USAFETAC/DS-79/016

AD A070148

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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

RANDOLPH AFB TEXAS/SAN ANTONIO WBAN# 12911
N 29 32 W 098 17 ELEV: 761 FT. KRND WMO#

PARTS A-F

POR FROM HOURLY OBS APR 38-AUG 39, OCT 39-FEB 46, MAY 46-AUG 75
POR FROM DAILY OBS APR 38-AUG 39, OCT 39-FEB 46, SEP 46-AUG 75

MAR 19 1976

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

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FOR THE COMMANDER

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Information Officer

DDC PROCESSING DATA

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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 Randolph AFB, San Antonio, Texas
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
Cumulat'ive percentage frequency of distribution tables

* Texas * Randolph AFB TX

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.

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

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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
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

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

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

S74-29958

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
12911	RANDOLPH AFB TEXAS/SAN ANTONIO	N29 32	W098 17	761	KRND	

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.	Randolph Field, San Antonio	AAF	Apr 38	May 48	N 29 32	W098 17	743	755	24
2.	Randolph AFB, Texas	AFB	Jun 48	Mar 53	same	same	same	same	24
3.	Same	same	Apr 53	AUG 75	same	same	761	743	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.	Apr 38	Located in Administration Bldg	Anemometer	none	20ft	
2.	Jun 48	Located at Weather Station	Selsyn	ML-144	43ft	
3.	Apr 53	Located in Base Weather Station	same	same	same	
4.	Apr 55	Located on top of station	same	same	65ft	
5.	Apr 58	Located in the East Tower	AN/GMQ 11	RO-2	95ft	
6.	Jun 60	Located approx. on the center and 800ft ENE of Rnwy 14L-32R.	same	same	13ft	

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	
7.	Jan 62	Dual Instrumented 1) Approx, centered on and 850ft ENE of centerline of Rnwy 14L-32R 2) Approx, centered on and 550ft WSW of centerline of Rnwy 14R-32L.	same same	same	same same	
8.	Apr 65	Dual Instrumented 1) Same 2) Located 550ft WSW of centerline and 2875ft SW of Rnwy 14R.	same same	same	same same	
9.	Jan 67	Triple Instrumented 1) Approx, 550ft ENE of centerline of Rnwy 32R and 1450ft from end of Rnwy 32R. 2) Approx, 600ft ENE of centerline of Rnwy 14L and 700ft from end of Rnwy 14C. 3) Located 550ft WSW of centerline and 2875ft SW of Rnwy 14R.	same same same	same	same same same	
10.	Oct 70	Triple Instrumented 1) Located 520ft ENE of centerline, 1330ft NE of end of Rnwy 32R. 2) Located 410ft ENE of centerline, 905ft SE of end of Rnwy 14L. 3) Located 520ft WSW of centerline, 2450ft SSW of end of Rnwy 14R.	same same same	same	same same same	
11.	Jan 71	Triple Instrumented 1) Same 2) Same 3) Same	AN/GMQ 20 AN/GMQ 20 AN/GMQ 11	RO-362 RO-2	same same same	
12.	AUG 75	1) Same 2) Same 3) Same	same same same	same same	same same same	

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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 are listed below:

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

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WEATHER CONDITIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	11.5	.6	.4		12.3	15.3	1.2		.4	16.5	27381
FEB		.3	12.1	.2	.3		12.6	14.6	.8		.7	15.9	24411
MAR		.4	7.5		.0	.0	7.5	10.0	1.6		1.3	12.6	25954
APR		1.3	8.0			.0	8.0	10.2	2.0		1.0	12.8	26408
MAY		2.0	5.6			.0	5.6	6.4	2.4		.2	8.4	27470
JUN		1.2	3.5				3.5	2.7	1.2		.0	3.6	26499
JUL		.8	2.2				2.2	1.3	.7		.0	1.9	27449
AUG		1.0	2.9				2.9	1.9	1.0		.0	2.5	27017
SEP		.8	5.3			.0	5.3	4.6	1.3			5.5	25833
OCT		.6	5.0			.0	5.0	6.1	1.2		.0	7.0	27413
NOV		.3	7.3	.0	.0		7.3	9.3	1.4		.1	10.5	26533
DEC		.2	9.8	.1	.1		9.9	13.4	.7		.4	14.3	27389
TOTALS		.8	6.7	.1	.1	.0	6.8	8.0	1.3		.3	9.3	319757

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WEATHER CONDITIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (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	.2	12.4	.9	.4		13.6	16.2	.6		.5	17.1	3416
	03-05	.2	14.1	1.1	.5		15.5	21.5	.5		.4	22.1	3423
	06-08	.1	14.3	.9	.5		15.6	25.5	1.1		.1	26.4	3425
	09-11	.1	12.9	.6	.5		13.8	20.9	2.3		.4	23.2	3424
	12-14	.1	9.9	.3	.4		10.6	10.5	2.1		.4	12.6	3418
	15-17	.2	8.6	.3	.3		9.1	7.6	1.0		.3	8.7	3431
	18-20	.2	8.7	.5	.1		9.2	8.6	.8		.4	9.4	3425
	21-23	.2	10.8	.5	.1		11.3	11.6	.8		.5	12.5	3419
TOTALS		.2	11.5	.6	.4		12.3	15.3	1.2		.4	16.5	27381

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WEATHER CONDITIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) FEB (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	.6	13.5	.2	.4		14.1	15.1	.0		.6	15.7	3053
	03-05	.7	15.9	.2	.6		16.7	20.2	.2		.8	21.1	3055
	06-08	.4	15.5	.3	.4		16.2	25.6	1.1		.8	27.3	3056
	09-11	.3	13.6	.4	.3		14.2	19.9	1.7		.8	22.2	3056
	12-14	.0	9.7	.1	.1		9.8	9.6	1.4		.6	11.4	3051
	15-17	.2	8.8	.1	.2		9.0	7.5	1.1		.8	9.2	3045
	18-20	.1	9.8	.1	.3		10.1	8.5	.7		.8	9.8	3044
	21-23	.4	10.3	.1	.3		10.6	10.0	.3		.6	10.8	3051
TOTALS		.3	12.1	.2	.3		12.6	14.6	.8		.7	15.9	24411

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIU (STATION NAME) 39-45,47-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.5	8.8		.0	.0	8.8	9.3	.9		1.4	11.3	3245
	03-05	.5	10.3		.1	.0	10.4	16.9	1.1		1.3	19.0	3240
	06-08	.2	11.2			.1	11.2	23.7	2.7		1.5	27.2	3241
	09-11	.3	9.2		.1		9.3	14.4	3.1		1.3	18.1	3248
	12-14	.4	6.1		.1	.0	6.2	5.6	1.8		1.1	8.3	3238
	15-17	.2	4.5				4.5	3.0	1.4		1.3	5.6	3247
	18-20	.4	4.6			.0	4.6	3.1	1.0		1.3	5.3	3246
	21-23	.4	5.3			.0	5.3	4.3	.9		1.2	6.3	3249
TOTALS		.4	7.5		.0	.0	7.5	10.0	1.6		1.3	12.6	25954

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) APR (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	1.6	9.0			.0	9.0	10.3	1.6		.8	12.1	3305
	03-05	1.8	11.8				11.8	17.7	1.5		1.1	19.7	3301
	06-08	1.2	11.6				11.6	26.2	3.2		1.1	29.6	3302
	09-11	.8	8.8				8.8	12.0	3.2		1.3	16.0	3308
	12-14	.8	6.5				6.5	5.2	2.2		1.2	8.5	3305
	15-17	1.3	5.4				5.4	2.7	1.6		.9	5.1	3304
	18-20	1.2	5.0			.1	5.0	3.3	1.3		.7	5.1	3291
	21-23	1.3	6.1				6.1	4.4	1.0		.8	6.0	3292
TOTALS		1.3	8.0			.0	8.0	10.2	2.0		1.0	12.8	26406

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 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	2.5	6.6				6.6	5.8	1.4		.2	6.8	3421
	03-05	2.0	8.1				8.1	14.8	1.9		.1	16.1	3423
	06-08	1.4	6.7				6.7	21.8	5.7		.2	25.5	3437
	09-11	1.3	5.4				5.4	4.6	3.7		.2	7.9	3452
	12-14	1.5	4.8			.0	4.8	1.2	2.2		.2	3.5	3450
	15-17	2.5	4.9				4.9	.9	1.4		.1	2.3	3458
	18-20	2.4	4.2			.0	4.2	.6	1.4		.2	2.3	3417
	21-23	2.3	4.2				4.2	1.3	1.2		.2	2.5	3412
TOTALS		2.0	5.6			.0	5.6	6.4	2.4		.2	8.4	27470

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	1.3	3.3				3.3	1.4	.8			2.2	3273
	03-05	1.2	3.8				3.8	6.9	1.5			7.5	3269
	06-08	.9	4.0				4.0	11.1	3.9			13.4	3326
	09-11	.5	3.0				3.0	1.0	1.5			2.4	3364
	12-14	1.4	3.9				3.9	.3	.5		.0	.9	3360
	15-17	1.9	4.0				4.0	.3	.4		.0	.7	3358
	18-20	1.4	3.1				3.1	.2	.5		.0	.8	3273
	21-23	1.2	2.7				2.7	.2	.5			.8	3276
TOTALS		1.2	3.5				3.5	2.7	1.2		.0	3.6	26499

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WEATHER CONDITIONS

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIU STATION NAME | 38-75 YEARS | JUL 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	.1	1.1				1.1	.4	.4			.7	3388
	03-05	.2	1.7				1.7	2.8	.7			3.4	3388
	06-08	.2	2.5				2.5	6.7	2.6			8.5	3449
	09-11	.3	2.2				2.2	.4	.9			1.3	3478
	12-14	.9	2.4				2.4	.1	.5			.5	3485
	15-17	1.9	3.1				3.1	.2	.2		.0	.4	3489
	18-20	1.9	2.6				2.6	.1	.1		.0	.2	3383
	21-23	.8	1.7				1.7	.0	.2			.2	3389
TOTALS		.8	2.2				2.2	1.3	.7		.0	1.9	27449

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.4	1.7				1.7	.8	.4			1.1	3331
	03-05	.5	2.5				2.5	3.1	1.1			3.7	3331
	06-08	.4	3.3				3.3	9.7	4.2			11.3	3398
	09-11	.4	2.9				2.9	1.0	1.2			2.0	3428
	12-14	1.4	3.4				3.4	.4	.5			.9	3428
	15-17	2.0	4.4				4.4	.0	.3		.1	.4	3425
	18-20	1.6	2.8				2.8	.2	.3		.1	.6	3338
	21-23	1.0	2.2				2.2	.1	.1			.2	3338
TOTALS		1.0	2.9				2.9	1.9	1.0		.0	2.5	27017

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 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	.8	4.6				4.6	3.8	.4			4.1	3230
	03-05	.6	4.9				4.9	8.1	.9			8.4	3232
	06-08	.6	5.6			.0	5.6	16.7	3.7			18.5	3225
	09-11	.2	5.2				5.2	3.3	1.6			4.5	3224
	12-14	.7	5.3				5.3	1.1	1.1			2.1	3231
	15-17	1.5	6.3				6.3	1.2	.9			1.9	3230
	18-20	1.6	5.7				5.7	1.4	.8			2.1	3228
	21-23	.7	4.8				4.8	1.5	.7			2.0	3233
TOTALS		.8	5.3			.0	5.3	4.6	1.3			5.5	25833

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	.8	5.2			.0	5.2	3.4	.3			3.7	3429
	03-05	.5	6.2				6.2	11.6	.8		.0	12.2	3428
	06-08	.7	6.9				6.9	22.1	2.8		.1	23.3	3425
	09-11	.4	5.0				5.0	5.7	2.6		.1	7.9	3428
	12-14	.6	4.6				4.6	1.7	1.1			2.7	3420
	15-17	.7	4.4				4.4	1.6	.9			2.5	3425
	18-20	.6	3.7			.0	3.7	1.4	.8			2.1	3425
	21-23	.6	3.6			.0	3.6	1.3	.3			1.5	3433
TOTALS		.6	5.0			.0	5.0	6.1	1.2		.0	7.0	27413

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV 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	.6	7.3		.1		7.4	9.3	.8		.1	10.1	3316
	03-05	.6	9.2				9.2	14.2	.9		.0	14.9	3314
	06-08	.2	9.8	.0	.1		9.8	20.9	1.9		.1	22.2	3317
	09-11	.2	7.8	.1	.1		7.8	11.6	2.3		.1	13.8	3316
	12-14	.2	6.3				6.3	4.8	1.7		.0	6.4	3317
	15-17	.1	5.7				5.7	3.9	1.3		.0	5.1	3319
	18-20	.3	6.1		.0		6.1	4.4	1.1		.0	5.4	3314
	21-23	.4	6.1		.0		6.1	4.9	.8		.2	5.7	3320
TOTALS		.3	7.3	.0	.0		7.3	9.3	1.4		.1	10.5	26533

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	.1	10.6	.1	.1		10.7	14.2	.4		.4	14.6	3420
	03-05	.2	12.1	.1	.1		12.3	19.0	.2		.3	19.3	3412
	06-08	.2	12.9	.2	.1		13.1	23.0	1.0		.5	24.2	3420
	09-11	.1	11.0	.2	.1		11.2	18.4	1.7		.9	20.8	3430
	12-14	.1	8.0	.1	.1		8.1	8.9	1.0		.6	10.3	3429
	15-17	.1	6.7	.0	.0		6.8	6.3	.7		.3	7.1	3438
	18-20	.3	7.6	.1	.2		7.7	7.5	.4		.2	7.9	3420
	21-23	.1	9.2	.1	.2		9.3	9.7	.4		.2	10.2	3420
TOTALS		.2	9.8	.1	.1		9.9	13.4	.7		.4	14.3	27389

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.

The 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.

S74-19980

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 46-75 (YEARS) ALL (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	3.2	45.2	2.7	3.1	.4	44.3	44.5	8.8		.2	45.5	930
FEB		5.6	41.9	1.1	1.9	.6	40.9	42.1	6.1		1.3	44.1	826
MAR		6.6	44.1	.1	.4	1.6	42.5	39.5	11.9		.6	42.2	899
APR		14.1	46.0			1.7	44.0	41.6	13.9		.3	44.1	870
MAY		19.1	42.8			1.2	41.2	39.5	17.1		.1	41.9	899
JUN		14.9	31.6			.2	30.1	22.9	10.6			25.5	870
JUL		12.6	22.3				21.4	12.5	6.3			14.5	899
AUG		15.5	29.6			.2	29.4	17.8	9.7			20.0	899
SEP		13.0	36.8			.2	34.8	29.0	10.1			30.6	870
OCT		8.6	32.4			.3	30.3	35.3	11.8			37.5	899
NOV		4.4	36.2	.1	.6		34.5	36.8	8.0		.3	38.4	870
DEC		2.6	38.8	.7	1.1	.1	36.2	38.7	7.2		.3	39.9	899
TOTALS		10.0	37.3	.4	.6	.5	35.8	33.3	10.1		.3	35.3	10630

U S AIR FORCE
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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

74-29961

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

12911 — STATION
RANDOLPH AFB TEXAS/SAN ANTONIO — STATION NAME
38-75 — 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	55.2	20.6	3.8	0.8	3.9	4.1	2.4	1.8	1.2					23.9	1132	1.99	7.95	.00
FEB	55.4	18.7	3.1	5.9	4.3	4.3	3.4	2.8	1.6	.1				25.9	1012	2.08	6.73	.00
MAR	55.3	23.6	4.5	5.4	2.4	3.0	1.9	1.7	1.2	.1				21.1	1115	1.48	5.86	.01
APR	54.6	23.5	2.6	4.5	2.4	3.4	3.1	3.4	2.2	.4				21.9	1091	2.65	10.23	.00
MAY	56.3	18.3	2.3	4.1	3.6	4.3	2.8	3.3	3.3	.3	.1			25.0	1124	3.48	13.25	.00
JUN	67.2	14.5	1.5	3.2	2.0	2.4	2.5	3.2	2.8	.6				18.3	1104	3.07	7.71	.00
JUL	70.7	10.0	.7	3.2	1.9	2.7	1.8	1.2	1.8	.1				13.3	1140	1.55	8.29	.00
AUG	70.7	11.4	1.4	3.3	2.0	3.9	3.4	2.8	2.0	.1				17.9	1140	2.28	8.35	.00
SEP	64.3	13.2	1.9	4.5	2.1	3.2	3.9	3.3	2.8	.7	.1			22.5	1071	3.69	15.45	.00
OCT	66.7	12.6	2.4	4.3	2.3	3.6	3.3	2.7	2.2	.7	.1			20.7	1142	2.97	11.44	.00
NOV	64.0	18.0	1.9	3.5	2.0	3.8	3.0	2.0	1.5	.3				18.0	1097	1.94	9.75	.00
DEC	61.2	17.2	2.7	5.3	4.1	4.0	2.0	2.3	.7	.1				21.5	1137	1.56	5.20	.00
ANNUAL	62.3	16.8	2.4	4.5	2.0	3.6	2.7	2.6	2.0	.3	.0			20.8	13315	28.30		

