.0	99.2	99.9
≥ 200	86.8	95.2	95.7	96.8	97.2	97.3	97.8	98.0	98.0	98.9	99.0	99.0	99.1	99.1	99.4	100.0
≥ 100	86.8	95.2	95.7	96.8	97.2	97.3	97.8	98.0	98.0	98.9	99.0	99.0	99.1	99.1	99.4	100.0
≥ 0	86.8	95.2	95.7	96.8	97.2	97.3	97.8	98.0	98.0	98.9	99.0	99.0	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10L 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	50.5	53.8	54.7	54.8	55.2	55.2	56.1	56.3	56.3	56.6	56.6	56.6	57.3	57.3	57.7	58.6
≥ 20000	60.4	64.0	64.9	65.1	65.4	65.4	66.3	66.6	66.6	66.8	66.8	66.8	67.5	67.5	68.0	68.8
≥ 18000	60.4	64.2	65.2	65.3	65.6	65.6	66.6	66.8	66.8	67.0	67.0	67.0	67.7	67.7	68.2	69.0
≥ 16000	60.8	64.5	65.5	65.6	65.9	65.9	66.9	67.1	67.1	67.3	67.3	67.3	68.1	68.1	68.5	69.4
≥ 14000	61.7	65.6	66.6	66.7	67.0	67.0	68.0	68.2	68.2	68.4	68.4	68.4	69.1	69.1	69.6	70.4
≥ 12000	62.6	66.6	67.5	67.6	68.0	68.0	68.9	69.1	69.1	69.4	69.4	69.4	70.1	70.1	70.5	71.4
≥ 10000	65.4	69.4	70.3	70.4	70.8	70.8	71.7	71.9	71.9	72.2	72.2	72.2	72.9	72.9	73.3	74.2
≥ 9000	66.8	71.5	72.5	72.7	73.0	73.0	74.0	74.2	74.2	74.4	74.4	74.4	75.2	75.2	75.6	76.5
≥ 8000	68.7	73.8	74.7	74.9	75.3	75.3	76.2	76.5	76.5	76.7	76.7	76.7	77.4	77.4	77.8	78.7
≥ 7000	69.1	74.2	75.2	75.4	75.7	75.7	76.7	76.9	76.9	77.1	77.1	77.1	77.8	77.8	78.3	79.1
≥ 6000	70.1	75.3	76.2	76.5	76.8	76.8	77.7	78.0	78.0	78.2	78.2	78.2	78.9	78.9	79.4	80.2
≥ 5000	72.3	78.2	79.1	79.4	79.7	79.7	80.6	80.9	80.9	81.1	81.1	81.1	81.8	81.8	82.3	83.1
≥ 4500	74.5	80.8	81.7	81.9	82.3	82.3	83.2	83.4	83.4	83.7	83.7	83.7	84.4	84.4	84.8	85.7
≥ 4000	76.7	83.3	84.3	84.5	84.8	84.8	85.8	86.0	86.0	86.2	86.2	86.2	87.0	87.0	87.4	88.3
≥ 3500	78.7	86.2	87.2	87.5	87.8	87.8	88.8	89.0	89.0	89.2	89.2	89.2	90.0	90.0	90.4	91.3
≥ 3000	79.4	87.1	88.1	88.4	88.7	88.7	89.7	89.9	89.9	90.1	90.1	90.1	90.9	90.9	91.3	92.2
≥ 2500	80.1	88.0	88.9	89.2	89.6	89.6	90.5	90.8	90.8	91.0	91.0	91.0	91.7	91.7	92.2	93.0
≥ 2000	81.1	90.1	91.1	91.4	91.7	91.7	92.7	92.9	92.9	93.1	93.1	93.1	93.9	93.9	94.3	95.2
≥ 1800	81.2	90.3	91.3	91.6	92.2	92.2	93.1	93.3	93.3	93.5	93.5	93.5	94.2	94.2	94.7	95.6
≥ 1500	81.5	91.7	92.7	93.2	93.5	93.5	94.5	94.7	94.7	94.9	94.9	94.9	95.7	95.7	96.1	97.0
≥ 1200	81.5	91.7	92.7	93.2	93.7	93.7	94.6	94.8	94.8	95.1	95.1	95.1	95.8	95.8	96.2	97.1
≥ 1000	81.5	91.8	92.8	93.3	93.8	93.8	94.7	94.9	94.9	95.2	95.2	95.2	95.9	95.9	96.3	97.2
≥ 900	81.5	92.2	93.1	93.7	94.1	94.1	95.1	95.3	95.3	95.5	95.5	95.5	96.2	96.2	96.7	97.5
≥ 800	81.6	92.7	93.7	94.2	94.6	94.6	95.6	95.8	95.8	96.0	96.0	96.0	96.8	96.8	97.2	98.1
≥ 700	81.6	92.7	93.7	94.2	94.6	94.6	95.6	95.8	95.8	96.0	96.0	96.0	96.8	96.8	97.2	98.1
≥ 600	81.6	93.1	94.1	94.6	95.1	95.1	96.1	96.3	96.3	96.6	96.6	96.6	97.3	97.3	97.7	98.6
≥ 500	81.6	93.1	94.1	94.6	95.1	95.1	96.1	96.3	96.3	96.6	96.6	96.6	97.3	97.3	97.7	98.6
≥ 400	81.9	93.4	94.4	94.9	95.4	95.4	96.5	96.8	96.8	97.1	97.1	97.1	97.8	97.8	98.3	99.1
≥ 300	82.0	94.0	94.9	95.3	95.9	95.9	97.0	97.2	97.2	97.6	97.6	97.6	98.3	98.3	98.9	99.8
≥ 200	82.0	94.1	95.1	95.6	96.0	96.0	97.1	97.4	97.4	97.7	97.7	97.7	98.7	98.7	99.1	100.0
≥ 100	82.0	94.1	95.1	95.6	96.0	96.0	97.1	97.4	97.4	97.7	97.7	97.7	98.7	98.7	99.1	100.0
≥ 0	82.0	94.1	95.1	95.6	96.0	96.0	97.1	97.4	97.4	97.7	97.7	97.7	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-76 (YEAR) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	2	1¾	1½	1¼	1	¾	⅝	½	0
NO CEILING	43.2	46.6	47.1	47.4	48.1	48.1	48.4	48.7	48.7	49.2	49.5	49.5	50.5	50.5	51.2	52.0
≥ 20000	52.2	56.8	57.3	57.7	58.5	58.5	58.9	59.2	59.2	59.8	60.0	60.0	61.2	61.2	61.8	62.7
≥ 18000	52.4	57.1	57.6	58.1	58.8	58.8	59.2	59.6	59.6	60.1	60.3	60.3	61.5	61.5	62.2	63.0
≥ 16000	52.9	57.6	58.2	58.6	59.4	59.4	59.8	60.1	60.1	60.6	60.9	60.9	62.0	62.0	62.7	63.5
≥ 14000	54.2	59.2	59.8	60.2	61.0	61.0	61.4	61.7	61.7	62.4	62.6	62.6	63.8	63.8	64.4	65.3
≥ 12000	55.6	60.9	61.4	61.8	62.6	62.6	63.0	63.3	63.3	64.0	64.2	64.2	65.4	65.4	66.0	66.9
≥ 10000	57.1	63.4	64.0	64.4	65.2	65.2	65.6	65.9	65.9	66.6	66.8	66.8	68.0	68.0	68.6	69.5
≥ 9000	58.9	65.6	66.1	66.7	67.4	67.4	67.8	68.2	68.2	68.9	69.1	69.1	70.3	70.3	71.0	71.8
≥ 8000	60.3	67.4	68.0	68.6	69.4	69.4	69.8	70.1	70.1	70.9	71.1	71.1	72.3	72.3	72.9	73.8
≥ 7000	61.6	68.7	69.2	69.9	70.6	70.6	71.1	71.4	71.4	72.2	72.4	72.4	73.5	73.5	74.2	75.1
≥ 6000	62.7	70.9	71.1	71.7	72.5	72.5	72.9	73.2	73.2	74.0	74.2	74.2	75.4	75.4	76.0	76.9
≥ 5000	64.6	73.1	73.7	74.3	75.1	75.1	75.5	75.8	75.8	76.6	76.8	76.8	78.0	78.0	78.6	79.5
≥ 4500	65.8	74.5	75.2	76.0	76.8	76.8	77.2	77.5	77.5	78.3	78.5	78.5	79.7	79.7	80.3	81.2
≥ 4000	68.4	77.7	78.4	79.2	80.0	80.0	80.4	80.8	80.8	81.5	81.7	81.7	82.9	82.9	83.5	84.4
≥ 3500	71.1	80.9	81.5	82.4	83.1	83.1	83.5	83.9	83.9	84.7	84.9	84.9	86.1	86.1	86.8	87.6
≥ 3000	72.4	82.6	83.3	84.2	84.9	84.9	85.4	85.7	85.7	86.6	86.8	86.8	88.0	88.0	88.6	89.5
≥ 2500	73.1	83.7	84.4	85.3	86.0	86.0	86.5	86.8	86.8	87.6	87.8	87.8	89.0	89.0	89.7	90.5
≥ 2000	73.5	85.1	85.9	86.8	87.5	87.5	88.1	88.4	88.4	89.2	89.5	89.5	90.6	90.6	91.3	92.2
≥ 1800	73.5	85.7	86.6	87.4	88.2	88.2	88.7	89.0	89.0	89.9	90.1	90.1	91.3	91.3	91.9	92.8
≥ 1500	73.8	85.9	86.8	87.6	88.4	88.4	88.9	89.2	89.2	90.2	90.4	90.4	91.6	91.6	92.3	93.1
≥ 1200	74.0	86.8	87.6	88.5	89.6	89.6	90.1	90.4	90.4	91.4	91.6	91.6	92.9	92.9	93.5	94.4
≥ 1000	74.0	87.3	88.3	89.1	90.3	90.3	90.9	91.2	91.2	92.3	92.5	92.5	93.8	93.8	94.4	95.3
≥ 900	74.0	87.4	88.4	89.2	90.4	90.4	91.0	91.3	91.3	92.4	92.6	92.6	93.9	93.9	94.5	95.4
≥ 800	74.4	88.1	89.1	90.0	91.2	91.2	91.7	92.0	92.0	93.1	93.7	93.7	94.9	94.9	95.6	96.5
≥ 700	74.6	88.5	89.6	90.5	91.7	91.7	92.3	92.6	92.6	93.7	94.2	94.2	95.5	95.5	96.1	97.0
≥ 600	74.7	88.7	89.8	90.9	92.2	92.2	92.9	93.2	93.2	94.3	94.8	94.8	96.1	96.1	96.8	97.6
≥ 500	74.7	88.9	90.0	91.3	92.8	92.8	93.7	94.0	94.0	95.1	95.6	95.6	96.9	96.9	97.5	98.4
≥ 400	74.7	89.1	90.3	91.8	93.7	93.8	94.6	94.9	94.9	96.0	96.7	96.7	98.0	98.0	98.6	99.5
≥ 300	74.7	89.4	90.5	92.0	93.9	94.0	94.8	95.2	95.2	96.2	96.9	96.9	98.2	98.2	98.8	99.8
≥ 200	74.7	89.4	90.5	92.0	93.9	94.0	94.8	95.2	95.2	96.2	96.9	96.9	98.2	98.2	98.8	99.9
≥ 100	74.7	89.4	90.5	92.0	93.9	94.0	94.8	95.2	95.2	96.2	96.9	96.9	98.2	98.2	98.8	100.0
0	74.7	89.4	90.5	92.0	93.9	94.0	94.8	95.2	95.2	96.2	96.9	96.9	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-76 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	49.7	51.1	51.4	51.5	51.5	51.5	51.5	51.6	51.6	51.7	51.7	51.7	51.9	51.9	51.9	52.0
≥ 20000	58.1	60.0	60.3	60.4	60.4	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.9	60.9	60.9	61.0
≥ 18000	58.3	60.2	60.5	60.6	60.6	60.6	60.6	60.8	60.8	60.9	60.9	60.9	61.1	61.1	61.1	61.2
≥ 16000	59.2	61.2	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.8	62.0	62.0	62.0	62.2
≥ 14000	61.4	63.3	63.7	63.8	63.8	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.2	64.2	64.2	64.3
≥ 12000	63.1	65.2	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.8	65.8	65.8	66.0	66.0	66.0	66.1
≥ 10000	65.7	69.1	69.5	69.7	69.7	69.7	69.7	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.2
≥ 9000	66.9	70.8	71.1	71.3	71.3	71.3	71.3	71.4	71.4	71.6	71.6	71.6	71.8	71.8	71.8	71.9
≥ 8000	69.0	73.7	74.0	74.2	74.2	74.2	74.2	74.3	74.3	74.5	74.5	74.5	74.7	74.7	74.7	74.8
≥ 7000	70.1	74.8	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.7	75.7	75.7	75.9	75.9	75.9	76.0
≥ 6000	71.5	76.5	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.3	77.3	77.3	77.5	77.5	77.5	77.6
≥ 5000	73.3	78.5	78.8	79.0	79.0	79.0	79.0	79.1	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.7
≥ 4500	74.0	79.6	79.9	80.1	80.1	80.1	80.1	80.2	80.2	80.4	80.4	80.4	80.6	80.6	80.6	80.8
≥ 4000	76.8	82.6	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.4	83.4	83.4	83.7	83.7	83.7	83.8
≥ 3500	78.8	84.8	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.7	85.7	85.7	85.9	85.9	85.9	86.0
≥ 3000	81.4	87.5	88.0	88.3	88.3	88.3	88.3	88.4	88.4	88.6	88.6	88.6	88.8	88.8	88.8	88.9
≥ 2500	82.0	88.4	88.8	89.2	89.2	89.2	89.2	89.4	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.9
≥ 2000	83.5	90.9	91.4	91.9	91.9	91.9	91.9	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.7
≥ 1800	83.7	91.3	91.9	92.6	92.6	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.2	93.2	93.2	93.3
≥ 1500	83.9	91.9	92.6	93.2	93.2	93.2	93.2	93.4	93.4	93.7	93.7	93.7	93.9	93.9	93.9	94.0
≥ 1200	84.3	92.9	93.5	94.3	94.5	94.5	94.5	94.7	94.7	94.9	94.9	94.9	95.2	95.2	95.2	95.3
≥ 1000	84.4	93.1	93.8	94.5	94.7	94.7	94.7	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.5
≥ 900	84.7	94.0	94.6	95.4	95.6	95.6	95.6	95.8	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.3
≥ 800	84.8	94.4	95.1	95.9	96.1	96.1	96.1	96.3	96.3	96.6	96.6	96.8	97.0	97.0	97.0	97.1
≥ 700	85.1	94.8	95.5	96.3	96.6	96.6	96.6	96.8	96.8	97.2	97.4	97.4	97.6	97.6	97.6	97.7
≥ 600	85.1	95.1	95.7	96.7	96.9	96.9	97.1	97.3	97.3	97.7	98.0	98.0	98.2	98.2	98.2	98.3
≥ 500	85.1	95.1	96.1	97.1	97.4	97.4	97.6	97.8	97.8	98.3	98.5	98.5	98.7	98.7	98.7	98.8
≥ 400	85.1	95.2	96.2	97.4	97.7	97.8	98.1	98.4	98.4	98.8	99.0	99.0	99.2	99.2	99.2	99.4
≥ 300	85.1	95.3	96.5	97.6	98.0	98.1	98.4	98.7	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.7
≥ 200	85.1	95.3	96.5	97.6	98.0	98.1	98.4	98.7	98.7	99.4	99.6	99.6	99.8	99.8	99.8	99.9
≥ 100	85.1	95.3	96.5	97.6	98.0	98.1	98.4	98.7	98.7	99.4	99.6	99.6	99.8	99.8	99.9	100.0
0	85.1	95.3	96.5	97.6	98.0	98.1	98.4	98.7	98.7	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 12000	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	73.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	74.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	76.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	77.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	79.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	81.2	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	82.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	84.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	86.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	88.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	88.8	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	90.2	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	90.3	95.7	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	90.4	96.1	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	90.8	96.9	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	90.9	97.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	91.1	97.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	91.1	97.5	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	91.1	97.6	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	91.2	98.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 500	91.2	98.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 400	91.2	98.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300	91.2	98.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	91.2	98.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	91.2	98.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	91.2	98.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 992

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-78 DEC
STATION STATION NAME 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	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3
≥ 20000	66.0	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 18000	67.0	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5
≥ 16000	67.7	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 14000	69.5	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 12000	71.6	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 10000	75.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
≥ 9000	77.0	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
≥ 8000	79.1	81.7	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2
≥ 7000	79.7	82.3	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 6000	82.2	84.7	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 5000	83.2	86.3	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 4500	84.5	88.1	88.2	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 4000	86.6	90.2	90.3	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 3500	88.5	92.5	92.6	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 3000	89.7	94.2	94.3	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 2500	90.2	94.9	95.1	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 2000	90.8	96.5	96.7	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1800	90.9	96.6	96.8	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1500	91.1	97.0	97.2	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1200	91.2	97.4	97.6	98.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1000	91.2	97.6	97.8	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	91.2	97.6	97.8	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	91.2	97.7	98.0	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	91.2	98.0	98.3	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	91.2	98.2	98.5	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	91.2	98.2	98.6	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	91.2	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.2	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.2	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.2	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	91.2	98.2	98.7	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (YEAR) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	54.3	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
≥ 20000	64.9	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.7
≥ 18000	65.4	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.2
≥ 16000	66.5	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.3
≥ 14000	67.9	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.7
≥ 12000	69.7	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.9
≥ 10000	72.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.9
≥ 9000	74.2	76.9	76.9	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.5	77.5	77.5	77.6
≥ 8000	75.6	78.9	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.5	79.5	79.5	79.6
≥ 7000	76.4	79.6	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.1	80.1	80.3	80.3	80.3	80.4
≥ 6000	79.0	82.8	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.4	83.4	83.4	83.5
≥ 5000	80.7	85.1	85.2	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.8	85.8	85.8	85.9
≥ 4500	82.3	87.1	87.2	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.9	87.9	87.9	88.0
≥ 4000	84.2	89.7	89.8	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.5	90.5	90.5	90.6
≥ 3500	85.8	91.8	91.9	92.0	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.9	92.9	92.9	93.0
≥ 3000	87.1	93.3	93.5	93.6	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.5	94.5	94.5	94.6
≥ 2500	87.6	94.2	94.5	94.6	95.0	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.5	95.5	95.5	95.6
≥ 2000	88.5	96.3	96.7	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.7
≥ 1800	88.5	96.3	96.7	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.7
≥ 1500	88.9	96.8	97.1	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	98.1	98.1	98.1	98.2
≥ 1200	88.9	96.9	97.2	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.3	98.3	98.3	98.4
≥ 1000	88.9	97.1	97.4	97.5	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.5	98.5	98.5	98.6
≥ 900	88.9	97.1	97.4	97.5	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.5	98.5	98.5	98.6
≥ 800	88.9	97.4	97.7	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.9	98.9	98.9	99.0
≥ 700	88.9	97.5	98.1	98.2	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.4
≥ 600	88.9	97.7	98.2	98.4	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.5	99.5	99.5	99.6
≥ 500	88.9	97.8	98.5	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 400	88.9	97.8	98.5	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 300	88.9	97.8	98.5	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 200	88.9	97.8	98.5	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 100	88.9	97.8	98.5	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	99.9	100.0
≥ 0	88.9	97.8	98.5	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-76 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	56.6	58.3	58.9	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	60.2
≥ 20000	64.8	66.8	67.4	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.7
≥ 18000	65.1	67.2	67.7	67.8	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	69.0
≥ 16000	65.4	67.5	68.0	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.3
≥ 14000	66.8	68.9	69.4	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.7
≥ 12000	69.2	71.6	72.1	72.2	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.2	73.2	73.2	73.5
≥ 10000	72.2	75.2	75.7	75.8	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.8	76.8	76.8	77.1
> 9000	73.9	77.2	77.8	77.9	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.9	78.9	78.9	79.3
≥ 8000	75.1	79.2	79.7	79.9	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.0	81.3
≥ 7000	75.8	79.9	80.5	80.7	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.7	81.7	81.7	82.1
≥ 6000	77.1	81.5	82.1	82.3	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.4	83.4	83.4	83.7
≥ 5000	78.7	83.5	84.0	84.2	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.6
≥ 4500	81.0	86.2	86.7	86.9	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.3
≥ 4000	82.4	88.2	88.9	89.1	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.5
≥ 3500	84.0	90.6	91.3	91.5	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.9
≥ 3000	85.9	92.5	93.2	93.4	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.8
≥ 2500	86.2	93.4	94.2	94.6	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.7	96.0
≥ 2000	86.5	94.2	95.0	95.6	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.7	96.7	96.7	97.0
≥ 1800	86.6	94.3	95.1	95.7	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.8	96.8	96.8	97.1
≥ 1500	86.6	94.5	95.4	96.0	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.5
≥ 1200	86.8	95.1	96.0	96.7	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.8	98.2
≥ 1000	86.9	95.4	96.2	96.9	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.4
≥ 900	86.9	95.4	96.2	96.9	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.4
≥ 800	86.9	95.4	96.2	96.9	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.4
≥ 700	86.9	95.7	96.5	97.2	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.7
≥ 600	87.3	96.2	97.2	97.8	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.4
≥ 500	87.3	96.5	97.5	98.2	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.5	99.9
≥ 400	87.3	96.5	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.6	100.0
≥ 300	87.3	96.5	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.6	100.0
≥ 200	87.3	96.5	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.6	100.0
≥ 100	87.3	96.5	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.6	100.0
≥ 0	87.3	96.5	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 69-76 DEC

(STATION) (STATION NAME) (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	51.4	53.1	53.4	53.6	53.8	53.8	54.0	54.1	54.1	54.3	54.4	54.4	54.7	54.7	54.9	55.2
≥ 20000	61.6	63.8	64.1	64.3	64.6	64.6	64.8	64.9	64.9	65.1	65.1	65.1	65.5	65.5	65.6	66.0
≥ 18000	62.0	64.2	64.5	64.7	64.9	64.9	65.2	65.3	65.3	65.5	65.5	65.5	65.9	65.9	66.0	66.4
≥ 16000	62.6	64.8	65.1	65.3	65.5	65.5	65.8	65.9	65.9	66.1	66.1	66.1	66.5	66.5	66.6	67.0
≥ 14000	64.1	66.3	66.7	66.8	67.1	67.1	67.3	67.4	67.4	67.6	67.7	67.7	68.0	68.0	68.2	68.5
≥ 12000	65.9	68.3	68.7	68.8	69.1	69.1	69.4	69.5	69.5	69.7	69.7	69.7	70.1	70.1	70.2	70.6
≥ 10000	68.8	71.8	72.1	72.3	72.5	72.5	72.8	72.9	72.9	73.2	73.2	73.2	73.5	73.5	73.7	74.1
≥ 9000	70.3	73.8	74.2	74.4	74.7	74.7	74.9	75.0	75.0	75.3	75.4	75.4	75.7	75.7	75.9	76.2
≥ 8000	72.1	76.2	76.6	76.8	77.1	77.1	77.4	77.5	77.5	77.8	77.8	77.8	78.2	78.2	78.3	78.7
≥ 7000	73.0	77.1	77.5	77.7	78.0	78.0	78.3	78.4	78.4	78.7	78.7	78.7	79.1	79.1	79.2	79.6
≥ 6000	74.6	78.9	79.3	79.6	79.9	79.9	80.2	80.3	80.3	80.5	80.6	80.6	80.9	80.9	81.1	81.5
≥ 5000	76.3	81.0	81.4	81.7	82.0	82.0	82.3	82.4	82.4	82.6	82.7	82.7	83.0	83.0	83.2	83.6
≥ 4500	77.8	82.9	83.3	83.6	84.0	84.0	84.2	84.3	84.3	84.6	84.7	84.7	85.0	85.0	85.2	85.5
≥ 4000	79.8	85.5	85.9	86.2	86.5	86.5	86.8	86.9	86.9	87.2	87.2	87.2	87.6	87.6	87.8	88.1
≥ 3500	81.8	87.9	88.3	88.7	89.0	89.0	89.3	89.4	89.4	89.7	89.7	89.7	90.1	90.1	90.2	90.6
≥ 3000	83.3	89.7	90.2	90.6	90.9	90.9	91.2	91.3	91.3	91.6	91.6	91.6	92.0	92.0	92.1	92.5
≥ 2500	84.0	90.7	91.2	91.6	92.0	92.0	92.2	92.3	92.3	92.6	92.7	92.7	93.0	93.0	93.2	93.5
≥ 2000	84.9	92.6	93.1	93.6	94.0	94.0	94.3	94.4	94.4	94.7	94.7	94.7	95.1	95.1	95.2	95.6
≥ 1800	85.0	92.8	93.4	93.9	94.3	94.3	94.6	94.7	94.7	95.0	95.0	95.0	95.4	95.4	95.5	95.9
≥ 1500	85.2	93.4	94.0	94.6	95.0	95.0	95.3	95.4	95.4	95.7	95.7	95.7	96.1	96.1	96.2	96.6
≥ 1200	85.4	93.9	94.5	95.1	95.6	95.6	95.9	96.0	96.0	96.3	96.4	96.4	96.7	96.7	96.9	97.3
≥ 1000	85.5	94.1	94.8	95.4	95.9	95.9	96.2	96.3	96.3	96.6	96.7	96.7	97.0	97.0	97.2	97.6
≥ 900	85.6	94.4	95.0	95.6	96.1	96.1	96.4	96.5	96.5	96.8	96.9	96.9	97.3	97.3	97.4	97.8
≥ 800	85.7	94.6	95.3	95.9	96.4	96.4	96.8	96.9	96.9	97.2	97.3	97.3	97.7	97.7	97.8	98.2
≥ 700	85.7	94.9	95.6	96.2	96.8	96.8	97.1	97.2	97.2	97.5	97.6	97.6	98.0	98.0	98.2	98.5
≥ 600	85.8	95.2	95.9	96.6	97.1	97.1	97.5	97.6	97.6	98.0	98.1	98.1	98.5	98.5	98.6	99.0
≥ 500	85.8	95.3	96.2	96.9	97.4	97.4	97.8	97.9	97.9	98.3	98.4	98.4	98.8	98.8	99.0	99.4
≥ 400	85.9	95.4	96.3	97.1	97.7	97.7	98.1	98.3	98.3	98.6	98.7	98.7	99.1	99.1	99.3	99.7
≥ 300	85.9	95.5	96.4	97.2	97.8	97.9	98.3	98.4	98.4	98.8	98.9	98.9	99.3	99.3	99.5	99.9
≥ 200	85.9	95.6	96.5	97.2	97.8	97.9	98.3	98.4	98.4	98.8	99.0	99.0	99.4	99.4	99.6	100.0
≥ 100	85.9	95.6	96.5	97.2	97.8	97.9	98.3	98.4	98.4	98.8	99.0	99.0	99.4	99.4	99.6	100.0
≥ 0	85.9	95.6	96.5	97.2	97.8	97.9	98.3	98.4	98.4	98.8	99.0	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 79-79 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	52.5	55.3	55.5	55.7	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.3	56.4
≥ 20000	69.1	72.9	73.3	73.5	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	74.1	74.1	74.2	74.2
≥ 18000	69.4	73.3	73.6	73.8	74.0	74.0	74.1	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.5	74.6
≥ 17000	70.0	74.0	74.3	74.6	74.7	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.2	75.3
≥ 16000	71.5	75.6	76.0	76.2	76.4	76.4	76.5	76.5	76.5	76.7	76.7	76.7	76.8	76.8	76.9	77.0
≥ 15000	73.6	78.1	78.5	78.7	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.5
≥ 14000	76.2	81.3	81.7	82.0	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.7	82.8
≥ 13000	77.7	83.3	83.7	84.0	84.1	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.7	84.8
≥ 12000	78.9	84.8	85.3	85.5	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.2	86.2	86.3	86.4
≥ 11000	79.6	85.7	86.1	86.4	86.6	86.6	86.7	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.1	87.2
≥ 10000	80.5	86.8	87.3	87.5	87.7	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.2	88.2	88.3	88.4
≥ 9000	81.4	88.0	88.5	88.8	88.9	89.0	89.1	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.5	89.6
≥ 8000	82.5	89.1	89.8	90.1	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.8	90.8	90.9	91.0
≥ 7000	83.4	90.6	91.1	91.4	91.6	91.6	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.2	92.3
≥ 6000	84.5	91.9	92.4	92.7	93.0	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.5	93.6
≥ 5000	85.3	93.0	93.5	93.9	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.7	94.8
≥ 4500	85.9	93.8	94.4	94.8	95.1	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.7	95.8
≥ 4000	86.7	95.2	95.9	96.3	96.6	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.2	97.3
≥ 3500	86.9	95.5	96.2	96.6	96.9	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.5	97.6
≥ 3000	87.0	95.9	96.6	97.0	97.3	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.9	97.9	98.0	98.1
≥ 2500	87.2	96.2	97.0	97.4	97.7	97.7	97.9	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.5
≥ 2000	87.3	96.4	97.1	97.6	97.9	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.6	98.7
≥ 1800	87.4	96.6	97.3	97.8	98.1	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.9
≥ 1500	87.4	96.7	97.5	97.9	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.9	98.9	99.0	99.1
≥ 1200	87.4	96.8	97.6	98.1	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.3
≥ 1000	87.5	97.0	97.8	98.3	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.4	99.5
≥ 900	87.5	97.0	97.9	98.4	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.5	99.6
≥ 800	87.5	97.1	97.9	98.4	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.7	99.8
≥ 700	87.5	97.1	98.0	98.5	98.9	98.9	99.2	99.2	99.3	99.5	99.5	99.5	99.7	99.7	99.8	99.9
≥ 600	87.5	97.1	98.0	98.5	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.8	100.0
≥ 500	87.5	97.1	98.0	98.5	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.9	100.0
≥ 400	87.5	97.1	98.0	98.5	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 87607

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

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (PERIOD) JAN (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	30.2			29.6						17.5	22.5	4.7	924
	03-05	29.1			29.1						16.1	25.6	4.9	923
	06-08	15.3			34.4						24.8	25.4	5.8	926
	09-11	13.2			30.5						25.3	31.0	6.3	930
	12-14	7.3			33.8						28.2	30.8	6.6	930
	15-17	7.7			34.8						29.8	27.6	6.5	930
	18-20	13.6			34.3						23.4	28.7	6.0	929
	21-23	23.8			31.5						20.6	24.1	5.2	930
TOTALS		17.5			32.3						23.2	27.0	5.8	7422

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE ApT FL (STATION NAME) 70-79 (PERIOD) FEB (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		
FEB	00-02	33.6			26.6						14.9	24.9	4.6	846
	03-05	31.3			22.3						19.4	27.0	5.1	844
	06-08	18.8			31.0						21.1	29.0	5.7	844
	09-11	17.2			29.9						22.2	30.7	6.0	845
	12-14	13.0			32.0						25.4	29.6	6.2	846
	15-17	14.1			32.6						24.9	28.4	6.1	846
	18-20	22.1			27.5						21.6	28.7	5.6	846
	21-23	34.2			23.9						16.0	26.0	4.8	846
TOTALS		23.0			28.2						20.7	28.0	5.5	6763

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE ApT FL (STATION NAME) 70-79 (PERIOD) MAR (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	35.1			27.2						17.0	20.8	4.4	930
	03-05	30.1			32.0						17.3	20.0	4.5	924
	06-08	15.9			35.5						25.7	22.9	5.7	925
	09-11	14.3			37.4						26.1	22.2	5.7	930
	12-14	8.5			43.5						24.5	23.4	5.9	930
	15-17	12.3			42.3						22.1	23.4	5.6	929
	18-20	20.1			38.1						18.8	23.0	5.1	925
	21-23	35.4			29.3						15.6	19.6	4.3	927
TOTALS		21.5			35.7						20.9	21.9	5.2	7420

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (PERIOD) APR (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	37.3			27.9						17.5	17.4	4.1	899
	03-05	35.7			32.6						15.6	16.2	4.0	900
	06-08	19.5			38.3						23.2	19.0	5.1	896
	09-11	14.9			43.2						23.1	18.8	5.3	900
	12-14	12.1			44.4						24.2	19.2	5.4	900
	15-17	15.7			40.5						25.6	18.2	5.3	899
	18-20	22.2			37.8						22.3	17.8	4.9	898
	21-23	37.6			31.3						14.8	16.3	3.9	900
TOTALS		24.4			37.0						20.8	17.9	4.8	7192

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (PERIOD) MAY (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	28.9			34.6						19.5	16.8	4.5	928
	03-05	28.5			35.8						22.2	13.5	4.4	929
	06-08	12.7			37.0						29.8	20.5	5.8	928
	09-11	6.5			41.7						29.4	22.5	6.1	930
	12-14	5.8			38.9						30.5	24.7	6.4	930
	15-17	7.7			36.2						29.1	26.9	6.4	930
	18-20	9.6			33.5						29.9	27.0	6.4	927
	21-23	23.0			30.6						23.2	23.2	5.3	927
TOTALS		15.3			36.1						26.7	21.9	5.7	7429

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE ApT FL (STATION NAME) 69-78 (PERIOD) JUN (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	18.9			35.3						26.1	19.7	5.4	900
	03-05	16.6			42.6						24.7	16.2	5.1	900
	06-08	4.9			41.9						32.3	20.9	6.3	899
	09-11	1.0			44.7						34.6	19.8	6.4	900
	12-14	.6			41.9						34.2	23.3	6.7	900
	15-17	1.3			35.3						33.9	29.4	7.1	900
	18-20	2.4			26.8						31.8	38.9	7.6	899
	21-23	9.0			31.4						28.5	31.1	6.6	899
TOTALS		6.8			37.5						30.8	24.9	6.4	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (PERIOD) JUL (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	18.5			43.0						22.8	15.7	4.9	930
	03-05	19.5			48.2						22.2	10.1	4.5	929
	06-08	5.7			41.1						36.5	16.8	6.2	930
	09-11	2.5			40.0						36.8	20.7	6.6	929
	12-14	1.0			34.2						40.6	24.2	7.1	930
	15-17	1.2			32.2						37.0	29.7	7.3	930
	18-20	1.5			30.8						31.2	36.6	7.4	930
	21-23	8.7			38.4						28.0	24.9	6.2	930
TOTALS		7.3			38.5						31.9	22.3	6.3	7438

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (PERIOD) AUG (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	15.5			48.1						21.7	14.6	4.9	929
	03-05	17.4			52.0						20.1	10.4	4.4	930
	06-08	3.4			51.7						30.1	14.7	5.7	930
	09-11	1.8			47.1						35.4	15.7	6.2	930
	12-14	.8			43.9						35.4	19.9	6.5	929
	15-17	1.1			38.6						34.7	25.6	6.8	930
	18-20	1.8			36.4						30.3	31.5	7.0	928
	21-23	11.3			40.2						24.1	24.4	5.8	929
TOTALS		6.6			44.8						29.0	19.6	5.9	7435

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (PERIOD) SEP (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	12.8			47.3						23.1	16.8	5.2	900
	03-05	13.1			50.1						23.0	13.8	5.0	900
	06-08	3.0			51.3						30.0	15.7	5.8	900
	09-11	.4			49.7						33.9	16.0	6.1	900
	12-14	.4			43.6						38.0	18.0	6.5	900
	15-17	1.9			38.0						35.2	24.9	6.8	900
	18-20	4.0			37.0						25.9	33.1	6.8	900
	21-23	11.0			39.5						23.0	26.5	5.9	899
TOTALS		5.8			44.6						29.0	20.6	6.0	7199

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 69-78 PERIOD | OCT 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	18.9			39.9						20.6	20.5	5.1	930
	03-05	19.3			42.3						18.2	20.2	4.9	929
	06-08	8.0			40.0						31.5	20.5	6.1	930
	09-11	6.5			40.3						30.1	23.1	6.2	930
	12-14	3.0			40.6						33.8	22.6	6.5	929
	15-17	6.1			36.6						31.8	25.5	6.5	930
	18-20	12.5			37.4						22.5	27.6	5.9	930
	21-23	17.5			37.6						21.7	23.1	5.4	930
TOTALS		11.5			39.3						26.3	22.9	5.8	7438

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 59-78 (PERIOD) NOV (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	25.8			34.3						21.0	18.9	4.8	900
	03-05	26.9			32.7						19.7	20.7	4.8	895
	06-08	14.6			40.2						24.2	20.9	5.5	895
	09-11	14.2			34.3						29.2	22.2	5.9	900
	12-14	10.6			38.6						30.2	20.7	5.9	900
	15-17	8.9			37.5						31.5	22.1	6.2	899
	18-20	15.9			34.9						26.9	22.3	5.7	900
	21-23	24.6			34.0						21.3	20.1	5.0	900
TOTALS		17.7			35.8						25.5	21.0	5.5	7189