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
38				* .00	* .00	* .00	* .00	* .00	* .00	* .00	* .00	.00	
39	* .00	* .00	.42	* .38	1.08	.05	1.01	2.16		.07	.26	.58	
40	.55	.27	.34	2.52	1.69	2.83	.57	.82	.35	2.63	1.09	.96	2.83
41	1.20	.79	1.39	2.24	1.19	3.79	.52 *	.45	3.43	1.56	.47	.58	3.79
42	.21	1.11	.27	.98	.89	1.34	3.32 *	2.06	3.65	5.07	.41	.10	5.07
43	.52	.04	1.11	.97	1.14	1.37	1.33	1.88	1.64	.80	1.09	.32	1.88
44	1.82	.49	1.18	.82 *	1.66	1.19	.12	.93	2.19	.95	1.15	1.36	2.19
45	1.38	1.04	2.95	.61	.10	1.91	1.43	.43	1.68	3.14	.62	.37	3.14
46	.84 *	.52							1.84	.66	1.40	1.65	
47	.71	.14	1.28	.11	2.51	.01	.88	2.08	TRACE	.11	.55	.84	2.51
48	.29	.55	.24	.93	1.27	2.89	.15	.65	1.23	2.10	.41	.11	2.89
49	1.09	2.24	.60	2.53	.42	3.09	.73	.51	.74	2.86	.03	.85	3.09
50	.06	.43	.08	1.83	1.45	2.53	.56	.76	.92	.31	.16	TRACE	2.53
51	.22	1.26	1.46	.22	2.05	2.25	TRACE	.37	1.68	.55	.52	.10	2.25
52	.47	.75	1.36	2.14	1.96	1.42	1.45	TRACE	2.54	.00 *	1.34	.85	2.54
53	.50	.40	.19	1.47	.27	2.96	.02	2.29	3.90	.85	.35	2.49	3.90
54	.24	.09	.05	.98	.83	2.06	.86	.24	.56	.71	.22	.13	2.06
55	1.20	3.10	1.38	.16	1.10	.83	.38	.50	.30	.03	.80	.63	3.10
56	.72	.36	.13	.25	1.72	.26	.04	2.78	.35	.25	.55	2.14	2.78
57	.36	1.41	.90	2.17	3.42	1.32	1.05	.06	4.41	1.63	1.01	.57	4.41
58	1.31	1.98	.36	1.16	1.58	.63	1.29	.23	2.27	1.14	.90	.29	2.27
59	.18	.66	.12	2.13	1.52	1.99	1.93	1.21	.55	4.15	.80	1.15	4.15
60	.46	.69	1.01	1.65	.39	3.55	.41	2.23	.80	2.49	.49	1.07	3.55
61	.24	1.38	.06	.38	.14	2.29	2.11	.85	.70	2.71	1.75	.16	2.71
62	.12	.85	.53	1.45	1.04	.91	TRACE	.67	1.78	.26	3.21	.80	3.21
63	.28	1.78	.07	1.67	1.93	1.23	.47	.27	1.36	1.63 *	.84	.69	1.93
64	2.09	.56	2.04	.55	1.12	1.68	.11	1.50	1.21	1.88	3.82	1.83	3.82
65	1.58	1.74	2.02	1.37	2.24	1.03	.05	.14	1.67	2.90	3.05	3.16	3.16
66	.36	.80	.60	.85	1.34	1.34	.12	1.73	.63	.28	TRACE	.18	1.73
67	.08	.19	1.45	.54	1.19	.02	1.77	.64	3.69	1.31	1.96	.43	3.69
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68	2.44	.88	.56	1.92	1.16	1.16	.39	.63	1.94	.63	2.18	.36	2.44
69	.41	1.45	1.17	1.02	1.21	1.79	.13	1.05	1.37	1.71	1.43	1.46	1.79
70	.41	1.30*	.86	1.40	2.05	.44	.40	.96	1.09	.50	.01	.05	2.05
71	.04	.48	.01	.59	.62	.66	.10	2.46	2.17	2.14	1.30	.93	2.46
72	.59	.26	.13	.48	7.49	2.18	.45	1.27	.78	1.13	.98	.08	7.49
73	.91	.65	.92	2.66	.40	2.31	1.73	1.14	5.13	1.57	.15*	.21	5.13
74	.66	.10	.81	2.81	1.23	.76	.60	2.47	.95	.77	1.99	.47	2.81
75	.32	1.29	.88	.82	3.19	2.07	.42	.50					
MEAN	.572	.879	.804	1.210	1.475	1.571	.727	1.052	1.653	1.391	1.006	.755	3.099
S.D.	.597	.700	.677	.803	1.283	1.014	.747	.809	1.278	1.216	.921	.739	1.174
TOTAL OBS.	1132	1012	1115	1091	1134	1104	1140	1140	1071	1142	1097	1137	13315

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AIR 64 3-88-5 (OLA)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 38.75 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
38				* .00	* .00	* .00	* .00	* .00	* .00	* .00	* .00	.00	
39	* .00	* .00	.61	* .38	2.74	.10	2.10	3.65		.15	.57	.79	
40	.61	1.08	1.00	4.23	3.66	7.71	1.11	.83	.66	5.23	2.07	3.75	31.94
41	2.55	2.40	2.67	6.68	3.42	6.55	.60 *	.78	4.11	4.38	.86	1.12	*36.12
42	.43	2.39	.40	2.98	2.08	2.12	8.59 *	2.60	7.99	8.71	.63	.15	*39.07
43	1.03	.10	1.39	1.71	3.48	3.72	4.22	1.88	3.70	.97	2.13	1.37	25.70
44	4.55	1.55	3.04	1.81 *	5.62	2.79	.18	3.03	2.60	1.02	3.65	3.06	*32.90
45	2.61	3.91	5.86	1.48	.38	4.00	2.18	.97	2.99	4.30	.62	.86	30.16
46	3.05 *	.52							8.84	1.57	1.49	2.11	
47	3.11	.19	1.50	.25	7.48	.01	.88	4.49	TRACE	.17	1.39	1.87	21.34
48	.42	1.56	.66	1.44	3.43	3.56	.40	1.46	1.55	2.70	.92	.12	18.22
49	2.85	4.16	1.23	10.23	.86	7.52	1.61	1.01	1.12	10.41	.03	3.78	44.81
50	.26	1.90	.17	3.42	3.46	3.34	.90	1.09	1.99	.31	.30	TRACE	17.14
51	.47	2.83	2.91	.54	5.26	3.55	TRACE	.37	3.59	1.17	1.30	.16	22.15
52	.60	2.17	2.39	4.77	3.54	3.88	2.91	TRACE	5.66	.00 *	3.81	2.78	*32.51
53	.58	1.08	.37	2.84	.88	3.06	.02	4.53	6.26	2.54	.40	3.52	26.08
54	.66	.09	.07	1.79	1.75	2.33	1.16	.32	.62	1.19	.51	.14	10.63
55	1.74	4.66	1.51	.20	3.01	2.66	1.08	1.86	.69	.10	1.29	.79	19.59
56	1.04	1.10	.27	.27	2.45	.30	.05	4.81	.55	.93	1.50	2.65	15.92
57	.53	2.86	3.72	8.38	7.86	2.62	1.16	.12	9.57	4.20	2.67	.95	44.64
58	4.19	5.15	1.00	1.93	3.28	1.88	2.07	.37	5.97	5.62	1.58	.74	33.78
59	.61	2.46	.18	4.29	3.61	4.84	3.81	3.24	1.54	5.48	1.11	2.56	33.73
60	1.17	1.80	1.79	2.89	1.15	5.02	.82	4.39	.90	11.44	1.78	2.71	35.86
61	.65	1.72	.13	.44	.16	6.27	5.36	1.47	2.04	4.43	3.61	.59	26.87
62	.56	1.26	.69	3.60	1.14	1.58	TRACE	.68	3.09	.35	4.51	1.88	19.34
63	.47	3.31	.15	1.94	2.43	2.02	.48	.53	2.58	3.33 *	2.93	1.11	*21.28
64	3.04	2.11	2.62	1.30	2.44	3.06	.16	3.33	3.44	1.93	4.04	1.89	29.36
65	2.20	6.73	2.37	2.18	6.65	1.06	.08	.38	3.11	4.43	3.57	5.20	37.96
66	1.28	2.49	1.30	2.25	2.61	1.45	.16	6.33	2.33	.40	TRACE	.22	20.82
67	.11	.36	2.34	.60	2.82	.02	3.51	1.27	10.84	2.26	4.10	1.33	29.56
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AK 44 0-86-5 (OLA)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68	7.95	1.81	1.16	3.70	2.49	3.39	.50	.83	4.41	1.27	5.75	.62	33.88
69	1.01	3.03	2.79	3.24	3.43	2.92	.15	2.52	1.66	4.36	2.42	3.04	30.57
70	1.25	3.92*	1.88	2.24	7.02	.96	.87	1.89	3.11	1.38	.01	.17	*24.70
71	.05	.62	.01	.72	1.94	1.80	.28	7.68	4.78	3.88	1.71	3.44	26.91
72	1.14	.39	.18	.75	13.25	3.58	1.45	3.74	2.23	1.53	3.50	.27	32.01
73	3.77	2.40	2.07	5.73	.81	7.69	4.56	2.24	15.45	5.26	.28*	.21	*50.47
74	1.78	.10	1.51	4.72	4.19	.99	1.90	8.55	2.97	2.61	4.76	1.19	35.27
75	.67	2.82	1.22	2.19	7.87	5.08	1.15	1.22					
MEAN	1.594	2.082	1.477	2.652	3.477	3.066	1.526	2.283	3.693	2.973	1.941	1.544	29.156
S.D	1.629	1.564	1.260	2.312	2.681	2.155	1.846	2.128	3.351	2.829	1.572	1.351	8.907
TOTAL OBS.	1132	1012	1115	1091	1134	1104	1140	1140	1071	1142	1097	1137	13315

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AUG 66 0-88-5 (OL A)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 46-75 (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	97.3	2.4	.2					.1						.3	930	.2	5.0	.0
FEB	97.9	1.2	.2	.2	.2	.1								.0	826	.3	2.6	.0
MAR	99.7	.3													899	TRACE	TRACE	.0
APR	100.0														870	.0	.0	.0
MAY	99.9	.1													899	TRACE	TRACE	.0
JUN	100.0														870	.0	.0	.0
JUL	100.0														899	.0	.0	.0
AUG	100.0														899	.0	.0	.0
SEP	100.0														870	.0	.0	.0
OCT	100.0														899	.0	.0	.0
NOV	99.4	.6													867	TRACE	TRACE	.0
DEC	99.0	.9		.1										.1	899	TRACE	.6	.0
ANNUAL	99.4	.3	.0	.0	.0	.0		.0						.1	10686	.3		

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 46-75 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE*	.0							.0	.0	.0	TRACE	
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
58	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
59	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0*	.0	TRACE	TRACE
64	TRACE	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
65	.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
66	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
67	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.8
68	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	TRACE	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	1.9
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	TRACE	TRACE	.0	.0	TRACE	.0	.0	.0					
MEAN	.17	.29	TRACE	.00	TRACE	.00	.00	.00	.00	.00	TRACE	.02	.30
S.D.	.912	.694	.000	.000	.000	.000	.000	.000	.000	.000	.000	.111	1.297
TOTAL OBS.	930	826	899	870	899	870	899	899	870	899	867	898	10626

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 46-75 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	TRACE*	.0							.0	.0	.0	TRACE	
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
49	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
51	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	* .00
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
58	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
59	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0*	.0	TRACE	*TRACE
64	TRACE	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
65	.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
66	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
67	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.9
68	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
71	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	TRACE	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	* 1.9
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
75	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0					
MEAN	.17	.29	TRACE	.00	TRACE	.00	.00	.00	.00	.00	TRACE	.02	.52
S.D.	.912	.704	.000	.000	.000	.000	.000	.000	.000	.000	.000	.111	1.144
TOTAL OBS.	930	8	899	870	899	870	899	899	870	899	867	898	10626

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-86-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

12911 — STATION
RANDOLPH AFB TEXAS/SAN ANTONIO — STATION NAME
3875 — 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	98.9	.8	.2	.1	.1									.3	1147			
FEB	99.3	.3	.1	.2	.1									.4	1024			
MAR	100.0														1116			
APR	100.0														1109			
M	100.0														1147			
JUN	100.0														1110			
JUL	100.0														1147			
AUG	100.0														1147			
SEP	100.0														1080			
OCT	100.0														1147			
NOV	99.9	.1													1107			
DEC	100.0														1146			
ANNUAL	99.8	.1	.0	.0	.0									.1	13427			

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS)

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
38				* 0	0	0	0	0	0	0	0	0	
39	0	0	0	0	0	0	0	0		0	0	0	
40	2	0	0	0	0	0	0	0	0	0	0	0	2
41	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
42	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0 *	0							0	0	0	0	
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	3	0	0	0	0	0	0	0	0	0	0	0	3
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE
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	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	TRACE	0	0	0	0	0	0	0	0	0 *	0	0	TRACE
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	1	0	0	0	0	0	0	0	0	0	0	1
66	0	3	0	0	0	0	0	0	0	0	0	0	3
67	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75

STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
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	1	2	0	0	0	0	0	0	0	0	0*	0	2
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0					
MEAN	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0
S.D	.601	.601	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.243
TOTAL OBS.	1147	1024	1116	1109	1147	1110	1147	1147	1080	1147	1107	1146	13427

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AIR 64 0-88-5 (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.

C

74-29062

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 48-75 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
48					W *45		SE 40	SE 33	SSE*39	NE *39	N *43	NE *33	
49	N [illegible]	*31S	*32	NE *43	NW 36	S 49	E 35	ENE 35	E 30	N 53	NE 35	NNW 44	N 53
50	N 38	N 39	NNE 39	WNW 44	NE 41	ESE 34	SE 30	E 28	NNW 33	NNE 27	N 46	NNW 43	N 46
51	NNW 44	NNE 38	NNE 42	NNE 40	SE 43	NE 46	E 30	SSE 43	SSE 48	NE 34	NNE 46	N 35	SSE 48
52	1 42	NW 41	NNW 52	N 35	N 35	NE 36	NNW 37	ESE 28	ENE 36	NE 34	NNE 43	NNW 34	NNW 52
53	NNE 42	NNE 32	N 37	WSW 48	N 33	SE 30	ESE 31	ESE 29	NNE 31	WSW 40	NNW 34	NW 57	NW 57
54	NW 36	NNW 49	N 4[illegible]	NW 43	NNW 36	ENE 31	SSE 50	N 49	ESE 30	NNE 36	NNW 33	N 41	SSE 50
55	NNW 41	N 42	NNW 43	N 31	NW 33	NNW 43	N 47	ENE 43	E 33	NNW 35	NW 43	NNW 43	N 47
56	N 38	NNW 44	NNW 46	SW 37	WNW 65	S 32	SSE 35	N 37	SE 40	ENE 42	N 40	N 43	WNW 65
57	SSE 38	NNW 32	WSW 49	E 41	ESE 33	WSW 48	NW 48	SE 29	N 32	SE 30	NNE 34	NNE 34	WSW 49
58	NE 34	WNW 38	W 32	NNW 29	NNE 29	NNW 31	S 28	S 29	S 28	NNE 28	S 36	N 32	WNW 38
59	S 34	N 20	N 30	NNW 30	E 35	ESE 29	SW 37	NNE 34	ENE 50	NNW 27	N 32	NW 32	ENE 50
60	NNW 26	NNW 42	NNE 27	N 37	N 32	NE 33	NW 22	SE 25	29	N 44	N 30	NNW 33	N 44
61	N 40	NW 37	NNW 32	NNW 37	N 33	SSE 29	SE 26	NNE 41	N 55	N *34	NW *34	N 39	N 55
62	N 38	NW 29	NNW 28	SE 36	NNW 35	S 31	SSE 27	N 35	*25	ENE 31	N 31	*27	N 38
63	N 42	N 36	N *36	SE *28	E 37	NNE*39	S 32	SSE*32	SE 45	N 33	SE 36	NNE 29	SE 45
64	NW *34	N 41	NNW 42	N 35	SE 31	SE *36	NNE*29	ESE 42	SE 28	NNE 34	N 32	NNE 34	NNW 42
65	W 33	N 40	N 29	WNW 37	S 47	ESE 31	ESE 29	ESE 40	SE 28	SE *28	N *25	NNW 29	S 47
66	NNW*31	SSE 30	N *37	E *30	NW *36	NE 29	SSE 30	NNE 33	N 32	N 28	N 38	NNW 37	N 38
67	NNE 28	N 39	N 34	NW 39	NNW 42	S 30	NW 38	ESE 56	E 32	NNW 42	NNW 38	N 30	ESE 56
68	N 32	NNW 35	NNW 39	N 34	N 30	WNW 34	14/ 27	18/ 41	10/ 30	15/ 37	28/ 38	30/ 37	18/ 41
69	2/ 33	3/ 30	29/ 40	8/ 29	27/ 48	14/ 35	8/ 23	13/ 33	16/ 29	14/ 28	36/ 31	34/ 30	27/ 48
70	36/ 32	1/ 30	32/ 32	35/ 34	32/ 33	35/ 26	13/ 24	36/ 50	10/ 35	35/ 31	1/ 34	31/ 33	36/ 50
71	36/ 31	32/ 43	34/ 40	14/ 31	31/ 47	15/ 38	17/ 30	15/ 30	4/ 29	3/ 30	3/ 29	31/ 36	31/ 47
72	30/ 30	36/ 30	35/ 35	6/ 34	36/ 38	7/ 24	36/ 35	9/ 30	3/ 32	22/ 34	34/ 51	5/ 47	34/ 51
73	32/ 48	3/ 41	27/ 40	3/ 45	7/ 36	5/ 39	34/ 31	17/ 31	35/ 36	31/ 36	32/ 36	34* 42	32/ 48
74	25* 29	17/ 34	17/ 31	19/ 47	29/ 51	34/ 26	16/ 38	22/ 24	1/ 24	35/ 31	2/ 28	3/ 29	29/ 51
75	35/ 40	32/ 36	31/ 38	14/ 43	26/ 34	16/ 30	9/ 21	14/ 25					
MEAN	35.9	36.3	37.1	36.9	38.4	34.0	32.7	35.2	34.0	34.3	36.1	36.4	48.3
S.D	5.373	6.143	6.278	5.837	7.866	6.343	7.313	8.060	7.653	6.101	6.131	6.829	6.227
TOTAL OBS.	785	736	809	793	843	794	851	856	786	793	769	800	9615

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

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) ALL (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	1.0	1.8	2.0	1.7	.5	.2	.0	.0	.0			7.3	9.2
NNE	.7	1.5	2.3	1.9	.5	.1	.0	.0	.0			7.1	9.5
NE	.9	1.7	2.6	1.5	.2	.0	.0	.0				7.0	8.3
ENE	.6	1.3	1.6	.6	.1	.0	.0	.0	.0			4.2	7.4
E	.9	1.8	1.5	.4	.0	.0	.0					4.5	6.3
ESE	.7	1.3	1.5	.6	.1	.0	.0					4.3	7.4
SE	1.1	2.6	3.8	2.2	.3	.0	.0					10.0	8.3
SSE	.9	2.8	4.8	2.9	.3	.0	.0	.0				11.8	8.7
S	1.4	3.6	5.1	2.5	.2	.0	.0					12.8	8.0
SSW	.8	1.8	2.2	.8	.1	.0	.0	.0				5.7	7.4
SW	.7	1.3	1.1	.3	.0	.0	.0					3.3	6.4
WSW	.4	.6	.5	.1	.0	.0						1.7	6.2
W	.4	.6	.4	.1	.0	.0	.0		.0			1.5	6.2
WNW	.2	.3	.3	.1	.0	.0	.0		.0			1.0	7.5
NW	.5	.6	.5	.3	.1	.0	.0	.0				2.1	7.6
NNW	.8	1.5	.9	.6	.2	.1	.0	.0				4.3	7.7
VARBL													
CALM												11.5	
	12.0	25.2	31.0	16.8	2.7	.7	.1	.0	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 319652

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	3.2	3.2	1.1	.4	.0	.0				11.4	10.2
NNE	.9	2.1	4.0	4.0	1.2	.3	.0	.0				12.5	10.5
NE	.9	2.0	3.8	2.1	.4	.1						9.3	8.8
ENE	.5	1.4	1.4	.3	.0	.0						3.6	6.9
E	.6	1.2	.6	.1	.0							2.5	5.5
ESE	.4	.5	.5	.1	.0	.0						1.5	6.2
SE	.6	1.0	1.1	.6	.0							3.2	7.3
SSE	.7	1.4	1.9	.9	.1	.0						4.9	7.6
S	1.3	2.8	3.1	1.5	.1	.0						8.9	7.4
SSW	1.0	2.2	2.6	.8	.1	.0						6.7	7.1
SW	1.0	2.0	1.7	.5	.0	.0	.0					5.2	6.5
WSW	.3	1.0	1.0	.2	.0							2.9	6.4
W	.7	1.0	.6	.2	.1	.0						2.6	6.3
WNW	.3	.6	.4	.3	.1	.0			.0			1.7	7.5
NW	.7	1.2	1.0	.6	.1	.1	.0					3.6	7.5
NNW	1.0	2.2	1.6	1.3	.4	.1	.0					6.6	8.3
VARBL													
CALM												12.9	
	12.3	24.9	28.3	16.8	3.6	1.1	.1	.0	.0			100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 27377

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (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	1.0	2.2	2.8	3.3	1.0	.4	.0	.0				10.7	10.3
NNE	.7	1.8	3.4	3.3	.7	.2	.0					10.1	10.1
NE	.6	2.1	4.0	2.5	.3	.0						9.7	8.9
ENE	.5	1.4	2.3	.9	.1	.0	.0					5.2	7.9
E	.6	1.6	1.4	.4	.0							4.2	6.5
ESE	.5	1.0	1.0	.3	.0							2.9	6.9
SE	.6	1.5	2.0	1.0	.2	.0						5.3	8.2
SSE	.5	1.5	2.5	1.6	.2	.0						6.3	8.7
S	1.0	2.5	3.5	1.8	.2	.0						9.0	8.1
SSW	.7	1.7	2.3	.9	.1	.0						5.8	7.6
SW	.7	1.6	1.5	.5	.0	.0						4.3	6.8
WSW	.4	.8	.7	.3	.0	.0						2.2	6.7
W	.5	.7	.7	.3	.0	.0	.0					2.2	7.0
WNW	.3	.4	.5	.3	.1	.1	.0					1.6	8.9
NW	.6	.8	.9	.7	.3	.1	.0					3.3	8.7
NNW	1.0	2.0	1.4	1.4	.6	.3	.0	.0				6.8	9.4
VARBL													
CALM												10.1	
	10.8	23.7	30.9	19.4	3.9	1.1	.1	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 24410

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-75 (YEARS) MAR (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	1.7	2.1	2.4	1.0	.4	.1	.0				8.6	10.8
NNE	.7	1.5	2.6	2.9	.9	.3	.0					8.9	10.6
NE	1.0	2.0	3.3	2.4	.5	.1						9.3	9.0
ENE	.6	1.4	1.8	.8	.1	.0	.0					4.6	7.8
E	.9	1.7	1.5	.4	.0		.0					4.6	6.4
ESE	.5	1.2	1.4	.6	.0	.0						3.7	7.3
SE	.7	2.0	3.1	2.1	.4	.0						8.3	8.9
SSE	.7	2.5	4.5	3.4	.4	.0						11.5	9.3
S	1.1	2.9	4.3	2.6	.2	.0	.0					11.2	8.4
SSW	.6	1.5	2.1	1.0	.1	.0						5.3	7.9
SW	.4	1.1	.9	.4	.0	.0						2.9	7.1
WSW	.2	.7	.6	.2	.0	.0						1.8	7.2
W	.3	.6	.5	.3	.1	.1						1.8	7.8
WNW	.2	.3	.4	.3	.1	.1	.0					1.3	10.2
NW	.3	.6	.5	.6	.3	.1	.0					2.4	9.8
NNW	.6	1.6	1.0	.9	.5	.3	.0	.0				4.9	9.6
VARBL													
CALM												8.8	
	9.9	23.2	30.7	21.2	4.7	1.4	.2	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 25954

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	.9	1.4	1.7	1.7	.6	.2	.0	.0				6.5	9.7
NNE	.5	1.3	2.1	1.9	.4	.2	.0					6.5	9.9
NE	.7	1.6	2.6	1.8	.4	.1	.0					7.2	9.2
ENE	.6	1.2	1.8	.8	.2	.0						4.6	8.1
E	.9	1.9	1.9	.4	.0	.0						5.1	6.6
ESE	.8	1.7	2.4	1.2	.2	.0						6.3	8.1
SE	1.2	3.2	5.5	4.0	.6	.1	.0					14.6	9.1
SSE	.8	3.1	6.1	4.5	.5	.1	.0					15.2	9.4
S	1.0	2.8	4.8	3.1	.4	.0						12.1	8.8
SSW	.5	1.1	1.4	.7	.1	.0						3.7	7.9
SW	.4	.7	.7	.2	.0							2.0	6.8
WSW	.2	.4	.5	.1	.0	.0						1.2	7.4
W	.2	.4	.3	.2	.0	.0	.0					1.2	7.7
WNW	.1	.2	.3	.2	.1		.0					.8	9.1
NW	.3	.3	.4	.4	.1	.1	.0	.0				1.7	10.1
NNW	.5	1.2	.9	.6	.3	.1	.0	.0				3.4	8.6
VARBL													
CALM												7.5	
	9.4	22.5	33.5	22.0	4.0	.9	.1	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 26414

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) MAY (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	.8	1.2	1.2	.8	.2	.0	.0	.0				4.3	8.1
NNE	.6	1.0	1.6	1.2	.4	.1	.0					4.9	9.4
NE	.7	1.5	1.9	1.3	.2	.0		.0				5.6	8.4
ENE	.6	1.2	1.3	.6	.1	.0						3.8	7.4
E	1.0	2.0	1.8	.5	.1	.0						5.4	6.7
ESE	.8	1.8	2.3	1.0	.3	.0						6.2	8.0
SE	1.3	3.6	6.4	4.6	.7	.1	.0					16.7	9.2
SSE	.9	3.7	7.5	5.4	.6	.1	.0	.0				18.2	9.3
S	1.2	3.4	5.9	3.2	.3	.0						14.0	8.5
SSW	.5	1.3	1.8	.6	.0	.0						4.2	7.4
SW	.4	.7	.6	.1	.0	.0						1.9	6.2
WSW	.2	.3	.3	.1	.0	.0						.8	6.4
W	.2	.2	.2	.0	.0		.0		.0			.8	6.1
WNW	.1	.1	.1	.1	.0		.0					.4	7.7
NW	.3	.2	.2	.2	.0	.0		.0				1.0	7.9
NNW	.6	.7	.5	.2	.0	.0	.0	.0				2.2	6.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	9.7	
	10.0	23.0	33.7	20.1	3.0	.4	.0	.0	.0			100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 27468

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	.5	.7	.5	.2	.0		.0					1.9	6.1
NNE	.3	.7	.9	.3	.0	.0						2.3	7.4
NE	.5	1.0	1.2	.5	.1	.0	.0					3.4	7.7
ENE	.5	1.0	1.1	.4	.0	.0	.0					3.0	7.1
E	.8	1.9	1.6	.5	.1	.0						4.9	6.6
ESE	.8	1.7	2.2	1.1	.2	.0						6.0	7.9
SE	1.3	3.7	6.5	4.7	.6	.1						16.9	9.1
SSE	1.1	4.4	9.2	6.5	.6	.0	.0					21.9	9.3
S	1.4	4.6	8.5	4.5	.4	.1						19.5	8.6
SSW	.7	1.7	2.2	.9	.1	.0						5.6	7.7
SW	.5	.7	.6	.1	.0							1.9	5.8
WSW	.2	.3	.1	.0	.0							.6	5.1
W	.2	.3	.1	.0								.6	5.3
WNW	.1	.1	.1	.0		.0						.4	5.5
NW	.2	.2	.1	.1	.0	.0						.5	5.8
NNW	.4	.5	.3	.1	.0	.0		.0				1.3	5.8
VARBL													
CALM												9.4	
	9.6	23.4	35.2	20.0	2.2	.2	.0	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 26497

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	.5	.5	.4	.1	.0							1.5	5.8
NNE	.3	.4	.4	.2	.0	.0						1.4	7.1
NE	.6	.8	.8	.4	.1	.0						2.7	7.3
ENE	.4	.7	.8	.3	.0	.0	.0					2.2	7.1
E	.8	1.4	1.3	.5	.1	.0	.0					4.1	6.8
ESE	.7	1.6	2.2	1.0	.2	.0						5.8	7.9
SE	1.5	4.1	6.0	2.9	.3	.1	.0					14.9	8.1
SSE	1.7	4.9	8.4	4.1	.3	.0						19.5	8.3
S	2.2	6.8	8.5	3.3	.3	.0						21.0	7.6
SSW	1.1	2.9	3.1	.8	.0							7.9	6.9
SW	.9	1.7	1.1	.1	.0							3.8	5.6
WSW	.4	.5	.3	.0								1.2	4.9
W	.4	.3	.1	.0								.8	4.4
WNW	.1	.2	.1	.0		.0						.3	5.1
NW	.2	.2	.1	.0	.0							.5	5.2
NNW	.2	.2	.1	.1								.6	5.3
VARBL													
CALM												11.7	
	12.1	26.9	33.7	14.0	1.4	.1	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 27446

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	.7	.7	.5	.2	.0	.0	.0	.0	.0			2.2	6.1
NNE	.5	.7	.9	.4	.0	.0		.0	.0			2.5	7.0
NE	.8	1.0	1.3	.6	.1	.0	.0					3.7	7.3
ENE	.7	1.0	1.2	.6	.0	.0	.0	.0	.0			3.6	7.4
E	1.2	2.1	1.9	.6	.1	.0						5.9	6.5
ESE	1.0	1.7	2.1	.9	.2	.0	.0					5.9	7.5
SE	1.8	4.2	5.1	2.5	.3	.0						13.9	7.7
SSE	1.5	3.8	5.8	2.6	.2	.0	.0					14.0	8.0
S	2.1	5.3	6.6	2.5	.1	.0						16.7	7.4
SSW	1.1	2.5	3.2	.9	.1	.0	.0					7.8	7.2
SW	.9	1.7	1.3	.2	.0							4.2	6.0
WSW	.5	.7	.4	.1								1.7	5.6
W	.4	.5	.2	.0	.0							1.1	4.8
WNW	.2	.2	.1	.0		.0						.5	5.5
NW	.3	.2	.1	.1	.0							.7	5.3
NNW	.5	.5	.2	.0	.0	.0						1.3	4.9
VARBL													
CALM												14.4	
	14.1	26.9	31.0	12.2	1.2	.1	.0	.0	.0			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 27017

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-40-74 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.5	1.9	1.1	.2	.0	.0	.0				7.2	7.2
NNE	1.0	1.8	2.4	1.6	.3	.0						7.2	8.4
NE	1.4	2.5	3.3	2.1	.3	.1	.0					9.7	8.1
ENE	1.0	2.0	2.6	1.3	.2	.0						7.0	7.8
E	1.2	2.7	2.4	.7	.0	.0						7.0	6.6
ESE	1.0	1.9	1.8	.7	.1	.0						5.5	6.8
SE	1.3	3.0	3.2	1.5	.1	.0						9.2	7.2
SSE	1.0	2.7	3.2	1.7	.1	.0						8.6	7.7
S	1.2	2.9	3.9	1.8	.1	.0						9.9	7.7
SSW	.7	1.2	1.4	.5	.1			.0				3.9	7.1
SW	.5	.9	.6	.2	.0							2.2	5.9
WSW	.3	.4	.2	.1	.0							1.0	5.5
W	.4	.4	.2	.0	.0							1.0	5.0
WNW	.2	.2	.2	.0	.0	.0						.6	5.3
NW	.5	.5	.3	.1	.0	.0						1.3	5.2
NNW	1.2	1.6	.6	.2	.0		.0					3.7	5.3
VARBL													
CALM												14.9	
	14.4	27.4	28.2	13.3	1.5	.2	.1	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 25831

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (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	1.7	2.9	2.5	1.7	.4	.1	.0	.0				9.2	7.8
NNE	1.1	2.2	2.6	1.6	.2	.1						7.8	8.1
NE	1.2	2.3	2.9	1.1	.1	.0						7.P	7.4
ENE	.9	1.7	2.1	.5	.1	.0						5.3	7.0
E	1.2	2.0	1.6	.3	.0							5.'	5.9
ESE	.9	1.3	1.4	.3	.1	.0						4.0	6.5
SE	1.1	2.6	3.3	1.3	.1	.0						8.4	7.4
SSE	1.0	2.4	4.2	1.7	.1	.0						9.3	7.9
S	1.4	3.2	4.7	1.9	.1							11.2	7.6
SSW	.8	1.3	1.7	.6	.0							4.4	7.1
SW	.6	1.0	.9	.1	.0							2.7	6.1
WSW	.4	.5	.4	.0								1.3	5.6
W	.4	.5	.3	.1	.0							1.2	5.4
WNW	.3	.3	.2	.0	.0	.0						.8	5.4
NW	.7	.7	.4	.2	.1	.0	.0					2.1	6.0
NNW	1.6	2.6	1.1	.4	.1	.0	.0					5.9	5.9
VARBL													
CALM												13.4	
	15.2	27.5	30.2	11.9	1.3	.3	.0	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 27318

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.9	3.4	2.8	.9	.3	.0					11.6	9.5
NNE	.9	2.4	3.5	2.9	.9	.3	.0	.0				10.9	10.0
NE	1.0	1.9	3.0	1.6	.2	.0						7.7	8.2
ENE	.6	1.4	1.5	.4	.1	.0						4.0	7.0
E	.8	1.3	.8	.1	.0							3.0	5.5
ESE	.5	.7	.5	.2	.0							1.9	5.9
SE	.7	1.4	1.7	.8	.0	.0						4.6	7.3
SSE	.7	1.8	2.5	1.7	.2	.0						7.0	8.5
S	1.4	2.8	3.9	2.5	.3	.0	.0					10.8	8.2
SSW	.9	1.9	2.2	1.2	.1	.0						6.4	7.8
SW	.6	1.5	1.3	.4	.0	.0						3.9	6.7
WSW	.5	.7	.7	.1	.0							2.0	6.0
W	.5	.8	.5	.1	.0							2.0	5.8
WNW	.4	.5	.3	.2	.0	.0						1.4	6.5
NW	.8	1.2	1.0	.3	.1	.0						3.4	6.5
NNW	1.2	2.9	1.7	1.0	.4	.1	.0	.0				7.5	7.8
VARBL													
CALM												11.9	
	12.7	26.3	28.3	16.4	3.3	1.0	.1	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 26531

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	1.2	3.1	3.7	3.1	1.1	.4	.0					12.5	9.7
NNE	.9	2.1	3.7	2.8	.6	.1	.0					10.2	9.3
NE	.9	2.3	2.9	1.5	.2	.0						7.9	8.0
ENE	.7	1.4	1.4	.5	.0							4.0	6.9
E	.8	1.3	.7	.2								2.9	5.5
ESE	.4	.6	.4	.1								1.5	5.5
SE	.6	1.0	1.1	.3	.0	.0						3.0	6.8
SSE	.7	1.5	2.0	.9	.1	.0						5.1	7.7
S	1.2	2.8	3.2	1.5	.1	.0						8.8	7.5
SSW	.9	2.0	2.5	.8	.1	.0						6.4	7.3
SW	1.1	1.9	1.7	.5	.0	.0						5.2	6.5
WSW	.7	1.2	1.0	.2	.0							3.2	6.1
W	.8	1.0	.6	.2	.0							2.9	6.0
WNW	.4	.5	.6	.3	.0	.0	.0					1.8	7.7
NW	.8	1.4	1.0	.5	.2	.1	.0					4.1	7.8
NNW	1.3	2.3	2.0	1.1	.4	.2	.0					7.3	8.1
VARBL													
CALM												13.3	
	13.4	26.3	28.6	14.5	2.9	.9	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 27389

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (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	1.4	2.7	3.0	2.6	.8	.3	.1					10.9	9.2
NNE	1.1	2.3	3.7	3.3	1.2	.4	.1					12.0	10.3
NE	1.0	2.1	3.3	1.8	.3							8.6	8.5
ENE	.4	1.1	.8	.2								2.3	6.0
E	.3	.6	.2	.1								1.3	5.7
ESE	.3	.4	.4	.1								1.2	6.1
SE	.7	.6	.9	.1								2.3	6.3
SSE	.9	1.1	1.6	.5	.0							4.2	6.9
S	1.3	2.6	3.0	.9								7.8	6.9
SSW	.9	2.0	1.5	.2	.0							4.6	5.9
SW	1.4	2.8	1.1	.2								5.4	5.2
WSW	1.0	1.0	.7	.1	.0							2.8	5.4
W	.7	1.1	.5	.2	.0							2.6	5.5
WNW	.5	1.0	.7	.2	.0							2.4	6.3
NW	1.0	2.0	1.4	.4	.0							4.9	6.3
NNW	1.8	3.2	1.7	1.1	.5	.1	.0					9.4	7.2
VAPBL													
CALM												15.1	
	14.8	26.6	26.6	12.1	3.2	.7	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3816

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (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	1.4	2.8	4.1	2.9	1.1	.5						12.8	9.4
NNE	1.2	2.7	4.6	3.5	.9	.3	.0					13.4	9.8
NE	1.3	1.7	2.8	1.2	.3							7.2	8.0
ENE	.2	.8	.5	.2								1.9	6.8
E	.4	.6	.1	.1								1.1	5.0
ESE	.3	.2	.2									.7	4.1
SE	.3	.5	.4	.3								1.5	7.0
SSE	.6	1.2	1.1	.2								3.2	6.2
S	1.2	1.7	2.5	.4								5.9	6.6
SSW	1.1	1.7	.8	.1								3.7	5.1
SW	1.5	2.4	1.4	.1								5.4	5.3
WSW	1.1	1.3	1.0	.2								3.6	5.6
W	1.3	1.9	.7	.3								4.1	5.3
WNW	.6	.9	.5	.1	.0							2.1	5.7
NW	1.1	2.0	1.1	.6	.1	.0						4.9	6.4
NNW	1.3	4.3	2.5	1.3	.3	.1						10.1	6.7
VARBL													
CALM												17.8	
	16.0	26.9	24.5	13.2	3.7	.9	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3423

USAFETAC FORM JUL 62 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (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	3.9	3.7	3.4	1.1	.3		.1				14.2	7.3
NNE	1.2	2.8	4.8	3.8	1.4	.2						14.3	7.8
NE	.8	2.4	3.1	1.8	.4							8.6	8.5
ENE	.3	.9	.4	.2		.0						1.7	6.9
E	.4	.7	.1	.1								1.3	5.2
ESE	.2	.1	.1	.1								.6	6.0
SE	.4	.7	.6	.1								1.7	5.9
SSE	.5	.8	1.0	.2	.0							2.6	6.5
S	1.2	2.2	1.7	.2								5.3	5.9
SSW	1.0	1.9	.8	.0								3.7	5.0
SW	1.1	2.0	1.0									4.1	5.1
WSW	1.0	1.5	1.3	.1								3.9	5.7
W	1.3	1.7	.9	.2	.1							4.2	5.5
WNW	.3	.7	.5	.1	.0							1.6	6.3
NW	1.6	2.0	1.3	.6	.1	.1						5.7	6.1
NNW	1.9	4.2	2.2	1.3	.2	.0	.0					9.8	6.7
VARBL													
CALM												16.4	
	14.7	23.7	23.6	12.5	3.4	.6	.0	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 5426