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 KSC SHUTTLE APT FL 69-78 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	27.2			30.5						19.0	23.2	5.0	930
	03-05	28.7			27.1						20.4	23.8	5.0	930
	06-08	16.6			32.2						26.2	25.1	5.8	930
	09-11	15.4			31.9						27.2	25.5	6.0	930
	12-14	11.0			35.5						27.1	26.4	6.1	929
	15-17	12.4			35.3						25.1	27.3	6.0	930
	18-20	21.1			29.7						22.1	27.0	5.6	928
	21-23	30.1			26.8						19.2	23.9	4.9	925
TOTALS		20.3			31.1						23.3	25.3	5.6	7432

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12868 KSC SHUTTLE APT FL — 69-79 — 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	17.5			32.3						23.2	27.0	5.8	7422
FEB		23.0			28.2						20.7	28.0	5.5	6763
MAR		21.5			35.7						20.9	21.9	5.2	7420
APR		24.4			37.6						20.8	17.9	4.8	7192
MAY		15.3			36.1						26.7	21.9	5.7	7429
JUN		6.8			37.5						30.8	24.9	6.4	7197
JUL		7.3			38.5						31.9	22.3	6.3	7438
AUG		6.6			44.0						29.0	19.6	5.9	7435
SEP		5.8			44.0						29.0	20.6	6.0	7199
OCT		11.5			39.3						26.3	22.9	5.8	7438
NOV		17.7			35.8						25.5	21.0	5.5	7189
DEC		20.3			31.1						23.3	25.3	5.6	7432
TOTALS		14.8			36.7						25.7	22.8	5.7	87554

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
12[illegible] KOC SHUTTLE APT FL 7-7
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
≥ 95					.1	.3	.4	.1					.1
≥ 90				1.5	3.2	11.1	10.9	12.8	3.9	.6			4.4
≥ 85		.2	4.4	10.3	25.1	61.1	59.6	52.2	74.1	19.8	.8	.1	31.5
≥ 80	5.9	8.4	19.2	42.6	82.4	97.7	99.4	99.7	97.7	68.5	25.2	5.6	54.6
≥ 75	26.7	27.4	48.8	80.7	97.9	100.0	100.0	100.0	100.0	92.7	64.8	32.4	72.5
≥ 70	50.9	49.0	73.8	95.1	99.9					99.1	86.8	60.9	84.8
≥ 65	70.7	70.0	89.3	99.5	100.0					100.0	94.7	80.4	92.1
≥ 60	85.0	85.8	96.5	100.0							97.9	91.0	96.5
≥ 55	93.4	95.0	99.0								99.7	96.9	98.7
≥ 50	97.4	99.0	100.0								100.0	99.4	99.7
≥ 45	99.3	100.0										99.9	99.9
≥ 40	99.7											100.0	100.0
≥ 35	100.0												100.0
MEAN	68.5	68.6	73.4	78.4	82.3	85.6	87.4	87.2	85.6	81.1	75.4	70.3	78.7
S. D.	8.454	9.034	6.949	5.019	3.661	2.210	2.340	2.175	2.503	4.037	5.708	7.099	8.762
TOTAL OBS.	682	621	682	659	682	660	682	682	660	682	660	682	8034

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION [illegible] STATION NAME [illegible] YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
≥ 80							.4	.1	.6				.1
≥ 75					1.[illegible]	13.[illegible]	24.9	25.7	20.1	13.[illegible]			[illegible].[illegible]
≥ 70	.3		1.2	10.[illegible]	37.4	76.1	89.7	91.8	87.7	51.5	[illegible].7	1.5	[illegible].[illegible]
≥ 65	6.6	6.[illegible]	17.9	42.[illegible]	73.[illegible]	9[illegible].[illegible]	99.6	100.0	9[illegible].9	76.1	33.[illegible]	13.[illegible]	55.[illegible]
≥ 60	22.6	22.[illegible]	41.5	68.0	89.1	99.7	100.0		99.8	87.7	57.6	32.4	69.[illegible]
≥ 55	44.9	37.[illegible]	59.5	84.1	97.4	100.0			100.0	96.3	75.2	48.8	78.9
≥ 50	60.9	53.[illegible]	78.3	92.[illegible]	99.7					99.5	85.6	62.[illegible]	86.1
≥ 45	73.8	70.7	90.3	97.9	99.9					99.6	93.6	77.0	92.0
≥ 40	83.7	85.[illegible]	96.5	99.5	100.0					100.0	98.9	87.[illegible]	96.1
≥ 35	93.7	95.[illegible]	99.1	99.8							99.8	95.0	98.6
≥ 33	96.0	97.[illegible]	99.6	100.0							100.0	97.5	99.2
≥ 30	98.8	99.0	100.0									99.3	99.8
≥ 25	100.0	100.0										100.0	100.0
MEAN	51.2	50.5	56.2	61.7	66.9	71.4	72.7	72.8	72.9	68.5	59.7	52.9	63.1
S.D.	9.887	9.693	8.337	7.194	5.201	3.067	2.670	2.484	3.080	6.616	8.452	10.223	10.952
TOTAL OBS.	682	621	682	659	682	660	682	682	660	682	660	682	8034

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

USAF ETAC
AIR WEATHER SERVICE/MAC
12[illegible] KSC SHUTTLE APT FL 7-74
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 85					.1	1.4	2.3	1.5					.4
80			.1	1.5	7.2	38.0	64.8	65.0	52.4	14.2			20.4
75	.6	.5	5.0	23.7	60.0	95.2	99.3	99.7	97.7	61.6	11.8	2.8	46.9
70	13.0	13.0	30.8	60.5	90.5	100.0	100.0	100.0	100.0	87.2	48.5	18.2	63.7
65	37.2	31.2	55.7	84.7	99.0					96.0	73.2	43.0	76.9
60	56.7	51.9	79.3	95.8	100.0					99.3	88.3	62.8	86.3
55	74.9	72.3	90.8	99.4						100.0	95.6	81.1	92.9
50	86.1	88.6	96.9	100.0							98.9	91.5	96.9
45	94.6	97.1	99.7								99.8	97.4	99.1
40	98.1	99.8	100.0								100.0	99.7	99.8
35	99.7	100.0										100.0	100.0
≤ 30	100.0												100.0
MEAN	60.1	59.8	65.1	70.3	74.0	78.7	80.3	80.3	79.5	74.8	67.8	61.8	71.1
S.D.	8.607	9.119	7.048	5.360	3.698	2.584	2.124	1.870	2.189	4.801	6.512	8.115	9.504
TOTAL OBS.	682	621	682	659	682	660	682	682	660	682	660	682	8034

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 57-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
57						94	93	94	89	85	85	78	
58	75	82	83	88	85	96	91	93	94	89	83	77	96
59	81	84	85	87	87	90	91	90	91	91	84	77	91
60	82	82	83	86	87	89	90	91	91	86	82	76	91
61	80	81	87	89	91	92	95	94	92	87	82	85	95
62	82	83	86	83	94	91	92	92	89	89	81	78	94
63	81	80	84	89	90	94	91	92	92	86	79	79	94
64	79	78	86	86	87	92	94	91	90	87	81	78	94
65	82	86	88	89	89	89	88	90	92	90	80	82	92
66	79	77	79	82	89	90	93	90	89	88	83	77	93
67	84	82	86	92	93	89	90	88	88	86	83	82	93
68	79	73	81	94	90	89	91	90	90	87	83	79	94
69	79	79	85	85	86	90	96	92	90	87	81	77	96
70	77	77	88*	87	87	93	90	93	90	86	82	82	93
71	83	80	87	94	93	94	92	91	88	89	84	82	94
72	82	81	84	90	87	93	89	90	90	86	85	83	93
73	82	80	83	85	95	91	93	91	90	87	85	79	95
74	83	84	89	85	88	90	93	90	91	88	85	78	93
75	83	87	89	90	90	92	92	90	89	88	83	79	92
76	78	84	86	89	87	87	94	91	92	87	83	79	94
77	80	78	87	86	87	94	92	91	92	90	82	82	94
78	79	77	87	88	91	93	96	95	93	90	84	85	96
79	79	81	81	90	90								
MEAN	80.4	80.7	85.2	88.0	89.2	91.2	92.1	91.3	90.5	87.7	82.7	79.7	93.7
S.D.	2.239	3.312	2.684	3.201	2.742	2.262	2.114	1.673	1.595	1.644	1.667	2.676	1.490
TOTAL OBS.	682	621	682	659	682	660	682	682	660	682	660	682	8034

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AS 64 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12868 KSC SHUTTLE APT FL 57-79
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
57						66	70	67	70	51	48	27	
58	30	30	41	56	55	67	69	71	71	55	50	40	30
59	32	53	40	50	55	67	69	70	68	53	39	39	32
60	33	39	38	48	54	61	71	68	67	55	54	33	33
61	34	37	35	46	57	58	70	70	68	50	54	32	32
62	35	45	34	47	59	68	67	72	67	55	44	25	25
63	37	36	39	45	54	65	68	69	70	46	43	33	33
64	29	35	43	44	56	66	69	69	62	54	49	43	29
65	30	28	41	48	47	57	67	66	67	57	48	40	28
66	28	32	37	44	62	69	65	69	63	51	43	31	28
67	36	33	44	47	54	67	68	65	65	58	47	42	33
68	31	36	30	51	51	66	66	68	64	48	38	25	25
69	38	35	35	54	56	66	70	68	71	65	35	31	31
70	28	31	44*	50	51	61	62	69	65	61	34	30	28
71	30	31	34	34	44	61	66	68	66	62	43	53	30
72	46	34	47	42	59	60	69	67	59	56	45	31	31
73	31	33	46	40	56	65	68	66	68	44	52	32	31
74	50	31	44	47	55	66	66	67	69	53	43	36	31
75	38	42	42	37	62	67	60	67	68	61	37	34	34
76	31	30	43	44	56	65	68	67	64	51	41	33	30
77	26	27	32	42	50	68	66	71	68	40	40	31	26
78	28	25	38	52	63	68	72	66	69	59	56	49	25
79	32	35	47	50	54								
MEAN	33.3	34.5	39.7	46.1	55.0	64.7	67.5	68.2	66.8	53.9	44.7	35.0	29.9
S.D.	5.842	6.239	4.920	5.356	4.619	3.439	2.790	1.842	3.038	6.097	6.252	7.185	2.852
TOTAL OBS.	682	621	682	659	682	660	682	682	660	682	660	682	8026

NOTES * (BASED ON LESS THAN FULL MONTH(S))
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM AUG 80 0-88-6 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12863 STATION | KSC SHUTTLE APT FL STATION NAME | 70-7[illegible] YEARS | JAN MONTH

 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
74/ 73				.1														1	1		
72/ 71		1.7	1.1	.1														27	27	4	1
70/ 69	.2	4.4	1.8	.4	.2													66	66	26	22
68/ 67	1.4	7.2	1.5	.3	.1													98	98	85	61
66/ 65	1.2	5.6	1.2	.6	.3													83	83	89	90
64/ 63	1.1	6.0	1.5	.6	.6													93	93	74	76
62/ 61	1.2	3.4	.8	.2	.4													56	56	84	72
60/ 59	1.3	5.1	1.2		.2	.1												73	73	69	73
58/ 57	1.2	3.6	1.2	1.2	.5													71	71	68	62
56/ 55	.4	3.3	1.0	.2	.4													48	48	56	56
54/ 53	.3	3.0	1.5	.3	.2													50	50	46	47
52/ 51	.1	2.0	.4	.4	.1													29	29	43	48
50/ 49	.2	1.5	.5	.2		.2												25	25	40	32
48/ 47		.8	1.0	.8	.1													26	26	24	39
46/ 45		1.9	1.1	.1	.1													30	30	14	17
44/ 43		2.4	1.0	.9	.1													40	40	40	18
42/ 41	.1	1.3	.0	.6	.2													27	27	34	41
40/ 39	.3	.8	1.0	.6														25	25	29	27
38/ 37	.2	1.9	.5	.4	.1													30	30	26	25
36/ 35	.1	.5	.2	.2	.1													11	11	29	25
34/ 33	.1	.5	.2	.1														9	9	19	15
32/ 31	.1	.3	.2															6	6	12	26
30/ 29	.4		.1															5	5	13	18
28/ 27																				3	14
26/ 25																				1	5
24/ 23																					3
22/ 21																					6
20/ 19																					3
18/ 17																					3
16/ 15																					3
14/ 13																					1
TOTAL	10.0	57.4	19.6	8.6	4.1	.3													929		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7047235	80109	86.2	12.25	929							
Dry Bulb	3132026	53082	57.1	10.32	929		1.1	19.2	.1			93
Wet Bulb	2909765	51027	54.9	10.76	929		2.9	11.5				93
Dew Point	2744086	49170	52.9	12.35	929		8.2	8.4				93

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

6638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 70-79 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
74/ 73		.1	.1															2	2		
72/ 71		1.1	.0															16	16	2	
70/ 69	.1	2.9	1.5	.1	.5													48	48	17	15
68/ 67	.0	6.7	.6															74	74	56	37
66/ 65	1.1	5.6	1.2	.5	.2													80	80	93	99
64/ 63	2.2	5.3	1.2	.5	.3													88	88	82	79
62/ 61	1.8	4.0	1.3	.4	.1													77	77	74	64
60/ 59	2.2	3.3	.5	.2	.1													59	59	74	71
58/ 57	1.5	3.1	1.2	.4	.2													60	60	63	65
56/ 55	1.1	4.5	1.4	.5	.2	.1												81	81	57	58
54/ 53	.3	3.2	.9	.2	.3													50	50	63	49
52/ 51	.3	2.8	.8	.2														38	38	46	45
50/ 49	.2	2.0	.3	.3	.1													28	28	42	49
48/ 47	.2	1.0	.2	.0														25	25	27	32
46/ 45	.1	2.4	1.0	.1														39	39	25	34
44/ 43	.2	1.6	1.0	.6														32	32	41	28
42/ 41		1.5	1.4	.2														29	29	23	22
40/ 39	.2	1.1	1.3	.6	.1													31	31	35	23
38/ 37	.4	.5	.9	.4	.1													22	22	25	23
36/ 35		1.3	.3	.2	.1													18	18	21	26
34/ 33	.2	.8	.3	.2	.2													16	16	27	28
32/ 31		.5	.3	.1														9	9	10	20
30/ 29	.2		.2															4	4	13	17
28/ 27	.3																	3	3	9	15
26/ 25																				4	6
24/ 23																					3
22/ 21																					5
20/ 19																					6
18/ 17																					4
16/ 15																					1
14/ 13																					2
12/ 11																					1
10/ 9																					1
6/ 5																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 82 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
80-7. — YEARS
JAN — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	14.	856.	819.2	6.8	2.7	.1												929		929
																	929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7256290	81350	87.6	11.958	929							
Dry Bulb	3003921	51941	55.9	10.374	929		1.6	14.0	.2			93
Wet Bulb	2813694	50128	54.0	10.829	929		3.6	7.5				93
Dew Point	2670958	48454	52.2	12.445	929		8.2	5.2				93

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

USAFETAC 6039

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12802 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) JAN (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
74/ 73		.1																1	1		
72/ 71		1.3	.4		.1													17	17	2	
70/ 69	.4	2.8	1.5	.4	.1													48	48	21	18
68/ 67	1.4	4.1	1.0	.1														59	59	36	39
66/ 65	2.4	5.5	.6	.3	.3	.1												92	92	78	85
64/ 63	2.3	4.4	.5	.6	.2													75	75	85	74
62/ 61	1.6	4.4	.3	.2	.4													70	70	62	71
60/ 59	1.7	3.0	.3	.9	.2													57	57	63	55
58/ 57	3.2	4.6	.4	.4														81	81	82	77
56/ 55	1.7	3.0	.6	.2	.1													54	54	57	62
54/ 53	.4	4.1	1.3	.1	.2	.2												59	59	46	34
52/ 51	.4	3.4	1.1	.2	.1													52	52	59	54
50/ 49	.2	2.3	.9	.2	.1													34	34	43	50
48/ 47	.1	2.0	.4															24	24	38	40
46/ 45	.1	3.0	.8	.4														40	40	36	27
44/ 43		1.0	.6	.3														18	18	32	29
42/ 41	.1	1.5	.9	.1	.1													25	25	17	26
40/ 39		1.5	1.1	.5														29	29	31	23
38/ 37	.3	.9	1.0	.8														27	27	23	21
36/ 35	.2	1.1	1.0	.1														22	22	20	31
34/ 33		1.3	.6															18	18	26	17
32/ 31	.5		.5	.3														13	13	26	26
30/ 29		.1	.6	.3														10	10	8	12
28/ 27	.1		.2															3	3	5	12
26/ 25		.2																2	2	12	13
24/ 23																				2	9
22/ 21																					5
20/ 19																					7
18/ 17																					5
16/ 15																					5
12/ 11																					3
TOTAL	17.6	55.6	17.9	6.9	2.0	.3													930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7315964	81726	87.9	12.014	930							
Dry Bulb	2951524	51434	55.3	10.729	930		2.6	12.5	.1			93
Wet Bulb	2771578	49698	53.4	11.164	930		5.3	7.9				93
Dew Point	2634088	48050	51.7	12.770	930		9.7	5.7				93

FORM 30 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12836 KSC SHUTTLE APT FL 70-7[illegible] JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.3	.1													4	4		
78/ 77			.1	1.4	1.2	.4												27	27		
76/ 75			2.0	4.0	1.0	.1												72	72		
74/ 73		.3	4.0	3.2	.4	.4	.3		.1									82	82	11	
72/ 71	.1	1.8	4.0	1.9	.9	.4												81	81	49	12
70/ 69	.4	3.4	2.9	1.4	.9	.9	.2	.1										95	95	119	65
68/ 67	1.0	3.2	1.8	1.5	.8	.6	.1											85	85	110	109
66/ 65		2.7	.9	.9	1.1	.2	.2											52	52	76	104
64/ 63	.2	2.6	.6	.0	.5	.0												49	49	79	76
62/ 61	.2	1.7	1.3	.6	.3	.2	.1											42	42	51	60
60/ 59		2.0	1.1	1.0	.4	.3	.3		.1									49	49	46	45
58/ 57	.3	1.3	1.4	.3	.4	.4	.1											40	40	56	39
56/ 55	.1	.8	1.2	1.2	.6	.6	.1	.1	.1									46	46	42	46
54/ 53		1.2	.6	1.2	.3													32	32	32	39
52/ 51		.8	.9	.5	.4	.3	.3	.1										31	31	31	30
50/ 49		.5	.9	1.4	.2	.2	.1											31	31	38	43
48/ 47		.2	.9	.8	.4	.2	.1											24	24	29	28
46/ 45		.1	.6	.9	.3		.2											20	20	32	20
44/ 43			.2	.5	.6	.1	.1											15	15	24	15
42/ 41		.2	.4	.9	.3													17	17	19	29
40/ 39			.4	.5	.2	.1												12	12	21	32
38/ 37			.2	.4														6	6	15	21
36/ 35			.3	.3														6	6	20	12
34/ 33			.3	.2	.1													6	6	9	14
32/ 31			.1	.3														4	4	13	10
30/ 29				.1														1	1	4	19
28/ 27			.1															1	1	5	11
26/ 25																				3	6
24/ 23																					10
22/ 21																					15
20/ 19																					6
18/ 17																					4
16/ 15																					6
14/ 13																					3

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12306 STATION | KSC SHUTTLE APT FL STATION NAME | [illegible]-79 YEARS | JAN MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
12/ 11																					1
TOTAL	2	426	427	275	112	3	24	4	3									930	930		930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5459255	697881	75.0	15.261	930							
Dry Bulb	3777407	58419	62.8	10.770	930		.6	44.6	18.5	.1		93
Wet Bulb	3274657	54189	58.3	11.231	930		2.5	76.9	1.1			93
Dew Point	2928172	50565	54.4	13.877	930		9.1	18.0				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 — STATION
KSC SHUTTLE APT FL — STATION NAME
0-7 — YEARS
JAN — MONTH

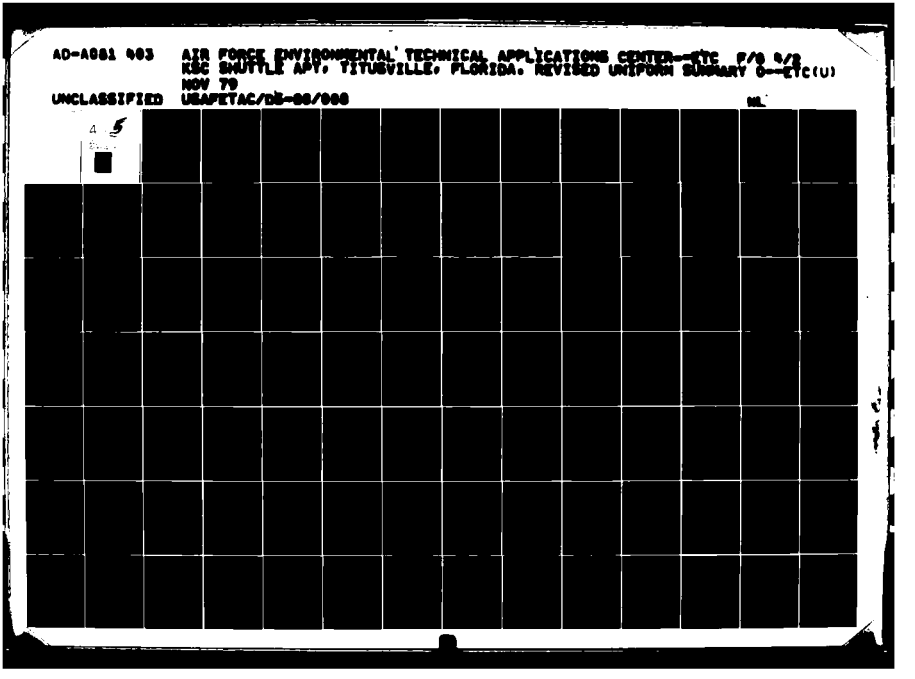
1200-1400 — HOURS (L. S. T.)

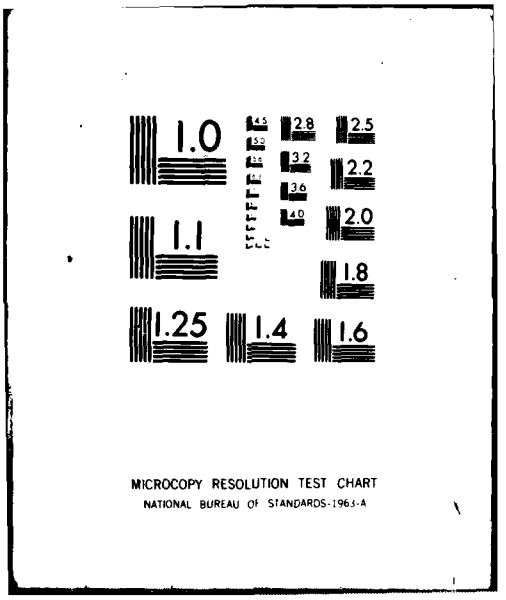
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81				.1	.3	.3	1.4	.2										24	24		
80/ 79				.4	2.5	1.3	.4											44	46		
78/ 77			.2	2.3	7.7	1.9	.5											118	118		
76/ 75			.9	4.1	3.3	2.0	.2	.1	.3									98	98	1	
74/ 73		.2	1.4	1.7	2.2	1.8	.2	.3										73	73	21	2
72/ 71		.5	1.0	1.7	1.9	1.2	1.1											75	75	73	9
70/ 69		.3	1.2	1.4	1.1	1.9	.0											57	57	150	50
68/ 67		1.1	1.7	.4	1.3	1.0	.3	.2		.1								60	60	73	76
66/ 65		.0	.5	1.3	.9	1.2	1.2	.2	.2	.1								59	59	77	117
64/ 63		.5	.2	.5	.4	.0	.4	.1	.4	.1								33	33	73	69
62/ 61		.5	.5	.6	1.0	.6	.2	.1	.1	.1								36	36	38	75
60/ 59	.1	1.2	1.0	1.0	.9	.5	.3	.2	.3	.2	.1							54	54	61	41
58/ 57	.2	.2	1.0	1.0	1.1	.2	.3	.3	.1	.1								42	42	44	45
56/ 55		.4	.2	1.1	.5	.2	.4	.1	.1	.1								30	30	39	40
54/ 53		.1		.3	.0	.5	.3	.1										24	24	48	44
52/ 51		.3		.4	.4	.5	.3	.5										28	28	28	40
50/ 49				1.3	.4	.1	.3	.5										25	25	35	31
48/ 47		.2	.1	.6	.2	.2	.3											16	16	19	37
46/ 45		.1	.2	.1	.2	.3	.1											10	10	33	23
44/ 43			.2	.3														7	7	32	28
42/ 41			.1	.2	.1	.2												6	6	17	23
40/ 39			.1	.1	.1	.4												5	5	15	20
38/ 37				.2														2	2	18	19
36/ 35																				11	16
34/ 33				.2														2	2	3	13
32/ 31																				5	14
30/ 29																				1	10
28/ 27																				2	14
26/ 25																					2
24/ 23																					9
22/ 21																					6
20/ 19																					1
18/ 17																					11
16/ 15																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Temp
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD-A081 403 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KSC SHUTTLE APT, TITUSVILLE, FLORIDA. REVISED UNIFORM SUMMARY O--ETC(U)
NOV 79
UNCLASSIFIED USAFETAC/DS-80/008 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 70-72 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					2
12/ 11																					3
TOTAL	.3	6.0	10.9	23.0	27.2	17.5	6.9	3.1	1.0	.9	.1							930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4062729	59767	64.3	15.450	930							
Dry Bulb	4289326	62454	67.2	10.072	930			55.1	35.9	4.2		93
Wet Bulb	3432306	55668	59.9	10.394	930		.8	33.0	2.4			93
Dew Point	2888423	50219	54.0	13.790	930		9.2	13.7	.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 STATION | KSC SHUTTLE APT FL STATION NAME | 10-7. YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.2										2	2		
82/ 81					.1	.1	.9	.3	.1	.1								15	15		
80/ 79				1.1	.6	.3	.4	.4	.1	.1								29	29		
78/ 77			.5	2.0	3.1	.6	.4	.1										64	64		
76/ 75			1.1	4.7	2.5	.9	.4	.1										90	90		
74/ 73		.2	2.3	3.9	1.2	1.3	.9	.2	.1									93	93	20	
72/ 71		1.0	3.2	1.5	1.8	.9	.1	.1										80	80	62	17
70/ 69		.3	3.0	1.6	1.3	.8	.3											72	72	123	46
68/ 67		.9	2.6	.9	.6	1.0	.3		.2	.1	.1							62	62	91	84
66/ 65	.1	1.3	1.8	1.7	1.1	.8	.3	.2	.1	.1	.1							71	71	83	92
64/ 63	.1	.6	.8	1.2	1.6	1.1	.5	.2	.2			.1						60	60	73	96
62/ 61		1.0	.4	.2	.3	.3	.3	.3	.2	.4	.2							43	43	62	59
60/ 59	.2	.3	.5	1.3	.6	.2	.1	.2	.1									35	35	58	65
58/ 57		1.0	.4	1.4	1.1	.8	.3	.1	.1									48	48	47	39
56/ 55		.2	.8	.6	1.0	.5	.1	.0	.2									38	38	34	48
54/ 53		.2	.8	.9	.4	.3	.6	.3										35	35	39	47
52/ 51			.4	1.0	.6	.6		.1										26	26	39	29
50/ 49	.1	.3	.1	1.1	.8	.3	.3	.1										29	29	41	36
48/ 47	.1	.3		.4	.4	.1												13	13	35	34
46/ 45			.1	.4	.1		.1		.1									8	8	31	36
44/ 43			.2	.3		.1	.1											7	7	27	23
42/ 41				.3			.2											5	5	30	17
40/ 39			.1			.1												2	2	17	21
38/ 37				.2	.1													3	3	10	23
36/ 35																				2	16
34/ 33																				2	16
32/ 31																				6	19
30/ 29																				2	13
28/ 27																					11
26/ 25																					9
24/ 23																					3
22/ 21																					10
20/ 19																					8
18/ 17																					2

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	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-79 — YEARS
JAN — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					3
14/ 13																					5
8/ 7																					1
6/ 5																					1
-2/ -3																					1
TOTAL	.0	7.0	19.5	20.0	20.3	11.3	6.9	3.8	1.6	.9	.4	.1							930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4399317	62105	66.8	16.469	930							
Dry Bulb	4159784	61584	66.2	9.380	930			50.7	29.3	2.7		93
Wet Bulb	3389226	55370	59.5	9.947	930		.8	29.6	2.0			93
Dew Point	2889147	50293	54.1	13.503	930	.1	8.6	14.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-7[illegible] — 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
78/ 77						.1												1	1		
76/ 75		.2				.3												5	5		
74/ 73		1.7	1.2	.4	.3	.1												35	35	4	1
72/ 71		3.4	4.2	.5														76	76	19	13
70/ 69	.3	6.6	3.7	.4	.2		.1											105	105	73	39
68/ 67	.3	5.0	3.2	1.3	.3	.4												98	98	104	101
66/ 65	.5	5.2	2.5	1.0	.1	.1												87	87	90	78
64/ 63		4.4	2.4	.5	.8													75	75	92	83
62/ 61	.4	2.5	1.4	1.4	.5	.1												59	59	67	78
60/ 59	.1	2.0	1.3	1.1	1.1	.1	.1											56	56	52	62
58/ 57		2.3	1.7	.2	.8	.1			.1									48	48	45	40
56/ 55		2.3	1.0	1.1	.6	.2	.2		.1									52	52	65	43
54/ 53		.9	1.3	1.0	.3	.5	.1											40	40	44	49
52/ 51		.9	.5	.4	.9	.3	.1	.1										30	30	22	34
50/ 49		1.1	.8	.4	.2	.2	.2	.1										28	28	40	30
48/ 47		1.5	.9	1.0	.2	.5	.1											39	39	31	36
46/ 45		.6	1.5	.6	.3	.1												31	31	36	22
44/ 43		.5	.4	1.1	.5													24	24	32	37
42/ 41		.9	.2	.3														13	13	36	23
40/ 39		.3	.8		.3													13	13	23	21
38/ 37		.1	.3	.1														5	5	25	24
36/ 35			.4															4	4	14	28
34/ 33		.2	.2															4	4	3	8
32/ 31		.1																1	1	10	26
30/ 29																				2	16
28/ 27																					9
26/ 25																					10
24/ 23																					5
22/ 21																					6
20/ 19																					2
18/ 17																					1
16/ 15																					4
TOTAL	1.7	42.6	30.0	13.0	7.9	3.3	1.0	.2	.2									929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6168604	74494	80.2	14.501	929							
Dry Bulb	3501770	56362	60.7	9.418	929		.1	32.0	4.1			93
Wet Bulb	3142298	53178	57.2	10.291	929		1.2	20.0	.4			93
Dew Point	2879292	50256	54.2	12.695	929		7.9	15.4	.1			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 70-79 YEARS | JAN MONTH

PAGE 1 | 2100-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		1.1	.4	.1														15	15	1	
72/ 71		2.3	2.3	.4														46	46	14	9
70/ 69	.4	5.0	1.5	.4	.1	.1	.1											77	77	52	28
68/ 67	1.2	6.1	2.0	1.3	.4	.1												109	109	91	90
66/ 65	1.1	5.9	.8	.8	.3	.4												85	85	85	75
64/ 63	.3	5.3	1.4	.8	.4	.1												77	77	79	83
62/ 61	.4	4.0	1.1	.2	.4													55	55	65	49
60/ 59	.0	4.3	1.9	1.2	.3													74	74	67	78
58/ 57	.3	3.1	1.5	.5	.5	.2	.1											59	59	66	57
56/ 55		2.0	1.0	1.0	.0	.1												44	44	45	48
54/ 53		1.9	1.1	.0	.2	.2												38	38	53	41
52/ 51		2.2	.4	.3	.3													30	30	30	32
50/ 49		1.7	.8	.4	.4	.2												33	33	42	43
48/ 47		1.2	1.0	1.0	.2	.1	.1											33	33	30	35
46/ 45		1.6	1.1	.4	.2	.2												33	33	25	26
44/ 43		1.9	1.0	.4	.0													37	37	37	22
42/ 41		.3	.8	.3	.3													16	16	36	41
40/ 39	.1	1.1	.3	.1	.2													22	22	22	22
38/ 37	.1	1.5	.2	.4	.1													22	22	33	22
36/ 35		.4	.1															5	5	23	35
34/ 33		.4																4	4	10	21
32/ 31	.2	1.0	.1															12	12	14	17
30/ 29	.1	.3																4	4	7	17
28/ 27																				3	13
26/ 25																					11
24/ 23																					5
22/ 21																					5
20/ 19																					2
18/ 17																					2
16/ 15																					1
TOTAL	4.7	55.3	21.2	10.8	5.9	1.8	.3											930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6699795	77947	83.8	13.397	930							
Dry Bulb	3266330	54280	58.4	10.284	930		1.6	24.7	1.5			93
Wet Bulb	2991953	51785	55.7	10.803	930		2.4	15.8	.1			93
Dew Point	2785988	49544	53.3	12.563	930		7.3	12.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12864 STATION | KSC SHUTTLE APT FL STATION NAME | 80-87 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83								.0										2	2		
82/ 81				.0	.1	.1	.3	.1	.0	.0								39	39		
80/ 79				.3	.4	.2	.1	.1	.0	.0								79	79		
78/ 77			.1	.7	1.5	.4	.1	.0										210	210		
76/ 75		.0	.4	1.0	.9	.4	.1	.0	.0									265	265	3	
74/ 73		.5	1.4	1.2	.5	.5	.2	.1	.0									302	302	57	3
72/ 71	.1	1.6	2.2	.7	.6	.3	.1	.0										418	418	225	61
70/ 69	.4	3.3	2.2	.8	.5	.4	.2	.0										568	568	591	283
68/ 67	.7	4.3	1.9	.7	.4	.5	.1	.0	.0	.0	.0							645	645	666	597
66/ 65	.4	4.1	1.2	.3	.3	.3	.2	.1	.0	.0	.0							609	609	671	740
64/ 63	.6	3.6	1.1	.7	.7	.3	.1	.0	.1	.0		.0						550	550	633	656
62/ 61	.7	2.8	1.0	.5	.5	.2	.1	.1	.0	.1	.0							438	438	503	528
60/ 59	.6	2.7	1.0	.6	.5	.2	.1	.1	.1	.0	.0							457	457	490	490
58/ 57	.6	2.4	1.1	.7	.6	.2	.1	.1	.0	.0								449	449	471	424
56/ 55	.5	2.1	.9	.7	.5	.2	.1	.1	.1	.0								393	393	395	401
54/ 53	.2	1.8	.9	.6	.4	.3	.1	.1										328	328	371	350
52/ 51	.1	1.5	.6	.5	.4	.2	.1	.1										264	264	299	312
50/ 49	.1	1.2	.5	.7	.3	.2	.1	.1										233	233	322	314
48/ 47	.1	1.0	.6	.6	.4	.1	.1											200	200	233	281
46/ 45	.0	1.2	.3	.4	.2	.1	.1		.0									211	211	232	205
44/ 43	.0	.9	.6	.6	.4	.0	.0											180	180	265	200
42/ 41	.0	.7	.6	.4	.1	.0	.0											138	138	212	222
40/ 39	.1	.6	.7	.3	.1	.1												139	139	193	189
38/ 37	.1	.6	.4	.4	.1													117	117	175	178
36/ 35	.0	.4	.3	.1	.0													66	66	140	189
34/ 33	.0	.4	.2	.1	.0													59	59	95	132
32/ 31	.1	.2	.2	.1														45	45	96	158
30/ 29	.1	.1	.1	.1														24	24	50	128
28/ 27	.1		.0															7	7	27	99
26/ 25		.0																2	2	20	62
24/ 23																				2	47
22/ 21																					58
20/ 19																					41
18/ 17																					32

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12864	KSC SHUTTLE APT FL	70-79	JAN
STATION	STATION NAME	YEARS	MONTH

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
16/ 15																					31
14/ 13																					12
12/ 11																					8
10/ 9																					1
8/ 7																					1
6/ 5																					2
-2/ -3																					1
TOTAL	0	938	1270	1515	2103	1351	724	249	97	53	22	11	3					7437	7437		7437
																		7437		7437	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	48402189	587279	79.0	16.508	7437							
Dry Bulb	28081090	449556	60.4	11.039	7437		7.8	252.9	89.7	7.0		744
Wet Bulb	24725477	421043	56.6	10.930	7437		19.5	154.3	6.0			744
Dew Point	22420153	396653	53.3	13.041	7437	.1	68.2	94.4	.3			744