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (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	1.6	3.0	4.?	1.7	.8	.1					12.3	11.8
NNE	.5	1.8	4.6	5.1	1.2	.3						13.6	10.9
NE	.9	1.9	4.5	2.9	.5	.1						10.8	9.6
ENE	.8	1.7	1.8	.8	.1							5.3	7.4
E	.7	1.5	.6	.1								3.1	5.7
ESE	.4	.6	.3	.0								1.3	5.3
SE	.5	.9	.3	.2	.0							2.0	5.9
SSE	.3	.8	1.5	.8	.1							3.6	8.+
S	1.1	2.7	3.0	1.8	.3							8.8	7.9
SSW	1.1	2.4	3.3	1.3	.1	.0						8.2	7.5
SW	.9	2.2	2.5	.6			.2					6.4	7.4
WSW	.5	1.1	1.6	.4								3.6	7.1
W	.6	.8	.6	.1	.1	.1						2.3	7.1
WNW	.2	.4	.3	.3	.1	.1						1.3	9.2
NW	.4	.8	1.0	.8	.1	.1						3.1	8.6
NNW	.6	1.0	1.4	2.0	.6	.2						5.8	10.7
VARBL													
CALM												8.7	
	10.3	22.0	30.7	21.8	6.8	1.7	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 3422

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	3.0	3.8	1.6	.6	.1					10.8	12.2
NNE	.6	1.4	3.3	5.2	1.0	.4						11.8	11.4
NE	.7	1.8	4.3	2.7	.4	.1						9.9	9.3
ENE	.3	1.4	2.0	.4	.1							4.2	7.5
E	.6	1.4	1.2	.1	.0							3.5	6.0
ESE	.4	.6	.4	.0	.0							1.5	5.7
SE	.4	.6	.6	.5	.1							2.1	7.9
SSE	.4	1.1	1.5	.9	.0	.0						4.0	8.2
S	1.1	2.5	4.6	4.4	.4	.1						13.1	9.3
SSW	.8	2.4	6.1	3.1	.2	.1						12.7	8.9
SW	.6	1.9	3.1	1.3	.2	.0						7.2	8.5
WSW	.3	.9	1.2	.6	.0							3.0	7.9
W	.2	.6	.8	.4	.2							2.3	8.8
WNW	.1	.2	.4	.5	.1	.1						1.5	10.5
NW	.1	.5	.9	.8	.2	.1						2.7	10.8
NNW	.1	.5	1.2	1.7	.7	.3						4.4	12.7
VARBL													
CALM												5.3	
	7.3	19.0	34.7	26.6	5.3	1.3	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 3418

USAFETAC FORM JUL 64 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	2.9	3.8	1.4	.3	.0					9.8	12.0
NNE	.4	1.6	4.5	3.8	1.3	.3						11.9	10.9
NE	.5	1.7	3.6	2.4	.4	.1						8.7	9.4
ENE	.4	1.8	2.0	.4	.1							4.7	7.2
E	.8	1.9	1.3	.1								4.1	6.0
ESE	.4	1.0	.7	.1	.0	.0						2.2	6.6
SE	.7	.9	.9	1.2	.1							3.7	8.2
SSE	.5	1.2	2.5	1.5	.1							5.8	8.7
S	1.0	3.4	5.8	3.4	.1							13.6	8.4
SSW	1.0	2.7	5.7	1.7	.1							11.1	8.0
SW	.6	1.5	2.4	1.2	.1							5.7	8.1
WSW	.3	.5	1.2	.5	.1							2.6	8.3
W	.3	.6	.8	.3	.1							2.1	7.9
WNW	.1	.3	.3	.4	.1	.1			.0			1.4	11.4
NW	.2	.4	.6	.8	.3	.1						2.4	11.2
NNW	.1	.7	1.0	1.7	.5	.2						4.2	11.9
VARBL													
CALM												5.9	
	7.4	21.3	36.1	23.5	4.7	1.1	.0		.0			100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 3430

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (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	1.0	2.1	3.2	2.2	.7	.1	.1					9.5	9.4
NNE	.7	2.1	3.7	3.4	1.3	.5	.0					11.6	10.7
NE	.8	2.4	4.5	2.1	.3	.1						10.1	8.6
ENE	.8	1.9	2.0	.2								4.9	6.3
E	1.0	1.9	.7	.1								3.7	5.1
ESE	.7	.9	.9	.4								2.9	6.7
SE	1.1	1.8	2.5	1.5								6.9	7.6
SSE	1.1	2.6	2.6	1.5	.1							8.1	7.5
S	2.3	4.1	2.3	.2	.1							9.1	5.5
SSW	1.2	2.8	1.3	.1								5.5	5.4
SW	.8	1.5	.9	.1								3.4	5.6
WSW	.3	.8	.3		.0							1.5	5.8
W	.3	.6	.2	.1	.0							1.2	6.1
WNW	.4	.4	.3	.2								1.2	6.4
NW	.4	.7	.8	.3	.1	.1	.0					2.3	8.0
NNW	.4	1.2	1.5	.7	.1	.1						3.9	8.2
VARBL													
CALM												14.3	
	13.2	27.8	27.9	13.1	2.7	.8	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 3424

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (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	1.5	3.0	2.6	2.3	.6	.2	.0					10.2	8.7
NNE	1.2	2.1	2.8	3.7	1.1	.4	.1	.0				11.4	10.5
NE	1.1	2.4	4.0	2.4	.3	.1						10.3	8.8
ENE	.6	1.3	1.2	.2								3.3	6.4
E	.5	.8	.2	.1								2.0	4.9
ESE	.4	.5	.7	.2								1.8	6.9
SE	.6	1.7	2.3	.6								5.2	7.3
SSE	1.2	2.1	3.0	1.6	.1							8.0	7.6
S	1.6	3.5	2.0	.8								7.9	6.1
SSW	.8	2.0	1.3	.2								4.2	5.9
SW	1.2	1.5	1.1	.1								3.9	5.1
WSW	.4	.8	.6									1.8	5.4
W	.6	.8	.3	.1								1.7	5.0
WNW	.4	.6	.5	.2	.1							1.8	6.3
NW	.9	1.3	.6	.4	.0	.0	.0					3.2	6.4
NNW	1.3	2.8	1.4	.7	.3	.1	.0					6.6	7.1
VARBL													
CALM												16.8	
	14.4	27.0	24.6	13.7	2.5	.9	.1	.0				100.2	6.2

TOTAL NUMBER OF OBSERVATIONS 3418

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (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	1.1	3.0	2.9	2.4	.7	.3						10.3	9.0
NNE	.9	1.8	3.4	2.9	.5	.2						9.8	9.5
NE	1.0	2.6	4.0	2.4	.3	.0						10.3	8.4
ENE	.6	.8	1.5	.5	.1							3.4	7.9
E	.4	1.1	.9	.2								2.6	6.3
ESE	.3	1.0	.7	.2								2.2	6.6
SE	.7	1.7	1.8	.7	.0							4.9	7.3
SSE	1.0	2.2	2.0	.9	.0							6.1	7.0
S	1.5	2.7	3.4	1.2	.3	.0						9.2	7.6
SSW	1.0	2.2	1.7	.3								5.2	6.0
SW	1.0	1.8	.9	.0								3.8	5.1
WSW	.5	.8	.3	.1								1.7	5.2
W	.7	.9	.5	.1								2.1	5.2
WNW	.5	.7	.7	.1	.1	.0						2.0	6.6
NW	1.0	1.2	1.4	.6	.1							4.3	7.0
NNW	1.5	3.3	1.3	.8	.4	.2						7.5	7.1
VARBL													
CALM												14.5	
	13.6	27.8	27.6	13.3	2.5	.7						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 3053

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0200-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.8	2.7	3.3	.6	.3						12.6	9.0
NNE	1.0	2.3	4.3	3.5	.5	.2	.1					11.9	9.5
NE	.9	2.0	3.6	2.1	.2	.0						8.9	8.5
ENE	.5	1.1	1.3	.5								3.4	6.9
E	.8	1.1	.7	.2								2.8	5.7
ESE	.3	.2	.3	.1								1.4	5.4
SE	.5	1.0	.7	.4								2.5	6.5
SSE	.4	.9	1.3	.5	.1							3.2	7.7
S	1.0	1.9	2.7	.8	.1							6.5	7.3
SSW	1.2	1.5	.7	.1								3.8	5.4
SW	1.3	2.5	1.0	.1								4.8	5.1
WSW	.9	1.4	.8	.1								3.1	5.1
W	1.1	1.0	.9	.1								3.1	5.1
WNW	.5	.5	.4	.1	.0	.1						1.6	6.6
NW	1.4	1.4	1.5	.5	.2							5.1	6.6
NNW	1.7	4.0	1.5	.9	.4	.2						8.8	6.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.4	
	15.2	27.3	24.8	13.2	2.2	.8	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3055

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (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	2.1	3.3	3.9	3.2	1.1	.4	.0					14.0	9.2
NNE	1.2	2.4	4.0	3.6	.5	.2	.1					11.9	9.6
NE	1.0	2.3	4.6	2.3	.2							10.6	8.5
ENE	.8	1.8	1.1	.3		.0						4.1	6.3
E	.6	1.2	1.0	.3								3.2	6.4
ESE	.4	.6	.4	.2								1.5	5.9
SE	.3	.9	.6	.2								2.0	6.6
SSE	.6	.9	.7	.4	.1							2.6	7.0
S	.3	1.9	2.0	.6								5.2	7.0
SSW	.7	1.7	1.1	.4								3.9	6.2
SW	.9	1.8	1.2	.1								4.0	5.5
WSW	.5	1.1	.9	.2	.0							2.7	5.9
W	.7	1.2	1.1	.3	.1	.0						3.4	6.6
WNW	.5	.5	.2	.2	.0							1.5	6.1
NW	1.1	1.2	1.2	.6	.1	.0						4.4	6.9
NNW	2.0	3.5	1.6	1.1	.4	.1	.0					8.8	6.9
VARBL													
CALM												16.3	
	14.1	26.4	25.9	13.8	2.5	.8	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 3056

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) FEB (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	.8	1.2	2.6	4.1	1.5	.6						10.8	12.0
NNE	.5	1.6	3.1	4.1	1.1	.3	.1					10.8	11.2
NE	.7	2.7	3.8	4.1	.4							11.8	9.4
ENE	.5	1.6	3.1	1.2	.2	.0						7.2	8.1
E	.7	2.0	2.2	.5								5.3	6.9
ESE	.5	.7	1.0	.2								2.4	6.6
SE	.4	1.2	1.0	.6								3.1	7.3
SSE	.2	1.0	1.9	1.0	.1							4.2	8.7
S	.7	1.5	3.1	2.2	.5							7.9	9.2
SSW	.6	1.9	3.5	1.9	.2							8.1	8.6
SW	.6	1.5	2.9	1.2	.0							6.2	7.9
WSW	.3	1.2	1.4	.5	.2							3.5	7.8
W	.3	.6	.9	.3	.0	.1						2.2	8.1
WNW	.2	.3	.5	.3	.1	.3						1.7	11.1
NW	.2	.3	.5	.8	.4	.0						2.4	11.0
NNW	.6	.9	1.6	1.7	1.0	.4	.0	.0				6.4	11.7
VARBL													
CALM												6.0	
	8.2	20.4	33.2	24.5	5.7	1.8	.1	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 3055

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) FEB (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	.5	1.3	2.7	3.8	1.4	.6	.1	.0				10.5	12.1
NNE	.4	1.2	2.7	3.4	1.0	.2						8.8	11.2
NE	.7	1.2	3.5	3.1	.4	.0						8.9	9.6
ENE	.5	1.3	2.6	1.3	.1							5.9	8.5
E	.7	1.9	2.5	.6	.1							5.7	7.2
ESE	.4	1.1	1.3	.2	.0							3.0	6.9
SE	.5	1.2	1.9	.6	.2							4.4	8.1
SSE	.3	.6	2.1	2.0	.3	.1						5.2	10.2
S	.5	1.7	4.6	3.9	.7	.1						11.6	10.0
SSW	.5	1.5	5.3	2.7	.4	.0						10.5	9.3
SW	.4	1.5	2.8	1.4	.2							6.4	8.8
WSW	.1	.6	.9	.7	.1	.0						2.4	9.2
W	.1	.6	1.0	.5	.1	.1						2.3	9.5
WNW	.1	.4	.6	.8	.3	.0	.0					2.2	11.2
NW	.2	.3	.6	.9	.7	.2	.0					2.8	12.8
NNW	.2	.5	1.3	2.5	1.0	.6	.1					6.1	13.4
VARBL													
CALM												3.3	
	6.1	17.0	36.4	28.3	6.8	1.9	.2	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 3051

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) FEB (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	1.0	2.9	4.7	.9	.4						10.1	11.8
NNE	.3	1.1	2.8	3.2	.8	.2	.1					8.4	11.2
NE	.6	1.2	3.1	2.3	.4							7.6	9.6
ENE	.2	1.2	3.6	1.6	.1	.0	.0					6.7	9.3
E	.6	2.1	1.5	.3	.0							4.8	6.4
ESE	.6	1.0	1.5	.7	.1							3.8	7.8
SE	.4	1.3	2.5	1.4	.6	.0						6.3	9.5
SSE	.3	.9	3.2	2.8	.5	.1						7.6	10.3
S	.6	2.0	5.9	3.8	.1							12.5	9.3
SSW	.5	1.9	4.0	2.0	.2	.0						8.6	8.9
SW	.4	1.2	2.3	1.0	.1	.0						5.0	8.5
WSW	.3	.6	.8	.5	.1							2.2	8.1
W	.3	.3	.7	.7	.2	.0	.0					2.2	10.3
WNW	.3	.2	.5	.4	.3	.1						1.8	11.6
NW	.3	.3	.7	1.1	.4	.1	.0					2.9	12.1
NNW	.2	.7	1.5	2.2	.9	.6	.1					6.2	13.2
VARBL													
CALM												3.2	
	6.2	16.9	37.3	28.8	5.7	1.7	.3					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 3046

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) FEB (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	1.7	2.8	2.7	.5	.4	.0	.0				8.7	10.3
NNE	.7	1.7	3.4	2.6	.5	.2						9.9	9.6
NE	.8	2.1	4.2	2.0	.2	.1						9.4	8.7
ENE	.5	2.2	2.8	1.1	.0							6.7	7.8
E	1.4	2.1	1.6	.4								5.5	5.2
ESE	.9	1.7	1.5	.9	.1							5.0	7.4
SE	1.0	3.0	4.0	2.6	.3	.0						10.9	8.5
SSE	1.1	2.0	4.0	2.8	.3							10.1	8.9
S	1.7	4.7	2.7	.7								9.8	6.0
SSW	.7	1.7	1.0	.1								3.6	5.6
SW	.6	1.4	.5	.0								2.5	5.1
WSW	.3	.4	.2	.0								.9	5.1
W	.4	.4	.2	.2								1.1	5.8
WNW	.1	.1	.4	.3	.1	.0						1.1	10.2
NW	.3	.5	.7	.5	.1	.0						2.1	8.5
NNW	.6	1.1	1.2	1.0	.5	.4	.1	.0				4.7	10.2
VARBL													
CALM												9.8	
	11.6	26.6	31.3	17.8	2.7	1.0	.1	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 3644

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 35-75 (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	1.2	2.3	2.1	2.2	.8	.2						8.8	9.4
NNE	1.0	1.9	3.4	2.9	1.0	.1						10.2	9.8
NE	1.0	2.6	4.6	1.9	.1	.1						10.3	8.2
ENE	.5	1.2	2.5	.4								4.5	7.3
E	.7	1.5	1.0	.5								3.8	6.4
ESE	.5	1.3	1.3	.3								3.5	6.7
SE	.9	1.8	3.5	1.8	.2	.0						8.3	8.4
SSE	.4	3.4	4.8	2.5	.3							11.3	8.6
S	1.3	3.6	3.2	1.3	.1							9.5	7.0
SSW	.6	1.5	.6	.1	.0							2.9	5.6
SW	.4	1.2	.4									2.0	5.1
WSW	.3	.6	.2	.1								1.1	5.2
W	.5	.6	.3	.1								1.5	5.2
WNW	.3	.3	.4	.2	.1							1.2	7.2
NW	.6	.9	.6	.4	.3	.1						2.8	8.2
NNW	1.1	2.0	1.3	.6	.5	.1	.1					5.8	8.1
VARBL													
CALM												12.5	
	11.1	26.9	30.2	15.2	3.4	.6	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 3050

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 29-48,47-71,73-75 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.C.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	2.5	1.6	1.9	1.0	.4	.1					8.7	9.7
NNE	1.6	2.1	2.8	2.0	.6	.1						9.6	8.4
NE	1.4	2.9	3.7	1.8	.7	.1						10.6	8.3
ENE	.7	1.1	1.1	.2	.1							3.2	6.7
E	.8	.6	.7	.0								2.2	5.2
ESE	.7	1.1	.8	.3	.0							3.0	6.1
SE	1.3	2.4	2.5	1.2	.1							7.5	7.2
SSE	1.0	3.1	5.1	2.5	.2							11.9	8.2
S	1.7	4.1	4.8	1.5	.2							12.3	7.2
SSW	.8	1.9	1.5	.1								4.3	5.7
SW	.5	1.2	.4	.1								2.2	5.3
WSW	.1	.6	.3									1.0	5.5
W	.3	.3	.4	.1								1.3	5.6
WNW	.2	.1	.2	.2								.7	8.4
NW	.4	.6	.3	.3	.1	.0						1.8	7.9
NNW	.9	2.5	1.2	.7	.2	.2						5.7	7.6
VARBL													
CALM												14.1	
	13.1	27.2	27.5	14.0	3.2	.8	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3244

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-48,47-71,73-75 (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	1.5	2.9	2.4	2.3	.8	.3	.2					10.4	9.5
NNE	1.2	2.3	3.3	2.5	.6	.4	.1					10.3	9.3
NE	1.5	2.3	3.4	1.5	.3	.2						9.1	8.2
ENE	.9	.7	.6	.1	.0	.1						2.4	5.8
E	1.0	1.3	.2	.1								2.5	4.5
ESE	.3	1.1	.5	.1								2.0	5.8
SE	.9	2.0	1.3	.3	.0	.0						4.6	6.3
SSE	1.0	2.2	3.0	1.0	.0							7.2	7.4
S	1.3	3.3	3.6	1.4	.0	.0						9.7	7.1
SSW	1.3	2.1	1.9	.3								5.6	6.0
SW	1.0	1.2	.7	.1	.0	.0						3.1	5.7
WSW	.4	.8	.5	.0								1.7	5.8
W	.6	.8	.5	.0								2.0	5.1
WNW	.2	.4	.4	.2								1.2	7.1
NW	.8	1.3	1.0	.3	.2							3.6	6.7
NNW	1.7	3.5	1.5	.6	.5	.2	.0					7.9	7.1
VARBL													
CALM												16.6	
	15.6	28.1	24.8	10.8	2.5	1.2	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3240