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12R03 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-7, (YEARS) FEB (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
72/ 71		1.4	.6															17	17		
70/ 69		2.8	1.5															37	37	25	13
68/ 67	.5	5.6	2.5	.4		.4												78	78	39	35
66/ 65	.2	5.4	1.7	1.3														73	73	61	60
64/ 63	.2	2.6	.1	.2	.4	.1												31	31	66	47
62/ 61	.1	3.8	1.1	.2	.4	.1												55	55	42	59
60/ 59	.1	4.4	.6	.1	.4													53	53	60	45
58/ 57	.4	4.0	1.6	.6	.2													61	61	49	48
56/ 55	.4	4.1	1.4	1.3														61	61	49	51
54/ 53	.3	2.6	1.1	.6														42	42	56	46
52/ 51	.2	3.4	.1	.4	.4	.1												45	45	48	44
50/ 49	.2	4.0	.9	1.5														57	57	50	45
48/ 47	.4	3.4	1.3	.6														49	48	50	46
46/ 45	.1	3.9	1.4	.9	.4													57	57	55	50
44/ 43		3.0	1.3	1.1	.1	.2												48	48	50	43
42/ 41		2.2	.5	.4	.1	.1												28	28	43	46
40/ 39	.4	.8	.6	.1														16	16	38	47
38/ 37	.1	1.4	.5															17	17	20	26
36/ 35		.7	.1															7	7	21	24
34/ 33	.1	.8																8	8	13	15
32/ 31	.1	.5																5	5	5	26
30/ 29		.1																1	1	5	14
28/ 27		.1																1	1	1	7
26/ 25																					5
24/ 23																					1
18/ 17																					3
TOTAL	5.6	61.2	19.7	10.2	2.2	1.1												846	846	846	846

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6312575	72429	85.6	11.490	846							
Dry Bulb	2663168	46752	55.3	9.702	846		.7	13.1				84
Wet Bulb	2455880	44802	53.0	9.928	846		1.1	0.4				84
Dew Point	2295419	43053	50.9	11.118	846		5.6	4.8				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12863 STATION | KSC SHUTTLE APT FL STATION NAME | 70-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.7	.2															8	8		
70/ 69	.2	2.1	.3															25	25	12	10
68/ 67	.4	6.5	.9	.2	.1	.2												71	71	42	32
66/ 65	.3	5.0	1.4	.8														68	68	69	63
64/ 63	.5	3.7	.7			.1												42	42	43	38
62/ 61	.4	3.8	.6	.4	.4													46	46	48	46
60/ 59	.7	4.9	.7	.2	.4													58	58	55	49
58/ 57	.2	4.1	.6	.2	.2													46	46	54	53
56/ 55	.4	5.3	.9	.6	.1													67	67	41	46
54/ 53	.5	4.5	1.3	.4	.1													57	57	66	58
52/ 51	.3	3.4	1.7	.4	.2		.1											53	53	56	56
50/ 49	.5	3.1	1.3	.2	.1	.1												45	45	47	38
48/ 47	.4	4.6	1.7	.4		.1												60	60	55	47
46/ 45	.2	4.3	1.2	.2														50	50	50	50
44/ 43		3.0	.7	.5														35	35	52	45
42/ 41		3.0	1.7	.5		.4												46	46	37	40
40/ 39	.1	1.1	.3	.4														20	20	34	50
38/ 37	.5	.7	.4	.4														16	16	27	20
36/ 35		.9	.1	.1														10	10	15	10
34/ 33	.1	.7																7	7	18	18
32/ 31		.8		.1														8	8	11	26
30/ 29	.4	.1																4	4	9	13
28/ 27	.1	.1																2	2	1	15
26/ 25																					7
22/ 21																					1
20/ 19																					3
18/ 17																					3
16/ 15																					1
TOTAL	6.8	67.1	17.5	5.9	1.7	.9	.1											844	844	844	844

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 90 F	≤ 93 F	Total
Rel. Hum.	6513510	73556	87.2	11.053	844							
Dry Bulb	2568252	45824	54.3	9.759	844		1.4	10.4				84
Wet Bulb	2391928	44126	52.3	10.037	844		2.3	5.4				84
Dew Point	2256036	42580	50.5	11.312	844		6.9	4.2				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 10-7 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71	.1	.4	.2															6	6	1	1
70/ 69	.1	4.6	.9		.1													49	49	13	7
68/ 67	.8	4.8	.4	.4	.2													56	56	59	44
66/ 65	.3	2.5	1.3	.1														46	46	45	60
64/ 63	1.2	2.9	1.8	.2	.2	.1												54	54	46	36
62/ 61	.6	5.1	.6	.1														54	54	40	34
60/ 59	.4	4.4	.7	.2	.3													52	52	66	50
58/ 57	.3	4.1	.9	.6														52	52	43	58
56/ 55	.8	5.2	1.3	.5														64	64	51	49
54/ 53	.5	4.7	1.5	.1														58	58	06	58
52/ 51	.2	3.5	1.1		.1													42	42	37	50
50/ 49	.7	2.8	1.7	.2	.4													49	49	50	45
48/ 47	.7	4.5	1.2	.6	.2													61	61	48	57
46/ 45	.2	3.0	1.8	.6	.4													50	50	47	53
44/ 43	.2	2.2	.9															29	29	38	30
42/ 41	.2	2.6	1.2	.4		.2												39	39	48	31
40/ 39	.1	1.7	.4	.2	.2													22	22	35	34
38/ 37	.1	.8	1.2	.5														22	22	21	32
36/ 35	.2	.6	.7	.4														16	16	17	33
34/ 33	.2	.8	.1															10	10	20	13
32/ 31	.1	.4	.1	.2														7	7	18	18
30/ 29		.5																4	4	6	18
28/ 27		.4																3	3	4	7
26/ 25		.1																1	1	5	9
24/ 23																					5
22/ 21																					4
20/ 19																					5
18/ 17																					3
16/ 15																					1
14/ 13																					1
TOTAL	6.9	62.5	20.0	5.9	2.4	.4												846	846	846	846

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6506828	73592	87.0	11.157	846							
Dry Bulb	2564735	45793	54.1	10.089	846		1.5	11.0				84
Wet Bulb	2386795	44069	52.1	10.389	846		3.3	7.2				84
Dew Point	2251489	42507	50.2	11.703	846		7.0	5.2				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 70-77 YEARS | FEB 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
80/ 79					.3	.1												5	5		
78/ 77				.9	1.2	.1	.1											20	20		
76/ 75			.7	1.7	.7	.7												37	32		
74/ 73		.1	2.4	1.7	.9	1.3	.1	.1										56	56	1	
72/ 71		1.4	3.0	1.4	1.9	.4	.7	.1										75	75	38	1
70/ 69	.2	1.4	2.2	1.8	1.4	.7	.2	.4										69	69	54	30
68/ 67	.2	2.2	1.5	1.7	.7	1.1	.8	.1										69	69	61	70
66/ 65		.9	1.7	1.8	1.3	.9	.9	.1										65	65	76	43
64/ 63	.4	2.5	1.1	1.1	1.2	1.1	.4	.4	.1									68	68	58	57
62/ 61		1.8	1.4	.3	2.0	.1	.2	.2										61	61	62	64
60/ 59		1.7	2.2	2.0	.9	.5	.4	.1										66	66	51	54
58/ 57		.9	1.9	1.9	1.4	.3	.6	.1										62	62	69	35
56/ 55	.1	1.7	.7	1.4	.8	.1	.4											44	44	67	54
54/ 53	.1	.9	.7	1.1	.6	.7	.2	.1										40	40	73	50
52/ 51		.1	.8	.9	.3	.4	.2											23	23	40	56
50/ 49		.1	.7	1.1	.4	.0												24	24	44	40
48/ 47		.4	1.2	.7	.3		.2	.1										27	27	30	45
46/ 45			.4	.4	.2	.1	.1											10	10	34	44
44/ 43		.1	.2	.4	.3	.1												11	11	23	33
42/ 41				.6	.2													7	7	23	23
40/ 39			.3	.1	.2													7	7	11	32
38/ 37			.2		.1													3	3	5	22
36/ 35				.1														1	1	16	17
34/ 33					.1													1	1	7	12
32/ 31																				3	16
30/ 29																				1	16
28/ 27																				1	8
26/ 25																					8
24/ 23																					2
22/ 21																					3
20/ 19																					2
18/ 17																					3
16/ 15																					2
14/ 13																					3

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-7 (YEARS) FEB (MONTH)

PAGE 2 0900-1100 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
107																					1
TOTAL	1.	116.	123.	323.	419.	9.	5.	4	1.9	.1								846	846	846	846

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4407437	59587	70.4	15.783	846							
Dry Bulb	3392787	53041	62.7	8.926	846			32.4	11.2	.2		84
Wet Bulb	2837368	48350	57.2	9.365	846		.9	15.1	.1			84
Dew Point	2445007	44319	52.4	12.079	846		6.4	10.0				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | KSC SHUTTLE APT FL STATION NAME | 73-77 YEARS | FEB MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87										.1								1	1		
86/ 85					.1													1	1		
84/ 83						.1		.4	.1									5	5		
82/ 81					.1	.7	1.1											16	16		
80/ 79				.5	1.4	1.1	.3											35	35		
78/ 77				1.2	2.0	1.9	.7		.1									46	46	1	
76/ 75			.5	1.8	3.0	2.0	.8	.5	.2	.4								75	75		
74/ 73			.9	2.9	2.1	2.6	.9	.3	.2	.1								80	80	15	1
72/ 71		.2	1.3	1.2	1.3	1.9	1.3	.9	.1									71	71	43	5
70/ 69			.8	.3	.9	2.4	2.2	1.2	.1	.1								68	68	58	24
68/ 67		.6	1.4	.6	1.4	1.3	1.3	.7	.1									63	63	78	41
66/ 65	.1	1.2	.8	1.2	1.3	.8	1.9	.4	.1									64	64	58	53
64/ 63		.9	.7	.6	1.4	.8	1.1	.7	.1									54	54	63	73
62/ 61	.1	.6	.3	.9	1.4	1.1	.7	1.3	.4									59	59	61	61
60/ 59	.1	.5	.7	1.7	1.9	.7	.6	.8										59	59	66	42
58/ 57	.1	.9	.5	.6	1.1	.5	.7	.1	.1									39	39	72	49
56/ 55		.4	.2	.3	.9	.6	.4	.4	.2									30	30	64	43
54/ 53		.4		.4	.5	.8	.2	.4										21	21	68	43
52/ 51				.8	1.3	.3		.2	.1									23	23	36	57
50/ 49		.4		.8	.1	.4	.2	.4										18	18	56	51
48/ 47					.4	.4												5	5	33	48
46/ 45			.2	.4														5	5	29	35
44/ 43			.1	.1	.2													4	4	22	38
42/ 41			.4		.1													3	3	14	32
40/ 39			.1															1	1	15	20
38/ 37																				11	22
36/ 35																				2	26
34/ 33																				1	23
32/ 31																					18
30/ 29																					9
28/ 27																					7
26/ 25																					4
24/ 23																					7
22/ 21																					4

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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 KSC SHUTTLE APT FL 70-7[illegible] FEB
STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19																					2
18/ 17																					2
16/ 15																					4
14/ 13																					2
TOTAL	.9	6.0	8.3	15.6	23.4	20.0	14.7	6.7	2.1	.7								846	846	846	846

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3295676	51136	60.4	15.559	846							
Dry Bulb	3836196	56492	66.8	8.697	846			45.8	25.7	4.2		84
Wet Bulb	2908719	49553	58.6	9.854	846			19.4	1.6			84
Dew Point	2399118	43896	51.9	11.991	846		5.9	7.0	.1			84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-72 — YEARS
FEB — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1									1	1		
84/ 83								.5	.1									5	5		
82/ 81							.4	.3										7	7		
80/ 79				.2	.4	.6	.7	.4	.1									20	20		
78/ 77				1.4	1.3	.4	.4	.5		.1								36	36		
76/ 75			.7	2.3	1.3	.9	.6	.6	.1	.1								60	60		
74/ 73		.2	2.0	3.4	1.3	.9	.2	.7	.4	.1	.1							82	82	4	
72/ 71		.5	1.9	2.1	2.2	.6	1.2	.7	.4		.1							84	84	34	2
70/ 69	.1	.2	1.7	.8	1.7	.8	1.3	.1	.1	.2								60	60	66	23
68/ 67		.7	1.1	.7	2.0	1.7	1.1	.4	.1	.1								66	66	77	47
66/ 65		.9	.3	.9	2.2	1.3	.9	.7	.1		.1							73	73	62	61
64/ 63		.7	.7	1.5	1.4	1.9	.9	.7	.2			.1						70	70	65	54
62/ 61	.1	.7	.6	1.1	.6	.9	.9	.4		.1								50	50	49	65
60/ 59		.3	.9	1.3	.6	1.1	.5	.5	.4									54	54	68	43
58/ 57		1.1	.8	.9	1.3	.6	1.1	.4										52	52	63	33
56/ 55		.8	1.1	.9	1.3	.2	.9	.1	.4									49	49	53	61
54/ 53		.4	.1	.6	.9	.4	.3	.4										27	27	75	48
52/ 51		.1		.1	.7	.5	.6	.5										21	21	40	63
50/ 49		.4	.1	.8	.4	.1												15	15	48	46
48/ 47		.1	.4	.2														5	5	30	51
46/ 45			.1	.6														6	6	31	30
44/ 43																				25	40
42/ 41			.1															1	1	16	27
40/ 39			.2															2	2	14	33
38/ 37																				4	21
36/ 35																				2	18
34/ 33																					15
32/ 31																					29
30/ 29																					8
28/ 27																					5
26/ 25																					8
24/ 23																					4
22/ 21																					2
20/ 19																					3

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12858 STATION | KSC SHUTTLE APT FL STATION NAME | 70-7, YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					1
16/ 15																					3
14/ 13																					2
TOTAL	.2	7.8	13.3	29.3	20.8	13.0	12.2	7.8	2.5	.8	.4	.1						846	846		846

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3550974	52976	62.6	16.629	846							
Dry Bulb	3733383	55769	65.9	8.216	846			41.8	21.0	2.4		84
Wet Bulb	2932222	49282	58.3	8.524	846			18.0	.4			84
Dew Point	2399650	43946	51.9	11.759	846		6.5	7.1				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1280 STATION | KSC SEATTLE APT FL STATION NAME | 70-7 YEARS | FEB 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
82/ 81								.1										1	1		
80/ 79							.1											1	1		
78/ 77						.4												3	3		
76/ 75			.1	.1	.1	.1												4	4		
74/ 73		.4	1.7	.5	.1	.2	.1											25	25		
72/ 71		2.2	2.9	.2	.2	.2												47	47	10	
70/ 69	.1	2.6	4.0	1.3	.2	.2		.2										74	74	43	26
68/ 67	.1	2.7	3.3	.9	.4	.2		.1										71	71	64	47
66/ 65	.1	3.2	2.6	2.7	.5	.5	.4											84	84	62	50
64/ 63		3.1	1.9	1.4	1.7		.4											68	68	63	64
62/ 61	.6	2.2	1.4	.9	1.1	.6												58	58	66	67
60/ 59		3.0	1.3	1.1	.6	.3				.1								61	61	63	45
58/ 57	.2	2.5	1.7	1.4	.7	.2	.1											58	58	59	56
56/ 55		2.7	2.9	.7	.6	.7	.1	.1										63	63	60	48
54/ 53	.1	3.2	.7	2.2	.2	.5	.1											60	60	68	54
52/ 51		.8	1.7	.6	.4	.6		.1										35	35	61	70
50/ 49		.6	1.1	1.4	.7	.1	.1											34	34	33	42
48/ 47		1.9	.8	1.1	.3	.4												39	39	46	33
46/ 45		.8	1.2	.4	.2	.4												25	25	39	41
44/ 43		.6	.7	.5														15	15	39	39
42/ 41			.6	.1	.1													7	7	28	31
40/ 39		.2																2	2	14	25
38/ 37		.4	.4															6	6	15	30
36/ 35		.4																3	3	5	14
34/ 33		.1	.1															2	2	6	20
32/ 31																				1	18
30/ 29																				1	8
28/ 27																					4
26/ 25																					2
24/ 23																					5
22/ 21																					4
20/ 19																					2
18/ 17																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 STATION | KSC SHUTTLE APT FL STATION NAME | 70-77 YEARS | FEB MONTH

PAGE 2 | 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
TOTAL	1.7	33.0	30.6	17.6	8.5	5.8	1.4	.7		.1								846	840	846	846

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5243053	65499	77.4	14.267	840							
Dry Bulb	3111754	50788	60.0	8.620	840			22.4	3.4	.2		84
Wet Bulb	2727348	47424	56.1	9.031	846		.2	11.6				84
Dew Point	2442339	44481	52.6	11.074	840		4.4	7.2				84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-75 — YEARS
FEB — MONTH

PAGE 1
2100-2200 — 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
76/ 75					.1													1	1		
74/ 73		.1	.4		.1													5	5		
72/ 71		2.8	1.4															39	39	4	
70/ 69	.1	2.1	2.0	.1														37	37	37	22
68/ 67	.1	3.8	3.2	.5		.1												65	65	39	39
66/ 65	.6	5.0	1.9	2.0	.7	.2												88	88	68	46
64/ 63		2.4	1.1	.9	.7	.1												41	41	57	61
62/ 61	.1	3.9	1.3	.8	.8													55	55	49	49
60/ 59	.7	4.0	2.0	1.8		.1												73	73	71	54
58/ 57	.2	3.8	.9	.5	.4													49	49	57	48
56/ 55	.1	3.8	1.2	1.2	.2	.1												56	56	68	54
54/ 53	.4	3.4	1.1	.8	.2	.1												51	51	51	47
52/ 51		2.7	.8	1.4	.1	.1												44	44	50	58
50/ 49		2.8	1.4	1.4	.2	.4												52	52	41	51
48/ 47	.1	3.0	.8	1.5	.5	.1												51	51	45	40
46/ 45		3.3	1.1	.8	.1	.2												47	47	49	37
44/ 43		1.5	.5	.4	.4													23	23	47	46
42/ 41		1.5	.3	.2														20	20	34	31
40/ 39		1.1	.2	.1														12	12	27	32
38/ 37		.2		.2														4	4	20	28
36/ 35		1.2	.2	.1														13	13	9	29
34/ 33		.9	.1															9	9	15	19
32/ 31		.7																6	6	8	16
30/ 29		.4																3	3	5	12
28/ 27		.2																2	2	4	13
26/ 25																				1	6
24/ 23																					2
22/ 21																					3
20/ 19																					2
18/ 17																					1
TOTAL	2.5	54.7	22.6	14.3	4.4	1.5												846	846	846	846

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.	5976854	70348	83.2	12.363	846							
Dry Bulb	2791810	47886	56.6	9.810	846		1.1	14.6	.6			84
Wet Bulb	2537680	45554	53.8	10.016	846		1.8	7.9				84
Dew Point	2343808	43448	51.4	11.381	846		5.5	6.1				84

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
0-7 — YEARS
FEB — MONTH

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
88/ 87										.0								1	1		
86/ 85					.0				.0									2	2		
84/ 83						.0		.1	.0									10	10		
82/ 81					.0	.1	.2	.1										24	24		
80/ 79				.1	.1	.3	.2	.0	.0									61	61		
78/ 77				.4	.0	.3	.1	.1	.0	.0								105	105	1	
76/ 75			.3	.3	.7	.5	.1	.1	.0	.1								172	172		
74/ 73		.1	.8	1.0	.6	.6	.2	.2	.1	.0	.0							248	248	20	1
72/ 71	.0	1.2	1.3	.6	.7	.4	.4	.2	.1		.0							347	347	128	9
70/ 69	.1	2.0	1.7	.9	.3	.5	.5	.2	.0	.0								419	419	308	155
68/ 67	.3	3.4	1.8	.7	.6	.6	.4	.2	.0	.0								539	539	459	355
66/ 65	.4	3.0	1.3	1.4	.8	.5	.3	.1	.0		.0							561	561	501	436
64/ 63	.3	2.3	1.0	.7	.3	.5	.3	.2	.1			.0						428	428	401	430
62/ 61	.4	2.7	1.0	.6	.9	.4	.2	.2	.0	.0								438	438	407	445
60/ 59	.3	3.0	1.2	1.0	.7	.4	.2	.2	.0	.0								476	476	500	382
58/ 57	.4	2.7	1.1	.9	.7	.2	.3	.1	.0									419	419	488	380
56/ 55	.2	3.1	1.2	.9	.5	.2	.2	.1	.1									434	434	453	406
54/ 53	.3	2.5	.8	.8	.4	.3	.1	.1										356	356	523	404
52/ 51	.1	1.8	.8	.5	.5	.3	.1	.1	.0									286	286	388	454
50/ 49	.2	1.8	.9	.9	.3	.2	.0	.0										294	294	349	358
48/ 47	.2	2.2	.9	.6	.3	.1	.0	.0										296	296	337	367
46/ 45	.1	1.4	.4	.5	.2	.1	.0											250	250	334	340
44/ 43	.0	1.3	.6	.4	.1	.0												165	165	296	314
42/ 41	.0	1.2	.6	.3	.1	.1												151	151	243	261
40/ 39	.1	.6	.4	.1	.1													82	82	188	273
38/ 37	.1	.4	.3	.1	.0													68	68	123	207
36/ 35	.0	.5	.1	.1														50	50	87	171
34/ 33	.1	.4	.0		.0													37	37	80	135
32/ 31	.0	.3	.0	.0														26	26	46	167
30/ 29	.0	.1																12	12	27	98
28/ 27	.0	.1																8	8	13	66
26/ 25		.0																1	1	6	49
24/ 23																					26
22/ 21																					21

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

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

USAFETAC

6251

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12861 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-73 — YEARS
FEB — MONTH

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
20/ 19																					19
18/ 17																					17
16/ 15																					11
14/ 13																					8
10/ 9																					1
TOTAL	3.4	38.6	19.4	14.4	10.3	6.6	4.2	2.4	.0	.2	.0	.0							6760		6766
																		6766		6766	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 92 F	Total
Rel. Hum.	41809907	519125	76.7	17.103	6766							
Dry Bulb	24669085	402345	59.5	10.433	6766		4.7	191.5	61.9	7.0		672
Wet Bulb	21237940	373160	55.2	9.857	6766		9.1	91.0	2.1			672
Dew Point	18829866	348230	51.5	11.591	6766		48.0	51.0	.1			672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12809 STATION | KSC SHUTTLE APT FL STATION NAME | 70-7, YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73		.9	.9	.1														17	17		
72/ 71		3.9	1.4	.4	.1													54	54	15	6
70/ 69	.0	8.2	4.4	.8	.1													135	135	69	50
68/ 67	.1	5.9	4.3	1.5	.4	.4												122	122	109	93
66/ 65	.1	5.3	3.2	1.4	1.3	.1												113	113	108	86
64/ 63	.2	4.2	2.4	1.4	.9	.1												85	85	106	101
62/ 61	.2	3.8	1.4	2.0	1.1	.1												80	80	71	78
60/ 59	.1	4.3	2.2	.6	.6	.1	.4											86	86	78	62
58/ 57		3.9	1.1	.1	.2													49	49	92	85
56/ 55	.1	2.1	1.0	1.2	.2													44	44	71	67
54/ 53		1.6	.5	.9	.1													29	29	37	45
52/ 51		1.9	1.1	.3	.1	.2												34	34	39	58
50/ 49	.1	1.8	1.0		.1	.1												31	31	41	39
48/ 47	.1	1.2	.8	.5	.2													28	28	40	32
46/ 45		.5	.4	.1	.1													11	11	21	31
44/ 43		.4																4	4	11	26
42/ 41		.2																2	2	17	20
40/ 39																				6	12
38/ 37																					5
36/ 35		.2																2	2		8
34/ 33		.4																4	4	3	7
32/ 31																				3	5
30/ 29																					7
28/ 27																					1
TOTAL	3.3	51.1	26.4	11.4	5.0	1.4	.4											930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6743886	78444	84.3	11.704	930							
Dry Bulb	3660074	57948	62.3	7.289	930			32.6	1.7			93
Wet Bulb	3346221	55319	59.5	7.743	930		.2	18.7				93
Dew Point	3138585	53365	57.4	9.069	930		1.2	14.9				93

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

6552

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12862 — STATION
KSC SHUTTLE APT FL — STATION NAME
60-74 — YEARS
MAR — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73	.1	.2	.3															6	6	2	1
72/ 71		2.0	.1															27	27	8	4
70/ 69	.3	7.1	3.3	.5														112	112	53	43
68/ 67	1.1	6.8	2.2	.4	.4													103	103	96	79
66/ 65	1.3	6.0	1.6	1.2	.4													100	100	97	91
64/ 63	.8	7.0	1.9	.6	.3													101	101	99	63
62/ 61	.1	5.4	1.4	1.0	.5													81	81	70	65
60/ 59	.8	4.8	1.9	1.3	.8		.1											86	86	86	76
58/ 57	.3	3.8	1.3	.9	.3	.1	.2											64	64	71	57
56/ 55	.5	3.7	.9	.4	.2													51	51	77	68
54/ 53	.1	3.7	1.1	.3	.2													57	57	66	67
52/ 51	.3	2.2	.8	.8														37	37	50	67
50/ 49	.1	2.3	.8	.2		.1												31	31	43	44
48/ 47	.1	2.3	.8	.3	.1	.1												33	33	37	38
46/ 45	.1	.6	.8	.6	.1													20	20	28	39
44/ 43		.3	.3	.3														9	9	9	17
42/ 41		.2	.1															3	3	14	12
40/ 39			.1															1	1	12	19
38/ 37		.1																1	1	3	9
36/ 35		.2																2	2	2	4
34/ 33		.1																1	1	2	4
32/ 31		.2																2	2	3	13
30/ 29																					5
28/ 27																					1
26/ 25																					1
22/ 21																					1
TOTAL	0.1	59.3	19.2	6.9	3.9	.3	.3											928	928	928	928

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	No. Obs.
Rel. Hum.	7167088	80876	87.2	11.315	928
Dry Bulb	3482414	56426	60.8	7.453	928
Wet Bulb	3238915	54335	58.6	7.880	923
Dew Point	3074930	52746	56.8	9.110	928

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.2	24.9	.9			93
Wet Bulb		.3	15.9	.2			93
Dew Point		2.1	12.7	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE ARPT FL — STATION NAME
80-82 — YEARS
MAR — MONTH

 0600-0600 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
76/ 75			.1															1	1		
74/ 73		1.2	.6	.3														21	21	1	
72/ 71	.1	3.1	1.4	.2	.1													46	48	19	12
70/ 69	.9	7.7	2.2	1.1	.4	.2	.1											116	116	98	50
68/ 67	1.0	7.4	2.5	.8	.3	.1												114	114	95	88
66/ 65	1.4	6.7	1.5	.6	1.1	.4												109	109	112	104
64/ 63	1.0	4.6	1.3	1.2	.4	.2												81	81	85	82
62/ 61	.3	3.8	1.9	1.1	.6	.1												73	73	76	66
60/ 59	.3	4.7	1.4	.5	.3													72	72	79	69
58/ 57	.3	3.6	1.1	.6	.4	.2												59	59	73	61
56/ 55	.1	4.4	.8	.6	.3													56	58	73	67
54/ 53	.5	2.6	1.0	.1	.6	.2												47	47	63	73
52/ 51	.2	2.2	.5	.2	.2													31	31	41	48
50/ 49	.4	1.2	.4	.6	.2													25	25	32	49
48/ 47	.2	1.8	.8	.3	.1													30	30	25	33
46/ 45	.4	.8	.3	.4	.1	.1												18	18	29	26
44/ 43		.9	.3	.4														17	17	27	18
42/ 41		.1	.1	.2														4	4	13	20
40/ 39		.2		.2														4	4	11	17
38/ 37	.1																	1	1	6	15
36/ 35		.1																1	1	4	10
34/ 33																				1	5
32/ 31																					4
30/ 29																					5
28/ 27																					3
26/ 25																					2
24/ 23																					1
TOTAL	7.5	57.0	18.2	9.8	5.7	1.6	.1												928		928
																		928		928	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7019379	79883	86.1	17.245	928							
Dry Bulb	3565033	57073	61.5	7.701	928			29.9	2.2			93
Wet Bulb	3294624	54778	59.0	8.124	928			18.3	.1			93
Dew Point	3112098	53018	57.1	9.468	928		1.5	15.0				93

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

6853

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 0-7 YEARS | MAR MONTH

 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
84/ 83						.1	.1											2	2		
82/ 81					.1	.4												7	7		
80/ 79				1.1	1.7	1.6	.3	.1			.1							46	46		
78/ 77			.2	2.7	4.4	1.4	.6	.1										89	89		
76/ 75		.1	2.1	4.4	2.9	1.4	1.0	.2	.3	.1	.1							123	123	1	
74/ 73		.2	3.9	3.2	1.4	2.6	1.6	.6	.1	.1								126	126	55	3
72/ 71	.1	1.3	2.9	1.9	3.0	3.7	1.5	.3	.5									138	138	95	22
70/ 69		.6	2.5	1.3	1.5	2.4	.6	.3	.2									87	87	119	86
68/ 67	.1	1.4	1.6	1.5	2.0	1.7	.6	.2	.1									88	88	89	105
66/ 65	.1	1.0	.9	2.0	1.3	1.0	.4	.3										61	61	100	93
64/ 63		.5	.6	1.0	1.2	1.3	.1	.3										47	47	82	79
62/ 61			.3	.6	1.0	.6	.2	.1	.1									29	29	96	66
60/ 59		.1	.2	.5	.1	.9	1.0		.1									23	23	82	50
58/ 57		.3		.4	.5	.3	.4	.1	.1									21	21	48	58
56/ 55		.3	.1	.3	.3	.3	.2											15	15	46	74
54/ 53		.1	.1	.2	.3	.2	.1	.1										15	15	29	65
52/ 51		.1		.1	.1	.1	.1											5	5	19	39
50/ 49				.2		.1	.1											4	4	21	35
48/ 47					.2													2	2	16	38
46/ 45					.1													1	1	16	18
44/ 43				.1														1	1	7	20
42/ 41																				2	14
40/ 39																				5	14
38/ 37																				2	10
36/ 35																					10
34/ 33																					10
32/ 31																					3
30/ 29																					7
28/ 27																					5
24/ 23																					3
20/ 19																					1
TOTAL	.3	6.2	15.6	21.4	22.7	19.5	9.4	2.3	1.6	.2	.2								930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4320746	61978	66.6	14.314	930							
Dry Bulb	4627011	65309	70.2	6.619	930			70.6	39.3	3.0		93
Wet Bulb	3752107	58677	63.1	7.334	930			35.9	3.6			93
Dew Point	3231541	54033	58.1	9.964	930		1.9	21.8	.3			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12863 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-7 — 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
90/ 89											.1	.1						2	2		
88/ 87								.1	.3	.2								6	6		
86/ 85							.2	.2	1.0	.5	.1							19	19		
84/ 83					.1	.3	.8	1.0	.3	.2	.1							25	25		
82/ 81				.2	1.0	1.0	.9	.9	.5	.1								56	56		
80/ 79				1.4	4.0	3.9	1.3	.5	.9	.4								115	115		
78/ 77			.1	3.0	5.4	2.3	2.9	1.2	.4	.2	.1							145	145		
76/ 75			.4	1.7	2.0	2.4	2.3	1.4	.5	.3	.2	.1	.1					111	111	3	
74/ 73		.1	.8	1.5	1.4	2.8	1.9	1.5	.4	.4								99	99	55	
72/ 71		.2	.5	1.3	1.7	1.4	2.2	.2	.2									73	73	112	15
70/ 69		.8	.9	.5	1.2	2.7	1.9	.6	.4	.1								85	85	127	75
68/ 67		.5	.3	1.1	1.2	1.1	.9	.8	.5	.1								60	60	102	89
66/ 65		.4	.3	.3	.8	.9	.1	.3	.1	.2								32	32	94	97
64/ 63		.1			.6	1.4	.4	.2	.1	.1	.1							32	32	97	80
62/ 61		.8		.2	.2	.0	.9	.3		.1								29	29	84	62
60/ 59				.3	.1	.5	.5	.4										18	18	81	70
58/ 57				.2		.2	.1	.1	.1									7	7	31	74
56/ 55			.2		.3		.2	.2	.1									10	10	43	65
54/ 53						.4	.1											5	5	27	57
52/ 51						.1												1	1	21	50
50/ 49																				24	40
48/ 47																				9	36
46/ 45																				8	13
44/ 43																				7	19
42/ 41																				5	22
40/ 39																					14
38/ 37																					17
36/ 35																					4
34/ 33																					6
32/ 31																					11
30/ 29																					3
28/ 27																					5
26/ 25																					2
24/ 23																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12862 STATION | KSC SHUTTLE APT FL STATION NAME | [illegible] YEARS | MAR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
22/ 21																						2
20/ 19																						1
TOTAL		2.9	3.7	11.4	21.9	22.4	17.4	10.2	6.0	.1	.0	.2	.1						930		930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3362271	54389	58.5	13.976	930							
Dry Bulb	3074391	68443	73.6	6.676	930			79.6	57.8	16.2		93
Wet Bulb	3852151	59499	64.0	7.003	930			39.9	5.0			93
Dew Point	3164114	53458	57.5	9.911	930		2.5	17.9				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12864 — STATION
KSC SHUTTLE ABT FL — STATION NAME
70-7, — YEARS
MAR — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89										.1	.1							2	2		
88/ 87								.2	.3	.1	.2							8	8		
86/ 85									.5	.2	.2	.2						11	11		
84/ 83							.2		.2				.1					16	16		
82/ 81					.2	.3	.2	.4	.3	.4								27	27		
80/ 79				1.2	1.2	1.7	.5	.3	.4	.0								68	68		
78/ 77			.8	3.8	4.2	1.4	.8	.5	.1	.1								114	114		
76/ 75			1.3	4.7	2.1	1.4	1.3	.3	.5	.2		.2						124	124		
74/ 73		.2	2.4	3.2	2.0	3.2	2.9	.3	.3	.2	.1							139	139	40	
72/ 71		.3	1.3	1.4	2.5	2.2	1.7	.4			.1							94	94	57	21
70/ 69		.5	1.2	1.3	1.7	2.4	1.3	.4	.3	.1	.1							87	87	135	71
68/ 67	.1	.6	.3	2.3	.9	1.7	1.0	.3	.0									79	79	111	104
66/ 65		.6	.3	.6	1.2	1.2	.4	.4	.1		.1							49	49	76	89
64/ 63		1.0	.1	.3	.0	1.4	.2	.3		.2								40	40	123	73
62/ 61		.1		.2	.6	.3	.3											15	15	94	73
60/ 59	.1	.2		.1	.9	1.2	.0			.3								32	32	68	71
58/ 57				.1	.3	.4	.2	.1	.5									16	16	44	70
56/ 55				.1	.1													2	2	38	66
54/ 53			.1		.1	.3												5	5	32	53
52/ 51			.1															1	1	25	51
50/ 49																				21	39
48/ 47																				10	33
46/ 45																				5	24
44/ 43																				1	18
42/ 41																				3	14
40/ 39																					15
38/ 37																					14
36/ 35																					9
34/ 33																					9
26/ 25																					2
24/ 23																					3
22/ 21																					4
20/ 19																					2
18/ 17																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12858 STATION | KSC SHUTTLE APT FL STATION NAME | 70-74 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.2	3.7	9.0	19.6	20.3	19.2	12.3	5.3	5.4	.1	1.0	.4	.1					929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3788054	57600	62.0	15.2	929							
Dry Bulb	4895467	67179	72.3	6.360	929			77.0	51.0	9.1		93
Wet Bulb	3812295	59181	63.7	6.746	929			38.3	4.0			93
Dew Point	3193571	53711	57.8	9.750	929		1.2	19.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 70-74 YEARS | MAR MONTH

PAGE 1 | 1800-2400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.2									2	2		
84/ 83							.1			.1								2	2		
82/ 81							.2	.3										5	5		
80/ 79						.1	.1		.1	.1								4	4		
78/ 77				.2	.3	.4	.5	.1										21	21		
76/ 75			.1	.9	.2	.5	.1	.2		.1								29	29		
74/ 73		.1	.5	.7	.5	.5				.1								88	88		
72/ 71		.9	.1	.5	.5	.5	.2	.1	.1	.1								148	148	45	9
70/ 69	.1	.8	.2	.1	.1	.9	.3											134	134	136	78
68/ 67	.1	.4	.4	.1	.9	.6	.3			.1								111	111	108	107
66/ 65	.1	.1	.4	.9	.5	.0		.1										103	103	114	80
64/ 63		.4	.3	.2	.4	.6	.2	.2										84	84	122	109
62/ 61		.9	.1	.3	.6	.1	.4		.1									43	43	66	88
60/ 59		.1	.9	.9	.3	.6	.1	.1										48	48	85	69
58/ 57		.0	.4	.8	.6	.2	.1		.1									30	30	61	64
56/ 55		.6	.9	.8	.5	.1	.1	.2										30	30	53	73
54/ 53		.1	.3	.6		.1												11	11	30	51
52/ 51			.6	.3	.3	.3	.1											16	16	29	34
50/ 49		.1	.3			.3												7	7	29	23
48/ 47		.1	.1	.1		.1												4	4	18	36
46/ 45		.1	.2															3	3	9	23
44/ 43					.1													1	1	5	18
42/ 41				.1														1	1	12	19
40/ 39																					9
38/ 37																				2	9
36/ 35																				1	6
34/ 33																					2
32/ 31																					3
30/ 29																					8
28/ 27																					1
26/ 25																					3
24/ 23																					1
22/ 21																					1
20/ 19																					1

Element (X)	Σ_X'	Σ_X	$\bar{X}$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 STATION | KSC SHUTTLE APT FL STATION NAME | (0-7) YEARS | MAR MONTH

PAGE 2 | 1800-2400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	21.3	22.3	20.4	11.9	7.2	3.0	1.0	.0	.0								925	925	925	925

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5461388	69810	75.5	14.445	925							
Dry Bulb	4101004	61900	66.9	6.474	925			54.7	15.2	1.3		93
Wet Bulb	3607031	57355	62.0	7.034	925			29.1				93
Dew Point	3242328	54094	58.5	9.241	925		1.8	19.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-7[illegible] — YEARS
MAR — MONTH

PAGE 1 — 2100-2400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77					.2													2	2		
76/ 75				.4	.1													5	5		
74/ 73		.4	1.3	.5	.2													29	29		
72/ 71		6.9	3.7	.9	.1			.1										108	108	20	6
70/ 69	.4	7.6	3.6	1.8	.6	.1	.1											151	151	113	76
68/ 67	.1	5.3	4.9	1.6	.9	.1												121	121	105	102
66/ 65	.2	4.3	3.8	2.8	1.2	.5	.1											120	120	122	87
64/ 63	.4	4.3	1.9	1.5	1.4	.3												86	86	104	113
62/ 61	.1	2.5	1.5	1.8	1.1													65	65	78	77
60/ 59	.1	2.0	1.4	.6	.3	.2												48	48	76	64
58/ 57		2.0	.9	.3	1.0		.2											46	46	63	64
56/ 55		2.0	.1	1.3	.4	.3												44	44	65	57
54/ 53		1.3	1.1	.3		.3	.1											29	29	38	61
52/ 51		1.0	.4	.5	.2													20	20	27	45
50/ 49	.1	.6	.5	.1	.3	.1												17	17	44	29
48/ 47		.9	.4	.2														14	14	17	34
46/ 45		.5	.2	.2	.3													12	12	19	28
44/ 43		.3	.3															6	6	15	19
42/ 41																				10	21
40/ 39																				4	11
38/ 37		.1	.2															3	3	3	7
36/ 35		.1																1	1	1	5
34/ 33																				3	10
32/ 31																					4
30/ 29																					3
28/ 27																					1
26/ 25																					2
24/ 23																					1
TOTAL	1.5	43.0	28.5	15.7	8.5	2.0	.5	.1										927	927	927	927

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6386252	76106	82.1	12.208	927							
Dry Bulb	3843886	59338	64.0	7.018	927			41.7	3.6			93
Wet Bulb	3467651	56259	60.7	7.589	927			23.9				93
Dew Point	3223066	54004	58.3	9.117	927		1.1	18.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (YEARS) MAP (MONTH)

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
90/ 89										.0	.0	.0						4	4		
88/ 87								.0	.1	.0	.0							14	14		
86/ 85							.0	.0	.2	.1	.0	.0						32	32		
84/ 83						.0	.1	.2	.1	.0	.0		.0					45	45		
82/ 81				.0	.3	.3	.2	.2	.1	.1								95	95		
80/ 79				.5	.3	.9	.3	.1	.2	.1	.0		.0					233	233		
78/ 77			.1	1.2	2.0	.7	.6	.3	.1	.0	.0							371	371		
76/ 75		.0	.8	1.5	1.1	.7	.6	.3	.2	.1	.0	.0	.0					393	393	4	
74/ 73	.3	.5	2.0	1.3	.7	1.1	.8	.3	.1	.1	.0							525	525	133	4
72/ 71	.3	2.8	2.3	1.3	1.1	1.0	.7	.1	.1	.0	.0							688	688	411	95
70/ 69	.4	4.6	3.2	1.3	.8	1.1	.6	.2	.1	.0	.0							907	907	839	231
68/ 67	.4	3.8	2.6	1.4	1.0	.7	.4	.2	.2	.0								798	798	810	767
66/ 65	.3	3.4	1.7	1.5	1.1	.6	.1	.1	.0	.0	.0							687	687	823	727
64/ 63	.3	3.0	1.2	1.0	.9	.7	.1	.2	.0	.0	.0							556	556	818	720
62/ 61	.2	2.1	.9	1.1	.6	.2	.2	.1	.0	.0								415	415	639	595
60/ 59	.3	2.2	1.1	.6	.5	.4	.4	.1	.0	.0								413	413	631	531
58/ 57	.1	1.8	.6	.5	.4	.2	.2	.0	.1									292	292	483	533
56/ 55	.1	1.7	.5	.6	.3	.1	.1	.1	.0									254	254	466	537
54/ 53	.2	1.2	.5	.3	.2	.2	.0	.0										198	198	322	472
52/ 51	.1	.9	.4	.3	.1	.1	.0											145	145	250	392
50/ 49	.1	.8	.4	.1	.1	.1	.0											115	115	235	298
48/ 47	.1	.8	.3	.2	.1	.0												111	111	172	280
46/ 45	.0	.3	.2	.2	.1	.0												65	65	134	202
44/ 43		.2	.1	.1	.0													38	38	88	155
42/ 41		.1	.0	.0														10	10	76	148
40/ 39		.0	.0	.0														5	5	38	111
38/ 37	.0	.0	.0															5	5	16	86
36/ 35		.1																6	6	8	56
34/ 33		.1																5	5	9	53
32/ 31		.0																2	2	6	43
30/ 29																					38
28/ 27																					17
26/ 25																					12
24/ 23																					10

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12858 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-73 — YEARS
MAR — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					d
20/ 19																					5
18/ 17																					1
TOTAL	2.7	30.6	19.1	14.9	12.0	9.2	5.4	2.9	1.7	.9	.4	.1	.0					7427	7427		7427
																		7427		7427	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	44245064	559086	75.3	17.049	7427							
Dry Bulb	33333328	493616	66.5	8.420	7427		.2	411.2	171.5	29.7		744
Wet Bulb	28365995	455403	61.3	7.715	7427		.0	220.1	13.7			744
Dew Point	25380239	428429	57.7	9.471	7427		13.4	139.9	.4			744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12860 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-73 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75		.3	1.1	.3														16	16		
74/ 73		3.7	5.0	1.2		.1												95	95	5	2
72/ 71		6.0	4.3	2.0	1.0	.4												140	140	74	26
70/ 69	.3	5.2	5.2	2.0	3.4	.4												154	154	127	109
68/ 67	.2	4.4	4.2	2.3	1.2	1.2												123	123	79	98
66/ 65	.1	3.7	2.9	1.7	1.9	.2	.1											87	87	114	73
64/ 63	.2	3.2	.9	1.0	.8	.2	.1											58	58	118	100
62/ 61	.2	1.7	1.4	1.0	.3													42	42	89	81
60/ 59	.1	2.7	1.4	.8	.4		.2											49	49	66	66
58/ 57		1.7	1.0	.4	.2	.1	.1											32	32	56	77
56/ 55		1.7	.8	.3	.3													28	28	47	59
54/ 53		1.1	.2	.2	.1													15	15	25	42
52/ 51		1.2	.2	.1														14	14	23	41
50/ 49		1.8	.1	.1														18	18	20	35
48/ 47		1.0																9	9	30	28
46/ 45		.7	.2															8	8	7	19
44/ 43		.6																5	5	9	14
42/ 41		.2																2	2	5	9
40/ 39		.3																3	3	3	10
38/ 37		.1																1	1	2	7
36/ 35																					3
TOTAL	1.1	41.8	30.1	13.9	9.7	2.8	.6												899		899
																		899		899	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6177923	73827	82.1	11.324	899							
Dry Bulb	3936464	59148	65.8	7.074	899			52.9	11.1			90
Wet Bulb	3539494	56046	62.3	7.113	899			28.5	.5			90
Dew Point	3296632	53960	60.0	8.025	899			23.5	.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 STATION | KSC SHUTTLE ARY FL STATION NAME | (0-7) YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75			.2															2	2		
74/ 73		1.9	2.0	.6	.1													41	41	2	
72/ 71	.3	7.8	3.4	1.7	.9	.3												129	129	45	18
70/ 69	.6	8.3	4.0	1.1	2.4	.1												149	149	113	99
68/ 67	.3	5.8	3.8	2.0	1.4	1.0	.1											133	133	101	95
66/ 65	.8	5.6	1.8	1.0	.8	.3												90	90	110	82
64/ 63	1.1	4.9	.9	.3	.3													68	68	108	112
62/ 61	.4	3.6	1.4	.6		.3												57	57	90	78
60/ 59	.1	1.9	.3	1.0	.1	.1												32	32	65	61
58/ 57	.2	3.3	1.8			.2												50	50	54	61
56/ 55	.1	3.0	.7	.2	.2	.1												39	39	50	65
54/ 53	.2	2.4	.9	.4	.2													35	35	45	50
52/ 51	.1	1.6	.2	.6														22	22	32	55
50/ 49		1.1	.2															12	12	17	30
48/ 47		1.7																15	15	26	21
46/ 45		1.0	.1															10	10	18	17
44/ 43		.9																5	5	10	17
42/ 41		.7																6	6	8	14
40/ 39																				1	13
38/ 37		.4																4	4		4
36/ 35		.1																1	1	4	4
34/ 33																				1	4
TOTAL	4.1	55.3	21.3	9.4	6.6	3.1	.1											900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6671822	76794	85.3	11.517	900							
Dry Bulb	3763534	57814	64.2	7.435	900			45.4	4.3			90
Wet Bulb	3448563	55313	61.5	7.389	900			26.1	.2			90
Dew Point	3254880	53622	59.6	8.175	900			21.2				90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-79 — YEARS
APR — MONTH

0000-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77			.0	.9	.6	.1	.1											20	20		
76/ 75		.0	3.0	1.6	.8	.4	.2	.1										60	60		
74/ 73		2.1	4.1	1.6	.7	1.0	.9											93	93	26	3
72/ 71	.1	6.9	4.0	1.1	2.0	1.0	.3	.1										140	140	70	39
70/ 69	.4	5.4	4.0	1.9	1.8	1.0	.2	.1										134	134	128	113
68/ 67	.2	4.4	3.1	1.3	.6	1.4	.1	.1										104	104	101	91
66/ 65	.2	3.9	1.3	1.7	.0	.8	.3											81	81	112	90
64/ 63	1.1	2.9	.6	1.4	.6	.1												60	60	107	108
62/ 61	.2	3.1	1.2	.7	.3	.1												52	52	75	63
60/ 59	.1	2.0	.2	.9	.3	.1												38	38	77	68
58/ 57	.2	1.4	.4	.1	.2		.1											23	23	57	65
56/ 55	.2	2.2	.3	.1	.2	.2												35	35	38	70
54/ 53	.1	1.2	.1	.3														16	16	36	49
52/ 51		.6	.1	.4	.2													12	12	20	40
50/ 49		.9	.1	.1	.1													11	11	14	27
48/ 47		.8																7	7	14	19
46/ 45		.9																8	8	11	19
44/ 43																				8	15
42/ 41		.2																2	2	1	7
40/ 39		.1																1	1	1	4
38/ 37	.1	.1																2	2	2	2
36/ 35																				1	4
34/ 33		.1																1	1	1	3
32/ 31																					1
TOTAL	3.1	40.4	24.3	14.1	9.1	6.1	2.3	.4										900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6144474	73384	81.5	13.378	900							
Dry Bulb	4054353	60065	66.7	7.128	900			55.1	17.3			90
Wet Bulb	3619530	56736	63.0	6.907	900			32.5	2.6			90
Dew Point	3361696	54540	60.6	7.882	900		.1	24.6	.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-72 — YEARS
APR — MONTH

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
88/ 87							.1											1	1		
86/ 85						.1	.1	.2		.1								5	5		
84/ 83					.4	1.3	.7	.4	.1									29	29		
82/ 81				.1	1.7	2.3	1.4	.2	.1		.1							54	54		
80/ 79			.1	2.7	4.3	4.3	1.3	.8	.4	.3								129	129		
78/ 77			.8	4.1	5.4	3.3	3.2	1.1	.2	.1	.1							164	164		
76/ 75		.2	1.2	2.2	3.4	4.6	2.3	2.0	.6	.1								148	148	13	
74/ 73		.4	1.0	2.9	2.1	3.0	2.1	1.4	.4	.3		.2						125	125	86	7
72/ 71		.6	1.7	.9	1.8	2.9	1.3	1.1	.4	.3	.1							100	100	125	45
70/ 69		.8	1.1	1.1	1.3	1.2	.8	1.0	.3									66	66	120	96
68/ 67		.4	.4	.7	.2	1.0	.7	.2										33	33	139	89
66/ 65		.1		.2	.4	.3	.6	.3										16	16	107	115
64/ 63		.2	.1	.1	.4	.4	.2		.1									15	15	37	91
62/ 61			.2	.1	.1	.1		.1										8	8	85	77
60/ 59				.1	.4			.1										6	6	39	72
58/ 57				.1	.2													3	3	39	61
56/ 55																				25	54
54/ 53					.1													1	1	17	47
52/ 51																				11	39
50/ 49				.1														1	1	3	24
48/ 47																				1	22
46/ 45																				2	20
44/ 43																				1	21
42/ 41																					5
40/ 39																					4
38/ 37																					4
36/ 35																					2
34/ 33																					2
32/ 31																					1
30/ 29																					2
TOTAL		2.8	6.7	15.3	21.3	25.2	14.9	9.1	2.8	1.3	.3	.2						900	900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3641509	56021	62.2	13.107	900							
Dry Bulb	5068929	67397	74.9	4.932	900			85.0	65.1	14.5		90
Wet Bulb	3959923	59483	66.1	5.636	900			48.3	9.9			90
Dew Point	3363572	54544	60.6	6.030	900		.3	23.7	.7			90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-74 (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
94/ 93											.1							1	1		
92/ 91										.3								3	3		
90/ 89									.1	.1	.1							3	3		
88/ 87							.2	.0	.3	.7	.2	.1						19	19		
86/ 85						1.0	1.1	1.0	1.1	.2		.2						42	42		
84/ 83					.4	2.2	2.3	1.3	.7	.1	.1							65	65		
82/ 81				.3	3.4	3.2	4.0	1.2	.8	.3	.1	.1						122	122		
80/ 79				1.0	3.1	4.8	3.3	3.0	.7	.4	.1	.3						156	156		
78/ 77		.1	.4	.3	3.2	1.9	4.1	2.4	.7	.0	.2							124	124	1	
76/ 75			.2	1.7	1.4	2.0	2.6	2.1	.9	.6								108	108	29	
74/ 73	.1	.2	.4	1.8	.3	1.1	2.6	2.0	.4	.0	.1							91	91	112	8
72/ 71		.7	.9	1.3	1.3	.9	2.1	1.4	.3	.1								86	86	98	49
70/ 69		.3	.1	.3	.1	.9	.8	.4	.3	.1								31	31	154	70
68/ 67		.1	.1	.2	.2	.4	.2	.3			.2							17	17	106	89
66/ 65		.3		.1	.7	.2	.2	.2	.2	.1								19	19	115	103
64/ 63	.4					.1	.4			.1								8	8	92	105
62/ 61						.2	.1											3	3	52	74
60/ 59							.1											1	1	58	77
58/ 57						.1												1	1	39	60
56/ 55																				16	54
54/ 53																				16	46
52/ 51																				3	37
50/ 49																				6	33
48/ 47																				2	20
46/ 45																					18
44/ 43																					19
42/ 41																					10
40/ 39																					7
38/ 37																					2
36/ 35																					4
34/ 33																					1
32/ 31																					1
30/ 29																					1
28/ 27																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 STATION | KSC SHUTTLE APT FL STATION NAME | 70-7? YEARS | APR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	1.8	2.2	7.7	14.8	19.7	24.2	15.9	7.0	.3	1.3	.8						900	900	900	.00

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3047014	51030	56.7	13.072	900							
Dry Bulb	5410064	69618	77.4	5.261	900			80.8	73.4	32.7	.1	90
Wet Bulb	4028969	60007	66.7	5.584	900			50.1	14.2			90
Dew Point	3321713	54183	60.2	8.150	900		.4	21.6	.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12809 — STATION
KSC SHUTTLE APT FL — STATION NAME
0-7) — YEARS
APR — 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
94/ 93												.2						2	2		
92/ 91											.2	.1						3	3		
90/ 89									.1	.2	.2	.2	.1					8	8		
88/ 87							.1		.3	.4	.2							10	10		
86/ 85						.1	.1	.4	.9	.6	.4	.2						25	25		
84/ 83					.4	1.3	.6	.4	.7	.9	.2							40	40		
82/ 81				.6	2.0	1.6	1.9	.9	.3		.1							73	73		
80/ 79				3.8	3.3	2.0	2.0	1.2	1.0			.1	.2					120	120		
78/ 77			.9	3.3	4.4	3.2	2.4	1.3	.7	.3	.1	.1						151	151	1	
76/ 75		.1	.7	2.2	3.2	3.2	2.8	1.7	.7	.1	.2	.1						135	135	14	
74/ 73		.4	.8	1.9	1.9	3.4	3.3	1.1	.4	.1								121	121	112	10
72/ 71	.3	.1	1.2	1.0	1.3	1.0	1.7	1.2	.2	.4								84	84	91	69
70/ 69	.1	1.0	.3	.7	.3	1.1	.9	1.0	.2	.1	.1	.1						63	63	140	76
68/ 67		.3	.1	.2	.3	1.3	.2	.1	.2	.1								33	33	124	69
66/ 65		.3	.1	.3	.3	.3	.3	.2	.2									20	20	112	92
64/ 63				.3		.3												6	6	102	86
62/ 61				.1		.1	.1	.1										4	4	59	93
60/ 59							.1											1	1	62	79
58/ 57																				34	62
56/ 55																				24	67
54/ 53																				12	47
52/ 51																				5	47
50/ 49																				5	29
48/ 47																				2	19
46/ 45																					20
44/ 43																					5
42/ 41																					7
40/ 39																					2
38/ 37																					0
36/ 35																					8
34/ 33																					5
26/ 25																					1
TOTAL	.4	2.3	4.4	15.0	18.4	19.9	17.2	9.8	6.0	3.0	1.9	1.2	.3					899	899		899
																		899		899	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3390642	53672	59.7	14.404	899							
Dry Bulb	5239034	68424	76.1	5.191	899			86.9	58.9	22.0	.2	90
Wet Bulb	3987400	59670	66.4	5.471	899			48.3	12.7			90
Dew Point	3336185	54271	50.4	8.170	899		.1	22.4	1.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 70-7 YEARS | APR 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
88/ 87									.2		.1							3	3		
86/ 85							.1			.1								2	2		
84/ 83							.1	.1	.2									4	4		
82/ 81					.1	.3	.6		.1	.1								11	11		
80/ 79		.1		.6	.6	.6		.1	.2									21	21		
78/ 77			2.4	1.2	.3	.6	.2	.2										52	52	1	1
76/ 75		1.1	6.1	3.3	1.1	1.0	.7	.1	.1		.1							123	123	1	1
74/ 73		2.3	5.7	4.0	2.3	1.8	.4	.1										155	155	64	10
72/ 71	.3	1.8	5.3	4.0	5.0	1.7	.6											169	169	107	70
70/ 69		2.1	3.9	2.0	3.1	2.1	.4	.1	.1	.1								129	129	112	97
68/ 67		.4	2.1	2.1	1.4	1.7	.6	.1			.1							75	75	122	88
66/ 65		.7	1.1	.9	1.3	.7	.3	.2										49	49	123	89
64/ 63		.7	.7	1.4	1.1	.7	.2	.1										44	44	103	83
62/ 61		.1	.7	.7	.4	.4		.1										26	26	73	90
60/ 59		.4	.1	.4	.1	.2												12	12	61	78
58/ 57		.1	.3	.1	.1	.2	.1											9	9	49	65
56/ 55		.2		.2		.1												5	5	34	49
54/ 53		.2	.1	.1	.1													5	5	17	54
52/ 51			.1															1	1	14	38
50/ 49			.2															2	2	6	26
48/ 47		.1																1	1	5	16
46/ 45																				6	13
44/ 43																					10
42/ 41																					6
40/ 39																					6
38/ 37																					5
34/ 33																					1
32/ 31																					1
28/ 27																					1
TOTAL	.3	10.3	29.3	21.9	18.0	12.2	4.7	1.3	1.0	.3	.3							898	898	898	698

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4874597	65063	72.5	13.379	898							
Dry Bulb	4540744	63676	70.9	5.338	898			74.6	37.2	2.9		90
Wet Bulb	3831242	58416	65.1	6.899	898			40.8	6.6			90
Dew Point	3421756	54990	61.2	7.786	898		.2	20.8	1.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12863 — STATION
KSC SHUTTLE APT FL — STATION NAME
80-79 — YEARS
APR — MONTH

2100-2500 — 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
80/ 79					.1			.1										2	2		
78/ 77			.3	.4	.4	.1												13	13		
76/ 75		1.2	2.0	1.2	.8													52	52		
74/ 73		4.7	7.4	2.8	.7	.3												141	141	26	5
72/ 71	.1	4.0	4.2	4.0	2.3	.4	.1		.1	.1								144	144	99	60
70/ 69	.1	3.8	4.3	4.1	2.8	1.0												154	154	111	99
68/ 67		3.2	3.3	2.1	2.3	1.1		.1										110	110	104	88
66/ 65	.1	2.3	1.3	1.7	1.3	.7		.1										74	74	112	74
64/ 63	.1	1.7	1.4	.7	.4	.6												47	47	113	114
62/ 61		1.4	1.1	.3	1.0	.1												38	38	79	70
60/ 59		2.4	.8	.7	.1													36	36	68	72
58/ 57		.3	.4	.4		.2												15	15	61	75
56/ 55		.7	.8	.2	.4	.1												20	20	31	52
54/ 53		.4	.3		.1													11	11	25	42
52/ 51		1.0	.7		.2													17	17	20	40
50/ 49		.2	.3	.2														7	7	13	30
48/ 47		.4	.2															6	6	15	22
46/ 45		.4	.1															5	5	3	15
44/ 43		.2	.1															3	3	9	9
42/ 41		.6																5	5	4	9
40/ 39																				4	10
38/ 37																					11
36/ 35																					3
TOTAL		429	330	218	114	54	1	2	1	1									900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 8 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5745233	71101	79.0	11.940	900							
Dry Bulb	4150137	60817	67.6	8.709	900			61.6	20.4	.1		90
Wet Bulb	3659049	57051	63.4	8.883	900			33.9	2.6			90
Dew Point	3366137	54559	60.6	8.081	900			25.2	.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12 HOR — STATION
KSC SHUTTLE APT FL — STATION NAME
70-79 — YEARS
APR — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93											.0	.0						3	3		
92/ 91										.0	.0	.0						6	6		
90/ 89									.0	.0	.0	.0	.0					11	11		
88/ 87							.1	.1	.1	.1	.1	.0						33	33		
86/ 85						.2	.2	.2	.3	.1	.1	.1						74	74		
84/ 83					.1	.8	.3	.3	.2	.1	.0							134	134		
82/ 81				.1	1.0	.9	1.0	.3	.2	.1	.0	.0						260	260		
80/ 79		.0	.0	1.1	1.4	1.5	.8	.7	.3	.1	.0	.1	.0					428	428		
78/ 77		.0	.7	1.3	1.9	1.2	1.3	.6	.2	.1	.1	.0						524	524	3	1
76/ 75		.4	1.9	1.9	1.4	1.5	1.1	.8	.3	.1	.0	.0						644	644	57	1
74/ 73	.0	2.0	3.4	2.1	1.1	1.3	1.2	.9	.2	.1	.0	.0						862	862	433	45
72/ 71	.2	3.5	3.2	2.1	2.2	1.1	.8	.5	.2	.1	.0							992	992	708	276
70/ 69	.2	3.4	3.0	1.7	1.9	1.2	.4	.3	.1	.0	.0	.0						880	880	1006	759
68/ 67	.1	2.4	2.2	1.4	1.0	1.2	.3	.1	.0	.0	.0							628	628	876	707
66/ 65	.1	2.1	1.2	.9	.8	.4	.2	.1	.1	.0								436	436	905	718
64/ 63	.3	1.7	.6	.7	.5	.3	.1	.0	.0	.0								306	306	830	799
62/ 61	.1	1.2	.8	.5	.3	.2	.0	.0										230	230	602	620
60/ 59	.0	1.3	.4	.5	.2	.1	.1	.0										175	175	476	573
58/ 57	.1	.9	.5	.2	.1	.1	.0											133	133	388	526
56/ 55	.0	1.0	.4	.1	.2	.1												127	127	265	480
54/ 53	.0	.7	.2	.1	.1													83	83	193	377
52/ 51	.0	.5	.2	.1	.1													66	66	128	337
50/ 49		.5	.1	.1	.0													51	51	84	234
48/ 47		.5	.0															38	38	95	167
46/ 45		.4	.1															31	31	52	141
44/ 43		.2	.0															13	13	37	110
42/ 41		.2																15	15	18	67
40/ 39		.1																4	4	9	56
38/ 37	.0	.1																7	7	4	41
36/ 35		.0																1	1	5	26
34/ 33		.0																1	1	2	16
32/ 31																					4
30/ 29																					3
28/ 27																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 KSC SHUTTLE APT FL (0-7) APR
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					1
TOTAL	1.	423.	1118.	1614.	1514.	911.	608	404	202	101	50	30	00					7196		7196	
																	7196		7196		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39693214	520892	72.4	10.621	7196							
Dry Bulb	36156259	506959	70.5	7.828	7196			548.2	298.1	72.2	.3	720
Wet Bulb	30074170	462722	64.3	6.668	7196			308.5	49.3			720
Dew Point	26722571	434675	60.4	8.048	7196		1.1	189.0	4.7			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 STATION | KSC SHUTTLE APT FL STATION NAME | 70-74 YEARS | MAY 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
80/ 79				.1														1	1		
78/ 77		.5	1.0	.8	.1													22	22		
76/ 75		5.5	0.3	2.4	.2	.1												136	136	7	7
74/ 73		9.7	7.8	4.1	.6	.3												209	209	103	36
72/ 71	.3	10.7	5.7	2.5	2.3	.4												203	203	179	170
70/ 69	.4	8.3	4.3	2.2	.9	.6												136	136	196	141
68/ 67	.3	5.4	2.0	.9	.2													84	84	139	168
66/ 65	.2	4.2	1.1	.6	.3	.2												62	62	121	115
64/ 63	.3	2.9	.5	.3														38	38	83	104
62/ 61		1.0	.2	.2		.1												14	14	47	62
60/ 59		.5	.3	.1														9	9	21	50
58/ 57		.1	.3															4	4	13	30
56/ 55			.2															2	2	6	11
54/ 53		.3																3	3	5	17
52/ 51		.3	.1															4	4	3	6
50/ 49																				3	5
48/ 47		.1	.1															2	2	1	3
46/ 45																				2	1
44/ 43																					1
42/ 41																					2
TOTAL	1.6	64.0	29.3	14.1	4.9	1.0												929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6900389	79597	85.7	9.313	929							
Dry Bulb	4667819	65729	70.8	4.322	929			79.2	36.8			93
Wet Bulb	4294367	63025	67.8	4.482	929			62.5	11.0			93
Dew Point	4097067	61503	66.2	5.227	929			52.3	4.3			93

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

6-64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12850 — STATION
KEC SHUTTLE APT FL — STATION NAME
70-77 — YEARS
MAY — MONTH

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
78/ 77		.2	1.0	.1	.1													13	13		
76/ 75		3.4	1.5	.3	.1													51	51	2	
74/ 73	.3	9.2	3.9	2.3	.2													152	152	74	33
72/ 71	.3	13.9	5.2	1.7	1.0	.2												214	214	136	118
70/ 69	.8	11.6	2.6	1.0	.6	.8												161	161	188	160
68/ 67	.6	8.2	1.3	.9	.4	.2												115	115	163	165
66/ 65	.6	7.3	1.6	.1														90	90	124	135
64/ 63	.3	3.2	1.2		.1													45	45	93	110
62/ 61	.1	3.3	.3	.1														36	36	54	66
60/ 59	.2	2.0	.3	.1														27	27	45	43
58/ 57		.9	.2															10	10	23	38
56/ 55		.3	.4	.1														8	8	10	27
54/ 53		.1	.1															2	2	7	14
52/ 51		.2																2	2	3	7
50/ 49		.1																1	1	5	6
48/ 47																					4
46/ 45		.1																1	1		1
44/ 43		.2																2	2	2	
42/ 41																				1	2
40/ 39																					1
TOTAL	3.7	64.3	21.2	7.1	2.5	1.2												930	930	930	930

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7370241	82417	88.6	6.455	930							
Dry Bulb	4463083	64277	69.1	4.706	930			70.6	21.6			93
Wet Bulb	4179068	62184	66.9	4.773	930			56.3	7.6			93
Dew Point	4028003	61007	65.6	5.291	930			47.6	3.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-7 — YEARS
MAY — MONTH

PAGE 1
0600-0600 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.3	.3	.3	.3												22	22		
80/ 79		.1	1.8	2.7	1.7	.4	.1											64	64		
78/ 77		.9	4.1	3.3	2.4	1.2	.4											112	112	7	2
76/ 75	.1	4.0	5.3	4.8	1.8	.8	.2	.2										163	163	42	11
74/ 73	.2	7.3	5.2	2.8	1.8	.3	.1											163	163	163	92
72/ 71	.4	8.1	4.4	1.4	2.3	.4		.1										159	159	181	149
70/ 69	.3	5.1	3.0	.4	.4	.2												88	88	166	174
68/ 67	.2	3.9	1.1	.8	.1	.1												57	57	120	165
66/ 65	.8	3.0	1.2	.1	.1													48	48	91	89
64/ 63	.1	.6	.3		.1													13	13	63	79
62/ 61	.1	1.4			.2													16	16	34	59
60/ 59		.9	.2	.1														11	11	16	46
58/ 57		.5	.1		.1													7	7	11	26
56/ 55		.4	.1															5	5	8	19
54/ 53																				5	7
52/ 51		.1																1	1	1	4
50/ 49																				1	5
48/ 47																					1
46/ 45		.1																1	1		1
44/ 43																				1	
40/ 39																					1
TOTAL	2.3	36.3	28.1	17.0	11.2	4.0	.9	.3										930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6501717	77097	82.9	10.900	930							
Dry Bulb	4936967	67603	72.7	4.955	930			82.8	52.4	4.8		93
Wet Bulb	4444667	64157	69.0	4.490	930			69.9	21.2			93
Dew Point	4204037	62345	67.0	5.143	930			59.3	10.5			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12869 | KSC SHUTTLE APT FL | 70-74 | MAY
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1										1	1		
88/ 87					.2	.1	.4	.3										10	10		
86/ 85				.3	.4	2.3	.8	.4	.4									43	43		
84/ 83				.4	4.3	4.0	2.7	1.0	.5									117	117		
82/ 81			.1	3.4	8.4	6.6	2.9	.9	.4									215	215	1	
80/ 79			.9	5.4	6.3	7.8	2.0	1.2	.2	.1								223	223	4	
78/ 77		.1	2.0	4.8	5.0	2.4	3.2	.2	.4									175	175	21	3
76/ 75		.4	1.3	2.3	1.3	1.9	1.6	.4	.1	.2								89	89	128	13
74/ 73		.3	.0	.6	.0	.9	.4	.1	.2									36	36	241	71
72/ 71		.0	.1	.2	.1	.1	.2	.1	.1									15	15	181	165
70/ 69		.1			.1		.3											5	5	165	168
68/ 67		.1																1	1	80	153
66/ 65																				58	110
64/ 63																				31	76
62/ 61																				9	54
60/ 59																				3	39
58/ 57																				8	36
56/ 55																					16
54/ 53																					11
52/ 51																					5
50/ 49																					2
48/ 47																					3
46/ 45																					3
44/ 43																					2
TOTAL		1.7	5.1	17.5	27.5	20.0	14.6	4.7	2.5	.3								930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4096147	60953	65.5	10.439	930							
Dry Bulb	5914385	74103	79.7	3.250	930			93.0	90.9	50.3		93
Wet Bulb	4730015	66235	71.2	3.702	930			82.1	39.9	.3		93
Dew Point	4183871	62181	66.9	5.328	930			57.2	8.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
70-7 — YEARS
MAY — 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
94/ 93										.4	.2							4	4		
92/ 91									.1	.1								2	2		
90/ 89							.3	.2	.4	.2	.1							12	12		
88/ 87					.1	.1	2.0	1.7	1.0		.1	.1						57	57		
86/ 85				.1	1.5	3.5	3.3	1.8	.6	.4		.1						107	107		
84/ 83				.3	4.7	5.4	3.4	1.1	.2			.2						147	147		
82/ 81			.1	2.3	7.4	5.6	4.9	1.0	.4	.5	.2							209	209	1	
80/ 79			.4	3.3	4.4	6.9	3.4	1.2	.3	.3	.2							196	196	6	
78/ 77		.2	1.3	1.0	2.4	1.3	1.6	.1	.6	.3								83	83	43	3
76/ 75		.6	.5	1.3	1.3	.8	1.0	.3	.3									57	57	151	22
74/ 73		.4	1.0	.5	.2	.6	.2	.1	.1									30	30	248	61
72/ 71	.1	.6	.4	.2	.1				.2									17	17	162	166
70/ 69	.1	.1	.1		.1			.1	.1									6	6	154	153
68/ 67						.1												1	1	72	153
66/ 65	.1	.1																2	2	45	130
64/ 63																				20	84
62/ 61																				15	47
60/ 59																				7	39
58/ 57																				3	22
56/ 55																				3	9
54/ 53																					10
52/ 51																					8
50/ 49																					11
48/ 47																					6
46/ 45																					1
44/ 43																					4
42/ 41																					1
TOTAL	.3	2.3	3.9	10.0	22.3	25.3	20.3	7.6	4.6	2.2	.9	.4						930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3772112	58230	62.6	11.654	930			92.8	90.4	64.8	.4	93
Dry Bulb	6132768	75430	81.1	3.995	930			83.7	44.9	.2		93
Wet Bulb	4779353	66573	71.6	3.854	930			55.8	8.6			93
Dew Point	4174347	62087	66.8	5.626	930							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-75 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95											.1							1	1		
92/ 91										.1								1	1		
90/ 89								.1		.2	.1	.1						5	5		
88/ 87						.3	1.1	.8	.5	.2	.1	.1						28	28		
86/ 85				.2	.8	1.8	1.1	.8	.1			.1	.1					46	46		
84/ 83			.3	1.2	2.8	3.5	1.4	.5	.2			.2						95	95		
82/ 81			.3	4.1	6.1	4.3	2.5	.4	.4	.1	.1							171	171		
80/ 79			1.9	5.7	5.8	7.8	2.0	1.2	.1	.1								219	219	5	1
78/ 77		.2	2.3	4.5	6.1	3.4	1.8	.8	.3									178	178	30	3
76/ 75	.2	1.3	1.7	1.8	1.2	.9	1.1	.6	.2									82	82	120	21
74/ 73	.1	.9	1.4	.9	.3	.6	.3	.1	.1									45	45	241	75
72/ 71	.1	1.8	.8	.2	.8	.1			.2									35	35	175	175
70/ 69	.2	.8	.2	.1	.2		.1	.1	.1									17	17	181	177
68/ 67	.2	.1					.1											4	4	77	119
66/ 65			.1	.1														2	2	49	128
64/ 63																				25	79
62/ 61			.1															1	1	15	44
60/ 59																				6	45
58/ 57																				3	20
56/ 55																				1	14
54/ 53																					7
52/ 51																					6
50/ 49																					5
48/ 47																					7
46/ 45																					1
44/ 43																					2
42/ 41																					1
TOTAL	.9	5.1	7.8	18.5	24.2	22.4	11.8	5.2	2.4	.8	.4	.5	.1						930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4369337	62649	67.4	14.665	930							
Dry Bulb	5860110	73728	79.3	4.038	930			92.7	87.1	44.9	.1	93
Wet Bulb	4731440	66242	71.2	3.763	930			82.9	39.6	.2		93
Dew Point	4215779	62411	67.1	5.437	930			57.1	10.0			93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12859 STATION | KSC SHUTTLE APT FL STATION NAME | 70-77 YEARS | MAY MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87										.1								1	1		
86/ 85							.1	.1										2	2		
84/ 83			.1	.1	.1	.3	.1		.2									9	9		
82/ 81		.1	.2	1.0	1.0	1.1	.9	.1										40	40		
80/ 79		.4	1.9	3.7	2.2	.9	.3	.2		.1	.1	.1						92	92	2	1
78/ 77		.3	7.1	5.8	3.7	1.2	.4	.1		.1								176	176	7	4
76/ 75		3.0	8.5	7.6	4.2	1.5	.3	.2				.1						236	236	54	8
74/ 73		3.9	5.6	5.4	2.3	1.1	.1	.1										171	171	109	79
72/ 71	.2	3.6	3.5	2.0	2.4	.4		.1	.1									114	114	198	166
70/ 69	.4	2.6	1.1	.2	1.1	.5	.1	.1										57	57	213	173
68/ 67		.6	.2	.4	.1	.1	.1											15	15	125	154
66/ 65	.1	.1	.2	.1		.1	.2											3	6	80	115
64/ 63			.1		.1													2	2	36	74
62/ 61			.1	.1														2	2	22	50
60/ 59				.1														1	1	9	36
58/ 57			.1															1	1	6	27
56/ 55																				0	11
54/ 53																				3	9
52/ 51																					5
50/ 49																					1
48/ 47																					4
46/ 45																					4
44/ 43																					1
42/ 41																					1
40/ 39																					1
38/ 37																					1
TOTAL	.8	14.9	78.8	76.5	17.0	7.2	2.7	1.1	.3	.3	.1	.2						927	927		927
																		927		927	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5585265	71119	76.7	11.805	927							
Dry Bulb	5243855	69643	75.1	3.564	927			91.6	72.9	9.3		93
Wet Bulb	4544485	64807	69.9	3.860	927			78.9	25.3	.1		93
Dew Point	4195023	62161	67.1	5.375	927			56.9	9.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
(0-7) — YEARS
MAY — MONTH