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-71,73-75 (YEARS) APR (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	2.1	2.5	2.8	2.4	.9	.6	.1					11.4	9.5
NNE	1.0	2.1	3.4	3.1	1.1	.6						11.3	10.4
NE	1.7	2.4	4.1	1.7	.4	.2						10.6	8.3
ENE	.9	1.4	1.1	.3	.1							3.8	6.5
E	1.3	1.6	.6	.2			.0					3.7	5.4
ESE	.7	.7	.5	.2								2.0	5.5
SE	.8	1.4	1.4	.4	.0							4.0	6.6
SSE	1.0	1.5	2.2	.8								5.5	7.5
S	1.5	2.5	3.0	.8	.0							7.7	6.7
SSW	.8	1.8	1.4	.4								4.4	6.3
SW	.6	1.9	.6	.3								3.4	5.7
WSW	.6	1.3	.8	.1	.1							2.9	5.9
W	.6	1.3	.6	.1								2.6	5.3
WNW	.5	.5	.5	.2	.0							1.7	6.3
NW	.6	.7	.4	.4	.1							2.3	7.4
NNW	1.2	2.8	1.5	1.1	.2	.2						7.2	7.8
VARBL													
CALM												14.6	
	15.8	26.4	25.8	12.4	3.1	1.7	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 3241

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-71,73-75 (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	.9	1.7	3.0	1.8	.6	.1					8.4	13.1
NNE	.5	1.0	2.6	3.8	1.9	.3	.0					10.1	12.2
NE	1.2	1.0	2.8	3.1	.6	.2						9.5	9.9
ENE	.6	1.8	2.9	1.9	.2							7.3	8.6
E	.6	2.6	1.9	.8	.0							6.0	6.9
ESE	.3	1.2	1.2	.3	.0							3.1	7.0
SE	.3	1.3	1.5	1.2	.1							4.5	8.5
SSE	.5	1.6	2.7	2.9	.5	.0						8.3	9.8
S	.7	2.6	5.7	4.3	.7							13.9	9.5
SSW	.6	1.7	3.4	2.2	.4	.1						8.3	9.3
SW	.4	1.4	1.7	.9	.1							4.5	8.0
WSW	.2	.7	1.0	.4	.0	.1						2.4	8.5
W	.2	.4	.5	.4	.1	.0						1.7	8.7
WNW	.1	.2	.5	.4	.3	.1	.0					1.6	12.1
NW	.1	.3	.5	.9	.3	.0						2.2	11.7
NNW	.2	.5	.7	1.3	.7	.4	.1					3.9	13.4
VARBL													
CALM												4.3	
	6.8	19.7	31.5	27.9	7.7	1.9	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 3248

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 29-45,47-71,73-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	2.3	2.8	1.5	.3						8.1	12.4
NNE	.4	.9	1.6	3.0	1.0	.3						7.2	11.8
NE	.5	1.3	2.9	2.7	.4	.1						7.9	9.9
ENE	.2	1.6	2.3	1.0	.2							5.3	8.5
E	1.0	1.9	2.8	.5								6.1	6.9
ESE	.4	.9	1.6	.7								3.6	7.7
SE	.3	1.3	2.2	1.5	.3							5.7	9.4
SSE	.4	1.8	4.0	3.8	.8	.0						10.9	10.3
S	.8	2.2	5.6	5.7	.6	.1	.0					14.9	10.1
SSW	.5	1.8	3.8	2.7	.3	.0						9.1	9.4
SW	.5	1.1	1.8	.9	.1	.0						4.3	8.2
WSW	.1	1.0	.6	.6	.2	.0						2.7	8.7
W	.3	.6	.6	.8	.3	.2						2.7	11.0
WNW	.0	.2	.4	.6	.4	.3						1.9	13.9
NW	.2	.6	.5	1.1	.6	.1	.0					3.0	12.2
NNW	.1	.6	.9	1.3	.8	.3						4.0	12.8
VARBL													
CALM												2.6	
	6.0	18.4	34.1	29.5	7.4	1.9	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 3238

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-71,73-75 (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	.3	.7	1.8	2.9	1.1	.4	.1					7.3	12.6
NNE	.3	.7	2.1	2.9	.8	.1						6.9	11.6
NE	.3	1.1	2.5	2.8	.5	.1						7.2	10.4
ENE	.3	1.4	2.2	1.3	.1							5.3	8.6
E	.5	1.9	2.6	.8	.0							5.9	7.6
ESE	.4	1.4	2.1	1.0	.2							5.0	8.5
SE	.3	1.5	3.4	3.4	1.1	.2						10.0	10.8
SSE	.5	1.9	4.8	5.4	.8	.2						13.5	10.5
S	.9	2.5	5.5	4.4	.3	.1						13.7	9.5
SSW	.4	1.5	3.0	1.5	.2							6.5	8.7
SW	.2	.7	1.5	.9	.0							3.3	9.2
WSW	.2	.5	.7	.4	.1							1.9	8.6
W	.2	.6	.8	.6	.1	.2						2.4	10.4
WNW		.2	.6	.6	.2	.1	.1					1.8	12.9
NW	.2	.2	.5	1.3	.6	.2	.0					3.0	13.5
NNW	.2	.4	.8	1.3	.8	.3	.0	.0				3.7	13.5
VARBL													
CALM												2.6	
	5.0	17.1	35.0	31.4	6.9	1.8	.2	.0				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 3247

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-75 (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	.4	1.5	2.2	2.2	.5	.3	.1					7.4	10.8
NNE	.5	1.3	2.7	2.3	.6	.1						7.5	10.0
NE	.6	1.9	3.2	2.7	.2							8.8	9.2
ENE	.3	1.8	2.4	.8	.1							5.4	8.1
E	.9	2.7	2.2	.5	.0							6.4	6.5
ESE	.9	2.0	2.4	1.1		.0						6.5	7.5
SE	.8	3.3	6.0	5.5	1.0	.0						16.7	9.9
SSE	.7	2.6	5.4	5.6	.8	.1						15.3	9.9
S	1.0	3.0	2.5	1.2	.0	.1						7.7	7.3
SSW	.3	1.1	1.0	.3								2.7	6.8
SW	.2	.7	.5	.0								1.5	6.1
WSW	.3	.5	.2	.1								1.1	5.5
W	.2	.4	.2	.2	.0	.0						1.1	7.5
WNW	.2	.3	.3	.2	.1							1.1	8.4
NW	.2	.2	.5	.6	.1	.1	.0					1.8	10.5
NNW	.2	.7	.6	.9	.3	.3	.0					3.1	11.4
VARBL													
CALM												5.9	
	7.9	24.2	32.6	24.4	3.9	1.0	.2					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 3246

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-75 (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	.9	2.1	1.8	1.7	.6	.2	.1	.0				7.4	9.5
NNE	.8	1.4	2.4	2.7	.7	.2						8.2	10.3
NE	1.2	2.5	3.3	2.8	.5							10.6	8.8
ENE	.6	1.2	1.9	.4			.0					4.1	7.4
E	1.3	1.2	1.1	.2								3.7	5.4
ESE	.5	1.4	1.8	.7								4.4	7.4
SE	.8	3.1	6.3	3.2	.2	.0						13.7	8.6
SSE	.8	4.1	8.0	5.2	.4	.0						18.5	9.0
S	1.1	2.8	3.9	1.4	.2							9.4	7.6
SSW	.2	.5	.8	.2								1.7	7.1
SW	.0	.5	.3									.8	6.4
WSW	.1	.4	.3	.0								.8	6.1
W	.0	.4	.1	.0								.6	6.1
WNW	.1	.2	.2	.2								.7	8.5
NW	.3	.6	.4	.2	.1	.1						1.7	7.8
NNW	.4	1.8	1.0	.2	.3	.3						4.0	8.4
VARBL													
CALM												9.7	
	8.9	24.2	34.2	19.0	3.0	.9	.1	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 3250

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	1.6	2.2	1.3	1.4	.3	.2	.0	.0				7.1	8.2
NNE	.9	1.5	2.3	1.6	.3	.2						6.9	8.9
NE	.9	2.0	2.6	.9	.3	.1						6.7	7.9
ENE	.7	1.1	1.1	.2	.1	.0						3.1	6.6
E	1.2	1.3	.8	.2	.0							3.6	5.5
ESE	.7	1.8	1.8	.5	.1							4.9	6.9
SE	1.5	4.6	4.5	1.8	.2	.1						12.7	7.4
SSE	1.6	3.8	7.1	3.0	.2	.1	.0					15.8	8.2
S	1.6	3.9	6.0	2.7	.0							14.2	7.7
SSW	.8	1.0	.9	.1								2.7	5.6
SW	.4	.8	.6	.1	.0							1.9	6.0
WSW	.3	.4	.2		.0							.8	5.3
W	.2	.3	.1	.1	.0							.7	6.1
WNW	.1	.2	.2	.0								.5	6.2
NW	.5	.4	.5	.2	.1	.1						1.7	7.7
NNW	.7	2.2	.6	.4	.1	.1	.0					4.1	6.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.5	
	13.5	27.5	30.7	13.0	1.8	.8	.1	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 3307

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) APR (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	2.5	2.1	1.8	.5	.2	.0					9.0	8.4
NNE	.9	2.1	2.3	2.0	.4	.1	.1					7.8	8.9
NE	.3	1.8	2.4	1.4	.3	.2						6.9	8.5
ENE	.6	1.1	.4	.2		.0						2.5	5.8
E	1.1	2.1	1.2	.1								4.5	5.2
ESE	.3	1.3	1.2	.2								3.5	6.1
SE	1.8	3.3	2.8	1.0	.1							9.0	6.7
SSE	1.2	4.0	4.0	1.4	.1							10.8	7.1
S	1.7	4.4	5.2	2.1	.2							13.6	7.4
SSW	.5	1.5	1.1	.3		.0						3.5	6.5
SW	.9	.8	.4	.1								2.2	4.8
WSW	.5	.5	.6	.1								1.7	5.7
W	.3	.5	.4									1.5	5.0
WNW	.2	.5	.3	.1								1.1	6.0
NW	.5	.6	.4	.2	.2	.1	.1					2.2	8.6
NNW	1.2	2.4	.9	.2	.1	.1		.0				5.2	6.2
VARBL													
CALM												15.3	
	15.3	29.4	25.7	11.6	1.8	.7	.2	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3301

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 28-45.47-75 (YEARS) APR (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	1.5	2.4	2.1	1.8	.5	.3	.0					8.5	8.8
NNE	.8	1.8	2.7	2.1	.5	.2						8.1	9.6
NE	1.2	2.0	3.1	2.0	.7	.2						9.1	9.0
ENE	.8	1.6	1.5	.8	.1							4.7	7.1
E	.8	1.5	1.2	.2								3.6	6.0
ESE	1.1	1.9	1.2	.5								4.6	6.2
SE	1.7	3.1	3.7	.6	.0							9.2	6.5
SSE	1.1	3.7	4.9	2.1	.1	.0						11.8	7.7
S	.9	3.4	4.3	1.9	.1							10.5	7.7
SSW	.9	1.6	.9	.4								3.8	6.2
SW	.4	.9	.8	.1								2.2	6.0
WSW	.2	.7	.7	.1								1.6	6.7
W	.5	.8	.5	.1								2.0	5.8
WNW	.2	.1	.3	.2	.1							.8	8.7
NW	.5	.6	.5	.2	.1		.0					1.9	7.3
NNW	1.1	1.6	1.3	.5	.3	.1	.0	.0				4.9	7.5
VARBL													
CALM												12.6	
	13.5	27.5	29.5	13.4	2.4	.8	.1	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3304

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) APR (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	.5	1.8	2.4	.8	.2						5.9	12.2
NNE	.2	.4	2.1	2.6	.7	.4						6.4	12.1
NE	.4	.9	2.6	2.6	.6	.4						7.6	11.0
ENE	.6	1.6	2.8	1.7	.3	.0						7.0	8.9
E	.9	2.4	2.9	.4	.0							6.6	6.8
ESE	.7	1.5	2.1	.8	.1							5.3	7.4
SE	.7	1.8	3.6	2.3	.3	.0						8.8	9.0
SSE	.7	1.9	6.2	4.5	.3	.1						13.6	9.8
S	1.0	2.8	7.3	5.7	1.0	.0						17.8	9.9
SSW	.6	1.2	3.3	1.9	.2							7.2	9.1
SW	.5	.8	1.2	.6								3.2	7.7
WSW	.1	.6	.5	.4	.1							1.7	8.6
W	.2	.2	.6	.3	.1	.0						1.4	9.2
WNW	.1	.0	.4	.3	.1							1.0	11.1
NW	.1	.2	.4	.3	.2	.1	.1					1.4	11.5
NNW	.0	.3	1.0	.8	.5	.2	.1					2.8	12.5
VARBL													
CALM												2.4	
	7.1	17.0	38.8	27.8	5.3	1.4	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 3308

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	.2	.7	1.2	2.1	.8	.2						5.4	11.5
NNE	.1	.7	1.7	2.1	.6	.2						5.4	11.6
NE	.4	1.4	3.6	2.4	.5	.1						7.7	9.8
ENE	.3	1.2	2.4	1.2	.2	.1						5.3	8.9
E	.5	1.6	2.4	.5	.1							5.1	7.4
ESE	.4	1.1	2.7	1.5	.2							5.9	9.1
SE	.7	2.2	4.4	3.5	.8	.1						11.7	9.9
SSE	.2	2.3	5.8	5.7	.9	.2						15.2	10.6
S	.8	2.5	7.0	7.0	.8	.1						18.2	10.1
SSW	.3	1.3	2.0	1.2	.2							5.1	9.0
SW	.2	1.2	1.4	.7	.0							3.5	8.0
WSW	.3	.4	.6	.2	.1	.0						1.9	8.1
W	.1	.4	.5	.3	.2	.2	.0					1.7	10.9
WNW	.1	.0	.3	.2	.1							.8	10.2
NW	.1	.3	.6	.7	.2	.1	.1	.0				2.1	12.3
NNW	.2	.5	.9	.9	.4	.0	.0					3.0	10.9
VARBL													
CALM												2.1	
	5.1	17.9	37.2	30.3	6.0	1.2	.2	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 3306

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 36-45,47-75 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (I.S.T.))

(CONDITION)

SPEED (KNTS) D.R.	1 - 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	1.4	2.1	.9	.3						5.5	12.2
NNE	.2	.8	1.6	2.1	.3	.1						5.3	10.5
NE	.1	1.1	2.3	2.3	.3		.0					6.1	10.3
ENE	.2	1.0	2.5	1.1	.3	.0						5.1	9.4
E	.6	1.6	2.5	1.0	.0	.0						5.9	7.9
ESE	.8	1.8	3.6	2.7	.6	.1						9.6	9.6
SE	.6	2.9	6.1	7.1	1.1	.3	.0					18.0	10.6
SSE	.5	2.1	5.6	6.8	1.1	.2	.1					16.4	10.8
S	.4	2.5	4.0	3.6	.6	.1						11.1	9.8
SSW	.2	.9	2.0	1.2	.1							4.3	9.0
SW	.2	.6	1.0	.3	.1							2.2	8.1
WSW	.1	.3	.7	.3	.1							1.5	8.8
W	.0	.3	.5	.4	.2	.0						1.3	10.7
WNW		.2	.5	.5	.1							1.4	11.0
NW	.1	.1	.5	.7	.1	.1	.1	.1				1.8	13.3
NNW	.0	.4	.7	.8	.3	.1	.0					2.4	11.9
VARBL													
CALM												2.1	
	4.1	17.3	35.7	33.0	6.1	1.2	.3	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 3304

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

DATA PROCESSING
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 28-45,47-75 (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	.5	.9	1.9	1.2	.4	.1						5.0	9.6
NNE	.5	1.2	2.4	1.5	.3	.1						6.0	9.1
NE	.6	1.8	2.3	1.8	.2	.1						6.8	8.9
ENE	.5	1.2	1.9	.9	.3	.0						4.8	8.5
E	1.2	2.6	2.3	.9	.1	.0						7.0	6.9
ESE	.9	2.4	4.0	2.6	.5							10.4	8.8
SE	1.2	3.8	9.8	9.6	1.8	.4						26.6	12.4
SSE	.8	2.5	5.6	6.3	1.1	.3						16.4	10.4
S	.6	1.2	2.0	.9	.1							4.6	7.9
SSW	.2	.6	.7	.4	.1							2.1	7.8
SW	.1	.5	.2	.1								.8	6.1
WSW	.0	.2	.3	.0								.5	7.3
W	.2	.2	.2									.5	5.1
WNW	.0	.1	.1	.1	.0		.0					.4	10.8
NW	.1	.2	.3	.4	.2	.1						1.3	11.7
NNW	.2	.5	.7	.4	.2	.0	.0					2.0	9.3
VARBL													
CALM												4.7	
	7.7	19.7	34.7	26.9	5.2	1.0	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 3291

DATA PROCESSING BR · CF
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONI (STATION NAME) 68-45,47-75 (YEARS) APR (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	1.3	1.7	1.8	.9	.4	.1						5.6	5.0
NNE	.7	1.9	1.8	1.0	.5	.1						6.5	8.9
NE	.9	1.9	2.5	1.2	.2	.0						6.8	7.9
ENE	.8	1.2	1.9	.4	.1							4.3	7.2
E	.8	1.9	1.5	.2								4.5	6.1
ESE	.6	1.8	3.0	.9	.2							6.7	7.8
SE	1.2	4.2	9.3	5.9	.6	.1						21.2	9.3
SSE	.5	4.7	9.5	6.6	.6	.1						22.0	9.4
S	.7	1.8	3.0	1.3	.2							7.0	8.1
SSW	.2	.4	.6	.1	.0							1.4	7.0
SW	.1	.2										.3	4.4
WSW	.0	.1	.1	.1								.3	7.0
W	.1	.1	.0	.0								.3	5.8
WNW	.1	.2	.0	.0	.0							.3	7.0
NW	.2	.4	.3	.1	.1	.0						1.1	7.6
NNW	.4	1.2	.8	.4	.2	.0						3.0	7.7
VARBL													
CALM												8.6	
	8.6	23.7	35.8	19.8	3.1	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 3293