2100-2300 — 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				
80/ 79		.1	.3	.6	.6													14	15		
78/ 77		1.0	3.5	1.7	.8	.3												69	69	1	1
76/ 75		6.3	9.3	5.5	.9		.2											207	207	19	4
74/ 73	.1	8.2	7.0	8.7	1.4	.9												240	240	135	60
72/ 71		5.8	5.3	3.1	2.9	.3	.1											163	163	212	155
70/ 69	.3	6.1	2.7	.9	1.0	.3	.1											115	115	173	186
68/ 67	.3	3.9	.5	.3	.2	.3	.1											53	53	162	169
66/ 65		1.8	.2	.3	.3													25	25	62	110
64/ 63	.1	1.1	.1	.1		.3												16	16	55	99
62/ 61		.4		.3	.1													8	8	28	37
60/ 59		.2	.2	.1														5	5	13	35
58/ 57		.1	.3															4	4	8	24
56/ 55		.2																2	2	7	12
54/ 53		.4																2	2	8	13
52/ 51		.2																2	2	4	10
50/ 49																					7
48/ 47																					2
46/ 45																					3
TOTAL	1.4	35.7	29.1	21.0	8.2	2.7	.5											927	927	927	927

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6456457	76781	82.8	10.229	927							
Dry Bulb	4873243	67115	72.4	8.902	927			86.6	53.4	.4		93
Wet Bulb	4402914	63770	68.8	4.164	927			72.4	15.6			93
Dew Point	4158454	61904	66.8	5.152	927			57.7	6.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12[illegible] KSC SEATTLE APT FA — STATION / STATION NAME — [illegible]-7 — YEARS — MAY — MONTH

 ALL — 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					
96/ 95											.0								1	1		
94/ 93										.0	.0								4	4		
92/ 91								.0	.0	.0									4	4		
90/ 89							.0	.0	.1	.1	.0	.0							17	17		
88/ 87					.0	.2	.4	.3	.2	.0	.0	.0							96	98		
86/ 85				.1	.3	1.0	.7	.4	.1	.1		.0	.0						198	198		
84/ 83			.1	.3	1.3	1.7	1.0	.3	.1			.1							368	368		
82/ 81		.0	.2	1.4	3.0	2.2	1.4	.3	.2	.1	.0								657	657	2	
80/ 79		.1	.8	2.8	2.8	3.0	1.0	.5	.1	.1	.0	.0							811	811	17	2
78/ 77		.3	2.7	2.8	2.0	1.3	.9	.1	.2	.1									828	828	109	16
76/ 75	.1	3.1	4.4	3.2	1.3	.7	.0	.2	.1	.0		.0							1021	1021	523	80
74/ 73	.1	5.0	4.0	3.1	.9	.6	.1	.1	.1										1046	1046	1304	307
72/ 71	.2	5.7	3.2	1.4	1.5	.3	.0	.0	.1										920	920	1422	1766
70/ 69	.4	4.1	1.7	.9	.9	.4	.1	.0	.0										585	585	1456	1332
68/ 67	.3	2.8	.7	.4	.1	.1	.0												330	330	959	1446
66/ 65	.2	2.1	.6	.2	.1	.0	.0												237	237	630	532
64/ 63	.1	1.0	.3	.1	.0	.0													114	114	406	705
62/ 61	.0	.0	.1	.1	.0	.0													77	77	224	419
60/ 59	.0	.3	.2	.1															53	53	119	333
58/ 57		.2	.1		.0														26	26	75	223
56/ 55		.1	.1	.0															17	17	43	119
54/ 53		.1	.0																7	7	28	88
52/ 51		.1	.0																9	9	11	51
50/ 49		.0																	1	1	9	42
48/ 47		.0	.0																2	2	1	30
46/ 45		.0																	2	2	2	15
44/ 43		.0																	2	2	3	10
42/ 41																					1	7
40/ 39																						3
38/ 37																						1
TOTAL	1.4	26.0	19.3	16.6	14.7	11.3	6.4	2.[illegible]	1.2	.4	.2	.1	.0						7433	7433		7433
																			7433		7433	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	45051665	508843	76.5	14.294	7433
Dry Bulb	42092230	557628	75.0	5.899	7433
Wet Bulb	36106307	516993	69.6	4.455	7433
Dew Point	33256581	495599	66.7	5.344	7433

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			689.2	505.0	174.7	.5	744
Dry Bulb			588.7	204.7	.8		744
Wet Bulb			445.9	61.2			744
Dew Point							744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1[illegible] | KSC SHUTTLE APT FL | 8-7- | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-[illegible]00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.3	.3														6	6		
80/ 79		.4	0.3	1.0	.1	.1												76	76		
78/ 77		3.8	10.9	1.2	.3													104	164	15	4
76/ 75	.1	12.7	10.8	2.0	.4													254	234	130	72
74/ 73	.4	15.0	3.8	.8														180	180	299	209
72/ 71	1.2	11.0	1.1															120	120	229	293
70/ 69	1.4	6.1	.7															74	76	143	181
68/ 67	.1	2.0	.1															25	23	53	80
66/ 65	.1	.8																8	8	16	42
64/ 63		1.0																9	9	5	8
62/ 61		.2																2	2	1	7
60/ 59																				2	4
TOTAL	3.4	55.8	33.9	5.9	.7	.1													900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7218041	80417	89.4	8.022	900			88.1	66.0	3.2		90
Dry Bulb	4984415	66909	74.3	3.365	900			86.9	44.4			90
Wet Bulb	4681451	64863	72.1	2.745	900			83.9	28.5			90
Dew Point	4557823	63963	71.1	2.785	900							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12850 KSC SHUTTLE APT FL 6-7 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79		.1	1.9	.2														20	20		
78/ 77	.4	6.0	5.2	.9														107	107	4	3
76/ 75	.3	13.0	7.2	1.3	.3													205	205	103	56
74/ 73	1.1	19.7	2.0	.9														213	213	240	183
72/ 71	.9	13.0	1.1															135	135	229	243
70/ 69	1.9	10.3	.4															110	110	157	201
68/ 67	.8	6.7	.1															68	68	109	109
66/ 65	.9	2.0																30	30	36	69
64/ 63		.4																4	4	13	23
62/ 61		.7																6	6	7	6
60/ 59		.2																2	2	4	5
TOTAL	5.4	72.7	18.0	3.9	.3													900	900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7587744	82496	91.7	5.375	900							
Dry Bulb	4798117	65639	72.9	3.485	900			85.8	54.5	.3		90
Wet Bulb	4570498	64078	71.2	3.036	900			84.0	34.6			90
Dew Point	4474874	63402	70.4	3.059	900			79.7	24.4			90

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

6059

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12[illegible] | KSC SEATTLE ART FL | [illegible]-7[illegible] | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0600-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.1													1	1		
86/ 85				.3	.3	.4												14	14		
84/ 83			.3	3.1	1.8	.4												51	51		
82/ 81		.1	5.0	7.1	2.4	.2												132	132		
80/ 79		1.9	8.3	5.8	1.1	.2												154	154	15	1
78/ 77		5.4	7.8	2.7	.3	.1												151	151	111	29
76/ 75		9.8	5.2	1.3	.6													150	150	249	150
74/ 73	.8	9.8	.3	.4														103	252	282	
72/ 71	.3	6.1	.3															65	65	136	216
70/ 69	.3	4.7	.1															50	50	61	123
68/ 67	.2	2.0																20	20	40	61
66/ 65	.1	.4																5	5	12	27
64/ 63	.1	.2																3	3	3	9
62/ 61		.1																1	1		1
60/ 59																				1	1
TOTAL	2.3	40.1	28.0	20.6	7.3	1.4												900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	6630105	76913	85.5	8.582	900							
Dry Bulb	5336825	69199	76.9	4.254	900			89.1	75.0	27.6		90
Wet Bulb	4877873	66205	73.6	2.978	900			88.4	62.7	.2		90
Dew Point	4694613	64943	72.2	2.869	900			86.2	46.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12826 STATION | KSC SHUTTLE APT FL STATION NAME | 9-74 YEARS | JUN MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91							.1	.2	.3									6	6		
90/ 89						.0	1.4	.8	.2									29	29		
88/ 87					1.4	5.0	2.7	.6	.1									95	95		
86/ 85				1.8	7.9	9.0	1.3	.4	.1									183	183		
84/ 83			.3	7.4	13.7	4.0	1.3	.1										247	247		
82/ 81			1.0	9.0	8.0	2.7	.6											196	196		
80/ 79		.1	.8	4.0	2.3	1.7												65	85	55	
78/ 77		.1	1.9	.8	.7													31	31	277	20
76/ 75		1.0	.3	.1														15	15	239	142
74/ 73		1.0		.1														10	10	201	281
72/ 71	.1	.2																3	3	53	258
70/ 69																				18	129
68/ 67																				1	37
66/ 65																					22
64/ 63																					10
62/ 61																					1
TOTAL	.1	2.7	4.0	23.3	34.0	24.4	7.4	2.1	.6									900	900		900
																				900	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4416585	62043	69.0	7.922	900							
Dry Bulb	6247885	74933	83.3	3.173	900			90.0	89.7	81.2		90
Wet Bulb	5139881	67987	75.5	2.127	900			90.0	82.8	1.2		90
Dew Point	4698496	64986	72.2	2.599	900			86.7	44.3			90

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

6370

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1280 STATION | KSC SHUTTLE APT FL STATION NAME | 9-7 YEARS | JUN 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
94/ 93							.1	.1	.3	.3		.1						9	9		
92/ 91							.0	1.4	1.1	.3	.1							32	32		
90/ 89						2.7	2.7	2.6	.7									77	77		
88/ 87					2.4	6.3	5.3	1.4	.2									142	142		
86/ 85				1.8	8.0	7.9	2.3	.4	.2									186	186		
84/ 83			.4	4.7	14.1	4.0	.0	.1										213	213		
82/ 81		.1	.8	3.0	7.0	1.0	.8											129	124	3	
80/ 79		.4	.9	2.7	2.0	1.4												64	64	1.3	
78/ 77		.0	1.3	.4														21	21	267	33
76/ 75	.4	.0	.4	.2														13	13	298	155
74/ 73	.1	1.1	.1															12	12	175	250
72/ 71			.1															1	1	39	256
70/ 69		.1																1	1	19	127
68/ 67																					50
66/ 65																					20
64/ 63																					8
62/ 61																					1
TOTAL	.1	2.3	3.0	13.4	34.1	23.7	12.3	5.1	2.6	.7	.1	.1							900		900
																		900		900	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4156912	60598	67.3	9.258	900							
Dry Bulb	6426120	75994	84.4	3.707	900			90.0	89.8	83.4	.9	90
Wet Bulb	5187707	68301	75.9	2.198	900			90.0	84.6	3.4		90
Dew Point	4706922	65040	72.3	2.730	900			87.1	43.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12854 STATION | KING SEATTLE APT FL STATION NAME | 0-7 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93							.1		.3									4	4		
92/ 91							.7	.5	.7	.2								22	22		
90/ 89						.4	.3	1.0	.4	.2	.1							21	21		
88/ 87					.1	1.7	3.4	1.9	.8	.2								71	71		
86/ 85				.1	2.1	6.2	5.1	1.1	.4									136	136		
84/ 83				.1	5.2	9.1	4.4	.8										183	183		
82/ 81			2.3	9.3	7.8	2.0	.8											202	202	5	
80/ 79	.4	.4	2.3	5.7	3.0	1.2												115	115	70	5
78/ 77	.1	1.6	2.3	3.0	.8													70	70	216	37
76/ 75	.1	2.0	1.4	.1		.1												34	34	278	161
74/ 73	.4	2.6	.5															30	30	224	228
72/ 71	.1	1.0																10	10	83	248
70/ 69		.4																2	2	21	140
68/ 67																				2	53
66/ 65																					19
64/ 63																					8
62/ 61																					1
TOTAL	.7	7.6	9.2	25.6	29.4	16.4	6.3	2.8	1.4	.3								900	900		900
																		900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4801368	65094	72.3	10.200	900							
Dry Bulb	6106804	74046	82.3	4.056	900			90.0	88.8	70.9	.4	90
Wet Bulb	5106737	67761	75.3	2.361	900			90.0	79.4	2.3		90
Dew Point	4710003	65059	72.3	2.797	900			87.2	43.1	.2		90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12809 STATION | KSC SHUTTLE APT FL STATION NAME | 0-7 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89						.1	.1	.1	.1									6	6		
88/ 87					.1	.2		.1										4	4		
86/ 85				.3	.6	.7	.4	.2										20	20		
84/ 83			.3	4.1	2.9	1.1	.1											77	77		
82/ 81		.2	4.7	7.9	3.4	.3	.2											151	151		
80/ 79		1.1	7.8	9.9	2.1	.9												196	196	18	
78/ 77		2.9	8.7	6.8	2.1	.1												185	185	120	24
76/ 75		6.3	5.7	1.7	.3													128	128	220	127
74/ 73	.3	7.1	2.4	.4														93	93	322	241
72/ 71	.0	2.7	.3															32	32	150	267
70/ 69	.3	.2	.2															7	7	62	165
68/ 67		.1																1	1	5	42
66/ 65																				3	26
64/ 63																					6
TOTAL	1.4	20.7	39.9	31.3	11.8	3.4	.7	.7	.1									900	900		900
																	900		900		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5960803	72791	80.9	9.045	900							
Dry Bulb	5547509	70587	78.4	3.556	900			90.0	80.0	35.3		90
Wet Bulb	4931129	66585	74.0	2.346	900			89.7	68.0	.2		90
Dew Point	4671348	64790	72.0	2.652	900			86.0	39.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 3-7H (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83			.1	.1														2	2		
82/ 81			1.7	3.1	.2	.1												46	46		
80/ 79		1.7	7.6	6.0	1.4	.2												154	154	1	
78/ 77		5.0	12.3	4.8	.9													207	207	45	13
76/ 75		11.8	8.2	3.3	.4													214	214	163	94
74/ 73	.4	11.4	4.0	.8	.2													152	152	339	222
72/ 71	.6	8.2	.4															83	83	205	289
70/ 69	.3	2.8	.2															30	30	117	183
68/ 67	.1	.6	.2															8	8	21	56
66/ 65		.2																2	2	4	30
64/ 63		.2																2	2	3	10
62/ 61																				2	3
TOTAL	1.4	41.9	35.0	18.1	3.4	.3												900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6736376	77296	86.2	7.170	900			89.6	77.9	11.5		90
Dry Bulb	5196826	68332	75.9	3.121	900			89.6	77.9	11.5		90
Wet Bulb	4786221	65597	72.9	2.393	900			89.1	54.8			90
Dew Point	4610508	64374	71.5	2.607	900			85.7	32.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 — STATION
KSC SHUTTLE APT FL — STATION NAME
73-78 — YEARS
JUL — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0	.0	.1	.0		.0						13	13		
92/ 91							.2	.3	.3	.1	.0							60	60		
90/ 89					.0	.5	.7	.5	.2	.0								133	133		
88/ 87				.0	.7	1.9	1.2	.4	.1									313	313		
86/ 85			.0	.4	3.0	2.9	.6	.2	.0									539	539		
84/ 83			.2	3.1	5.3	1.8	.3	.0										773	773		
82/ 81		.1	2.0	5.1	3.7	.9	.2											862	862		
80/ 79	.0	.8	4.3	4.5	1.5	.7												864	864	262	6
78/ 77	.0	3.4	6.3	2.5	.7	.0												936	936	1055	163
76/ 75	.1	7.1	4.9	1.4	.3	.0												993	993	1735	959
74/ 73	.4	8.4	1.7	.4	.0													793	793	2053	1696
72/ 71	.3	5.3	.4															449	449	1124	2070
70/ 69	.1	3.1	.2															276	276	614	1249
68/ 67	.2	1.5	.1															122	122	230	488
66/ 65	.1	.5																45	45	71	255
64/ 63	.0	.2																18	18	24	84
62/ 61		.1																9	9	17	20
60/ 59		.0																2	2	7	10
TOTAL	1.3	30.6	20.3	17.7	15.2	8.8	3.3	1.4	.6	.1	.0	.0						7200	7200		7200
																		7200		7200	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	47517134	578546	80.4	11.955	7200							
Dry Bulb	44647505	565039	78.6	5.406	7200			712.6	627.9	313.4	1.3	720
Wet Bulb	39281447	531377	73.8	2.995	7200			708.1	511.3	7.3		720
Dew Point	37118647	516563	71.7	2.836	7200			683.1	302.4	.2		720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 — STATION
KSC SHUTTLE APT FL — STATION NAME
2-75 — YEARS
JUL — MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83			.1	.4														5	5		
82/ 81		.1	1.0	1.1														26	26		
80/ 79		3.8	7.3	1.3	.1													118	118	2	
78/ 77		10.8	9.0	1.1	.2													199	199	50	30
76/ 75	.5	18.6	6.0															234	234	212	164
74/ 73	1.3	18.3	1.7	.1														201	201	327	303
72/ 71	.3	9.7	.3															98	98	196	266
70/ 69	.9	2.8	.1															35	35	87	120
68/ 67		.9																8	8	15	29
66/ 65		.4																2	2	6	11
64/ 63		.2																2	2	1	2
62/ 61		.2																2	2	2	2
60/ 59																				2	3
TOTAL	3.4	65.5	26.5	4.0	.6													930		930	
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7637127	84133	90.5	5.289	930							
Dry Bulb	5299143	70143	75.4	3.074	930			92.4	78.3	7.6		93
Wet Bulb	5008510	68210	73.3	2.479	930			91.9	62.1			93
Dew Point	4898871	67457	72.5	2.524	930			91.2	49.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 STATION | KSC SHUTTLE APT FL STATION NAME | 9-7[illegible] YEARS | JUL 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
82/ 81			1.1	.1														13	13		
80/ 79		1.1	2.3	.1														39	39	1	
78/ 77		10.4	5.1	.4	.3													153	153	35	12
76/ 75	.0	18.7	3.1	.2	.3													214	214	159	123
74/ 73	3.[illegible]	20.8	1.7															237	237	323	294
72/ 71	1.8	14.8	.4															157	157	209	238
70/ 69	1.[illegible]	7.6																85	85	142	171
68/ 67	.4	2.0																20	20	43	61
66/ 65		.6																6	6	11	23
64/ 63		.2																2	2	1	2
62/ 61		.2	.1															3	3	3	1
60/ 59		.1																1	1	3	3
58/ 57																					2
TOTAL	7.1	77.4	13.5	1.1	.9													930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7975389	86021	92.5	4.846	930							
Dry Bulb	5109174	68872	74.1	3.077	930			91.8	65.6	1.8		93
Wet Bulb	4887827	67377	72.4	2.639	930			91.2	51.8			93
Dew Point	4807520	66818	71.8	2.711	930			89.9	42.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12826 STATION | KSC SHUTTLE APT FL STATION NAME | 9-76 YEARS | JUL MONTH

PAGE 1 | 0600-0800 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				
88/ 87						.2												2	2		
86/ 85				.2	1.9	.4												24	24		
84/ 83			1.8	6.2	2.0													94	94		
82/ 81		.9	6.0	8.3	1.1	.2	.2											171	171		
80/ 79		4.1	11.0	2.3	.3													166	166	44	1
78/ 77	.3	10.1	5.3	.3	.2	.2												158	158	234	88
76/ 75	.4	10.5	1.7	.1														119	119	289	291
74/ 73	1.0	7.7	.1															84	84	164	292
72/ 71	.0	5.5																58	58	91	130
70/ 69	.0	3.7																40	40	64	77
68/ 67		1.2	.1															12	12	16	28
66/ 65																				5	11
64/ 63		.1																1	1	1	4
62/ 61		.1																1	1	1	1
60/ 59																				1	1
TOTAL	3.1	43.7	26.7	17.4	5.8	1.1	.2												930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7009585	80371	86.4	8.293	930							
Dry Bulb	5664409	72475	77.9	4.205	930			92.8	81.8	37.2		93
Wet Bulb	5205587	69529	74.8	2.829	930			92.2	75.1	.5		93
Dew Point	5037334	68400	73.5	2.670	930			91.3	67.2			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12862 — STATION
KSC SHUTTLE APT FL — STATION NAME
67-71 — YEARS
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
94/ 93								.1	.1									2	2		
92/ 91						.1	.4	.2										7	7		
90/ 89					.2	1.0	2.6	.6										53	53		
88/ 87				.1	3.4	9.0	4.6	.2										164	164		
86/ 85				6.5	15.4	9.2	.3											297	297		
84/ 83			.3	11.3	12.0	1.4	1.0	.3										250	250		
82/ 81			2.7	5.2	2.3	.6	.2											107	102	7	
80/ 79		.2	1.9	.3	.3													23	28	120	3
78/ 77		.9	.3	.3														14	10	447	75
76/ 75		.9	.2															8	8	215	326
74/ 73		.3																3	3	44	322
72/ 71		.3																3	3	22	151
70/ 69																				5	30
68/ 67																					9
66/ 65																					8
64/ 63																					3
62/ 61																					1
TOTAL		2.2	5.3	24.4	34.2	22.3	9.4	1.0	.1									930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4657708	65440	70.4	7.552	930							
Dry Bulb	6674780	78744	84.7	2.832	930			93.0	92.7	88.7	.2	93
Wet Bulb	5529000	71662	77.1	1.803	930			93.0	90.3	3.7		93
Dew Point	5087526	68754	73.9	2.227	930			91.8	72.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 — STATION
KSC SHUTTLE APT FL — STATION NAME
0-7 — YEARS
JUL — 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
96/ 95									.1	.2								3	3		
94/ 93							.3	.4	.3	.2								12	12		
92/ 91						.2	1.6	1.9	1.2	.1								47	47		
90/ 89					.4	5.1	6.0	3.1	.2	.1	.1							143	140		
88/ 87				.1	5.3	14.2	6.5	.9										257	250		
86/ 85			.2	2.9	12.3	8.1	.4											219	219		
84/ 83			.8	4.3	5.9	1.5	1.0	.3										130	130	1	
82/ 81			1.4	3.4	.9	.1	.4	.1										59	59	18	
80/ 79		.1	1.4	1.6	.2													31	31	227	6
78/ 77		.4	1.2	.2														17	17	408	85
76/ 75		1.0	.4															13	13	190	274
74/ 73		.4	.2															6	6	61	215
72/ 71	.1	.2																3	3	20	109
70/ 69																				5	52
68/ 67																					15
66/ 65																					6
64/ 63																					4
62/ 61																					1
60/ 59																					1
TOTAL	.1	2.2	3.6	12.9	24.4	29.1	16.4	5.8	1.8	.6	.1								930		930
																		930		929	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4283172	62554	67.3	9.023	930							
Dry Bulb	6881238	79928	85.9	3.579	930			93.0	92.7	87.8	1.5	93
Wet Bulb	5549853	71819	77.2	1.982	930			93.0	90.5	8.8		93
Dew Point	5059282	68556	73.7	2.455	930			91.8	68.2	.1		93

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

SCIENTIFIC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12506 — STATION
KSC SHUTTLE APT FL — STATION NAME
0-7 — YEARS
JUL — 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
96/ 95									.1	.1								2	2		
94/ 93							.3	.1	.2	.2								8	8		
92/ 91							.3	.2	.3	.3								19	19		
90/ 89					.2	1.9	1.3	.8	.1									42	42		
88/ 87				.1	3.3	6.4	2.4	.4										133	133		
86/ 85			.2	6.0	17.1	6.3	.6											282	282		
84/ 83			.4	9.4	6.2	.6	.2	.1										164	164		
82/ 81		.2	2.3	6.3	1.9	.6	.4											109	109	13	
80/ 79		.3	3.4	1.5	.4	.1												50	50	178	3
78/ 77		1.6	2.0	.9	.2													49	49	376	77
76/ 75	.2	2.7	1.0	.2														37	37	213	321
74/ 73	.3	2.2	.4															26	26	106	309
72/ 71		.2	.1															3	3	37	140
70/ 69																				6	47
68/ 67																				1	23
66/ 65																					7
64/ 63																					3
TOTAL	.5	7.4	9.9	24.5	29.1	16.2	6.7	2.6	.8	.6								930		930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4951540	67254	72.3	9.733	930							
Dry Bulb	6545728	77932	83.8	4.044	930			93.0	92.7	79.1	1.0	93
Wet Bulb	5477311	71343	76.7	2.172	930			93.0	88.6	4.9		93
Dew Point	5070180	68632	73.8	2.385	930			92.0	71.0	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 9-76 YEARS | JUL 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
90/ 89							.1											1	1		
88/ 87					.4	.0	.2											13	13		
86/ 85			.2	1.1	2.3	1.1												45	45		
84/ 83			1.4	6.0	4.3	.3	.1											131	131		
82/ 81		.2	9.1	10.5	1.0	.4	.1											199	199	2	
80/ 79		2.0	13.3	6.0	1.0	.5	.1											219	219	35	2
78/ 77		4.3	8.4	2.2	.3													143	143	266	58
76/ 75	.4	7.0	3.7	.5	.4													109	109	314	287
74/ 73	.4	5.1	.4															55	55	208	319
72/ 71	.1	1.3	.1															14	14	85	188
70/ 69	.1																	1	1	19	51
68/ 67																				1	15
66/ 65																					7
64/ 63																					3
TOTAL	1.1	20.4	36.5	28.3	10.0	3.1	.6											930		930	
																		930			

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6275804	76022	81.7	4.133	930							
Dry Bulb	5910649	74075	79.7	3.368	930			93.0	91.5	50.8		93
Wet Bulb	5281653	70057	75.3	2.139	930			93.0	82.5	.6		93
Dew Point	5037218	68412	73.6	2.260	930			92.0	66.6	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12883 | KSC SHUTTLE APT FL | 9-73 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2100-2500
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
84/ 83			.2	1.3	.4													18	18		
82/ 81		.3	3.4	2.3		.1												62	62		
80/ 79		4.9	4.8	3.3	.4	.1												220	220	6	
78/ 77	.1	10.9	7.4	1.6	.4													190	190	132	43
76/ 75	.2	16.3	7.2	.8	.3													230	230	271	210
74/ 73	.3	13.3	1.8															144	144	294	300
72/ 71	1.1	4.8	.2															55	55	165	255
70/ 69		.3																7	7	33	86
68/ 67		.1	.1															2	2	6	17
66/ 65																					10
64/ 63		.2																2	2	2	1
62/ 61																				1	2
TOTAL	1.9	51.5	35.2	9.8	1.8	.2												930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7241150	81858	88.0	6.231	930							
Dry Bulb	5487028	71382	76.8	2.955	930			92.8	86.4	18.5		93
Wet Bulb	5110586	68910	74.1	2.273	930			92.7	70.3			93
Dew Point	4961938	67896	73.0	2.341	930			91.7	55.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12[illegible] | KSC SEATTLE APT FL | 9-7 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.0	.0								5	5		
94/ 93							.1	.1	.1	.1								22	22		
92/ 91						.0	.3	.4	.2	.1								73	73		
90/ 89					.1	1.1	1.3	.6	.0	.0	.0							233	233		
88/ 87				.0	1.5	4.1	1.7	.2										562	562		
86/ 85			.1	2.0	6.2	3.1	.2											867	867		
84/ 83			.7	5.1	3.9	.5	.3	.1										792	792	1	
82/ 81		.2	3.7	4.7	.3	.3	.2	.0										741	741	40	
80/ 79		2.3	6.9	2.2	.4	.1	.0											877	677	683	17
78/ 77	.1	6.1	5.0	.9	.3	.0												925	925	1978	468
76/ 75	.3	9.4	2.9	.2	.1													964	964	1863	2004
74/ 73	.3	8.5	.4	.0														756	756	1547	2454
72/ 71	.3	4.6	.1															391	391	845	1543
70/ 69	.4	1.9	.0															168	168	361	634
68/ 67	.0	.5	.0															42	42	82	197
66/ 65		.1																8	8	22	83
64/ 63		.1																7	7	5	22
62/ 61		.1	.0															6	6	7	8
60/ 59		.0																1	1	6	8
58/ 57																					2
TOTAL	2.4	33.6	20.2	15.2	13.4	9.2	4.1	1.3	.3	.2	.0								7440		7440
																		7440		7440	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	50034487	603653	81.1	11.917	7440							
Dry Bulb	47572149	593551	79.8	5.434	7440			741.8	681.7	371.5	2.7	744
Wet Bulb	42046327	558907	75.1	2.844	7440			740.0	611.2	18.5		744
Dew Point	39959869	544925	73.2	2.544	7440			731.7	494.3	.3		744

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

6877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
73 — YEARS
AUG — MONTH

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
82/ 81			.5	.5														11	11		
80/ 79		.6	7.1	2.4	.4													148	148		
78/ 77	.1	14.2	8.3	.4														219	218	74	32
76/ 75	.3	19.7	2.3		.1													215	215	261	195
74/ 73	1.0	17.1	.3															176	176	318	318
72/ 71	1.4	10.0	.6															114	114	178	240
70/ 69	1.1	3.7	.3															46	46	81	103
68/ 67	.1																	1	1	15	36
66/ 65																				2	5
TOTAL	4.1	76.7	20.9	3.3	.5														929		929
																		929		929	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7721260	84558	91.0	5.165	929							
Dry Bulb	5305590	70156	75.5	2.845	929			93.0	76.9	5.9		93
Wet Bulb	5030377	68329	73.6	2.251	929			92.8	65.4			93
Dew Point	4936383	67645	72.8	2.280	929			92.5	54.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12858 STATION | KSC SHUTTLE APT FL STATION NAME | 67-73 YEARS | AUG MONTH

PAGE 1 | 0300-0500 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				
82/ 81				.2														2	2		
80/ 79		1.4	.3	1.4	.2													63	63		
78/ 77	.1	12.7	0.1	.9														164	164	20	9
76/ 75	.0	19.6	2.4															210	210	215	150
74/ 73	4.3	19.1	.3															223	223	332	226
72/ 71	2.4	12.9	.2															144	144	194	232
70/ 69	1.1	8.0	.2															86	86	103	126
68/ 67	.1	1.7																19	19	21	66
66/ 65		.2																2	2	11	19
64/ 63																					2
TOTAL	8.5	75.6	13.2	2.5	.2													930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7990624	86086	92.6	4.869	930							
Dry Bulb	5151832	69164	74.4	2.955	930			92.8	67.9	2.2		93
Wet Bulb	4928274	67662	72.8	2.441	930			91.9	56.7			93
Dew Point	4850873	67127	72.2	2.472	930			90.9	48.9			93

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

6978

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | KSC SHUTTLE APT FL STATION NAME | 67-76 YEARS | AUG 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
88/ 87						.2												2	2		
86/ 85				1.1	.8	.2												19	19		
84/ 83			2.4	6.3	2.5	.1												109	109		
82/ 81		.4	6.2	4.7	.3													120	120		
80/ 79		3.9	8.1	1.7	.3	.1												131	131	49	2
78/ 77	.1	14.4	4.3	1.1														187	187	210	102
76/ 75	.5	12.7	1.5	.1														138	138	295	196
74/ 73	1.3	8.9	.3															100	100	193	262
72/ 71	1.3	6.6	.1															74	74	102	152
70/ 69	.8	2.7	.2															33	33	52	77
68/ 67	.4	1.2	.1															16	16	21	24
66/ 65	.1																	1	1	8	14
64/ 63																					1
TOTAL	4.6	50.8	24.1	15.5	4.4	.6													930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7238905	81709	87.9	8.038	930							
Dry Bulb	5604059	72089	77.5	4.160	930			92.9	80.6	31.9		93
Wet Bulb	5196870	69472	74.7	2.791	930			92.2	74.7	.9		93
Dew Point	5050049	68489	73.6	2.592	930			91.5	66.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12H08 STATION | KSC SHUTTLE APT FL STATION NAME | 9-76 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
94/ 93							.1											1	1		
92/ 91							.3											3	3		
90/ 89						1.5	1.6	.5										34	34		
88/ 87					4.4	7.2	1.7	.2										129	129		
86/ 85				6.2	22.9	8.3	.5											371	371		
84/ 83			1.4	12.2	10.1	1.7												236	236		
82/ 81		.4	3.0	4.2	1.7	.3												90	90	6	
80/ 79		1.2	1.9	1.4	.2													41	41	246	4
78/ 77		.5	.9	.4														17	17	428	141
76/ 75		.4	.2															6	6	198	354
74/ 73		.2																2	2	47	274
72/ 71																				5	119
70/ 69																					32
68/ 67																					0
TOTAL		2.8	7.1	26.3	39.1	19.4	4.3	.8										930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4844041	66797	71.8	7.065	930							
Dry Bulb	6653098	78624	84.5	2.557	930			93.0	93.0	89.1		93
Wet Bulb	5568344	71946	77.4	1.643	930			93.0	92.5	5.6	.1	93
Dew Point	5159232	69242	74.5	2.050	930			93.0	77.3			93

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

6679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12862 STATION | KSC SHUTTLE APT FL STATION NAME | 9-76 YEARS | 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
96/ 95								.2										2	2		
94/ 93										.1								1	1		
92/ 91						.3	.4	.3	.2									16	16		
90/ 89					.3	4.1	3.9	1.1	.3									90	90		
88/ 87				.6	9.7	14.8	5.7	.4		.1								292	292		
86/ 85				4.5	19.2	11.0	.6	.2										331	331		
84/ 83			.5	5.1	5.3	1.2												114	114		
82/ 81			1.2	2.4	.9	.3												44	44	19	
80/ 79		.3	.8	.2														12	12	276	10
78/ 77	.1	.4	.3															8	8	415	123
76/ 75	.1	.9	.3															12	12	170	327
74/ 73		.6																6	6	42	287
72/ 71		.2																2	2	6	136
70/ 69																				2	32
68/ 67																					12
66/ 65																					2
62/ 61																					1
TOTAL	.2	2.5	3.1	12.8	35.0	31.7	10.0	2.7	.5	.2								930		930	
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4439214	63850	68.7	7.732	930							
Dry Bulb	6853556	79792	85.8	2.855	930			93.0	92.8	89.8	.3	93
Wet Bulb	5597504	72132	77.6	1.752	930			93.0	92.2	10.5		93
Dew Point	5132252	69056	74.3	2.224	930			92.7	74.7	.2		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | KSC SHUTTLE APT FL STATION NAME | 9-73 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93							.1											1	1		
92/ 91							.5	.1										6	6		
90/ 89					.1	1.3	1.3	.2	.1									30	30		
88/ 87					4.2	3.9	2.7		.1									121	121		
86/ 85			.1	7.3	17.0	9.4	.9	.3										325	325		
84/ 83			1.6	9.9	6.7	2.4	.2											193	193		
82/ 81		.1	2.5	6.0	1.7													96	96	3	
80/ 79		.1	3.8	1.4	.1													52	52	191	5
78/ 77	.1	1.9	2.2	.4														43	43	382	110
76/ 75	.2	3.0	.6															36	36	225	322
74/ 73	.3	1.6		.1														19	19	99	297
72/ 71	.4	.3																7	7	23	146
70/ 69		.1																1	1		30
68/ 67																				2	14
66/ 65																					3
64/ 63																					1
TOTAL	1.1	7.4	10.8	25.4	29.8	19.2	5.5	.9	.2									930		930	
																		930	930		930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5086014	68222	73.4	9.364	930			93.0	92.2	80.7	.1	93
Dry Bulb	6517277	77777	83.6	3.697	930			93.0	92.2	80.7	.1	93
Wet Bulb	5496895	71475	76.9	1.994	930			93.0	90.5	5.5		93
Dew Point	5111448	68910	74.1	2.213	930			92.6	73.4			93

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

6680

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12809 STATION | KSC SHUTTLE APT FL STATION NAME | 9-73 YEARS | AUG MONTH

PAGE 1 | 1600-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.3	.1											4	4		
86/ 85					1.0	1.1	.4											23	23		
84/ 83			1.2	7.1	3.2	.4	.3											114	114		
82/ 81		.4	10.1	10.0	2.1	.3												228	228		
80/ 79		3.9	14.1	7.0	.9	.1												247	247	36	2
78/ 77		8.4	7.1	1.2	.3													158	158	242	60
76/ 75	.1	7.3	2.3	.1	.1													98	98	370	295
74/ 73	.3	3.7	.4															41	41	209	341
72/ 71	.4	.9																12	12	64	172
70/ 69	.1	.1																2	2	5	41
68/ 67		.1																1	1	2	14
66/ 65		.1																1	1	1	4
TOTAL	1.0	25.1	35.0	27.0	8.0	1.0	.4											929	929	929	929

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6424437	76905	82.8	7.909	929			92.9	91.4	49.9		93
Dry Bulb	5874279	73819	79.5	3.039	929			92.9	85.8	.4		93
Wet Bulb	5284145	70041	75.4	1.935	929			92.9	59.9	.1		93
Dew Point	5060387	68537	73.8	2.094	929			92.6				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12860 STATION | KSC SHUTTLE APT FL STATION NAME | 6-7 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81			.3	3.2	2.9	.1												61	61		
80/ 79			5.9	15.2	5.7	.5												254	254	4	2
78/ 77		11.2	9.1	1.5	.1													204	204	113	35
76/ 75	1.1	17.0	4.3	.8														212	212	319	241
74/ 73	.9	13.8	1.2	.1														148	148	332	335
72/ 71	.3	3.4	.9															39	39	122	226
70/ 69	.3	.8	.1															11	11	33	66
68/ 67		.1																1	1	6	20
66/ 65																				1	5
TOTAL	2.4	52.5	33.2	11.0	.9														930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7313156	82264	88.5	6.261	930			93.0	87.9	16.4		93
Dry Bulb	5498248	71464	76.8	2.693	930			92.9	76.8			93
Wet Bulb	5131366	69056	74.3	1.995	930			92.5	61.3			93
Dew Point	4993711	68119	73.2	2.139	930							

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

6884

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12803 | KSC SHUTTLE APT FL | 67-7. | AUG
STATION | STATION NAME | YEARS | MONTH

 | 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
96/ 95								.0										2	2		
94/ 93							.0			.0								3	3		
92/ 91						.0	.2	.1	.0									25	25		
90/ 89					.1	.2	.8	.2	.1									154	154		
88/ 87				.1	2.3	3.6	1.3	.1	.0	.0								548	548		
86/ 85			.1	2.6	7.6	2.7	.2	.1										1069	1069		
84/ 83			.9	5.1	3.2	.7	.1											766	766		
82/ 81		.2	3.9	4.0	1.0	.1												652	652	.3	
80/ 79		2.9	5.3	2.7	.3	.0												948	948	807	25
78/ 77	.1	8.0	4.3	.8	.1													1019	1019	1864	.12
76/ 75	.4	10.1	1.8	.1	.0													927	927	2053	2180
74/ 73	1.0	8.1	.4	.0														712	712	1572	2440
72/ 71	.1	4.3	.2															392	392	699	1425
70/ 69	.4	1.9	.1															179	179	276	507
68/ 67	.1	.4	.0															38	38	97	192
66/ 65	.0	.0																4	4	23	52
64/ 63																					4
62/ 61																					1
TOTAL	2.1	35.9	18.5	15.6	14.6	9.1	2.6	.5	.1	.0									7438		7438
																		7439		7439	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	5105765	610391	82.1	11.401	7438							
Dry Bulb	4745793	592885	79.7	5.172	7438			743.6	682.7	365.9	.3	744
Wet Bulb	4223377	560113	75.3	4.717	7438			741.7	634.6	22.9		744
Dew Point	4026834	547131	73.6	6.376	7438			738.3	575.8	.3		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12864 STATION | KSC SHUTTLE APT FL STATION NAME | 9-7 YEARS | SEP MONTH

PAGE 1 | 0000-0600 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
82/81		.1	1.3	1.6														27	27		
80/79		1.9	11.9	4.4	.9													172	172	1	
78/77		9.8	12.1	5.2	.9													234	234	40	14
76/75	.7	15.9	4.1	.3														191	190	254	142
74/73	1.2	12.3	2.3															143	143	312	326
72/71	1.1	6.4	.3	.1														77	90	170	232
70/69	.3	2.0																26	26	89	116
68/67	.1	1.2																12	12	21	45
66/65		.4																4	4	7	15
64/63																				3	6
62/61		.2																2	2	2	2
TOTAL	3.7	52.0	32.1	9.7	1.8														900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7120506	79840	88.7	6.485	900							
Dry Bulb	5187804	68272	75.9	2.136	900			87.4	76.6	9.7		90
Wet Bulb	4846692	66010	73.3	2.411	900			88.8	61.7			90
Dew Point	4715472	65106	72.3	2.519	900			87.7	48.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 — STATION
KSC SHUTTLE APT FL — STATION NAME
?-?. — YEARS
SEP — MONTH

PAGE 1 — 0000-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.4	.2														6	6		
80/ 79		1.2	0.1	3.2														95	95		
78/ 77		8.4	7.1	2.3	.6													167	167	22	6
76/ 75	1.1	15.8	3.9	.9	.2													199	199	167	107
74/ 73	1.7	10.1	1.4	.3	.2													205	205	302	279
72/ 71	1.1	11.8																122	122	204	240
70/ 69	1.4	0.4																71	71	120	166
68/ 67	.0	2.1																24	24	44	62
66/ 65		.6																5	5	9	23
64/ 63		.3																3	3	4	9
62/ 61																					3
60/ 59	.1	.2																3	3	2	2
58/ 57																				1	1
TOTAL	0.	60.0	19.2	6.7	1.2														900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	74596[illegible]	81739	90.8	3.333	900							
Dry Bulb	5005415	67033	74.5	3.292	900			88.9	67.2	4.4		90
Wet Bulb	473°107	65269	72.5	2.649	900			88.0	51.1			90
Dew Point	4634173	64533	71.7	2.721	900			89.2	39.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
9-7 — YEARS
SEP — MONTH

0600-0600 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.4	.4													1	1		
84/ 83			.2	3.8	.8	.1												42	42		
82/ 81			6.1	3.4	.6													111	111		
80/ 79		3.7	2.1	3.4	.8	.2												153	153	12	1
78/ 77	.1	7.4	6.8	1.2	.7													144	144	148	50
76/ 75	.7	14.4	2.8	.4														163	163	235	208
74/ 73	1.0	12.2	1.0															133	133	259	277
72/ 71	.1	2.1	.8	.1														89	89	130	194
70/ 69	.3	3.7																40	40	78	99
68/ 67	.1	1.2	.2															14	14	24	48
66/ 65		.7																6	6	8	14
64/ 63		.1																1	1	5	6
62/ 61																					2
60/ 59		.1																1	1	1	1
TOTAL	4.1	51.9	26.3	14.3	3.0	.3												900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7049339	79361	88.2	7.559	900							
Dry Bulb	5282235	68855	76.5	4.008	900			89.2	74.9	24.4		90
Wet Bulb	4912925	66445	73.8	2.876	900			88.6	69.4			90
Dew Point	4772992	65494	72.8	2.773	900			87.7	53.6			90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
C-7 — YEARS
SEP — MONTH

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
90/ 89						.1	.1											2	2		
88/ 87				.2	1.4	4.3	1.2											65	65		
86/ 85				5.8	18.8	6.7	.8	.1										289	289		
84/ 83			1.3	13.0	12.0	3.0	1.0	.4										284	284		
82/ 81		.1	3.8	7.1	4.2	1.1	.4											151	151	2	
80/ 79		.2	3.2	1.3	1.3		.1											56	56	132	3
78/ 77		1.4	1.3	.7	.4													35	35	387	73
76/ 75		.7	.7															12	12	244	301
74/ 73		.3	.1	.1														5	5	100	273
72/ 71		.1																1	1	25	160
70/ 69																				9	53
68/ 67																				1	19
66/ 65																					12
64/ 63																					6
TOTAL		2.9	10.4	28.0	38.4	16.2	3.7	.8										900	900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4767211	65169	72.4	7.332	900							
Dry Bulb	6279850	75106	83.5	2.620	900			90.0	89.9	82.7		90
Wet Bulb	5275924	68884	76.5	2.028	900			90.0	86.5	2.1		90
Dew Point	4885222	66268	73.6	2.548	900			88.2	65.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 9-76 (YEARS) SEP (MONTH)

 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
92/ 91						.1	.3	.2	.2									8	8		
90/ 89					.1	1.2	1.4	.8	.1									33	33		
88/ 87				.1	4.6	8.7	2.8	.2	.2									151	151		
86/ 85				3.8	22.3	14.3	1.4	.1										379	379		
84/ 83			.8	6.0	10.2	4.7	1.1	.2										205	205		
82/ 81		.1	.4	2.7	2.2	1.0	.7											64	64	6	
80/ 79		.3	1.4	1.3	.1													29	29	161	2
78/ 77		1.0	.3		.1													13	13	365	68
76/ 75		.8	.2															9	9	227	276
74/ 73	.3	.4																7	7	96	285
72/ 71	.2	.1																3	3	20	165
70/ 69																				4	64
68/ 67																					23
66/ 65																					9
64/ 63																					6
TOTAL	.5	2.8	3.0	13.9	39.3	30.0	7.8	1.6	.8										900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4350021	62191	69.1	7.046	900							
Dry Bulb	6475963	76303	84.8	2.772	900			90.0	89.7	85.9		90
Wet Bulb	5307874	69094	76.8	1.959	900			90.0	87.5	3.9		90
Dew Point	4864857	66131	73.5	2.501	900			88.5	63.3			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
0-73 — YEARS
SEP — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.1										1	1		
92/ 91						.1	.1		.1									3	3		
90/ 89						.3	.7	.1										10	10		
88/ 87				.1	1.4	2.2	.9											43	43		
86/ 85				3.8	15.9	7.0	.3	.1										247	247		
84/ 83			1.1	12.0	11.1	4.0	1.2											264	264		
82/ 81		.1	3.0	9.0	4.7	1.0	.4											174	174	2	
80/ 79		.3	2.0	3.3	1.7	.3												76	76	90	2
78/ 77		2.1	2.0	.4	.1													42	42	354	55
76/ 75		1.8	1.1															26	26	280	248
74/ 73	.1	1.3	.1															14	14	134	312
72/ 71																				35	175
70/ 69																				5	75
68/ 67																					21
66/ 65																					11
64/ 63																					1
TOTAL	.1	5.7	10.0	28.4	35.0	16.1	3.7	.3	.1									900	900		900
																				900	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4851576	65660	73.0	8.258	900							
Dry Bulb	6199887	74649	82.9	3.029	900			90.0	90.0	79.0	.1	90
Wet Bulb	5226250	68560	76.2	1.974	900			90.0	86.0	1.7		90
Dew Point	4844558	65996	73.3	2.392	900			88.8	61.7	.1		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
9-70 — YEARS
SEP — 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
88/ 87						.1												1	1		
86/ 85					.1	.2												4	4		
84/ 83			.4	2.0	1.4	.2												37	37		
82/ 81		.3	0.0	13.1	1.9													192	192		
80/ 79		2.2	18.1	12.8	2.3	.1												320	320	11	1
78/ 77		5.7	9.0	4.7	1.0													188	188	134	27
76/ 75	.3	6.0	4.1	1.6	.4													117	117	380	205
74/ 73	.3	2.1	.9	.2														32	32	269	338
72/ 71		.9																8	8	80	201
70/ 69		.1																1	1	22	86
68/ 67																				4	34
66/ 65																					5
64/ 63																					3
TOTAL	1.2	17.3	36.0	34.4	7.8	.7													900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6102396	73836	82.0	7.066	900							
Dry Bulb	5609863	70995	78.9	2.483	900			90.0	89.1	39.9		90
Wet Bulb	5026024	67234	74.7	1.929	900			90.0	79.4	.1		90
Dew Point	4795672	65664	73.0	2.317	900			89.2	57.1			90

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

6685

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KSC SHUTTLE APT FL — STATION NAME
79-83 — YEARS
SEP — MONTH

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
82/ 81		.3	2.3	4.1	.3													69	69		
80/ 79		2.1	14.7	8.0	1.6													237	237	3	1
78/ 77		9.9	13.1	3.8	.9													249	249	60	21
76/ 75	.4	12.6	5.0	2.1	.2													183	183	313	166
74/ 73	.3	9.8	2.2	.4	.1													116	116	332	329
72/ 71	.2	2.4	.2															31	31	125	225
70/ 69		1.0	.1															10	10	49	95
68/ 67		.3																3	3	15	45
66/ 65		.1																1	1	2	13
64/ 63																					4
TOTAL	1.0	36.6	28.8	18.5	3.1													899	899	899	899

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6679369	77249	85.9	6.801	899							
Dry Bulb	5350055	69311	77.1	2.654	899			89.9	85.5	18.0		90
Wet Bulb	4916550	66456	73.9	2.105	899			89.8	70.9			90
Dew Point	4744837	65275	72.6	2.434	899			88.2	51.8			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 69-73 YEARS | SEP MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.0										1	1		
92/ 91						.0	.1	.0	.0									11	11		
90/ 89					.3	.2	.3	.1	.0									45	45		
88/ 87				.1	1.3	1.9	.6	.0	.0									260	260		
86/ 85				1.6	7.2	3.6	.3	.0										921	921		
84/ 83			.4	4.6	4.4	1.0	.4	.1										832	832		
82/ 81		.1	3.1	5.4	1.8	.5	.2											794	794	10	
80/ 79		1.5	8.4	4.7	1.1	.1	.0											1138	1138	410	10
78/ 77	.1	5.7	6.5	2.0	.7													1072	1072	1536	316
76/ 75	.5	8.5	2.7	.7	.1													899	899	2124	1655
74/ 73	.7	7.2	1.0	.1	.0													655	655	1804	2419
72/ 71	.3	4.0	.2	.0														344	344	789	1592
70/ 69	.3	1.7	.0															148	148	368	756
68/ 67	.1	.6	.1															53	53	110	297
66/ 65		.2																16	16	26	102
64/ 63		.1																4	4	16	41
62/ 61		.0																2	2	2	7
60/ 59	.0	.0																4	4	3	3
58/ 57																				1	1
TOTAL	2.2	29.7	22.4	19.2	16.3	7.9	1.9	.3	.1										7199		7199
																		7199		7199	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	48380103	585045	81.3	10.770	7199							
Dry Bulb	45381072	570544	79.3	4.768	7199			717.4	662.9	344.0	.1	720
Wet Bulb	40251346	537948	74.7	2.713	7199			715.2	588.9	7.8		720
Dew Point	38257773	524469	72.9	2.599	7199			704.6	440.1	.1		720

USAFETAC FORM AWS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6086

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 STATION | KSC SHUTTLE APT FL STATION NAME | 9-73 YEARS | OCT MONTH

 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
82/ 81		.2	.1															3	3		
80/ 79		1.0	1.4	2.2	.7	.2												50	50	3	1
78/ 77	.1	2.2	4.2	6.1	3.0	1.0	.1											162	162	10	6
76/ 75	.1	5.3	3.1	3.4	2.7	.9	.2											146	146	51	23
74/ 73	.9	5.9	3.9	2.9	.3	1.9	.2											150	150	147	97
72/ 71	.9	8.0	2.8	1.1	1.4	.5	.2											138	138	177	123
70/ 69	.4	4.5	1.7	.6	.2	1.1												85	85	151	162
68/ 67	.3	3.0	1.1	.2	.0	.3												52	52	112	117
66/ 65	.3	2.0	.3	.3														30	30	82	90
64/ 63		1.3	.1	.2														17	17	53	84
62/ 61		2.3	.4															25	25	37	52
60/ 59	.2	1.6	.1			.1												19	19	43	39
58/ 57		1.7	.2	.4	.1													23	23	22	35
56/ 55		.6	.2	.2														10	10	12	44
54/ 53		.2	.2															4	4	5	18
52/ 51		.3																3	3	13	9
50/ 49		.5	.1															6	6	5	7
48/ 47		.3																3	3	6	11
46/ 45		.1																1	1	2	4
44/ 43																				1	4
42/ 41		.2																2	2		1
40/ 39		.1																1	1	2	
38/ 37																				1	2
36/ 35																					1
TOTAL	2.9	41.6	20.2	17.7	10.8	6.0	.8											930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6506748	77008	82.8	11.836	930							
Dry Bulb	4819789	66685	71.7	6.411	930			78.6	51.1	1.9		93
Wet Bulb	4336638	63256	68.0	6.062	930			64.6	20.6			93
Dew Point	4093928	61384	66.0	6.749	930			52.9	12.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 — STATION
KEF SHUTTLE APT FE — STATION NAME
9-7 — YEARS
OCT — MONTH

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
82/ 81			.1															1	1		
80/ 79		.4	1.2	.4	.3	.2												25	26		
78/ 77		1.8	4.4	3.3	2.2	.5												114	114	5	3
76/ 75	.1	4.2	3.4	3.7	2.8	1.0	.2											141	141	42	18
74/ 73	.9	7.8	2.8	2.2	2.0	1.4	.1											158	158	131	103
72/ 71	1.1	6.6	2.7	1.3	1.3	.6	.3											129	129	142	105
70/ 69	2.0	5.3	1.7	.9	1.3	1.0	.1											116	116	162	136
68/ 67	1.6	3.9	.9	.2	.3	.4												70	70	134	140
66/ 65	.1	3.3	.8	.4														49	49	84	108
64/ 63	.3	2.2	.2	.4														29	29	71	65
62/ 61		1.3	.2															14	14	42	64
60/ 59	.4	1.9	.1															20	20	45	45
58/ 57		1.6	.2		.1													18	18	19	36
56/ 55	.1	1.3	.2	.2														17	17	16	36
54/ 53		.2	.3	.2														9	9	9	31
52/ 51		.4	.2															6	6	7	5
50/ 49		.3																5	5	13	7
48/ 47		.2																2	2	5	10
46/ 45		.2																2	2	1	5
44/ 43		.2																2	2	4	8
42/ 41																					1
40/ 39		.1																1	1		
38/ 37																				1	
36/ 35																					1
TOTAL	7.1	43.3	19.7	13.2	10.5	5.2	.8											929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6767358	78494	84.5	12.069	929							
Dry Bulb	4686135	65712	70.7	6.392	929			75.6	44.0	.4		93
Wet Bulb	4258706	62648	67.4	6.051	929			61.7	17.8			93
Dew Point	4043638	60974	65.6	6.701	929			50.8	12.4			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 — STATION
KSC SHUTTLE APT FL — STATION NAME
-79 — YEARS
OCT — MONTH

PAGE 1 — 0600-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83			.1	.1														2	2		
82/ 81		.1	.1	.9	.5	.2												18	18		
80/ 79		.9	1.3	1.3	1.4	.4	.1	.1										59	59	2	1
78/ 77		3.8	3.8	3.8	3.3	.8	.1											144	144	14	5
76/ 75	.1	3.7	2.4	4.0	2.3	1.1	.3	.1										134	134	72	40
74/ 73	.4	7.8	1.7	2.3	1.0	1.4	.1											146	146	126	99
72/ 71	.1	7.8	2.3	.6	1.4	.2	.4											128	128	170	141
70/ 69	1.0	4.4	1.2	.4	1.0	.4												82	82	130	117
68/ 67	.3	3.1	1.2	.8	.3	.3												58	58	120	134
66/ 65	.9	3.4	.1	.4	.4													55	55	83	93
64/ 63	.2	1.9	.4		.1													25	25	66	69
62/ 61	.1	1.4	.3	.2														21	21	47	68
60/ 59		1.2	.2		.2													15	15	27	47
58/ 57		1.3	.2	.1	.1													16	16	16	31
56/ 55		.5	.2															7	7	16	25
54/ 53		.3	.3	.2														8	8	8	20
52/ 51		.3																3	3	6	16
50/ 49		.3	.2															5	5	8	7
48/ 47		.2																2	2	4	5
46/ 45		.1																1	1	3	3
44/ 43		.1																1	1	1	3
42/ 41																				1	5
40/ 39																					1
TOTAL	4.1	43.4	17.2	15.6	13.1	5.3	1.1	.2										930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6587309	77425	83.3	12.340	930							
Dry Bulb	4833024	66788	71.8	6.280	930			77.1	50.3	4.0		93
Wet Bulb	4357505	63423	68.2	5.893	930			64.4	22.4	.1		93
Dew Point	4122427	61609	66.2	9.648	930			53.7	14.5			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12830 — STATION
KSC SHUTTLE APT FL — STATION NAME
5-7x — YEARS
OCT — MONTH

PAGE 1 — 0900-1100 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				
88/ 87				.2			.2											4	4		
86/ 85				.2	1.2	.3	.5											24	26		
84/ 83			.2	2.3	4.3	4.0	1.3	.3										132	132		
82/ 81			1.1	4.5	6.3	4.8	2.2	.5										161	181	1	
80/ 79		.2	2.4	4.9	4.3	4.0	1.3	.8										174	174	9	4
78/ 77		1.3	2.7	3.0	3.5	3.4	1.7	.3	.2									151	151	72	4
76/ 75	.1	1.1	1.9	2.5	2.2	2.0	1.8	.1										107	107	139	57
74/ 73	.1	1.4	1.4	.8	1.1	1.1	.5	.2										61	61	218	121
72/ 71	.2	.8	.9	.8	1.0	.3	.5	.2										44	44	154	147
70/ 69		.1	.4	.1	.3	1.0		.3										23	23	129	141
68/ 67		.1	.4	.1	.4	.1	.4											11	11	80	122
66/ 65			.1		.2	.1	.3	.2										3	3	62	72
64/ 63					.1													1	1	36	77
62/ 61				.2	.1	.2												5	5	19	58
60/ 59						.1												1	1	10	39
58/ 57																				9	24
56/ 55																				7	23
54/ 53																				4	14
52/ 51																				2	9
50/ 49																				1	2
48/ 47																					5
46/ 45																					6
44/ 43																					1
42/ 41																					3
40/ 39																					1
TOTAL	.4	4.9	11.3	20.0	25.7	23.8	10.4	3.0	.2										930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4568654	64324	69.2	11.349	930							
Dry Bulb	5740515	72953	78.4	4.375	930			91.4	83.6	43.6		93
Wet Bulb	4718640	66094	71.1	4.804	930			78.0	43.7	.4		93
Dew Point	4243584	62542	67.2	6.368	930			59.6	18.6	.2		93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12869	KSC SHUTTLE APT FL	9-7-	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1	.1	.1									3	3		
88/ 87					.4	.4	.9	.2	.2	.1								19	19		
86/ 85				.5	3.4	2.8	2.4	.4	.1									90	90		
84/ 83			.1	2.9	5.1	5.3	3.9	.3	.3									167	187		
82/ 81			.4	3.4	4.2	3.4	3.2	1.4	.2									174	174		
80/ 79		.3	1.1	2.6	4.3	4.1	2.3	1.4	.9									163	163	11	1
78/ 77		1.3	.8	2.0	2.0	2.8	4.1	.5	.2									126	126	133	5
76/ 75	.1	1.0	.8	1.3	1.4	1.3	.9	.6	.1	.1								75	75	135	63
74/ 73	.1	1.0	.4	.5	.4	1.0	1.0	.4	.2									53	53	208	123
72/ 71	.1	.3	.1		.2	.4	.2	.1	.2									18	18	144	107
70/ 69	.1				.2	.1	.1	.4	.1									13	13	104	162
68/ 67								.3	.1									4	4	91	190
66/ 65						.3	.2	.1										6	6	58	66
64/ 63																				26	93
62/ 61																				20	63
60/ 59																				5	49
58/ 57																				6	28
56/ 55																				11	19
54/ 53																				3	20
52/ 51																				2	3
50/ 49																					8
48/ 47																					3
46/ 45																					7
44/ 43																					4
42/ 41																					3
40/ 39																					1
38/ 37																					2
TOTAL	.4	4.1	3.7	14.3	22.6	25.5	19.1	6.5	2.6	.2								930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	4046794	60344	64.9	11.889	930							
Dry Bulb	5984314	74506	80.1	4.064	930			92.4	89.2	55.8		93
Wet Bulb	4765794	66426	71.4	4.777	930			79.8	45.9	.4		93
Dew Point	4206724	62234	66.9	6.734	930			59.1	19.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAF-TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 — STATION
KSC SHUTTLE APT FL — STATION NAME
9-7[illegible] — YEARS
[illegible]C1 — MONTH

Page 1 — 1500-1700 HOURS (L. S. T.)

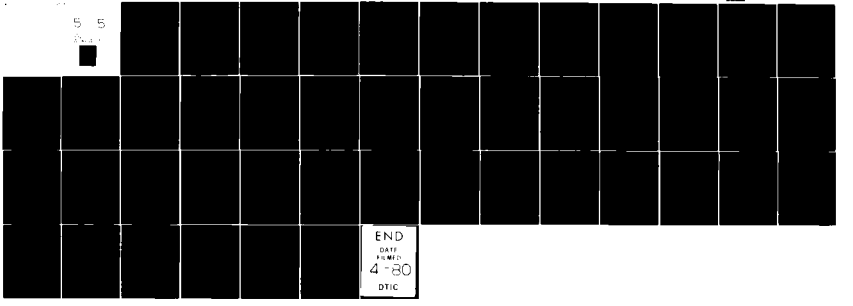
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.2	.2	.1									1	8		
86/ 85				.2	.4	.3	.4	.1	.1									17	17		
84/ 83				1.9	4.2	2.5	1.4	.2										93	93		
82/ 81			1.2	4.3	6.4	3.3	1.7	.2										160	160		
80/ 79		.5	2.7	4.8	5.4	4.3	1.4	1.3	.1									186	186	1	
78/ 77		.8	3.1	4.2	3.7	2.8	2.4	.8	.1									188	188	49	9
76/ 75	.1	1.0	1.3	2.4	2.3	2.1	1.4	.3										123	123	134	39
74/ 73		2.0	1.1	1.2	1.2	2.1	.3	.2	.2									84	84	214	119
72/ 71		1.5	.3	.3	.3	.8	.6	.2										46	46	153	147
70/ 69			.2	.1	.2	.2	.4	.3	.3									17	17	113	147
68/ 67			.1			.1												2	2	78	100
66/ 65					.1	.1	.3	.1										6	6	63	105
64/ 63																				37	64
62/ 61																				14	55
60/ 59																				7	55
58/ 57																				9	31
56/ 55																				4	20
54/ 53																				5	8
52/ 51																					9
50/ 49																					8
48/ 47																					1
46/ 45																					4
44/ 43																					5
42/ 41																					3
40/ 39																					1
TOTAL	.1	7.0	11.3	20.0	26.5	19.4	10.9	4.0	1.0									930		930	
																			930		930

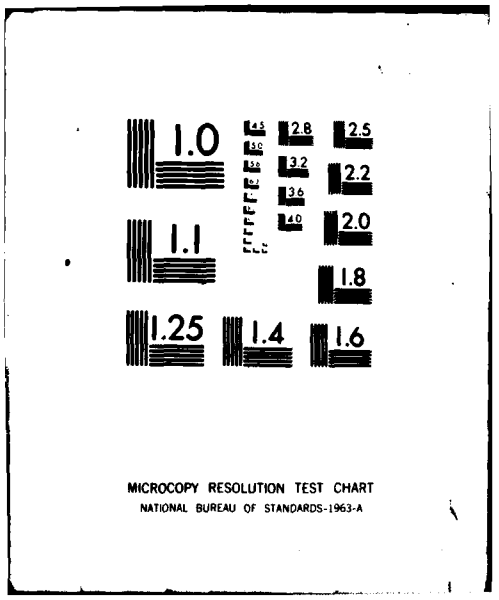
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	4559540	64148	69.0	12.048	93[illegible]							
Dry Bulb	5707338	72770	78.2	3.781	93[illegible]			92.4	85.9	37.8		93
Wet Bulb	4689133	65903	70.9	4.525	93[illegible]			78.0	40.1			93
Dew Point	4205178	62256	66.9	6.369	93[illegible]			56.1	10.7			93

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

AD-A081 403 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KSC SHUTTLE APY, TITUSVILLE, FLORIDA. REVISED UNIFORM SUMMARY O--ETC(U)
NOV 79

UNCLASSIFIED USAFETAC/DS-80/008 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 69-73 YEARS | OCT MONTH

 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
82/ 81			.4	.4	.1													9	9		
80/ 79		.6	3.5	4.4	1.9	1.1												108	108		
78/ 77		1.7	6.9	6.2	5.4	.8	.1											196	196	14	4
76/ 75		3.3	5.9	4.3	3.6	2.0	.4											179	179	70	28
74/ 73	.2	5.2	3.7	5.5	1.7	1.7	.2											169	169	173	96
72/ 71	.4	3.7	2.2	1.2	1.7	1.1	.3											98	98	186	167
70/ 69		1.6	1.3	1.1	1.6	1.1	.1											69	69	146	138
68/ 67		.4	1.7	.9	.3	.3												34	34	112	102
66/ 65		1.2	.6	.4	.2	.1	.1											25	25	62	102
64/ 63		.6	.1	.1	.0	.2	.1											17	17	69	76
62/ 61		.3	.1	.1	.1													8	8	43	63
60/ 59		.2	.1	.3														6	6	19	43
58/ 57			.1		.1													2	2	10	46
56/ 55		.1	.4	.1														6	6	8	17
54/ 53			.1	.1														2	2	4	13
52/ 51			.1															1	1	7	10
50/ 49				.1														1	1		15
48/ 47																				2	2
46/ 45																				1	3
44/ 43																					2
42/ 41																					2
40/ 39																					1
TOTAL	.6	19.5	27.5	25.3	17.3	8.4	1.4											930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5765622	72510	78.0	10.989	930							
Dry Bulb	5104191	68759	73.9	4.702	930			86.2	66.1	4.8		93
Wet Bulb	4665580	64270	69.1	5.087	930			70.1	25.7			93
Dew Point	4146843	61825	66.5	6.295	930			53.5	12.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 STATION | KSC SHUTTLE APT FL STATION NAME | 9-7? YEARS | OCT MONTH

PAGE 1 | 2100-2400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81		.1	.2															1	3		
80/ 79		.9	2.8	3.0	1.3	.9												82	82	1	
78/ 77		1.9	5.5	5.1	4.4	.4	.1											162	162	12	2
76/ 75		4.4	5.0	3.5	2.3	1.6	.3											165	165	60	23
74/ 73	.1	5.5	3.4	3.3	2.4	1.9	.4											159	159	158	95
72/ 71	.0	4.7	3.3	1.2	.3	1.0	.1											109	109	182	148
70/ 69	.1	4.0	2.2	.3	.0	1.7												87	87	138	131
68/ 67	.3	1.5	.5	.4	1.2	.1												39	39	112	125
66/ 65		1.0	.3	.8														32	32	76	98
64/ 63		1.6	.0				.1											22	22	45	71
62/ 61	.1	1.2	.4	.2	.1	.1												20	20	57	56
60/ 59		1.7	.2		.3													21	21	38	42
58/ 57		.9		.3														11	11	17	43
56/ 55		.2		.1														3	3	10	36
54/ 53		.1	.1															2	2	4	26
52/ 51		.3	.1															4	4	9	6
50/ 49		.2	.1															3	3	4	3
48/ 47		.1																1	1	3	6
46/ 45		.2	.1															3	3	2	8
44/ 43		.1																1	1	1	2
42/ 41			.1															1	1	2	3
40/ 39																					1
38/ 37																				1	1
34/ 33																					1
TOTAL	1.8	31.5	26.2	18.3	13.3	7.7	1.1											930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6161492	74912	80.6	11.705	930							
Dry Bulb	4925392	67454	72.5	5.949	930			80.6	57.1	2.9		93
Wet Bulb	4376195	63567	68.4	5.802	930			66.1	22.9			93
Dew Point	4095406	61400	66.0	6.699	930			52.7	12.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12802 — STATION
KSC SHUTTLE APT FL — STATION NAME
[illegible]-76 — YEARS
OCT — MONTH

PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.0	.0	.0									3	3		
88/ 87				.0	.0	.1	.2	.1	.0	.0								29	29		
86/ 85				.1	.0	.5	.4	.1	.0									133	133		
84/ 83			.1	.1	1.1	1.3	1.0	.0	.1	.0								416	416		
82/ 81		.1	.5	1.9	2.2	1.7	.9	.3	.0									549	549	3	
80/ 79		.0	2.1	3.0	2.3	2.0	.6	.4	.1									848	848	25	7
78/ 77	.0	1.0	4.0	4.2	3.0	1.3	1.1	.2	.1									1245	1245	279	41
76/ 75	.1	3.1	3.1	3.1	2.4	1.7	.7	.2	.0	.0								1070	1070	708	291
74/ 73	.1	4.7	2.3	2.3	1.4	1.0	.4	.1	.1									980	980	1376	653
72/ 71	.1	4.2	1.3	.8	1.0	.6	.4	.1	.0									710	710	1298	1085
70/ 69	.0	2.5	1.1	.4	.6	.9	.1	.1	.1									489	489	1078	1136
68/ 67	.1	1.5	.7	.3	.4	.2	.0	.0	.0									270	270	859	970
66/ 65	.2	1.5	.5	.3	.1	.1	.1	.1										212	212	575	734
64/ 63	.1	1.0	.2	.1	.1	.0	.0											111	111	403	569
62/ 61	.0	.9	.2	.1	.0	.0												93	93	284	479
60/ 59	.1	.8	.1	.0	.1	.0												82	82	195	359
58/ 57		.7	.1	.1	.1													70	70	104	274
56/ 55	.1	.3	.1	.1														43	43	65	220
54/ 53		.1	.2	.1														25	25	46	150
52/ 51		.2	.1															17	17	46	67
50/ 49		.2	.1	.0														20	20	31	57
48/ 47		.1																8	8	20	43
46/ 45		.1	.0															7	7	9	40
44/ 43		.1																4	4	7	29
42/ 41		.0	.0															3	3	3	21
40/ 39		.0																2	2	2	6
38/ 37																				3	5
36/ 35																					2
34/ 33																					1
TOTAL	2.2	24.5	17.2	18.1	17.5	12.6	5.7	1.7	.5	.0									7439		7439
																		7439		7439	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	44963517	569165	76.5	13.798	7439							
Dry Bulb	41800698	555628	74.7	9.353	7439			674.3	527.4	151.2		744
Wet Bulb	35969131	515587	69.3	5.603	7439			562.7	239.1	.9		744
Dew Point	33157730	494224	66.4	6.590	7439			438.4	119.2	.2		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12802 STATION | KSC SHUTTLE APT FL STATION NAME | 73-76 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.1	.4															3	3		
76/ 75	.1	1.3	2.4	.3	.7													47	47	2	1
74/ 73	.7	2.8	3.0	2.3	.4	.2												85	85	29	14
72/ 71	.3	5.9	3.3	.7	1.6	.4	.1											111	111	74	59
70/ 69	.2	5.7	2.0	1.8	1.4	.9	.2											115	115	83	68
68/ 67	.1	5.6	3.0	1.0	.6	.3												97	97	111	86
66/ 65	.3	3.2	1.8	1.0	.3	.7												66	66	79	80
64/ 63	.2	5.2	.3	.6	.7													64	64	103	83
62/ 61	.3	2.6	.6	.3	.3	.1												43	43	80	92
60/ 59	.4	3.6	.3	.3		.1												43	43	55	62
58/ 57	.2	4.2	.7	.4	.1	.1												52	52	31	56
56/ 55		1.2	.2	.4	.2	.2												21	21	44	54
54/ 53		1.1	.9	.3	.1	.4												26	26	23	36
52/ 51		2.1	.6	.1	.4													29	29	21	32
50/ 49		1.2	.7	.2	.3													22	22	33	27
48/ 47	.2	1.9	.2	.7														27	27	24	23
46/ 45		1.2	.2															13	13	22	30
44/ 43		2.4		.1														23	23	34	25
42/ 41	.1	.7	.2															9	9	22	27
40/ 39		.1																1	1	3	14
38/ 37																				4	6
36/ 35			.1	.2														3	3		7
34/ 33																					9
32/ 31																				3	6
24/ 23																					2
22/ 21																					1
TOTAL	4.0	52.1	21.1	11.4	7.4	3.6	.3											900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	6529761	75865	84.3	12.242	900							
Dry Bulb	3760550	57626	64.0	8.876	900							
Wet Bulb	3425228	54952	61.1	8.823	900		.3	29.9	3.1			90
Dew Point	3219089	53099	59.0	9.798	900		.9	22.8	1.3			90

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

6291 -

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 9-7[illegible] (YEARS) NOV (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
76/ 75		.6	1.3	.6	.2													26	26		
74/ 73	.3	3.7	1.7	1.9	.3	.3												74	74	11	5
72/ 71	.3	3.8	1.9	1.0	.9	.3												73	73	70	55
70/ 69	.6	7.1	2.8	1.3	1.4	.4												125	125	68	63
68/ 67	.7	5.9	1.9	.8	1.2	.2												96	96	102	75
66/ 65	.9	5.2	1.3	.3	.9	.3												85	85	89	84
64/ 63	.4	4.8	.4	.7	.3													60	60	110	84
62/ 61	.9	4.3	1.4	.2	.2													62	62	76	98
60/ 59	.4	3.9	.7	.2	.1													52	52	59	66
58/ 57	.3	3.3	.8	.2														48	48	64	58
56/ 55	.1	1.7	.3	.3														26	26	44	51
54/ 53	.4	1.7	1.2	.4	.2	.3												39	39	27	47
52/ 51		2.3	.2	.4	.1	.1												26	26	31	37
50/ 49	.1	1.0	.7	.6														26	26	34	27
48/ 47	.1	2.3	.3	.1	.1													27	27	23	33
46/ 45		1.6	.6	1.2														30	30	27	28
44/ 43		.8			.1													8	8	25	10
42/ 41	.2	.4		.1	.1													8	8	18	21
40/ 39		.3		.1														4	4	12	16
38/ 37		.2																2	2	2	7
36/ 35			.3															3	3	4	4
34/ 33																				1	10
32/ 31																				3	7
28/ 27																					3
26/ 25																					1
24/ 23																					3
20/ 19																					1
TOTAL	7.0	55.6	18.2	10.8	6.3	2.1													900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	6769921	77313	85.9	11.955	900							
Dry Bulb	3632760	56638	62.9	8.727	900			39.4	10.0			90
Wet Bulb	3343426	54284	60.3	8.777	900		.3	25.1	1.1			90
Dew Point	3164393	52632	58.5	9.801	900		1.5	19.8	.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12862 — STATION
KSC SHUTTLE APT FL — STATION NAME
[illegible]-78 — YEARS
NOV — MONTH