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONI (STATION NAME) 38-75 (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	1.5	2.2	1.4	.5	.1							5.7	6.1
NNE	.8	1.3	1.8	.8	.3	.1						5.0	8.2
NE	.5	1.8	1.3	1.0	.1	.1						4.9	7.8
ENE	.6	.7	.4	.2	.0							2.0	6.0
E	1.1	1.4	.7	.2	.1	.1						3.6	6.0
ESE	.8	1.1	1.6	.5	.1							4.0	6.9
SE	1.5	4.1	5.6	1.7	.2	.1						13.3	7.5
SSE	1.3	5.4	7.2	3.7	.1							17.7	7.9
S	2.5	5.6	6.0	2.0	.1							16.1	6.9
SSW		2.1	.9	.1								4.0	5.4
SW	.7	.8	.5									2.0	5.1
WSW	.1	.3	.1	.1	.0							.7	7.4
W	.1	.3	.2		.0							.7	6.6
WNW	.0	.1	.1	.1								.4	7.4
NW	.4	.3	.1	.1	.1			.1				.9	7.6
NNW	1.1	1.3	.5	.2	.1	.0						3.3	5.6
VARBL													
CALM												15.8	
	13.9	28.9	26.5	11.1	1.3	.3		.1				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3422

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

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 58-75 (YEARS) MAY (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	2.2	1.8	.4	.2	.0	.0	.0				6.3	6.3
NNE	.9	1.3	1.9	1.1	.4	.2						5.8	8.8
NE	1.1	1.7	1.5	.7	.2							5.3	7.0
ENE	.8	.9	.5	.1	.0	.0						2.4	5.5
E	1.0	1.5	.5	.3								3.6	5.3
ESE	1.3	1.7	1.4	.3	.1							4.7	6.1
SE	1.7	3.6	3.4	.9	.1							9.7	6.6
SSE	1.5	3.6	5.0	1.4	.0							11.7	7.2
S	1.7	4.2	5.0	2.0	.0							13.0	7.3
SSW	.9	1.8	1.6	.3								4.5	6.1
SW	.7	1.4	.6	.1								2.8	5.2
WSW	.3	.7	.4									1.4	5.3
W	.3	.6	.2	.0			.0					1.1	5.8
WNW	.2	.2	.3	.1								.7	6.6
NW	.7	.5	.2	.1	.1	.0		.0				1.7	6.3
NNW	1.7	1.7	.6	.1	.0	.0		.0				4.1	5.1
VARBL													
CALM												21.2	
	16.7	27.7	25.0	8.0	1.0	.3	.1	.1				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3426

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	1.4	1.3	1.2	1.2	.2	.0						5.9	7.3
NNE	1.0	1.3	2.1	1.5	.6	.1	.1					6.5	9.3
NE	1.2	1.8	2.3	1.5	.1	.0						7.0	7.9
ENE	.7	1.7	1.2	.4								3.9	6.4
E	.8	1.8	1.2	.1								4.0	5.7
ESE	1.2	1.5	1.5	.2	.1							4.4	6.0
SE	1.3	3.5	4.0	1.3	.1	.1						10.2	7.3
SSE	1.0	3.5	5.2	2.0	.1							11.8	7.9
S	1.7	4.2	6.1	2.9	.1	.0						14.9	7.8
SSW	.7	1.8	2.5	.8								5.8	7.3
SW	.5	.9	.9	.2								2.5	6.4
WSW	.3	.7	.4	.1								1.5	5.9
W	.4	.5	.3	.0								1.3	5.2
WNW	.2	.2	.1	.0								.6	5.4
NW	.5	.3	.4	.1	.0							1.3	6.3
NNW	1.3	1.4	.5	.3	.0							3.5	5.3
VARBL													
CALM												14.9	
	14.1	26.8	29.9	12.6	1.3	.3	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3437

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	.2	.6	1.0	.8	.3	.1						2.9	10.2
NNE	.4	1.1	1.3	1.9	.6	.2	.0					5.4	11.0
NE	.5	1.4	2.6	2.2	.3	.1						7.0	9.4
ENE	.3	1.4	1.9	1.1	.1	.0						4.8	8.3
E	1.1	2.1	1.9	.6		.0						5.7	6.6
ESE	.5	1.2	1.7	.5	.1							4.0	7.4
SE	.6	2.1	4.9	2.6	.2	.0						10.4	9.0
SSE	.7	2.6	7.2	4.4	.9	.1		.0				15.9	9.8
S	.9	3.9	9.1	7.4	.9							22.2	9.6
SSW	.4	2.1	4.2	1.8	.1	.0						8.6	8.4
SW	.5	1.1	1.4	.3								3.3	6.8
WSW	.3	.3	.5	.1								1.3	6.9
W	.3	.4	.3	.1								1.0	5.7
WNW	.1	.2	.1	.1	.0		.0					.6	9.4
NW	.1	.2	.2	.3	.1							.9	9.4
NNW	.2	.2	.8	.5	.1	.1						1.8	9.8
VARBL													
CALM												4.0	
	7.1	20.8	39.0	24.7	3.5	.7	.1	.0				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 3449

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) MAY (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	.5	1.4	1.0	.2	.1	.0					3.4	10.3
NNE	.4	.7	1.4	1.7	.4	.0						4.7	10.3
NE	.3	1.2	2.3	1.5	.3							5.7	9.2
ENE	.4	1.5	1.9	1.0	.1	.0						4.8	8.2
E	.5	1.9	2.8	1.0	.1							6.3	7.7
ESE	.3	1.9	2.9	1.0	.2	.0						6.4	8.2
SE	.9	3.0	6.0	3.9	.8	.1						14.6	9.3
SSE	.7	3.3	7.8	6.2	.6	.1						18.8	9.8
S	.9	3.4	8.9	6.1	.9							20.1	9.6
SSW	.4	1.1	3.1	1.2	.1							5.9	8.5
SW	.5	.5	1.0	.1	.0							2.2	7.0
WSW	.2	.2	.2	.1								.8	6.9
W	.2	.3	.2	.1								.8	5.9
WNW	.1	.1	.2	.1	.0							.4	7.5
NW	.2	.1	.4	.2	.0							1.0	8.5
NNW	.1	.2	.5	.3	.1	.0	.0					1.2	10.2
VARBL													
CALM												2.8	
	6.3	19.8	41.2	25.7	3.9	.4	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 3450

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	.3	1.2	1.2	.4	.1						3.4	11.5
NNE	.3	.9	1.6	1.4	.3	.1						4.6	9.7
NE	.2	1.0	2.1	1.4	.2	.0						4.9	9.3
ENE	.3	1.4	2.0	.8	.2	.1						4.9	8.6
E	.8	2.6	3.1	1.0	.2	.1						7.7	7.7
ESE	.3	2.1	3.4	2.2	.6	.1						8.7	9.7
SE	.8	3.6	7.3	8.2	1.8	.2						22.0	10.6
SSE	.6	2.7	8.1	8.8	1.4	..						21.8	10.7
S	.8	2.2	5.6	3.4	.2							12.1	9.2
SSW	.2	.6	1.2	.6	.0							2.7	8.4
SW	.3	.6	.4	.1		.0						1.4	6.2
WSW	.1	.1	.3	.0								.6	7.0
W	.1	.2	.4	.1	.0							.8	8.0
WNW	.1	.1	.1	.1								.4	7.7
NW	.1	.1	.1	.5	.0							.9	10.8
NNW	.1	.3	.5	.3		.1						1.3	9.8
VARBL													
CALM												2.1	
	5.2	18.8	37.6	30.1	5.4	.9						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 3457

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) MAY (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	1.1	.7	.3	.1						3.2	9.1
NNE	.5	.4	1.4	.9	.3	.0						3.6	9.6
NE	.6	1.3	1.8	1.2	.2			.0				5.1	8.7
ENE	.9	1.5	1.4	.8	.1							4.7	7.1
E	1.0	2.6	2.7	.8	.1							7.2	7.1
ESE	1.0	3.2	3.5	2.3	.7	.1						10.8	8.7
SE	1.9	4.7	10.8	11.5	2.1	.2						31.3	10.3
SSE	.6	3.4	7.6	8.4	1.0	.0						21.0	10.2
S	.2	1.4	1.9	.7	.1							4.4	7.8
SSW	.1	.4	.3	.1								.9	6.9
SW	.0	.2	.2	.0								.4	7.2
WSW	.0	.0	.1									.1	5.8
W	.2	.1	.0						.0			.4	6.9
WNW	.1	.1	.1	.1			.0					.4	10.0
NW		.1	.2	.2								.5	10.2
NNW	.1	.2	.4	.1	.1	.0						.7	9.4
VARBL													
CALM												5.4	
	7.6	20.2	33.5	27.9	4.9	.4	.0	.0	.0			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 3416

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	.9	1.1	.8	.6	.2							3.6	7.5
NNE	.6	.7	1.5	.6	.4							3.8	8.7
NE	.8	1.6	1.3	.9	.2	.0						4.8	7.9
ENE	.6	.9	.8	.3	.1							2.7	6.7
E	1.2	1.9	1.3	.4	.1							4.9	6.1
ESE	1.0	1.9	2.2	1.2	.2	.0						6.6	7.9
SE	1.4	4.2	9.4	6.6	.7	.0	.1					22.4	9.2
SSE	.9	5.0	12.2	8.0	.6	.0	.0					26.6	9.3
S	.7	2.3	4.5	1.4	.1							9.1	7.9
SSW	.4	.6	.2	.1								1.4	5.8
SW	.1	.1	.1	.1								.4	5.6
WSW		.1	.0	.0		.0						.2	9.3
W	.1	.0	.1									.2	5.3
WNW		.1	.1	.0	.0							.2	9.8
NW	.1	.3	.1	.2								.7	7.3
NNW	.5	.5	.2	.0								1.2	4.8
VARBL													
CALM												11.2	
	9.3	21.3	34.8	20.5	2.6	.1	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 3411

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUN (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	1.2	.2	.1	.1							2.6	5.1
NNE	.5	.9	.6	.2	.0							2.2	5.2
NE	.3	1.3	.9	.2	.1	.0						2.8	6.9
ENE	.0	.6	.1	.0								1.5	4.5
E	.6	1.1	.3	.1		.0						2.2	5.5
ESE	.9	1.2	.9	.1								3.1	5.6
SE	1.9	4.4	5.5	1.3	.1							13.1	6.9
SSE	2.5	7.5	11.3	4.3	.1	.0	.0					25.7	7.8
S	2.4	6.7	8.8	3.4	.1	.1						21.6	7.6
SSW	.9	1.6	1.1	.3								3.8	5.8
SW	.5	.8	.2	.1								1.7	4.6
WSW	.2	.3	.1									.5	4.4
W	.2	.2										.4	3.4
WNW	.2	.1	.1	.1								.4	6.2
NW	.2	.2	.1	.0								.6	5.0
NNW	.6	.8	.2	.1								1.7	4.6
VARBL													
CALM												16.0	
	13.6	29.1	30.4	10.3	.5	.2	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 3272

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	.9	.1	.0							3.7	4.9
NNE	.5	1.1	.6	.2	.1							2.4	6.2
NE	.7	1.0	.8	.2	.1							2.8	6.3
ENE	.6	.6	.4	.1								1.6	5.2
E	.9	.7	.3		.1							2.0	4.6
ESE	.6	.9	.6	.1								2.1	5.5
SE	1.9	3.2	2.4	.4								7.9	5.7
SSE	1.6	5.1	5.9	1.7	.0							14.3	7.1
S	2.5	7.3	9.7	3.7	.2	.0						23.5	7.5
SSW	1.4	2.8	1.6	.7								6.6	6.1
SW	1.2	1.2	.5									2.9	4.5
WSW	.5	.3										.8	3.5
W	.2	.4	.1									.8	4.5
WNW	.4	.2	.1	.0								.7	4.4
NW	.4	.4	.2									1.0	4.6
NNW	1.3	1.3	.4	.1								3.0	4.3
VARBL													
CALM												23.9	
	15.9	28.3	24.3	7.2	.4	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 3270

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	1.1	1.4	.5	.1								3.1	5.0
NNE	.6	1.0	1.5	.5	.1							3.6	7.1
NE	1.0	1.1	1.0	.4	.2	.0						3.6	7.0
ENE	.8	1.1	.6	.1	.0							2.7	5.5
E	1.0	1.7	.9	.1	.1							3.7	5.5
ESE	1.2	1.5	1.0	.2	.0							3.9	5.5
SE	1.4	2.5	2.4	.5	.0							6.8	6.2
SSE	1.1	3.9	5.7	2.8	.3							13.9	8.3
S	2.0	6.2	11.1	5.2	.4	.1						24.9	8.4
SSW	1.1	2.8	4.3	1.4	.0							9.6	7.4
SW	.9	1.4	.7	.1								3.1	5.4
WSW	.2	.7	.3	.0								1.2	5.5
W	.2	.5	.2	.0								1.0	5.1
WNW	.4	.2	.1	.1								.8	4.8
NW	.3	.2	.2	.1								.8	5.2
NNW	.7	1.0	.7	.0								2.4	5.3
VARBL													
CALM												15.1	
	14.0	27.1	31.0	11.5	1.1	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3326

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 36-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.6	.3								1.4	7.6
NNE	.3	.8	1.0	.5		.0						2.7	7.6
NE	.3	1.2	1.3	.8	.2							3.9	8.4
ENE	.4	1.0	1.3	.4	.1							3.2	7.6
E	.8	2.3	1.5	.2								4.8	6.0
ESE	.6	1.4	1.1	.3								3.4	6.4
SE	1.0	2.4	3.1	1.5								8.1	7.7
SSE	.7	3.4	7.1	6.1	.3							17.7	9.5
S	1.8	5.4	13.6	9.6	1.1	.1						31.8	9.5
SSW	.9	2.9	5.8	2.9	.2	.0						12.6	8.6
SW	.4	1.0	1.7	.4								3.5	7.1
WSW	.1	.4	.2									.7	5.7
W	.3	.7	.2	.1								1.2	5.7
WNW	.1	.1	.1									.3	5.7
NW	.2	.1	.1	.1								.6	7.2
NNW	.1	.2	.2	.1								.5	7.2
VARBL													
CALM												3.7	
	8.2	23.5	39.1	23.5	1.9	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 3363

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	.2	.4	.6	.2								1.4	7.5
NNE	.1	.6	1.2	.2	.0	.0						2.2	8.1
NE	.3	1.0	1.5	.6	.0							3.4	7.8
ENE	.4	1.1	1.8	.4	.1							3.8	7.5
E	.6	2.0	2.9	.5	.0							6.0	7.2
ESE	.5	1.7	2.6	.9	.2							6.0	8.0
SE	1.0	3.1	5.5	3.1	.3	.0						13.1	8.6
SSE	.7	3.7	9.1	8.8	.8							23.1	9.9
S	1.1	4.8	11.3	7.6	.7	.1						25.7	9.4
SSW	.5	1.8	2.9	1.5	.4	.0						7.2	8.8
SW	.4	.9	.8	.2	.0							2.4	6.4
WSW	.2	.2	.2									.7	5.2
W	.1	.2	.1	.0								.5	5.9
WNW	.0	.2	.1	.0								.3	6.6
NW	.2	.1	.1	.1	.0							.5	7.1
NNW	.1	.2	.1	.1	.0							.6	8.5
VARBL													
CALM												3.1	
	6.6	22.1	40.9	24.4	2.8	.1						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 3360

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUN (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	.5	.3	.1							1.2	8.8
NNE	.2	.5	1.0	.4	.1							2.3	8.3
NE	.2	.7	1.7	1.0	.1	.1						3.9	9.5
ENE	.4	1.0	2.1	.9	.1	.0						4.5	8.3
E	.6	2.2	2.9	1.3	.1	.0						7.1	7.8
ESE	.7	1.8	4.6	3.3	.4	.0						10.7	9.4
SE	.7	3.2	10.2	8.5	1.5	.2						24.2	10.3
SSE	.6	2.9	10.0	9.6	1.1	.1	.0					24.3	10.5
S	.7	2.3	6.8	3.7	.4	.1						14.0	9.3
SSW	.3	.8	1.1	.5	.1							2.8	8.1
SW	.1	.5	.3	.1								.9	6.4
WSW	.1	.2	.1	.0	.0							.4	6.8
W	.2	.1	.1	.1								.5	5.8
WNW	.1	.1	.1	.0		.0						.3	6.9
NW	.0	.1	.1	.1		.0						.3	8.7
NNW	.0	.1	.3	.2	.1							.7	10.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.8	
	5.2	16.7	41.7	29.9	4.0	.6	.0					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 3358

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.3	.1	.0		.0					.9	8.0
NNE	.1	.3	.9	.5	.1	.0						1.8	9.3
NE	.5	.8	1.6	.5	.1		.0					3.5	8.1
ENE	.4	.7	1.6	.9	.1		.0					3.7	8.7
E	.8	2.9	2.9	1.3	.2							8.0	7.5
ESE	.9	3.1	4.4	2.6	.7	.2						11.8	8.9
SE	1.4	4.6	12.7	13.7	2.5	.2						35.0	10.6
SSE	.9	3.1	9.4	9.2	1.5	.1						24.2	10.4
S	.4	1.5	2.6	1.0	.1							5.6	8.3
SSW	.1	.2	.3	.2	.0							.9	7.9
SW	.1	.0	.1									.2	4.3
WSW	.0	.1	.0									.2	5.0
W	.1	.2	.1									.4	5.8
WNW	.1	.1	.0									.2	5.0
NW	.1	.0	.0	.0								.2	6.6
NNW	.1	.1	.1	.2				.0				.5	9.4
VARBL													
CALM												2.9	
	6.0	18.2	37.0	30.1	5.3	.5	.1	.0				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 3272

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUN (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	.2	.1							1.2	7.8
NNE	.3	.6	.4	.2	.0							1.5	6.2
NE	.8	.9	.8	.4								3.0	6.5
ENE	.7	1.2	.8	.0								2.7	5.6
E	1.4	2.4	1.3	.2								5.3	5.4
ESE	1.0	1.8	2.4	1.3	.2							6.6	7.8
SE	1.1	5.9	10.5	8.8	.8	.0						27.1	9.4
SSE	.6	5.3	15.5	9.7	.7							31.9	9.5
S	.6	2.5	3.8	1.8	.1							8.8	8.1
SSW	.1	.4	.3	.1		.0						.9	7.0
SW	.2	.1	.1									.3	4.5
WSW	.2	.0	.1									.2	4.4
W	.1	.1	.1									.2	5.8
WNW		.1	.0									.1	5.8
NW	.1	.1	.0	.0								.2	5.0
NNW	.3	.2	.3	.1		.0						.8	6.6
VARBL													
CALM												9.1	
	7.7	21.9	36.5	22.8	1.8	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 3276