PAGE 1 — 0600-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.1	.1	.0	.1													8	8		
76/ 75		.7	1.3	.4	.0													27	27	1	1
74/ 73		2.9	1.4	1.0	.0	.3												64	64	16	9
72/ 71	.1	4.2	1.9	.9	1.3	.1												77	77	57	30
70/ 69	.9	6.2	2.0	.9	1.0	.1												105	105	81	73
68/ 67	1.1	5.9	2.9	.6	.7	.0												105	105	90	89
66/ 65	.9	6.7	1.7	.3	.6	.1	.1											95	95	102	84
64/ 63	.9	5.0	.3	.2														67	67	124	93
62/ 61	.6	4.2	.7	.1														50	50	72	93
60/ 59	.3	4.1	.4	.2	.1													54	54	64	72
58/ 57	.7	2.8	.8	.3	.4	.1												46	46	52	62
56/ 55		2.8	.9	.2	.3	.1												39	39	29	50
54/ 53	.2	2.3	1.2	1.0	.2	.1												46	46	39	32
52/ 51	.2	2.0	.6	.6	.1													33	33	34	37
50/ 49	.2	.8	.9	.6	.1													23	23	34	31
48/ 47	.1	1.2	.6	.1														18	18	27	18
46/ 45	.2	.4	.8	.4														17	17	27	24
44/ 43		.0	.0															10	10	18	20
42/ 41	.1	.2																3	3	12	23
40/ 39	.1	.3		.2														6	6	12	17
38/ 37			.2	.2														4	4		17
36/ 35			.1															1	1	1	4
34/ 33			.2															2	2	5	6
32/ 31																				3	
30/ 29																					1
28/ 27																					1
26/ 25																					5
24/ 23																					2
TOTAL	7.1	54.0	20.7	9.9	6.7	1.0	.1											900	900		900
																				900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6794115	77483	86.1	11.717	900							
Dry Bulb	3655331	56839	63.2	8.548	900			38.6	9.9			90
Wet Bulb	3367863	54509	60.6	8.600	900		.3	24.5	1.7			90
Dew Point	3193039	52901	58.8	9.643	900		.9	20.6	1.0			90

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

6292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12864 STATION | KSC SHUTTLE APT FL STATION NAME | 67-76 YEARS | NOV MONTH

 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
84/ 83					.1	.1	.1											4	4		
82/ 81				.4	1.4	.4	.2											23	23		
80/ 79			.8	3.2	2.8	2.2	.3											84	84		
78/ 77		.4	1.2	2.3	5.3	1.8	1.3											112	112		
76/ 75		.9	2.3	3.9	3.0	1.3	.9	.1	.1	.1								114	114	23	4
74/ 73	.1	1.9	2.1	3.1	1.7	3.0	1.1	.1	.1									119	119	74	21
72/ 71	.2	1.3	3.1	2.8	1.8	1.1	.6											98	98	109	70
70/ 69	.1	2.1	2.3	1.4	1.6	1.2	.4	.1										84	84	125	76
68/ 67	.2	.8	1.4	1.1	.9	.9	.9	.1										57	57	123	110
66/ 65	.1	1.2	1.4	1.6	.8	.3	.2	.1	.1									51	51	95	104
64/ 63		.4	.8	1.2	1.0	.7	.6	.1	.1									44	44	80	88
62/ 61		.3	.2	.4	.7	.3	.2	.2										22	22	56	76
60/ 59		.2	.9	.8	.2	1.0	.3											29	29	50	57
58/ 57		.1		.3	.9	.3												15	15	31	57
56/ 55		.2	.2	.4	.6													13	13	32	46
54/ 53		.2	.1	.4	.3		.1											11	11	21	29
52/ 51		.1	.1	.2	.1	.1												6	6	17	23
50/ 49		.2	.1	.1	.2													6	6	31	32
48/ 47					.1													1	1	13	14
46/ 45			.1		.1													2	2	7	18
44/ 43					.1													1	1	3	16
42/ 41				.1	.1													2	2	3	20
40/ 39				.1														1	1	1	12
38/ 37			.1															1	1	1	7
36/ 35																				3	5
34/ 33																				2	4
32/ 31																					4
30/ 29																					2
28/ 27																					3
24/ 23																					1
18/ 17																					1
TOTAL	.2	10.0	17.4	23.9	23.0	15.0	7.3	.9	.4	.1									900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4636975	6349	70.5	13.256	900							
Dry Bulb	4580659	63927	71.0	7.332	900			69.5	45.6	5.2		90
Wet Bulb	3821216	58244	64.7	7.600	900			45.4	9.7			90
Dew Point	3384718	54556	60.6	9.530	900		1.1	28.1	2.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12803 (STATION) KSC SHUTTLE APT FL (STATION NAME) 0-7 (YEARS) NOV (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85						.1	.2	.1										4	4		
84/ 83				.1	.8	1.4	.8	.3										31	31		
82/ 81				1.6	2.9	1.8	1.1	.3	.2									71	71		
80/ 79			.3	1.8	5.0	6.0	1.6	.9										142	142		
78/ 77		.3	.9	3.0	5.0	3.4	2.9	.3		.1								144	144	2	
76/ 75		.4	.3	3.0	3.0	2.3	2.0	.3	.3	.1								112	112	35	6
74/ 73	.3	.2	.9	1.6	1.3	2.8	2.0	.6	.1									88	88	97	16
72/ 71		.7	1.0	1.9	1.4	1.3	1.3	.7	.3	.1								79	79	107	63
70/ 69	.1	.3	.2	.2	1.4	1.6	1.1	.7	.3									56	56	139	80
68/ 67		.7	.6	.9	.9	1.0	.3	.4	.4	.1								55	55	106	104
66/ 65		.4	.2	.4	.8	1.2	.3	.2	.1									34	34	88	85
64/ 63			.3	.9	.2	1.1	.3	.3	.1	.1								28	28	73	101
62/ 61		.1		.3	.6	.9	.1	.1	.3									22	22	50	71
60/ 59			.1	.1	.4	.3	.1	.1										11	11	49	65
58/ 57				.1		.3	.1											5	5	38	49
56/ 55				.1	.3	.1	.1											6	6	29	46
54/ 53			.1		.1		.1											3	3	24	39
52/ 51		.2		.1	.1													4	4	24	33
50/ 49		.1		.1														2	2	9	27
48/ 47																				12	24
46/ 45																				6	17
44/ 43			.2	.1														3	3	3	22
42/ 41																					10
40/ 39																				2	9
38/ 37																				1	8
36/ 35																					6
34/ 33																					7
32/ 31																					5
30/ 29																					3
28/ 27																					2
TOTAL	.4	3.6	5.4	16.0	24.3	26.6	14.8	6.0	2.3	.6								900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3743174	56880	63.2	12.846	900							
Dry Bulb	4964295	66575	74.0	6.636	900			78.2	59.2	18.1		90
Wet Bulb	3915519	59019	65.6	7.095	900			48.6	13.4			90
Dew Point	3344710	54206	60.2	9.430	900		1.0	26.9	2.2			90

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

6933

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 STATION | KSC SHUTTLE APT FL STATION NAME | 67-71 YEARS | NOV MONTH

 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
85/ 85							.1	.1										2	2		
84/ 83						.3	.4	.1										8	8		
82/ 81				.4	1.4	.3	.6	.2	.1									30	30		
80/ 79			.2	1.9	2.4	2.6	.6	.1										70	70		
78/ 77		.2	2.4	3.9	4.1	1.4	1.3	.1										122	122		
76/ 75		.3	3.0	5.2	3.9	2.0	.8		.1									143	143	13	1
74/ 73	.1	.7	2.6	3.9	2.3	2.3	1.0	.1	.2									119	119	94	25
72/ 71	.1	1.4	1.9	2.1	2.6	1.9	.9	.2	.6									105	105	108	58
70/ 69		.8	.7	1.2	2.9	1.7	.9	.1	.1									75	75	146	100
68/ 67	.1	.1	.9	.8	1.4	1.7	.4	.4	.1	.2								54	54	96	91
66/ 65		1.4	1.2	1.2	1.7	.7	.2	.1										57	57	67	94
64/ 63		.4	.2	.3	1.4	.6	.2	.7	.1									41	41	75	86
62/ 61				.6	.3	.7	.4	.4	.1									27	27	69	80
60/ 59			.2	.4	.4	.3		.1	.1									15	15	49	53
58/ 57			.2	.2	.4	.3	.1											17	12	46	58
56/ 55				.2	.2	.1	.1											6	6	31	39
54/ 53				.1	.1		.1											3	3	21	39
52/ 51				.1		.2												3	3	17	40
50/ 49		.3			.1													4	4	21	31
48/ 47																				16	24
46/ 45																				2	8
44/ 43				.3														3	3	3	20
42/ 41																				2	8
40/ 39																				3	11
38/ 37																					7
36/ 35																					7
34/ 33																					9
32/ 31																					6
30/ 29																					2
28/ 27																					1
26/ 25																					1
TOTAL	.3	6.1	13.6	23.6	26.1	17.1	8.2	2.9	1.6	.2									899		899
																		899		899	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4284900	60864	67.7	13.526	899							
Dry Bulb	4704726	64782	72.1	6.378	899			72.9	49.5	7.0		90
Wet Bulb	3844778	58446	65.0	7.085	899			45.8	10.7			90
Dew Point	3357522	54278	60.4	9.464	899		1.0	27.5	2.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12804 — STATION
KSC SHUTTLE APT FL — STATION NAME
9-7 — YEARS
NOV — MONTH

PAGE 1 — 1600-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.1													1	1		
78/ 77				.2	.1	.2												10	10		
76/ 75		1.2	4.6	2.4	.1													75	75		
74/ 73		2.6	5.0	2.9	1.2	.2												107	107	33	7
72/ 71	.2	6.0	4.0	1.3	1.1													114	114	89	58
70/ 69	.1	3.3	5.2	2.0	2.0	1.2												135	135	122	97
68/ 67	.4	3.9	3.7	2.0	.6	.7	.1											102	102	96	89
66/ 65		3.9	2.2	.3	.7	.6												69	69	104	110
64/ 63	.3	3.0	1.3	1.4	.9	.2												60	60	93	79
62/ 61		1.8	1.3	1.1	1.0													47	47	80	80
60/ 59		1.1	1.3	1.0	.6	.2	.1											39	39	48	59
58/ 57		.7	.4	.3	.1		.1											21	21	43	40
56/ 55		.8	1.2	.4	.6	.3	.1											33	33	40	46
54/ 53		1.0		.4	.5													18	18	31	34
52/ 51		1.2	1.0	.2														22	22	25	30
50/ 49	.1	.6	.7	.4		.1												17	17	22	50
48/ 47		1.1	.1	.6														18	18	31	25
46/ 45		.3	.3															6	6	20	18
44/ 43		.2		.1														3	3	10	16
42/ 41		.1																1	1	6	17
40/ 39				.2														2	2	2	10
38/ 37		.2																2	2	1	11
36/ 35																				2	5
34/ 33																				2	4
32/ 31																					3
30/ 29																					1
28/ 27																					1
24/ 23																					1
22/ 21																					1
TOTAL	1.4	33.0	33.0	17.4	10.0	3.6	.4												900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5955015	72445	80.5	11.725	900							
Dry Bulb	4009233	59673	66.3	7.657	900			54.4	19.3			90
Wet Bulb	3577167	56285	62.5	7.974	900			34.0	3.3			90
Dew Point	3312258	53950	59.9	9.330	900		.7	25.1	.7			90

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

6694

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12BC8 — STATION
KSC SHUTTLE APT FL — STATION NAME
7-7 — YEARS
NOV — MONTH

PAGE 1
2100-2400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.0	.0		.1													11	11		
76/ 75		1.2	2.3	1.4	.4													47	47	5	1
74/ 73	.2	2.2	3.0	2.2	.3	.4												91	91	29	13
72/ 71	.2	5.7	3.0	1.1	1.0													106	106	56	47
70/ 69	.4	5.2	2.1	1.3	1.1	.4	.4											116	116	99	88
68/ 67	.1	4.0	4.1	1.2	.7	.2												98	98	99	74
66/ 65	.4	5.1	2.2	1.4	.9	.4												95	95	93	95
64/ 63	.2	4.2	.0	.3	.7	.3												57	57	119	92
62/ 61	.1	3.0	.0	.9	.2													43	43	67	81
60/ 59		2.1	.0	.3	.2	.2												33	33	55	71
58/ 57	.1	2.9	.2	.3	.2	.3												37	37	41	49
56/ 55	.1	1.4	.9	.3	.2	.2	.2											35	35	20	43
54/ 53	.1	1.3	.4	.3	.9	.1												32	32	17	40
52/ 51		1.0	.3	.1														20	20	21	30
50/ 49		1.3	.0	.2														19	19	29	31
48/ 47		.0	.2	.0														14	14	22	31
46/ 45		2.2	.4															24	24	29	21
44/ 43		.3	.1															8	8	25	27
42/ 41		.0	.1	.1														7	7	12	20
40/ 39		.2																2	2	5	10
38/ 37			.1	.3														4	4	2	17
36/ 35		.1																1	1	1	9
34/ 33																				1	3
32/ 31																				3	1
30/ 29																					3
22/ 21																					1
20/ 19																					2
TOTAL	2.1	47.3	24.2	12.4	9.0	3.2	.7												900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6344456	74768	83.1	12.166	900							
Dry Bulb	3829053	58197	64.7	8.558	900			46.9	14.9			90
Wet Bulb	3465494	55308	61.5	6.609	900		.3	29.8	3.4			90
Dew Point	3240488	53292	59.2	9.717	900		.7	22.2	1.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12838 STATION | KSC SHUTTLE APT FL STATION NAME | 0-7 YEARS | ANY MONTH

PAGE 1 | ALL 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					
86/ 85						.0	.0	.0											6	6		
84/ 83				.0	.1	.4	.4	.1											43	43		
82/ 81				.3	.7	.3	.3	.1	.0										124	124		
80/ 79			.4	.9	1.3	1.3	.3	.1											297	297		
78/ 77		.2	.8	1.2	1.9	.8	.7	.1		.0									413	413	2	
76/ 75	.1	.9	.2	2.2	1.5	.7	.3	.1	.1	.0									591	591	79	14
74/ 73	.4	2.2	2.6	2.4	1.1	1.2	.5	.1	.1										747	747	303	110
72/ 71	.2	3.0	2.5	1.9	1.6	.7	.4	.1	.1	.0									763	763	681	346
70/ 69	.4	3.0	2.3	1.3	1.0	1.0	.4	.1	.1										811	811	763	545
68/ 67	.3	3.4	2.3	1.0	.9	.4	.2	.1	.1	.0									664	664	623	718
66/ 65	.3	3.4	1.8	.9	.8	.5	.1	.1	.0										552	552	737	736
64/ 63	.3	3.0	.9	.7	.9	.4	.1	.1	.0	.0									421	421	782	706
62/ 61	.3	2.0	.5	.5	.3	.3	.1	.1	.1										316	316	550	571
60/ 59	.3	1.9	.8	.4	.3	.3	.1	.0	.0										276	276	429	505
58/ 57	.2	1.8	.4	.3	.3	.2	.0												236	236	366	437
56/ 55	.1	1.0	.3	.4	.3	.1	.1												179	179	299	377
54/ 53	.1	1.0	.5	.4	.2	.1	.0												178	178	204	296
52/ 51	.1	1.2	.3	.3	.1	.1													143	143	200	262
50/ 49	.1	.8	.4	.3	.1	.0													119	119	213	256
48/ 47	.1	.9	.2	.3	.0														103	103	168	192
46/ 45	.0	.7	.3	.2	.0														92	92	140	164
44/ 43		.6	.1	.1	.0														59	59	121	162
42/ 41	.1	.3	.0	.0	.0														30	30	75	146
40/ 39	.0	.1		.1															16	16	40	99
38/ 37		.1	.1	.1															13	13	11	80
36/ 35		.0	.1	.0															8	8	11	47
34/ 33			.0																2	2	11	52
32/ 31																					12	32
30/ 29																						12
28/ 27																						11
26/ 25																						7
24/ 23																						9
22/ 21																						3
20/ 19																						3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12805	KSC SHUTTLE APT FL	82-87	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
187 17																					1
TOTAL	2.	32.	9.	3.	14.	3	1.	4.	1.2	.5	.1								7199		7199
																		7199		7199	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	45058317	559109	77.7	15.072	7199							
Dry Bulb	33145015	484257	67.3	8.902	7199			445.7	221.8	30.3		720
Wet Bulb	28760691	451047	62.7	8.341	7199		1.2	283.0	46.4			720
Dew Point	26220237	428915	59.6	9.616	7199		7.8	193.3	12.4			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12H08 — STATION
KSC SHUTTLE APT FL — STATION NAME
9-7 — YEARS
DEC — 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
76/ 75			.1															1	1		
74/ 73		1.8	.8	.3		.1												28	28	6	3
72/ 71	.3	2.9	.3	1.1	.4													49	49	27	23
70/ 69	.4	4.9	2.5	1.1	.4	.2												93	93	46	30
68/ 67	.8	4.4	2.9	1.9	1.0	.2												103	103	64	59
66/ 65	.5	4.6	1.9	.6	.3	.1												81	81	83	58
64/ 63	.9	3.9	.6	1.5	.4	.2												73	73	97	82
62/ 61	.4	3.5	.9	.6	.4													55	55	67	73
60/ 59	.4	4.7	.9	.5	.1	.1												63	63	77	69
58/ 57	.1	4.4	1.2		.2													55	55	66	75
56/ 55	.1	3.1	.9	.1														41	41	67	60
54/ 53	.0	3.1	.3	.8														47	47	51	65
52/ 51	.2	3.5	.0	.6														47	47	39	50
50/ 49		1.9	.3	.3	.4													26	26	43	48
48/ 47	.1	1.6	.5	.9	.3													34	34	26	34
46/ 45	.2	2.5	.5	.6	.2													38	38	26	28
44/ 43	.1	1.2	.0	.8	.1													26	26	31	29
42/ 41		1.0	1.1	.2	.1													28	28	31	27
40/ 39	.3	.4	.3	.1														11	11	27	18
38/ 37	.1	.5	.1	.2														12	12	24	18
36/ 35	.2	.5																7	7	10	16
34/ 33	.2	.9																10	10	14	19
32/ 31	.1	.1																2	2	9	29
30/ 29																					7
28/ 27																					5
26/ 25																					3
24/ 23																					2
TOTAL	7.1	56.0	18.2	12.3	5.5	1.0													930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6964532	79728	85.7	11.808	930							
Dry Bulb	3340744	54970	59.1	9.930	930		.2	27.4	2.9			93
Wet Bulb	3072873	52661	56.6	9.895	930		.8	14.3	.6			93
Dew Point	2889915	50853	54.7	10.844	930		4.6	11.5	.2			93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12864 STATION | KSC SHUTTLE APT FL STATION NAME | 67-72 YEARS | DEC 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
74/ 73		1.3	.2	.2	.1													17	17	4	3
72/ 71	.2	1.0	.6	1.1	.2													35	35	14	9
70/ 69	1.3	4.0	2.0	1.4	.3	.2												94	94	38	33
68/ 67	.3	3.7	1.0	1.4	.2													72	72	60	51
66/ 65	1.1	5.1	2.3	.9	1.0	.1												96	96	83	72
64/ 63	1.1	5.1	.9	1.3	.4	.1												82	82	83	64
62/ 61	1.1	3.8	.6	.2	.4	.1												58	58	93	76
60/ 59	1.3	3.3	.6	.3														57	57	75	83
58/ 57	1.1	5.7	1.0	.4	.1													58	58	64	69
56/ 55	.9	4.9	.8	.3														64	64	59	64
54/ 53	.3	3.4	.5	.1	.2													46	46	57	66
52/ 51	.6	2.8	.3	.1														40	40	48	48
50/ 49	.4	2.9	.2															33	33	42	45
48/ 47	.1	2.0	.7	.4														32	32	33	37
46/ 45	.3	1.6	1.0	.5	.1													33	33	28	35
44/ 43		1.9	.4	.2	.2													35	35	29	33
42/ 41	.3	1.9	.4	.4														29	29	35	22
40/ 39	.4	1.0	1.2	.3														27	27	24	23
38/ 37	.1	.4	.8															11	11	28	18
36/ 35	.1	.2	.2	.1														6	6	17	21
34/ 33		.3																3	3	6	12
32/ 31	.1	.1																2	2	7	10
30/ 29																				1	23
28/ 27																					3
26/ 25																					5
24/ 23																					3
TOTAL	11.4	56.2	17.3	10.4	4.1	.5												930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7169016	80976	87.1	11.287	930							
Dry Bulb	3251750	54246	58.3	9.712	930		.2	21.8	1.7			93
Wet Bulb	3015593	52181	56.1	9.721	930		.8	11.8	.6			93
Dew Point	2855383	50571	54.4	10.655	930		4.4	9.6	.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 STATION | KSC SHUTTLE APT FL STATION NAME | 9-7 YEARS | DEC MONTH

PAGE 1 | 0600-0700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1													1	1		
76/ 75		.2																2	2		
74/ 73	.2	.0	.3	.5	.1													17	17	5	4
72/ 71	.2	2.3	1.1	.8	.1													41	41	14	11
70/ 69	.8	4.0	2.3	1.0	1.0													83	83	42	30
68/ 67	1.1	4.0	1.8	1.0	1.0													80	80	65	54
66/ 65	1.2	4.6	1.2	.9	.0													79	79	79	66
64/ 63	1.0	4.1	1.3	1.1	.3													78	78	82	77
62/ 61	1.4	4.0	.0	.4	.5	.1												66	66	78	69
60/ 59	1.5	5.1	.0		.1													68	68	67	79
58/ 57	1.1	4.5	.0	.4	.1													63	63	71	65
56/ 55	.1	3.5	.9	.2														51	51	56	68
54/ 53	.5	2.7	.8	.3														40	40	51	49
52/ 51	.3	2.4	1.5	.4														41	41	39	44
50/ 49	.3	3.3	.4	.1														39	39	36	35
48/ 47	.2	1.9	.2	.2	.1													25	25	49	38
46/ 45	.1	2.0	1.3	.5														37	37	27	33
44/ 43	.2	1.5	.7	.9	.2													33	33	26	41
42/ 41		1.1	.9	.3	.1													22	22	31	15
40/ 39	.2	1.4	.8	1.0														31	31	22	23
38/ 37	.1	.8	.2	.2														11	11	27	21
36/ 35	.2	.8	.3															12	12	20	15
34/ 33	.4	.2	.1															7	7	19	25
32/ 31	.1	.2																3	3	6	11
30/ 29																				2	13
28/ 27																					9
26/ 25																					13
24/ 23																					2
TOTAL	12.7	55.1	17.8	9.9	4.4	.1												930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7190399	81073	87.2	11.499	930							
Dry Bulb	3233033	54041	58.1	9.994	930		.3	22.4	2.0			93
Wet Bulb	3002820	52008	55.9	10.080	930		.8	12.6	.5			93
Dew Point	2846951	50401	54.2	11.150	930		4.8	9.9	.4			93

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

5897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12809 (STATION) KSC SHUTTLE APT FL (STATION NAME) 73-76 (YEARS) DEC (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
82/ 81				.4	.1													5	5		
80/ 79			.2	1.1	.4	.2												18	18		
78/ 77			1.3	1.2	1.2	.1	.1											36	36		
76/ 75		.9	1.2	3.1	1.0	1.7	.4											77	77	9	
74/ 73	.1	.8	2.4	2.0	2.3	.9	.2	.1										81	81	37	19
72/ 71		2.7	3.2	1.4	2.3	1.2	.2											105	105	50	30
70/ 69	.5	2.3	4.0	2.0	1.4	.9	.5											108	108	88	59
68/ 67	.3	2.6	2.3	1.2	1.4	.6	.2	.1										83	83	90	67
66/ 65	.4	2.3	1.2	1.5	1.0	.4	.2	.2										67	67	126	98
64/ 63	.1	1.7	1.1	1.4	1.3	.2	.1	.1										58	58	34	71
62/ 61	.1	1.6	.3	1.5	1.0	.3	.2	.1	.1									51	51	64	76
60/ 59	.1	1.1	1.7	.3	.9	.2		.1										41	41	58	79
58/ 57	.2	1.2	.6	.5	.4	.4	.3	.1										36	36	54	52
56/ 55		1.3	1.5	1.2	.6	.5												44	44	54	52
54/ 53		.2	.6	1.1	.4	.2	.1											26	26	34	46
52/ 51	.1	.4	.3	.6	.5	.2												25	25	32	46
50/ 49		.1	.5	1.3	.3	.2												23	23	33	32
48/ 47		.1	.3	1.0	.4	.2												21	21	26	32
46/ 45			.1	.3	.2	.1												7	7	21	27
44/ 43			.3	.3	.4													12	12	26	22
42/ 41			.1	.2														4	4	15	14
40/ 39			.1															1	1	12	21
38/ 37			.1															1	1	9	16
36/ 35																				8	17
34/ 33																					10
32/ 31																					12
30/ 29																					13
28/ 27																					6
26/ 25																					3
24/ 23																					3
22/ 21																					2
20/ 19																					1
TOTAL	2.0	19.1	24.7	24.1	17.6	8.7	2.7	.9	.1									930	930		930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	5278997	68805	74.0	14.246	930							
Dry Bulb	4080320	61058	65.7	8.781	930			51.3	21.7	1.2		93
Wet Bulb	3492539	56359	60.6	9.111	930			27.4	4.6			93
Dew Point	3112878	52788	56.8	11.201	930		4.0	17.5	1.9			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12867 (STATION) KSC SHUTTLE APT FL (STATION NAME) 9-7, (YEARS) DEC (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
84/ 83				.1	.4	.2	.4											11	11		
82/ 81				.5	1.3	.4	.2	.1	.1									25	25		
80/ 79			.4	1.0	2.0	1.3	.4	.4	.1									59	59		
78/ 77			.6	1.0	4.4	1.1	1.2	.1										78	78	1	
76/ 75			.8	3.4	5.4	3.2	1.6	.3	.1									138	138	20	
74/ 73		.1	1.2	1.7	2.7	2.3	.9	.1										83	83	43	14
72/ 71		1.0	1.7	1.9	2.6	1.5	1.4	.2										99	99	48	33
70/ 69	.2	1.3	1.4	1.3	1.5	1.6	1.1	.4		.3								85	85	119	47
68/ 67		.4	1.3	.5	1.5	1.3	.3	.4	.3									62	62	110	75
66/ 65		.6	.6	.3	2.7	1.0	.6	.4	1.0	.1								69	69	106	82
64/ 63	.1	1.0	.2	.8	.6	.4	.3	.6	.1									39	39	81	80
62/ 61		.3		.5	1.3	.3	.1	.3										33	33	56	95
60/ 59		.4	.5	.1	2.0	.4	.1	.3	.2									41	41	70	70
58/ 57		.2		.6	1.2	.6	.2											29	29	44	56
56/ 55		.6	.1	.8	.3	.4	.4											27	27	33	36
54/ 53			.1	1.0	.5	.2	.1	.2	.1									21	21	42	53
52/ 51				.8	.5		.3	.1										16	16	43	48
50/ 49		.2		.4	.2	.2												10	10	30	32
48/ 47					.2	.2	.1											5	5	32	25
46/ 45																				24	26
44/ 43																				11	39
42/ 41																				6	17
40/ 39																				9	21
38/ 37																				2	22
36/ 35																					13
34/ 33																					8
32/ 31																					12
30/ 29																					7
28/ 27																					7
26/ 25																					4
24/ 23																					4
22/ 21																					1
20/ 19																					1
18/ 17																					2

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC 6838 C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 STATION | KSC SHUTTLE APT FL STATION NAME | 69-78 YEARS | DEC MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	6.2	9.2	17.4	31.9	17.7	10.0	4.8	2.0	.4								930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4040143	59825	64.3	14.366	930							
Dry Bulb	4550794	64700	69.6	7.944	930			64.0	39.4	5.8		93
Wet Bulb	3638984	57646	62.0	6.416	930			34.1	6.4			93
Dew Point	3080896	52504	56.5	11.207	930		3.8	16.9	1.4			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12HQ7 — STATION
KSC SHUTTLE APT FL — STATION NAME
79-7. — YEARS
DEC — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
85/ 85								.1										1	1		
84/ 83							.2											2	2		
82/ 81				.8	.4	.1	.3	.2	.1									18	18		
80/ 79			.1	.8	.5	.5	.2	.1		.1								22	22		
78/ 77			1.2	1.5	2.4	1.0	.3		.1									60	60	1	
76/ 75		.4	1.8	2.4	2.0	.8	.5	.1										78	78	11	1
74/ 73		.8	2.6	4.5	1.8	1.6	.6	.1										109	109	33	11
72/ 71		1.2	4.5	2.3	3.0	.4	.4	.1		.1								112	112	55	31
70/ 69		1.9	3.2	2.7	2.3	1.1	1.0	.1	.5	.1								120	120	98	53
68/ 67		1.0	2.2	1.2	1.4	1.3	.1	.2	.3	.4								75	75	133	87
66/ 65		.9	1.1	1.3	1.0	.5	.3	.1	.4									64	64	88	85
64/ 63		1.1	.6	1.7	.9	.8	.2	.2	.1									52	52	96	82
62/ 61		.6	.3	1.4	1.1	.1	.5	.1	.2									43	43	54	86
60/ 59		1.0	.5	1.2	1.6	1.1	.9	.1	.1									60	60	61	69
58/ 57		.2	.3	.6	1.3	.6	.2		.1									33	33	55	54
56/ 55		.2	.1	1.0	1.2	.2	.2	.2	.2									31	31	46	40
54/ 53		.1		1.0	.4	.2	.1	.2										19	19	35	53
52/ 51		.1		.4	.5	.2	.1											13	13	36	36
50/ 49			.1	.3	.2	.4												10	10	45	39
48/ 47			.2		.2													4	4	37	26
46/ 45		.1			.1													2	2	11	21
44/ 43		.2																2	2	15	25
42/ 41																				11	25
40/ 39																				9	30
38/ 37																					22
36/ 35																					11
34/ 33																					11
32/ 31																					10
30/ 29																					7
28/ 27																					5
26/ 25																					3
24/ 23																					2
22/ 21																					2
20/ 19																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

6099

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-72 (YEARS) DEC (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
18/ 17																					1
16/ 15																					1
TOTAL		9.	71	8.	9	25.	3	23.	3	11.	2	6.6	2.0	2.3	.8				930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4569802	63640	68.4	15.210	930			59.7	29.0	3.3		93
Dry Bulb	4361923	63307	68.1	7.516	930			33.1	4.5			93
Wet Bulb	3591397	57277	61.6	8.288	930							
Dew Point	3107506	52744	56.7	11.183	930		3.2	18.3	1.2			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 — STATION
KSC SHUTTLE APT FL — STATION NAME
[illegible] — YEARS
DEC — 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
80/ 79					.1													1	1		
78/ 77					.2													2	2		
76/ 75		1.0	.0	.5	.3													23	23		
74/ 73		2.3	.6	.5	.3													35	35	14	7
72/ 71	.2	3.1	3.3	1.2	.3													80	80	40	21
70/ 69	.9	6.0	3.3	2.4	1.3													125	125	53	30
68/ 67	.1	5.9	3.1	1.4	.3	.2												103	103	107	79
66/ 65	.4	5.0	2.9	.9	1.1													95	95	99	97
64/ 63	.3	4.0	1.8	1.0	1.1	.1	.1											78	78	111	65
62/ 61	.1	3.0	1.2	1.3	.0	.2	.3											63	63	71	90
60/ 59	.1	2.4	1.0	1.0	.5	.3												49	49	69	78
58/ 57		1.8	.8	.3	.9		.1											36	36	61	55
56/ 55		2.3	1.1	.5	.3													39	39	39	39
54/ 53		1.4	1.1	.9	.6	.1												38	38	42	44
52/ 51		1.4	1.0	.8	.5													34	34	32	39
50/ 49		1.3	1.2	.5	.4	.1												33	33	43	37
48/ 47		.9	.4	.6														18	18	28	30
46/ 45		.4	.2	.3	.2													11	11	32	32
44/ 43		1.9	.4	1.0	.2													33	33	25	18
42/ 41		.4	.3	.1														9	9	21	35
40/ 39		1.2	.2															13	13	18	27
38/ 37		.8	.1															8	8	22	17
36/ 35		.4																2	2	8	20
34/ 33	.1																	1	1	2	15
32/ 31																					13
30/ 29																					5
28/ 27																					5
26/ 25																					2
TOTAL	1.4	46.7	25.2	15.2	9.5	1.1	.5											928	928	928	928

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	6370071	76065	82.0	12.080	928							
Dry Bulb	3648875	57575	62.0	9.102	928			37.0	6.1			93
Wet Bulb	3292080	54580	58.8	9.404	928			21.4	1.4			93
Dew Point	3048787	52241	56.3	10.790	928		2.5	15.7	.7			93

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

6100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12802 — STATION
KSC SHUTTLE APT FL — STATION NAME
0-7 — YEARS
DEC — MONTH

PAGE 1
2100-2400 — 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
76/ 75		.2	.4	.4														10	10		
74/ 73		1.5	1.0	.4														27	27	7	3
72/ 71	.4	3.2	2.9	1.1	.4													75	75	39	21
70/ 69	.9	5.3	2.3	1.9	1.4													111	111	60	51
68/ 67	.3	5.0	3.2	1.1	.8	.1												97	97	82	72
66/ 65	.8	3.8	2.4	.3	1.3	.2												80	80	73	68
64/ 63	.2	4.3	1.4	1.0	.8	.2												73	73	100	65
62/ 61	.4	3.2	1.1	.8	.3	.2												58	58	74	82
60/ 59	.4	4.2	1.4	1.0	.6													71	71	70	88
58/ 57	.1	2.3	1.2	.1	.2													36	36	68	64
56/ 55	.3	2.3	1.1	.3	.1	.1												39	39	50	39
54/ 53	.2	1.7	.6	.1			.1											27	27	43	36
52/ 51		2.6	.9	.6	.4	.2												43	43	38	37
50/ 49		1.3	.6	.6	.4	.1												30	30	30	45
48/ 47	.1	1.8	.9	.4	.4	.1												35	35	19	29
46/ 45	.1	1.2	.4	.4	.1													27	27	30	32
44/ 43		1.0	.3	.3	.1													21	21	37	25
42/ 41		1.4	.5	.1														19	19	24	21
40/ 39		1.2	.2															13	13	27	21
38/ 37	.1	.6	.2															9	9	23	22
36/ 35	.2	.9	.1															11	11	13	19
34/ 33		.9																8	8	9	21
32/ 31	.1	.4																5	5	6	19
30/ 29		.1																1	1	4	18
28/ 27																					6
26/ 25																					2
TOTAL	4.8	51.6	23.4	11.4	7.5	1.3	.1											926	926	926	926