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45.47-75 (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	.6	.6	.2	.0								1.4	4.6
NNE	.6	.2	.3	.2								1.2	6.0
NE	.7	1.0	.3	.1	.1							2.2	5.1
ENE	.3	.4	.2	.1								.9	5.3
E	.9	.7	.3	.1								2.0	4.5
ESE	.8	1.0	.9	.2								2.8	5.7
SE	2.1	4.5	3.5	.4								10.4	5.8
SSE	3.9	8.7	9.0	1.6								23.1	6.4
S	3.3	13.0	9.2	1.6	.1							27.1	6.3
SSW	1.7	3.1	1.4	.1								6.3	5.2
SW	1.1	1.4	.4									2.8	4.4
WSW	.5	.2	.1									.9	3.8
W	.1	.1										.3	3.4
WNW	.1	.1										.1	3.5
NW	.2	.2	.1									.5	4.1
NNW	.1	.2	.1									.5	5.1
VARBL													
CALM												17.4	
	16.9	35.4	25.9	4.2	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 3388

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	1.2	.9	.6	.1								2.8	4.8
NNE	.4	.6	.4	.1								1.5	5.5
NE	1.1	.6	.4	.1								2.2	4.9
ENE	.6	.4	.1	.1								1.2	4.5
E	.7	.8	.2	.0								1.8	4.3
ESE	.8	.9	.2									1.9	4.1
SE	1.7	2.4	.6	.1								4.8	4.6
SSE	2.1	4.3	2.8	.4								9.6	5.6
S	3.7	9.6	7.4	1.4								22.1	6.2
SSW	2.4	4.2	2.6	.2								9.4	5.3
SW	2.2	2.3	.5	.0								5.1	4.4
WSW	1.0	.5	.2									1.7	3.8
W	1.0	.4										1.4	3.1
WNW	.1	.2										.4	4.0
NW	.2	.4	.1	.0								.7	5.0
NNW	.6	.4	.1									1.1	4.0
VARBL													
CALM												32.2	
	20.0	28.9	16.3	2.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 3388

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	.8	.8	.7	.1								2.4	5.3
NNE	.4	.8	.7	.1								2.0	5.9
NE	.8	.9	1.0	.1	.0							2.9	5.9
ENE	.6	.6	.3	.1	.0							1.7	5.4
E	.7	1.1	.4	.1	.0							2.3	4.9
ESE	.7	1.0	.6	.1								2.3	5.3
SE	1.7	2.0	1.1	.1								4.9	5.0
SSE	1.8	4.3	3.7	.7	.0							10.6	6.3
S	3.2	8.1	9.0	2.6	.3	.0						23.3	7.0
SSW	1.5	4.6	4.6	1.4								12.1	6.8
SW	1.7	3.2	1.6	.1								6.6	5.1
WSW	.8	1.0	.5	.0								2.3	5.0
W	.8	.6	.4									1.9	4.6
WNW	.3	.3	.1									.7	4.4
NW	.3	.2	.1									.6	4.1
NNW	.4	.6	.2	.1								1.3	4.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	22.2	
	16.8	30.2	25.0	5.5	.4	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 3449

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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 - .	27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.4	.2	.3								1.2	6.7
NNE	.3	.3	.5	.3								1.4	7.6
NE	.4	.9	1.2	.3	.0							2.9	7.3
ENE	.4	.6	1.2	.2	.0							2.5	7.1
E	.7	1.1	.9	.1								2.8	5.7
ESE	.4	.7	1.0	.3	.0							2.5	7.0
SE	1.0	1.8	2.0	.4								5.1	6.5
SSE	1.2	3.1	5.8	2.4	.0							12.5	7.9
S	2.0	7.6	14.5	7.1	.3	.0						31.6	8.4
SSW	1.4	5.4	8.6	2.2	.1							17.6	7.6
SW	1.2	3.7	3.8	.3								9.1	6.3
WSW	.3	1.3	.8	.1								2.5	6.0
W	.5	.6	.2	.0								1.4	4.5
WNW	.1	.3	.1									.6	4.6
NW	.2	.1	.1	.0								.4	4.5
NNW	.1	.1	.2									.4	5.8
VARBL													
CALM												5.5	
	10.6	28.0	41.2	14.1	.5	.0						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3478

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIJ (STATION NAME) 38-75 (YEARS) JUL (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	.3	.5	.2	.1							1.5	7.1
NNE	.1	.6	.3	.4	.0							1.4	8.1
NE	.4	.6	1.1	.9	.1	.1						3.2	9.1
ENE	.5	.8	1.6	.5								3.3	7.6
E	.8	2.1	2.2	.5	.1							5.7	6.9
ESE	.3	2.4	2.7	.9	.1							6.3	7.8
SE	1.1	4.4	5.5	1.6	.0	.0						12.6	7.4
SSE	1.5	4.4	8.9	3.4	.3	.0						18.4	8.3
S	2.0	6.8	12.7	5.6	.5	.0						27.6	8.4
SSW	.9	3.3	3.9	1.5	.1							9.7	7.4
SW	.7	1.4	1.2	.3								3.6	6.4
WSW	.4	.3	.3									1.0	4.9
W	.3	.3	.1									.8	4.1
WNW	.1	.2	.1									.4	5.9
NW	.1	.1	.1		.0							.4	7.1
NNW	.1	.1	.1									.2	5.9
VARBL													
CALM												3.8	
	9.8	28.1	41.3	15.8	1.2	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 3485

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	.1	.3	.4	.2								1.1	7.9
NNE	.2	.4	.5	.3	.1	.0						1.5	9.0
NE	.4	.7	1.2	1.1	.2	.1						3.5	9.5
ENE	.3	1.0	1.5	.8	.1							3.7	8.5
E	.7	2.3	2.8	1.2	.3							7.3	8.1
ESE	.6	2.4	4.8	2.7	.4	.1						11.0	9.0
SE	1.4	4.9	10.5	5.0	.6	.1						22.6	8.8
SSE	1.1	4.3	10.4	5.9	.5	.0						22.2	9.1
S	1.3	3.9	7.2	4.0	.3	.0						16.7	8.6
SSW	.3	1.3	1.8	.7	.1							4.2	8.0
SW	.4	.8	.6	.1	.0							1.9	6.2
WSW	.2	.3	.1	.0								.6	5.4
W	.1	.1	.1	.1								.5	6.7
WNW		.1	.1	.0								.2	7.7
NW	.2	.1	.1	.1								.5	6.3
NNW	.1	.0	.0	.1								.3	8.2
VARBL													
CALM												2.2	
	7.4	22.9	42.1	22.3	2.7	.3						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 3486

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	.3	.3	.1								.9	6.6
NNE	.2	.3	.3	.4	.1							1.3	8.2
NE	.4	.5	.7	.3	.1							2.2	7.7
ENE	.4	.7	1.0	.4	.1	.0	.0					2.7	7.9
E	.6	1.6	2.4	1.1	.3	.0						6.1	8.3
ESE	.9	2.1	5.3	2.7	.8							12.8	9.0
SE	1.7	6.4	14.5	10.5	1.6	.2	.0					34.9	9.6
SSE	1.1	3.7	9.3	8.1	1.4	.1						23.8	10.0
S	.7	1.9	2.6	2.0	.3							7.5	8.8
SSW	.2	.5	.7	.2	.1							1.9	8.4
SW	.1	.4	.2	.1	.0							.7	7.0
WSW	.0	.1	.1									.2	5.1
W	.1	.1	.1	.1								.4	6.4
WNW	.1	.0	.0	.0		.0						.2	8.5
NW	.0	.1	.1	.1								.3	7.3
NNW	.0	.1	.0	.1								.4	8.6
VARBL													
CALM												3.7	
	8.8	20.2	37.8	26.3	4.8	.4	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 3383

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.2	.0								.6	5.7
NNE	.3	.4	.2	.1	.0	.0						1.0	6.4
NE	.7	.7	.8	.3	.1	.0						2.7	6.8
ENE	.4	.7	.6	.1								1.9	6.3
E	1.3	1.4	1.1	.7			.0					4.5	6.3
ESE	1.3	1.7	2.2	1.2	.0							6.4	7.2
SE	1.5	6.2	10.8	5.4	.5	.0						24.4	8.5
SSE	1.0	6.3	17.1	10.8	.5	.0						35.7	9.3
S	1.0	3.1	5.3	2.2	.3							11.8	8.2
SSW	.3	.5	.8	.4	.0							2.1	7.8
SW	.1	.1	.2	.0								.5	6.1
WSW	.2	.0	.0									.3	3.2
W	.1	.0										.1	3.3
WNW		.0										.0	4.0
NW	.2	.1	.1									.3	4.1
NNW	.2	.1	.1	.0								.5	4.9
VARBL													
CALM												7.3	
	8.7	21.7	39.5	21.2	1.4	.1	0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 3389

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-70,72-75 (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	.9	.7	.5	.0	.1	.0						2.2	5.6
NNE	.5	.6	.6	.2								2.0	6.1
NE	.9	.6	.9	.3								2.7	6.2
ENE	.8	.5	.5	.0								1.8	4.8
E	1.3	1.2	.3	.1	.0							2.9	4.6
ESE	.8	1.0	.5	.1	.0							2.4	5.1
SE	2.5	4.6	2.3	.4								9.8	5.4
SSE	2.9	6.9	5.7	.7								16.2	6.1
S	3.4	10.0	7.6	1.1		.0						22.2	6.2
SSW	1.7	2.9	2.1	.2								6.9	5.5
SW	.9	2.0	1.3	.0								4.2	5.4
WSW	.3	.5	.3	.1								1.1	5.8
W	.4	.3	.1									.8	3.9
WNW	.1	.2	.1									.3	5.7
NW	.4	.2		.0								.6	3.5
NNW	.6	.5	.1	.1								1.2	4.1
VARBL													
CALM												22.9	
	18.2	32.6	22.7	3.4	.2	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3330

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-70,72-75 (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	1.6	1.2	.7	.1			.1	.0				3.6	5.3
NNE	.8	.6	.6	.0	.0							2.1	5.2
NE	1.0	1.0	1.0	.2	.1							3.3	6.1
ENE	.6	.6	.4	.1								1.7	5.6
E	.9	1.1	.1	.0								2.1	4.0
ESE	.7	.5	.1	.1	.0							1.4	4.6
SE	1.9	1.8	.6	.1								4.3	4.5
SSE	1.9	2.8	1.7	.3								6.7	5.2
S	3.7	7.2	4.0	.8								15.8	5.6
SSW	2.1	4.5	2.0	.2								8.8	5.2
SW	2.1	3.3	.8	.0								6.2	4.4
WSW	1.1	1.2	.3	.0								2.6	4.4
W	.6	.7	.2									1.5	4.2
WNW	.3	.2	.1									.6	4.2
NW	.6	.5	.1									1.2	3.9
NNW	1.4	1.3	.2	.0								2.9	3.9
VARBL													
CALM												35.3	
	21.3	28.4	12.8	2.0	.1		.1	.0				100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 3331

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-75 (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	1.6	1.5	.5	.4					.0			4.0	5.2
NNE	1.3	1.1	.9	.3				.0	.0			3.7	6.3
NE	1.4	1.3	.9	.3	.1							3.9	5.6
ENE	.8	.8	.9	.2								2.6	6.0
E	1.6	1.3	.6	.1								3.7	4.6
ESE	1.1	.7	.3	.0	.0							2.2	4.4
SE	1.5	1.8	.7	.2								4.1	5.0
SSE	1.5	2.2	1.9	.3	.0							5.9	5.8
S	2.8	6.2	5.8	1.3	.1							16.2	6.5
SSW	1.7	4.0	3.4	.6	.1							9.8	6.3
SW	1.4	2.6	1.8	.2	.0							6.1	5.6
WSW	.9	1.2	.5	.1								2.7	5.1
W	.7	.9	.5									2.1	4.8
WNW	.4	.5	.2	.0								1.1	4.8
NW	.5	.4	.2	.1								1.2	4.8
NNW	1.4	1.2	.4	.0								3.1	4.3
VARBL													
CALM												27.5	
	20.6	27.8	19.6	4.1	.3			.0	.1			100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3398

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-75 (YEARS) AUG (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	.5	.5	.3	.0							1.7	6.7
NNE	.4	.8	1.4	.6								3.2	7.7
NE	.8	1.2	1.3	.6	.0							4.0	7.3
ENE	.6	1.3	1.3	1.0				.0	.0			4.2	8.0
E	1.5	2.0	1.5	.2	.0	.0						5.3	5.7
ESE	.8	1.0	.9	.4								3.1	6.4
SE	1.1	2.1	1.7	.3								5.2	6.0
SSE	1.1	3.2	3.2	1.4	.0							9.0	7.2
S	2.1	5.8	10.5	5.2	.1							23.7	8.1
SSW	1.4	4.1	8.4	2.2	.0							16.0	7.7
SW	1.3	3.6	3.6	.6	.0							9.2	6.6
WSW	.8	1.2	1.5	.3								3.7	6.6
W	.6	.9	.5									2.0	5.0
WNW	.3	.3	.1									.8	4.4
NW	.2	.2	.3	.0								.8	5.8
NNW	.2	.1	.2	.1								.7	6.8
VARBL													
CALM												7.3	
	13.7	28.4	37.0	13.2	.3	.0		.0	.0			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3629

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-75 (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	.3	.5	.5	.3	.1							1.7	7.5
NNE	.4	.8	.9	.6	.0							2.8	8.0
NE	.8	1.3	1.6	.8	.1	.1						4.6	7.8
ENE	.6	1.4	1.8	1.1	.1							5.0	8.0
E	.8	3.2	3.4	1.1	.0	.0						8.6	7.2
ESE	.7	2.1	3.1	.9	.0	.1						6.8	7.6
SE	1.4	3.8	4.7	1.4	.0	.1						11.5	7.2
SSE	1.2	3.4	7.2	2.1	.1	.0						14.0	7.9
S	2.3	6.1	9.7	3.9	.1	.0						22.1	7.7
SSW	.9	2.5	4.4	1.7	.1		.0					9.7	7.9
SW	.7	1.5	1.7	.3								4.2	6.6
WSW	.4	.8	.5	.1								1.9	5.8
W	.5	.5	.2									1.1	4.3
WNW	.1	.1	.1	.1		.0						.4	6.6
NW	.4	.2	.3	.1								1.0	5.9
NNW	.1	.2	.3	.1		.0						.7	7.5
VARBL													
CALM												4.1	
	11.6	28.5	40.3	14.5	.6	.3	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 3428

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-75 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	.7	.3	.0							1.7	8.0
NNE	.3	.4	1.1	.6	.0	.0						2.4	8.4
NE	.4	1.0	1.8	.9	.4							4.5	8.8
ENE	.6	1.6	2.2	1.3	.1	.1						5.8	8.5
E	1.0	3.4	4.7	1.3	.1							10.5	7.5
ESE	1.0	2.6	5.1	2.7	.5	.1	.0					11.9	9.0
SE	1.4	5.1	9.8	4.3	.4	.1						21.1	8.5
SSE	1.0	3.8	7.8	3.4	.4	.0	.0					16.5	8.7
S	1.0	2.9	6.2	2.7	.1	.1						13.1	8.5
SSW	.3	.9	2.2	1.0	.1	.0						4.5	9.0
SW	.4	.5	.7	.5	.0							2.1	8.0
WSW	.1	.3	.2	.1								.6	6.7
W	.2	.2	.3	.1								.8	6.4
WNW		.1	.1	.1								.3	8.8
NW	.1	.2	.1	.1	.1							.6	7.6
NNW	.1	.1	.3		.1							.6	8.1
VARBL													
CALM												2.9	
	8.1	23.6	43.2	19.4	2.3	.4	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 3424

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	.4	.3	.2	.2	.1							1.2	7.1
NNE	.2	.5	.7	.4	.1							1.9	8.1
NE	.4	.8	1.4	1.0	.1	.1	.0					3.7	9.1
ENE	.6	1.0	1.6	.7	.1	.0	.0					4.2	7.9
E	1.2	2.7	3.4	1.3	.2							8.7	7.5
ESE	1.2	3.7	4.8	2.2	.5							12.4	8.1
SE	2.0	8.1	12.2	8.2	1.5	.0						31.9	8.9
SSE	1.1	3.3	7.1	5.1	.8	.1						17.6	9.4
S	.6	1.6	3.7	2.2	.4							8.5	9.1
SSW	.1	.5	1.0	.5	.5							2.5	10.7
SW	.1	.3	.2	.1	.0							.7	7.5
WSW	.1	.1	.1									.2	5.1
W	.1	.2			.0							.3	5.8
WNW	.1	.0	.1	.1								.4	8.3
NW	.1	.1	.1	.1	.0							.5	7.9
NNW	.1	.2	.2	.1								.5	6.4
VARBL													
CALM												4.8	
	8.3	23.4	36.8	22.1	4.3	.2	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 3339

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	.2	.6	.4	.1								1.4	6.4
NNE	.3	.7	.5	.1								1.7	6.1
NE	.6	1.0	1.1	.3		.0						3.1	6.6
ENE	.8	1.1	1.0	.2	.1							3.2	6.2
E	1.5	1.6	1.4	.4	.0							4.9	5.8
ESE	1.4	2.0	2.2	.9	.1							6.5	6.9
SE	2.7	6.3	9.3	4.7	.4							23.4	7.9
SSE	1.1	4.9	11.9	7.8	.3	.0	.0					26.0	9.2
S	.9	2.5	5.3	3.0	.2							11.9	8.7
SSW	.3	.8	1.7	.8	.4							4.0	9.2
SW	.2	.2	.2	.1								.7	6.5
WSW	.1	.1	.0	.0								.3	5.3
W	.2	.1		.0								.3	4.3
WNW	.1	.1	.0	.0								.2	5.1
NW	.1	.1	.0									.3	3.9
NNW	.2	.2	.2									.7	5.1
VARBL													
CALM												11.3	
	10.8	22.4	35.3	18.7	1.4	.1	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 3338

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-40-74 (YEARS) SEP (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	2.2	3.9	2.0	.3			.0					8.3	5.3
NNE	1.3	2.3	2.1	1.4	.1	.0						7.2	7.4
NE	1.8	1.9	2.5	1.1	.0							7.4	6.9
ENE	.7	1.4	.9	.2	.1							3.2	6.2
E	.7	1.6	.4	.2								2.9	5.3
ESE	1.1	1.3	.7	.1	.0							3.2	5.0
SE	2.0	2.4	2.0	.3								6.8	5.5
SSE	1.4	3.7	2.6	.8								8.5	6.3
S	1.9	4.6	4.1	1.1								11.7	6.5
SSW	1.0	1.5	.8	.1								3.4	5.1
SW	.7	1.1	.5	.2								2.4	5.3
WSW	.6	.4	.0									1.0	3.7
W	.3	.3	.2									.9	4.8
WNW	.1	.1	.1									.3	4.4
NW	.5	.7	.2	.1								1.5	5.0
NNW	2.0	2.5	.7	.2	.0		.1					5.5	4.9
VARBL													
CALM												25.5	
	18.4	29.8	19.8	6.0	.3	.0	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 3229