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6702906	77998	84.2	12.261	926							
Dry Bulb	3446314	59708	60.2	10.131	926		.6	32.1	3.7			93
Wet Bulb	3149211	53139	57.4	10.177	926		1.0	18.9	.7			93
Dew Point	2938454	51108	55.2	11.280	926		4.5	14.8	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1286 STATION | KSC SEATTLE APT FL STATION NAME | -7 YEARS | DEC MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.0										1	1		
84/ 83				.0	.1	.0	.1											13	13		
82/ 81				.2	.2	.1	.1	.0	.0									49	48		
80/ 79			.1	.4	.4	.3	.1	.1	.0	.0								100	100		
78/ 77			.4	.9	1.0	.3	.2	.0	.0									177	177	2	
76/ 75		.4	.6	1.2	1.4	.7	.3	.1	.0									329	329	40	1
74/ 73	.1	1.1	1.1	1.3	.9	.6	.2	.0										397	397	151	64
72/ 71	.2	2.2	2.3	1.3	1.2	.4	.3	.0		.0								596	596	267	179
70/ 69	.0	3.8	2.7	1.7	1.1	.5	.3	.1	.1	.1								819	819	544	353
68/ 67	.1	3.4	2.3	1.2	1.0	.3	.1	.1	.1	.1								675	675	711	544
66/ 65	.3	3.3	1.7	.9	1.3	.3	.2	.1	.2	.0								631	631	737	626
64/ 63	.3	3.1	1.0	1.2	.6	.3	.1	.1	.0									533	533	734	586
62/ 61	.4	2.3	.7	.8	.7	.2	.1	.1	.0									427	427	557	659
60/ 59	.3	2.8	.9	.6	.7	.3	.1	.1	.0									450	450	558	615
58/ 57	.3	2.3	.7	.4	.6	.2	.1	.0	.0									345	346	483	510
56/ 55	.3	2.3	.8	.6	.3	.2	.1	.0	.0									336	336	404	398
54/ 53	.2	1.6	.6	.6	.3	.1	.1	.1	.0									264	264	355	434
52/ 51	.4	1.7	.7	.3	.3	.1	.1	.0										259	259	307	348
50/ 49	.1	1.4	.4	.5	.2	.1												204	204	302	313
48/ 47	.1	1.0	.5	.4	.2	.1	.0											174	174	245	251
46/ 45	.1	1.1	.4	.3	.1	.0												155	155	199	234
44/ 43	.0	1.0	.4	.6	.2													162	162	200	232
42/ 41	.0	.8	.4	.2	.0													110	110	174	176
40/ 39	.1	.6	.3	.4														96	96	143	184
38/ 37	.1	.4	.2	.1														52	52	135	156
36/ 35	.1	.3	.1	.0														38	38	76	132
34/ 33	.1	.3	.0															29	29	50	121
32/ 31	.1	.1																12	12	27	116
30/ 29		.0																1	1	7	93
28/ 27																					46
26/ 25																					35
24/ 23																					16
22/ 21																					5
20/ 19																					3

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

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

6101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

128[illegible] KSC SHUTTLE APT FL 73-7[illegible] DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					3
16/ 15																					1
TOTAL	5.0	37.6	19.4	15.6	13.1	5.2	2.5	.9	.0	.1								7434	7434		7434
																		7434		7434	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	48291866	588110	79.1	15.414	7434							
Dry Bulb	29922753	465609	62.6	10.119	7434		1.3	315.8	106.6	10.3		744
Wet Bulb	26251497	435851	58.6	9.689	7434		3.4	173.6	19.3			744
Dew Point	23880710	413210	55.6	11.082	7434		31.8	114.2	6.5			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1266 STATION | KAC SEATTLE APT FL STATION NAME | 0-7 YEARS | ALL MONTH

PART I | 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
96/ 95								.0	.0	.0	.0							8	8		
94/ 93							.0	.0	.0	.0	.0	.0						46	46		
92/ 91						.0	.1	.1	.0	.0	.0	.0						179	179		
90/ 89					.0	.2	.3	.1	.0	.0	.0	.0	.0					600	600		
88/ 87				.0	.3	1.0	.3	.1	.0	.0	.0	.0						1856	1856		
86/ 85			.0	.0	2.1	1.3	.2	.1	.1	.0	.0	.0	.0					3842	3842		
84/ 83			.2	1.0	1.7	.7	.3	.1	.0	.0	.0	.0	.0					4194	4194	1	
82/ 81		.1	1.1	1.3	1.2	.0	.4	.1	.0	.0	.0	.0						4845	4845	26	
80/ 79	.0	.7	2.3	1.9	1.1	.0	.3	.2	.1	.0	.0	.0	.0					6684	6684	2199	67
78/ 77	.1	2.2	2.6	1.6	1.4	.5	.4	.1	.0	.0	.0	.0						7822	7822	6849	1617
76/ 75	.1	3.0	2.2	1.5	.9	.0	.3	.1	.1	.0	.0	.0	.0					8268	8268	9109	7191
74/ 73	.1	4.1	1.8	1.3	.0	.0	.3	.1	.0	.0	.0	.0						8023	8023	10923	10.96
72/ 71	.3	3.0	1.7	.8	.3	.4	.3	.1	.0	.0	.0							7010	7010	8619	10147
70/ 69	.4	3.0	1.3	.7	.7	.5	.4	.1	.0	.0	.0	.0						6249	6249	8304	9240
68/ 67	.3	2.3	1.2	.8	.3	.4	.1	.1	.0	.0	.0							4804	4804	6681	7.78
66/ 65	.3	2.3	.8	.6	.3	.2	.1	.1	.0	.0	.0							3998	3998	5721	6141
64/ 63	.2	1.8	.5	.4	.4	.2	.1	.1	.0	.0	.0	.0						3048	3048	5112	5522
62/ 61	.2	1.3	.4	.3	.3	.1	.1	.0	.0	.0	.0							2451	2451	3788	4458
60/ 59	.2	1.3	.4	.3	.2	.1	.1	.0	.0	.0	.0							2389	2389	3434	3809
58/ 57	.1	1.1	.4	.2	.2	.1	.1	.0	.0	.0								1971	1971	2859	3310
56/ 55	.1	1.0	.4	.3	.2	.1	.0	.0	.0	.0								1783	1783	2410	2938
54/ 53	.1	.7	.3	.2	.1	.1	.0	.0	.0									1439	1439	2042	2571
52/ 51	.0	.7	.3	.2	.1	.1	.0	.0	.0									1189	1189	1629	2223
50/ 49	.1	.5	.2	.2	.1	.0	.0	.0										1037	1037	1565	1872
48/ 47	.0	.5	.2	.2	.1	.0	.0	.0										932	932	1272	1611
46/ 45	.0	.3	.2	.1	.0	.0	.0		.0									813	813	1102	1341
44/ 43	.0	.4	.2	.1	.0	.0	.0											623	623	1017	1212
42/ 41	.0	.3	.1	.1	.0	.0	.0											457	457	803	1048
40/ 39	.0	.2	.1	.1	.0	.0												344	344	618	921
38/ 37	.0	.1	.1	.1	.0													262	262	467	754
36/ 35	.0	.1	.0	.0	.0													169	169	327	625
34/ 33	.0	.1	.0	.0	.0													133	133	267	510
32/ 31	.0	.1	.0	.0														85	85	187	520
30/ 29	.0	.0	.0	.0														37	37	88	372

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12802 STATION | KSC SEATTLE APT FL STATION NAME | 57- YEARS | ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (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	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27	.0	.0	.0															15	15	47	42
26/ 25		.0																3	3	25	166
24/ 23																				2	100
22/ 21																					95
20/ 19																					71
18/ 17																					54
16/ 15																					43
14/ 13																					21
12/ 11																					8
10/ 9																					2
8/ 7																					1
6/ 5																					2
-2/ -3																					1
TOTAL	2,431	19,916	113,7	6.6	4.2	1.7	.7	.3	.1	.0	.0							87608		87608	
																	87608		87608		

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	554504116	6849244	78.2	14.737	87608							
Dry Bulb	454252123	6238213	71.2	10.713	87608		14.0	6444.2	4637.8	1877.2	5.4	8760
Wet Bulb	395303103	5820151	66.4	9.935	87608		33.8	5286.9	2976.2	58.2		8760
Dew Point	365497723	5573023	63.6	11.193	87608	.1	170.3	4524.4	1967.4	1.1		8760

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

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12808 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-79 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	57.1	55.3	62.3	65.8	70.8	74.3	75.4	75.5	75.9	71.7	64.0	59.1	67.3
	S D	10.328	9.702	7.289	7.074	4.322	3.365	3.074	2.855	3.136	6.411	8.876	9.930	10.048
	TOTAL OBS	929	846	930	899	929	900	930	929	900	930	900	930	10952
03-05	MEAN	55.9	54.3	60.8	64.2	69.1	72.9	74.1	74.4	74.5	70.7	62.9	58.3	66.1
	S D	10.374	9.759	7.453	7.435	4.706	3.485	3.077	2.955	3.292	6.392	8.727	9.712	10.016
	TOTAL OBS	929	844	928	900	930	900	930	930	900	929	900	930	10950
06-08	MEAN	55.3	54.1	61.5	66.7	72.7	76.9	77.9	77.5	76.5	71.8	63.2	58.1	67.8
	S D	10.729	10.089	7.701	7.128	4.955	4.254	4.205	4.160	4.008	6.280	8.548	9.994	11.248
	TOTAL OBS	930	846	928	900	930	900	930	930	900	930	900	930	10954
09-11	MEAN	62.8	62.7	70.2	74.9	79.7	83.3	84.7	84.5	83.5	78.4	71.0	65.7	75.2
	S D	10.770	8.926	6.619	4.932	3.250	3.173	2.832	2.557	2.620	4.375	7.332	8.781	10.134
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	67.2	66.8	73.6	77.4	81.1	84.4	85.9	85.8	84.8	80.1	74.0	69.6	77.6
	S D	10.072	8.697	6.676	5.261	3.995	3.707	3.579	2.855	2.772	4.064	6.636	7.944	9.124
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	66.2	65.9	72.3	76.1	79.3	82.3	83.8	83.6	82.9	78.2	72.1	68.1	76.0
	S D	9.380	8.216	6.360	5.191	4.038	4.056	4.044	3.697	3.029	3.781	6.378	7.516	8.721
	TOTAL OBS	930	846	929	899	930	900	930	930	900	930	899	930	10953
18-20	MEAN	60.7	60.0	66.9	70.9	75.1	78.4	79.7	79.5	78.9	73.9	66.3	62.0	71.1
	S D	9.418	8.620	6.474	5.338	3.564	3.556	3.368	3.039	2.483	4.702	7.657	9.102	9.480
	TOTAL OBS	929	846	925	898	927	900	930	929	900	930	900	928	10942
21-23	MEAN	58.4	56.6	64.0	67.6	72.4	75.9	76.8	76.8	77.1	72.5	64.7	60.2	68.6
	S D	10.284	9.810	7.018	6.709	3.902	3.121	2.955	2.693	2.654	5.949	8.558	10.131	9.975
	TOTAL OBS	930	846	927	900	927	900	930	930	899	930	900	926	10945
ALL HOURS	MEAN	60.4	59.5	66.5	70.5	75.0	78.6	79.8	79.7	79.3	74.7	67.3	62.6	71.2
	S D	11.039	10.433	8.420	7.828	5.899	5.406	5.434	5.172	4.768	6.353	8.902	10.119	10.713
	TOTAL OBS	7437	6766	7427	7198	7433	7200	7440	7438	7199	7439	7199	7434	82408

USAFETAC FORM JUL 84 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-79 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	54.9	53.0	59.5	62.3	67.8	72.1	73.3	73.6	73.3	68.0	61.1	56.6	64.7
	S D	10.761	9.928	7.743	7.113	4.482	2.745	2.479	2.251	2.411	6.062	8.823	9.895	10.087
	TOTAL OBS	929	846	930	899	929	900	930	929	900	930	900	930	10952
03-05	MEAN	54.0	52.3	58.6	61.5	66.9	71.2	72.4	72.8	72.5	67.4	60.3	56.1	63.9
	S D	10.829	10.037	7.880	7.389	4.773	3.036	2.639	2.441	2.649	6.051	8.777	9.721	10.115
	TOTAL OBS	929	844	928	900	930	900	930	930	900	929	900	930	10950
06-08	MEAN	53.4	52.1	59.0	63.0	69.0	73.6	74.8	74.7	73.8	68.2	60.6	55.9	64.9
	S D	11.164	10.389	8.124	6.907	4.490	2.928	2.829	2.791	2.876	5.893	8.600	10.080	10.833
	TOTAL OBS	930	846	928	900	930	900	930	930	900	930	900	930	10954
09-11	MEAN	58.3	57.2	63.1	66.1	71.2	75.5	77.1	77.4	76.5	71.1	64.7	60.6	68.3
	S D	11.231	9.365	7.334	5.636	3.702	2.127	1.803	1.643	2.028	4.802	7.600	9.111	9.613
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	59.9	58.6	64.0	66.7	71.6	75.9	77.2	77.6	76.8	71.4	65.6	62.0	69.0
	S D	10.394	8.854	7.003	5.584	3.854	2.198	1.982	1.752	1.959	4.777	7.095	8.416	9.037
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	59.5	58.3	63.7	66.4	71.2	75.3	76.7	76.9	76.2	70.9	65.0	61.6	68.5
	S D	9.947	8.524	6.746	5.471	3.763	2.361	2.172	1.994	1.974	4.525	7.085	8.288	8.854
	TOTAL OBS	930	846	929	899	930	900	930	930	900	930	899	930	10953
18-20	MEAN	57.2	56.1	62.0	65.1	69.9	74.0	75.3	75.4	74.7	69.1	62.5	58.8	66.7
	S D	10.291	9.031	7.034	5.899	3.860	2.346	2.139	1.935	1.929	5.087	7.974	9.404	9.425
	TOTAL OBS	929	846	925	898	927	900	930	929	900	930	900	928	10942
21-23	MEAN	55.7	53.8	60.7	63.4	68.8	72.9	74.1	74.3	73.9	68.4	61.5	57.4	65.5
	S D	10.803	10.016	7.589	6.883	4.164	2.393	2.220	1.995	2.105	5.803	8.609	10.177	9.991
	TOTAL OBS	930	846	927	900	927	900	930	930	899	930	900	926	10965
ALL HOURS	MEAN	56.6	55.2	61.3	64.3	69.6	73.8	75.1	75.3	74.7	69.3	62.7	58.6	66.4
	S D	10.930	9.857	7.715	6.668	4.455	2.995	2.844	2.717	2.713	5.603	8.341	9.689	9.935
	TOTAL OBS	7437	6766	7427	7196	7433	7200	7440	7438	7199	7439	7199	7434	87608

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-79 (YEARS)

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	52.9	50.9	57.4	60.0	66.2	71.1	72.5	72.8	72.3	66.0	59.0	54.7	63.1
	S D	12.954	11.118	9.069	8.025	5.227	2.785	2.524	2.280	2.519	6.749	9.798	10.844	11.022
	TOTAL OBS	929	846	930	899	929	900	930	929	900	930	900	930	10952
03-05	MEAN	52.2	50.5	56.8	59.6	65.6	70.4	71.8	72.2	71.7	65.6	58.5	54.4	62.5
	S D	12.445	11.312	9.110	8.175	5.291	3.059	2.711	2.472	2.721	6.701	9.801	10.655	11.023
	TOTAL OBS	929	844	928	900	930	900	930	930	900	929	900	930	10950
06-08	MEAN	51.7	50.2	57.1	60.6	67.0	72.2	73.5	73.6	72.8	66.2	58.8	54.2	63.2
	S D	12.770	11.703	9.468	7.882	5.143	2.869	2.670	2.592	2.773	6.648	9.643	11.150	11.605
	TOTAL OBS	930	846	928	900	930	900	930	930	900	930	900	930	10954
09-11	MEAN	54.4	52.4	58.1	60.6	66.9	72.2	73.9	74.5	73.6	67.2	60.6	56.8	64.3
	S D	13.877	12.079	9.964	8.030	5.328	2.599	2.227	2.050	2.548	6.368	9.530	11.201	11.268
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	54.0	51.9	57.5	60.2	66.8	72.3	73.7	74.3	73.5	66.9	60.2	56.5	64.0
	S D	13.790	11.991	9.911	8.150	5.626	2.730	2.455	2.224	2.501	6.734	9.430	11.207	11.378
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	54.1	51.9	57.8	60.4	67.1	72.3	73.8	74.1	73.3	66.9	60.4	56.7	64.1
	S D	13.503	11.759	9.750	8.170	5.437	2.797	2.385	2.213	2.392	6.365	9.464	11.183	11.235
	TOTAL OBS	930	846	929	899	930	900	930	930	900	930	899	930	10953
18-20	MEAN	54.2	52.6	58.5	61.2	67.1	72.0	73.6	73.8	73.0	66.5	59.9	56.3	64.1
	S D	12.695	11.074	9.241	7.786	5.375	2.652	2.260	2.094	2.317	6.295	9.330	10.790	10.809
	TOTAL OBS	929	846	925	898	927	900	930	929	900	930	900	928	10942
21-23	MEAN	53.3	51.4	58.3	60.6	66.8	71.5	73.0	73.2	72.6	66.0	59.2	55.2	63.5
	S D	12.563	11.381	9.117	8.081	5.152	2.607	2.341	2.139	2.434	6.699	9.717	11.280	11.055
	TOTAL OBS	930	846	927	900	927	900	930	930	899	930	900	926	10945
ALL HOURS	MEAN	53.3	51.5	57.7	60.4	66.7	71.7	73.2	73.6	72.9	66.4	59.6	55.6	63.6
	S D	13.041	11.581	9.471	8.048	5.344	2.836	2.544	2.376	2.599	6.590	9.616	11.082	11.193
	TOTAL OBS	7437	6766	7427	7196	7433	7200	7440	7428	7199	7439	7199	7434	87608

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 (STATION) KSC SHUTTLE ApT FL (STATION NAME) 70-79 (PERIOD) JAN (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%		
JAN	00-02	100.0	100.0	100.0	99.9	98.6	94.3	86.7	74.7	46.7	86.2	929
	03-05	100.0	100.0	100.0	99.7	98.7	95.5	88.8	77.0	53.5	87.6	929
	06-08	100.0	100.0	100.0	100.0	98.9	96.2	88.0	77.8	54.6	87.9	930
	09-11	100.0	100.0	99.1	97.7	93.0	81.7	66.3	40.8	15.6	75.0	930
	12-14	100.0	99.7	96.3	91.8	84.0	64.3	33.4	13.8	4.1	64.3	930
	15-17	100.0	99.4	96.2	92.5	83.8	67.2	45.4	21.7	4.2	66.8	930
	18-20	100.0	99.9	99.6	98.3	95.3	88.3	77.3	60.8	23.4	80.2	929
	21-23	100.0	100.0	99.9	99.6	96.7	92.3	83.3	68.6	39.8	83.8	930
TOTALS		100.0	99.9	98.9	97.4	93.6	85.0	71.2	54.4	30.2	79.0	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (PERIOD) FEB (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%		
FEB	00-02	100.0	100.0	100.0	99.6	99.2	95.9	86.9	73.8	43.6	85.6	846
	03-05	100.0	100.0	100.0	99.5	98.9	96.4	90.9	78.1	50.6	87.2	844
	06-08	100.0	100.0	100.0	99.8	98.8	96.1	91.0	76.7	47.6	87.0	846
	09-11	100.0	100.0	99.3	96.3	87.9	72.9	51.7	28.7	10.4	70.4	846
	12-14	100.0	100.0	97.6	89.8	74.3	48.0	24.7	11.3	3.7	60.4	846
	15-17	100.0	99.8	97.4	90.1	74.5	54.4	34.0	16.9	3.9	62.6	846
	18-20	100.0	100.0	99.5	98.7	94.7	85.6	70.3	50.1	15.6	77.4	846
	21-23	100.0	100.0	100.0	99.6	98.6	93.0	83.0	67.0	33.5	83.2	846
TOTALS		100.0	100.0	99.2	96.7	90.9	80.3	66.6	50.3	26.1	76.7	6766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 (STATION) KSC SHUTTLE ApT FL (STATION NAME) 70-79 (PERIOD) MAR (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%		
MAR	00-02	100.0	100.0	100.0	99.8	98.8	94.4	85.7	71.9	34.6	84.3	930
	03-05	100.0	100.0	100.0	99.8	99.4	96.1	89.1	76.9	50.6	87.2	928
	06-08	100.0	100.0	100.0	100.0	99.0	94.0	86.1	74.9	47.4	86.1	928
	09-11	100.0	100.0	99.4	94.9	86.8	64.4	42.3	19.7	3.3	66.6	930
	12-14	100.0	99.9	98.1	89.2	71.5	44.1	20.5	5.6	2.0	58.5	930
	15-17	100.0	99.6	97.6	91.0	77.0	53.8	32.9	11.5	2.7	62.0	929
	18-20	100.0	100.0	99.4	97.8	93.4	83.2	66.6	46.5	11.0	75.5	925
	21-23	100.0	100.0	100.0	99.8	98.3	93.0	81.1	64.3	26.8	82.1	927
TOTALS		100.0	99.9	99.3	96.5	90.5	77.9	63.0	46.4	22.3	75.3	7427

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 70-79 (PERIOD) APR (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%		
APR	00-02	100.0	100.0	100.0	100.0	99.1	94.7	81.5	65.5	23.0	82.1	899
	03-05	100.0	100.0	100.0	100.0	99.0	95.3	86.6	75.2	40.0	85.3	900
	06-08	100.0	100.0	100.0	100.0	98.1	89.8	78.2	63.9	30.1	81.5	900
	09-11	100.0	100.0	99.1	94.8	81.8	52.7	27.6	8.6	1.6	62.2	900
	12-14	100.0	100.0	98.1	90.9	66.6	34.9	13.8	4.2	1.7	56.7	900
	15-17	100.0	99.9	97.9	91.1	73.2	47.1	24.8	6.6	2.0	59.7	899
	18-20	100.0	100.0	99.8	98.6	94.3	79.4	57.6	35.4	5.5	72.5	898
	21-23	100.0	100.0	99.9	99.7	98.9	91.8	73.4	53.9	13.0	79.0	900
TOTALS		100.0	100.0	99.4	96.9	88.9	73.2	55.4	39.2	14.6	72.4	7196

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 (STATION) KSC SHUTTLE ApT FL (STATION NAME) 70-79 (PERIOD) MAY (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%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	98.4	92.6	75.2	34.2	85.7	929
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	95.2	85.7	48.6	88.6	930
	06-08	100.0	100.0	100.0	100.0	99.7	96.6	84.6	64.4	25.6	82.9	930
	09-11	100.0	100.0	100.0	99.0	91.7	66.9	33.2	6.7	.8	65.5	930
	12-14	100.0	100.0	99.6	96.5	87.3	54.4	22.5	6.3	1.5	62.6	930
	15-17	100.0	100.0	99.6	97.5	91.5	71.2	39.6	13.5	4.4	67.4	930
	18-20	100.0	100.0	99.8	99.2	97.5	91.2	73.8	43.5	9.0	76.7	927
	21-23	100.0	100.0	100.0	100.0	99.7	97.0	87.2	64.9	21.8	82.8	927
TOTALS		100.0	100.0	99.9	99.0	95.9	84.3	66.1	45.0	18.2	76.5	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (PERIOD) JUN (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%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.3	92.9	42.8	89.4	900
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.8	61.6	91.7	900
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	94.7	70.6	30.1	85.5	900
	09-11	100.0	100.0	100.0	100.0	99.2	88.9	43.7	7.3	2.0	69.6	900
	12-14	100.0	100.0	100.0	99.8	96.7	79.9	32.1	6.8	2.0	67.3	900
	15-17	100.0	100.0	100.0	99.9	98.2	88.6	56.3	17.7	5.4	72.3	900
	18-20	100.0	100.0	100.0	100.0	99.9	97.4	89.8	52.0	13.8	80.9	900
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.8	78.3	27.4	86.2	900
TOTALS		100.0	100.0	100.0	100.0	99.3	94.3	76.7	52.7	23.1	80.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 KSC SHUTTLE APT FL | 69-78 | JUL
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%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.7	95.4	47.2	90.5	930
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.6	98.1	64.8	92.5	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	96.1	75.5	33.0	86.4	930
	09-11	100.0	100.0	100.0	100.0	99.6	92.5	47.3	8.1	1.2	70.4	930
	12-14	100.0	100.0	100.0	99.9	97.2	81.1	31.8	7.8	1.4	67.3	930
	15-17	100.0	100.0	100.0	100.0	98.6	91.3	54.3	18.0	4.4	72.3	930
	18-20	100.0	100.0	100.0	100.0	100.0	99.1	91.8	58.0	12.6	81.7	930
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	88.6	31.8	88.0	930
TOTALS		100.0	100.0	100.0	100.0	99.5	95.5	77.4	56.2	24.6	81.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (PERIOD) AUG (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%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.6	51.6	91.0	929
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3	64.5	92.6	930
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.2	79.5	40.9	87.9	930
	09-11	100.0	100.0	100.0	100.0	100.0	96.2	53.9	9.9	.8	71.8	930
	12-14	100.0	100.0	100.0	99.9	99.2	89.6	33.5	5.8	2.3	68.7	930
	15-17	100.0	100.0	100.0	100.0	99.8	95.3	56.9	19.2	6.0	73.4	930
	18-20	100.0	100.0	100.0	100.0	100.0	99.5	94.5	61.9	15.0	82.8	929
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.8	88.3	36.0	88.5	930
TOTALS		100.0	100.0	100.0	100.0	99.9	97.6	79.6	57.2	27.1	82.1	7438

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 KSC SHUTTLE APT FL 69-78 SEP
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%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.4	88.6	38.3	88.7	900
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.4	92.1	54.7	90.8	900
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.6	82.2	40.7	88.2	900
	09-11	100.0	100.0	100.0	100.0	99.9	95.1	58.6	13.3	.9	72.4	900
	12-14	100.0	100.0	100.0	100.0	99.2	89.4	35.8	6.3	1.9	69.1	900
	15-17	100.0	100.0	100.0	100.0	99.9	94.7	58.6	16.3	3.2	73.0	900
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	95.8	57.1	9.8	82.0	900
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	78.4	23.7	85.9	899
TOTALS		100.0	100.0	100.0	100.0	99.9	97.4	80.6	54.3	21.7	81.3	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (PERIOD) OCT (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%		
OCT	00-02	100.0	100.0	100.0	100.0	99.9	94.4	82.6	63.0	31.4	82.8	930
	03-05	100.0	100.0	100.0	100.0	99.9	95.3	84.3	68.8	37.7	84.5	929
	06-08	100.0	100.0	100.0	100.0	99.4	94.8	82.2	62.9	35.5	83.3	930
	09-11	100.0	100.0	100.0	100.0	95.3	74.7	45.3	15.8	3.3	69.2	930
	12-14	100.0	100.0	99.9	98.1	89.6	60.5	30.6	8.8	2.9	64.9	930
	15-17	100.0	100.0	100.0	99.1	93.7	74.0	44.7	18.3	3.7	69.0	930
	18-20	100.0	100.0	100.0	100.0	99.5	92.8	75.8	45.3	10.9	78.0	930
	21-23	100.0	100.0	100.0	100.0	99.8	93.8	78.0	57.3	20.9	80.6	930
TOTALS		100.0	100.0	100.0	99.7	97.1	85.0	65.4	42.5	18.3	76.5	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 KSC SHUTTLE APT FL 69-78 NOV
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%		
NOV	00-02	100.0	100.0	100.0	100.0	98.6	93.9	83.6	71.1	36.8	84.3	900
	03-05	100.0	100.0	100.0	100.0	99.0	95.3	85.9	73.9	44.4	85.9	900
	06-08	100.0	100.0	100.0	100.0	99.7	96.6	86.7	73.6	46.1	86.1	900
	09-11	100.0	100.0	100.0	98.8	93.2	77.2	51.1	24.9	6.3	70.5	900
	12-14	100.0	100.0	99.3	95.2	85.3	56.4	27.7	8.7	1.9	63.2	900
	15-17	100.0	100.0	99.6	96.2	90.0	70.3	43.0	19.0	3.4	67.7	899
	18-20	100.0	100.0	100.0	99.8	98.7	92.2	79.8	60.8	16.9	80.5	900
	21-23	100.0	100.0	100.0	99.9	98.6	93.7	82.3	68.3	30.8	83.1	900
TOTALS		100.0	100.0	99.9	98.7	95.4	84.5	67.5	50.0	23.3	77.7	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-78 (PERIOD) DEC (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%		
DEC	00-02	100.0	100.0	100.0	100.0	99.7	95.8	85.1	71.9	46.7	85.7	930
	03-05	100.0	100.0	100.0	100.0	100.0	96.7	88.4	75.3	51.3	87.1	930
	06-08	100.0	100.0	100.0	100.0	99.8	96.8	87.8	74.5	51.5	87.2	930
	09-11	100.0	100.0	99.9	98.5	93.9	82.0	59.7	36.3	12.2	74.0	930
	12-14	100.0	100.0	98.6	93.4	86.0	61.4	31.0	13.5	4.1	64.3	930
	15-17	100.0	99.9	98.4	94.8	88.0	73.0	46.6	25.1	5.2	68.4	930
	18-20	100.0	100.0	100.0	99.9	98.6	93.4	80.6	62.2	24.7	82.0	928
	21-23	100.0	100.0	100.0	99.9	98.6	93.8	83.7	69.0	39.7	84.2	926
TOTALS		100.0	100.0	99.6	98.3	95.6	86.6	70.4	53.5	29.4	79.1	7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 KSC SHUTTLE ApT FL 69-79 ALL
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%		
JAN	ALL	100.0	99.9	98.9	97.4	93.6	85.0	71.2	54.4	30.2	79.0	7437
FEB		100.0	100.0	99.2	96.7	90.9	80.3	66.6	50.3	26.1	76.7	6766
MAR		100.0	99.9	99.3	96.5	90.5	77.9	63.0	46.4	22.3	75.3	7427
APR		100.0	100.0	99.4	96.9	88.9	73.2	55.4	39.2	14.6	72.4	7196
MAY		100.0	100.0	99.9	99.0	95.9	84.3	66.1	45.0	18.2	76.5	7433
JUN		100.0	100.0	100.0	100.0	99.3	94.3	76.7	52.7	23.1	80.4	7200
JUL		100.0	100.0	100.0	100.0	99.5	95.5	77.4	56.2	24.6	81.1	7440
AUG		100.0	100.0	100.0	100.0	99.9	97.6	79.6	57.2	27.1	82.1	7438
SEP		100.0	100.0	100.0	100.0	99.9	97.4	80.6	54.3	21.7	81.3	7199
OCT		100.0	100.0	100.0	99.7	97.1	85.0	65.4	42.5	18.3	76.5	7439
NOV		100.0	100.0	99.9	98.7	95.4	84.5	67.5	50.0	23.3	77.7	7199
DEC		100.0	100.0	99.6	98.3	95.6	86.6	70.4	53.5	29.4	79.1	7434
TOTALS		100.0	100.0	99.7	98.6	95.5	86.8	70.0	50.1	23.2	78.2	87608

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

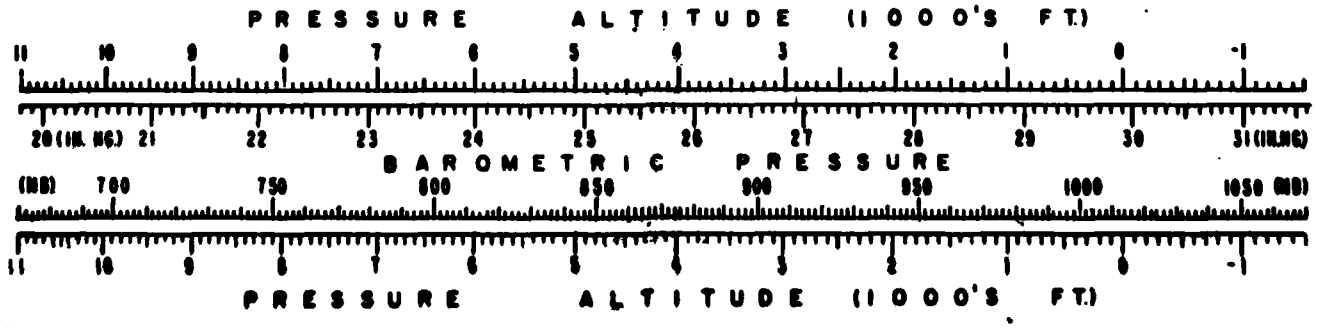
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	30.099	30.092	30.051	30.048	29.985	29.994	30.053	30.029	29.989	29.997	30.062	30.094	30.041
	S D	.146	.142	.139	.137	.102	.090	.062	.073	.075	.103	.116	.134	.120
	TOTAL OBS	308	282	310	300	310	300	310	310	300	310	300	310	3650
04	MEAN	30.088	30.072	30.025	30.029	29.966	29.973	30.032	30.004	29.967	29.978	30.049	30.081	30.022
	S D	.147	.141	.140	.135	.101	.088	.063	.073	.075	.103	.115	.133	.121
	TOTAL OBS	310	282	308	300	310	300	310	310	300	310	300	310	3650
07	MEAN	30.106	30.099	30.060	30.067	30.002	30.005	30.060	30.033	29.996	30.007	30.076	30.101	30.051
	S D	.146	.142	.140	.135	.100	.090	.062	.073	.076	.104	.116	.135	.120
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
10	MEAN	30.151	30.136	30.094	30.093	30.024	30.026	30.083	30.062	30.025	30.039	30.110	30.143	30.082
	S D	.147	.146	.143	.140	.105	.092	.064	.075	.078	.105	.118	.133	.124
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	30.102	30.101	30.065	30.069	30.003	30.011	30.068	30.045	30.000	30.003	30.064	30.093	30.052
	S D	.150	.149	.149	.146	.109	.093	.067	.077	.080	.108	.121	.139	.125
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	30.074	30.059	30.020	30.027	29.966	29.978	30.035	30.009	29.961	29.977	30.038	30.067	30.017
	S D	.151	.152	.152	.147	.109	.093	.067	.073	.079	.109	.123	.141	.126
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	30.096	30.082	30.029	30.033	29.970	29.985	30.040	30.013	29.973	29.996	30.060	30.091	30.031
	S D	.149	.177	.145	.144	.106	.091	.065	.072	.076	.106	.121	.139	.128
	TOTAL OBS	309	282	307	298	308	300	310	310	300	310	300	309	3643
22	MEAN	30.117	30.104	30.062	30.064	30.002	30.012	30.065	30.044	30.005	30.020	30.080	30.109	30.057
	S D	.147	.141	.138	.139	.101	.088	.063	.071	.077	.104	.118	.135	.120
	TOTAL OBS	310	282	309	300	309	300	310	310	300	310	300	308	3648
ALL HOURS	MEAN	30.104	30.093	30.051	30.054	29.990	29.998	30.054	30.030	29.989	30.002	30.067	30.097	30.044
	S D	.149	.150	.145	.142	.106	.092	.066	.076	.080	.107	.120	.137	.124
	TOTAL OBS	2477	2256	2474	2398	2476	2400	2480	2480	2400	2480	2400	2477	29198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12868 (STATION) KSC SHUTTLE APT FL (STATION NAME) 69-79 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1019.9	1019.6	1018.2	1018.2	1016.0	1016.3	1018.3	1017.5	1016.2	1016.4	1018.6	1019.7	1017.9
	S D	4.963	4.770	4.672	4.628	3.444	3.008	2.070	2.465	2.537	3.470	3.925	4.542	4.060
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	1019.5	1018.9	1017.4	1017.5	1015.4	1015.6	1017.6	1016.7	1015.4	1015.8	1018.2	1019.3	1017.3
	S D	5.004	4.755	4.717	4.541	3.393	2.957	2.095	2.459	2.538	3.464	3.883	4.516	4.078
	TOTAL OBS	310	282	308	300	310	300	310	310	300	310	300	310	3650
07	MEAN	1020.2	1019.9	1018.5	1018.8	1016.6	1016.7	1018.5	1017.6	1016.4	1016.8	1019.1	1020.0	1018.3
	S D	4.940	4.787	4.701	4.556	3.377	3.033	2.067	2.464	2.549	3.500	3.903	4.558	4.045
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	1021.7	1021.2	1019.7	1019.7	1017.3	1017.4	1019.3	1018.6	1017.4	1017.8	1020.3	1021.4	1019.3
	S D	4.980	4.925	4.830	4.730	3.547	3.077	2.145	2.504	2.630	3.564	4.008	4.522	4.192
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	1020.0	1019.9	1018.7	1018.9	1016.6	1016.9	1018.8	1018.0	1016.5	1016.6	1018.7	1019.7	1018.3
	S D	5.102	5.029	5.019	4.936	3.673	3.121	2.223	2.586	2.691	3.663	4.077	4.699	4.213
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1019.1	1018.5	1017.2	1017.4	1015.3	1015.8	1017.7	1016.8	1015.2	1015.7	1017.8	1018.8	1017.1
	S D	5.157	5.117	5.115	4.958	3.790	3.113	2.227	2.471	2.682	3.675	4.164	4.767	4.265
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
19	MEAN	1019.8	1019.1	1017.5	1017.7	1015.5	1016.0	1017.9	1017.0	1015.6	1016.4	1018.6	1019.6	1017.5
	S D	5.048	4.935	4.877	4.868	3.590	3.072	2.194	2.408	2.579	3.577	4.090	4.709	4.204
	TOTAL OBS	309	282	307	298	308	300	310	310	300	310	300	309	3663
22	MEAN	1020.5	1020.0	1018.6	1018.7	1016.6	1016.9	1018.7	1018.0	1016.7	1017.2	1019.2	1020.2	1018.5
	S D	4.985	4.797	4.657	4.673	3.418	2.965	2.088	2.398	2.599	3.507	4.005	4.616	4.060
	TOTAL OBS	307	282	309	300	309	300	310	310	300	310	300	308	3645
ALL HOURS	MEAN	1020.1	1019.6	1018.2	1018.4	1016.2	1016.5	1018.4	1017.5	1016.2	1016.6	1018.8	1019.8	1018.0
	S D	5.067	4.938	4.883	4.790	3.592	3.097	2.210	2.547	2.687	3.608	4.061	4.664	4.194
	TOTAL OBS	2476	2255	2474	2398	2477	2400	2480	2480	2400	2480	2400	2477	29197