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (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	3.0	4.8	2.7	.9	.1							11.5	5.8
NNE	1.8	2.3	1.9	1.1	.1							7.2	6.8
NE	1.4	2.4	2.8	.7	.0							7.4	6.7
ENE	.8	1.1	.8	.2	.0							3.0	5.8
E	1.0	.8	.5	.2								2.5	5.4
ESE	.6	.8	.3	.0								1.8	4.9
SE	1.1	1.3	.7	.1								3.2	4.9
SSE	.9	2.2	1.1	.3								4.5	5.8
S	1.7	2.6	3.2	1.1								8.5	6.7
SSW	.6	1.5	.7	.1								2.9	5.7
SW	1.0	1.4	.4									2.7	4.5
WSW	.5	.3	.1	.0								1.0	4.1
W	.6	.5	.2	.0								1.5	4.5
WNW	.4	.5	.3	.0	.0	.0						1.3	6.3
NW	1.6	1.3	.6	.1		.0						3.7	4.7
NNW	2.9	4.0	.9	.1	.0							7.9	4.4
VARBL													
CALM												29.7	
	19.7	27.8	17.4	5.1	.3	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 3231

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 36,40-74 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	4.7	2.8	1.3	.3							11.8	6.4
NNE	1.7	2.8	2.7	1.4	.0							8.6	7.1
NE	2.0	2.6	2.9	1.7	.1							9.4	7.1
ENE	1.2	1.6	1.6	.7	.0	.1						5.1	6.8
E	1.2	1.8	.8	.1								3.9	5.2
ESE	.6	.9	.3	.1								1.9	5.1
SE	1.2	1.3	.8	.2	.0							3.5	5.3
SSE	.7	1.1	1.0	.2								3.0	6.1
S	1.1	2.4	3.2	1.1	.1							8.0	7.4
SSW	.9	1.6	1.1	.3								3.9	5.9
SW	.6	1.4	.3									2.2	4.8
WSW	.7	.5	.3	.0	.0							1.5	4.9
W	.5	.7	.2		.1							1.5	5.3
WNW	.4	.4	.3	.0								1.1	5.1
NW	1.0	.8	.8	.1								2.7	5.2
NNW	2.6	3.8	1.2	.5								8.2	5.0
VARBL													
CALM												23.7	
	19.3	28.3	20.3	7.7	.7	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3225

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38.40-74 (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	.6	1.1	2.0	1.6	.4	.1						5.7	9.5
NNE	.7	1.7	2.8	2.0	.7	.1						7.9	9.4
NE	1.2	2.2	4.0	3.4	.6							11.4	9.2
ENE	1.1	2.4	3.7	2.2	.3							9.6	8.3
E	1.1	3.8	2.6	.7	.1							8.5	6.5
ESE	.8	2.0	1.3	.3	.0							4.4	6.4
SE	1.0	2.4	1.9	.4								5.7	6.2
SSE	1.0	1.9	2.2	1.1	.1							6.1	7.5
S	1.2	3.9	5.4	4.0	.2							14.7	8.6
SSW	1.1	2.2	3.5	1.2	.1							8.1	7.7
SW	.7	1.5	1.3	.2	.0							3.7	6.2
WSW	.4	.8	.7	.3								2.2	6.6
W	.4	.7	.4									1.4	5.2
WNW	.2	.3	.4	.0								1.0	5.8
NW	.1	.3	.2	.1								.7	6.4
NNW	.2	.3	.8	.3	.0							1.7	8.5
VARBL													
CALM												7.1	
	11.7	27.5	33.3	17.7	2.6	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 3226

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-40-74 (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	X	MEAN WIND SPEED
N	.7	1.1	1.8	1.8	.1	.1	.1	.0				5.7	9.4
NNE	.5	1.0	2.7	2.4	.6	.1						7.2	10.3
NE	.8	2.3	4.5	3.5	.6	.1	.0					11.7	9.6
ENE	.8	2.5	4.5	2.5	.3	.0						10.7	8.7
E	.9	3.3	4.1	1.0	.2							9.4	7.3
ESE	.8	2.0	2.4	.7								5.9	7.0
SE	1.2	3.1	2.3	1.3	.1							8.4	7.2
SSE	1.1	2.7	3.6	1.7	.1	.0						9.2	7.6
S	1.1	3.4	5.6	3.4	.2	.0						13.7	8.6
SSW	.9	1.4	2.6	1.2	.1			.0				6.3	8.2
SW	.5	1.0	1.1	.2	.1							2.8	6.7
WSW	.2	.5	.3	.2								1.1	6.7
W	.6	.5	.3									1.5	4.6
WNW	.2	.2	.1		.0							.5	4.9
NW	.3	.3	.2	.0								.8	5.4
NNW	.2	.2	.4	.3	.1							1.1	8.8
VARBL													
CALM												3.9	
	10.7	25.6	36.8	20.1	2.3	.4	.1	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 3232

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (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	1.0	1.8	1.4	.3	.1	.0					4.9	9.9
NNE	.4	.8	3.1	2.4	.4							7.2	10.0
NE	.8	2.1	3.8	3.0	.6	.3						10.5	9.6
ENE	.5	2.4	5.5	2.9	.4	.0						11.6	9.0
E	1.1	3.2	5.6	1.7	.1	.1						11.7	7.7
ESE	.9	1.9	3.4	1.6	.2	.1						8.1	8.6
SE	.9	3.7	4.8	2.8	.2	.1						12.4	8.3
SSE	.7	2.6	4.6	3.1	.2							11.3	8.8
S	.7	2.4	4.6	1.8	.3	.0						9.8	8.5
SSW	.4	.8	1.3	.5	.1							3.2	8.0
SW	.3	.7	.6	.3								1.8	6.7
WSW	.1	.6	.2	.0								.9	5.4
W	.2	.4	.2	.0								.8	5.4
WNW	.2	.1										.2	3.3
NW	.1	.2	.2	.1								.5	7.3
NNW	.2	.3	.4	.2	.1							1.2	7.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.7	
	7.9	23.0	40.1	21.7	2.9	.7	.0					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 3228

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-40-74 (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	1.1	1.1	.6	.3	.1	.1					4.0	8.5
NNE	.6	1.6	2.2	1.3	.2	.0						5.9	8.5
NE	1.5	3.3	3.3	1.7	.2	.0						10.1	7.5
ENE	1.4	2.8	2.3	.9	.2	.0						7.6	6.8
E	1.8	4.3	3.5	.9	.1							10.7	6.5
ESE	1.8	4.0	4.3	1.9	.1	.0						12.1	7.2
SE	1.7	5.5	7.5	4.8	.2	.0						19.8	8.2
SSE	1.0	2.9	4.0	2.8	.3	.0						11.0	8.6
S	.8	1.6	1.8	.6	.1							5.0	7.0
SSW	.4	.3	.4	.3	.1							1.5	7.7
SW	.2	.3	.1	.2								.7	7.1
WSW	.0	.1	.0	.1								.2	7.3
W	.1	.1	.1		.0							.4	5.8
WNW	.1	.2	.0	.0								.3	5.3
NW	.1	.0	.1	.1	.0							.3	7.7
NNW	.3	.3	.2	.2	.1							1.0	6.9
VARBL													
CALM												9.4	
	12.6	28.4	31.0	16.2	2.0	.2	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 3229

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-40-74 (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	1.3	2.6	1.1	.6	.1	.0	.1					5.9	6.5
NNE	1.2	1.8	2.0	.9	.2	.1						6.3	7.6
NE	1.9	3.1	2.7	1.6	.2		.0					9.5	7.1
ENE	1.2	1.8	1.2	.6	.1							4.9	6.5
E	1.7	2.8	1.8	.4								6.7	5.7
ESE	1.3	2.7	2.0	.5	.1							6.5	6.1
SE	1.6	4.5	5.1	1.9	.1							13.3	7.2
SSE	1.0	4.5	6.3	3.8	.0							15.6	8.2
S	1.3	2.5	3.2	1.1	.0							8.1	7.2
SSW	.3	.5	.4	.2	.0							1.5	7.0
SW	.2	.2	.3	.2								.9	7.5
WSW	.1	.3	.1									.5	5.1
W	.2	.1	.0	.0								.4	4.4
WNW	.1	.1	.0									.2	4.0
NW	.2	.3	.1									.6	4.5
NNW	1.2	1.2	.2	.1								2.7	4.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.5	
	14.8	29.1	26.6	12.0	.7	.2	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 3231

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	2.4	4.3	3.0	1.3	.3	.1						11.4	6.8
NNE	1.3	2.8	2.3	1.2	.3	.0						7.8	7.5
NE	1.0	2.3	2.3	.6	.1							6.2	6.3
ENE	.7	1.2	1.2	.1	.0							3.3	6.1
E	.9	1.4	.6	.1								3.0	5.1
ESE	.9	.6	.6	.1								2.1	4.^
SE	1.0	1.8	1.7	.4	.0							5.0	6.4
SSE	1.1	1.9	3.6	1.2								7.8	7.4
S	1.9	4.1	4.1	1.1	.0							11.2	6.6
SSW	1.4	1.2	.7	.1								3.4	4.9
SW	.8	1.4	.7	.0								2.9	4.9
WSW	.8	.4	.4	.1								1.6	5.0
W	.4	.4	.4	.1								1.2	5.5
WNW	.3	.5	.1	.1								1.0	4.8
NW	1.0	1.2	.5	.1		.0						2.9	5.3
NNW	2.3	4.1	.9	.3	.2	.0						7.7	5.2
VARBL													
CALM												21.1	
	18.1	29.8	23.0	6.9	.9	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 3417

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	4.6	2.9	1.6	.3	.1						12.7	6.5
NNE	1.5	2.4	2.9	1.5	.2	.1						8.7	7.8
NE	1.5	1.9	2.1	.8	.1	.1						6.6	6.9
ENE	.9	1.1	1.2	.1		.0						3.4	5.8
E	.8	1.0	.4	.1	.0							2.3	5.0
ESE	.3	.5	.5									1.3	5.4
SE	.9	1.6	1.1	.1								3.7	5.5
SSE	.4	1.4	2.0	.3		.0						4.2	7.0
S	1.6	2.2	3.7	.8								8.3	6.8
SSW	.8	.9	.8	.1								2.7	5.3
SW	.7	1.2	.5	.0								2.4	5.0
WSW	.4	.7	.5									1.6	5.3
W	.8	1.0	.4	.0								2.3	4.7
WNW	.5	.4	.2	.0	.0							1.1	4.9
NW	1.6	1.4	.7	.2								3.9	4.9
NNW	3.5	6.5	1.7	.5	.0	.0						12.3	5.0
VARBL													
CALM												22.7	
	19.7	28.8	21.6	6.1	.7	.4						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3415

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (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	3.4	4.8	3.4	1.8	.3	.1						13.8	6.7
NNE	1.9	3.0	3.0	1.9	.2	.1						10.1	7.5
NE	1.4	2.8	3.2	1.1	.2	.0						8.6	7.2
ENE	1.0	1.5	1.3	.3	.0							4.1	6.1
E	1.1	1.4	.8	.1	.0							3.4	5.4
ESE	.6	.6	.5	.1								1.8	5.2
SE	.9	1.3	1.2	.1								3.5	5.7
SSE	.5	1.3	1.7	.3								3.8	6.7
S	.9	2.5	3.4	.6								7.3	6.9
SSW	.6	1.4	1.3	.2								3.5	6.2
SW	.6	.7	.4	.1								1.7	5.1
WSW	.5	.6	.3	.0								1.4	4.9
W	.4	.8	.4	.1	.0							1.7	5.4
WNW	.5	.6	.1	.1								1.3	4.6
NW	1.3	1.1	.6	.2	.1	.0						3.2	5.5
NNW	3.7	5.2	2.3	.2	.1	.0						11.5	5.0
VARBL													
CALM												19.3	
	19.1	29.7	23.8	7.0	.9	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 3413

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (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	.6	.9	1.9	2.5	.6	.2						6.7	10.5
NNE	.6	1.6	3.0	2.7	.3	.1						8.3	9.6
NE	1.3	2.2	3.6	2.7	.4	.1						10.3	8.6
ENE	.9	2.2	3.1	1.2	.3							7.7	7.8
E	1.2	2.8	2.4	.3								6.7	6.0
ESE	.9	1.5	1.4	.2								4.0	6.1
SE	.8	2.1	2.0	.6								5.4	6.8
SSE	.7	2.0	3.2	1.7								7.6	8.1
S	1.1	2.9	6.5	3.7	.4							14.5	8.8
SSW	.7	1.8	3.8	2.3	.1							8.7	8.6
SW	.7	1.9	2.2	.5	.0							5.3	6.8
WSW	.4	.8	.5	.1								1.8	5.9
W	.2	.5	.4	.1								1.2	6.1
WNW	.3	.3	.1	.1								.9	5.7
NW	.3	.3	.1	.2	.2	.1	.0					1.1	9.6
NNW	.4	.5	.6	.8	.1	.1						2.5	9.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	7.3	
	11.0	24.3	34.9	19.4	2.4	.6	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 3416

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	.9	2.4	2.0	.6	.1	.1					6.5	10.7
NNE	.6	1.3	2.9	2.0	.3	.0						7.1	9.1
NE	.8	2.2	3.8	1.5	.1	.1						8.4	8.0
ENE	.6	1.9	3.4	1.1	.1	.1						7.2	8.2
E	1.5	2.0	2.6	.6	.1							6.8	6.5
ESE	1.0	1.5	1.9	.8	.1							5.4	7.1
SE	.9	2.0	3.0	.9	.0							6.9	7.4
SSE	1.2	2.7	4.4	2.3	.2							10.8	8.3
S	1.2	3.4	6.2	4.2	.2							15.2	8.7
SSW	1.1	2.0	4.3	1.6	.0							9.0	8.0
SW	.6	1.1	2.2	.2	.1							4.3	7.3
WSW	.3	.6	1.0	.0								2.0	6.4
W	.6	.3	.3	.1	.1							1.3	5.6
WNW	.1	.4	.3	.0	.0							.9	6.1
NW	.3	.3	.4	.1	.2							1.2	8.3
NNW	.5	.3	.6	.9	.2							2.5	9.4
VARBL													
CALM												4.6	
	11.8	23.1	39.7	18.2	2.3	.3	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 3412

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	2.4	2.4	.6	.1						7.0	10.5
NNE	.6	1.8	2.6	1.7	.2	.1						6.9	8.7
NE	.9	2.1	3.8	1.0	.1	.0						8.0	7.7
ENE	.6	1.6	3.6	.9	.1							6.8	7.8
E	1.3	2.6	2.9	.6	.1							7.4	6.7
ESE	.9	2.3	2.6	.5	.2	.0						6.5	7.1
SE	1.1	3.4	4.9	2.7	.2	.0						12.3	8.3
SSE	1.0	2.7	5.7	2.6	.2							12.3	8.4
S	1.2	3.7	6.5	3.1	.1							14.6	8.2
SSW	.4	1.2	2.0	.6								4.2	7.6
SW	.4	.8	1.1	.2	.0							2.5	6.6
WSW	.3	.5	.4									1.2	5.8
W	.2	.4	.2	.1								.8	6.4
WNW	.1	.2	.2	.1								.5	6.6
NW	.1	.3	.5	.2								1.1	7.9
NNW	.3	.5	1.0	.6	.3	.1						2.6	9.7
VARBL													
CALM												5.2	
	9.6	25.2	40.4	17.3	2.1	.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 3414

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	1.0	2.5	1.5	1.1	.1	.1						6.3	7.3
NNE	1.3	2.5	1.8	.8	.1	.0						6.5	6.7
NE	1.6	2.9	2.4	.7	.1							7.7	6.4
ENE	1.6	2.2	1.7	.4	.1							5.9	5.8
E	2.1	2.9	2.1	.2								7.3	5.4
ESE	1.6	2.9	2.6	1.0	.1							8.2	6.6
SE	1.8	5.9	6.7	3.4	.2							18.0	7.7
SSE	1.4	3.4	4.6	2.8	.1							12.3	8.0
S	1.6	3.2	2.6	.5								7.9	6.1
SSW	.5	.8	.5	.1								1.9	5.4
SW	.5	.2	.2	.0								1.0	4.8
WSW	.1	.1	.1	.0								.2	5.9
W	.1	.3	.1									.5	4.5
WNW	.1	.1	.1									.4	4.4
NW	.5	.5	.2	.1		.0						1.3	6.1
NNW	.7	1.1	.7	.1		.1	.1					2.7	6.6
VARBL													
CALM												12.0	
	16.5	31.5	27.7	11.2	.7	.2	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3411

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (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	2.3	3.6	2.3	.7	.3	.1	.1	.0				9.4	6.7
NNE	1.3	2.2	2.1	1.1	.1	.1						7.0	7.5
NE	1.5	2.0	2.3	.8	.0							6.6	6.6
ENE	.7	1.7	1.0	.2	.1							3.7	6.1
E	1.0	1.7	1.1	.1								4.0	5.5
ESE	.8	.8	1.4	.1	.0							3.2	6.3
SE	1.5	3.0	5.8	2.0								12.4	7.6
SSE	1.5	3.8	8.1	2.4	.0	.1						15.9	7.8
S	1.4	3.7	4.4	1.2								10.6	6.9
SSW	.6	.8	.4	.1								1.9	5.3
SW	.3	.6	.2	.1								1.2	3.5
WSW	.1	.2	.1	.0								.4	5.1
W	.1	.1	.0									.3	3.8
WNW	.2	.1	.1			.0						.4	6.8
NW	.7	.9	.5	.1								2.3	5.3
NNW	1.8	2.7	.8	.2	.1	.0	.0					5.7	5.2
VARBL													
CALM												15.0	
	15.9	28.0	30.7	9.2	.7	.4	.1	.0				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 3420

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	1.7	4.1	3.9	2.2	.8	.2						12.8	8.3
NNE	1.3	3.1	3.4	2.0	.7	.4	.0					10.9	8.9
NE	1.1	1.7	2.7	1.0	.1	.1						6.5	7.6
ENE	.5	.8	.7	.2								2.2	6.2
E	.6	.7	.3	.0	.0							1.6	5.0
ESE	.5	.5	.2	.1								1.3	5.2
SE	.7	1.2	1.2	.3								3.4	6.4
SSE	.5	2.3	2.4	1.1	.0	.0						6.4	7.6
S	1.8	2.9	3.7	1.6	.1							10.1	7.1
SSW	1.3	1.7	1.0	.6								4.6	5.9
SW	.8	1.7	.8	.1								3.5	5.3
WSW	.7	.9	.4									2.0	4.6
W	.7	1.0	.3	.1								2.1	4.8
WNW	.5	.5	.4	.1								1.4	5.5
NW	1.2	1.8	.8	.3	.0	.1						4.3	5.7
NNW	2.0	5.2	2.2	.7	.3	.1		.0				10.6	6.5
VARBL													
CALM												16.3	
	15.9	30.0	24.3	10.4	2.1	.8	.0	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 3315

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (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	1.9	4.7	4.5	2.7	.9	.3						15.0	8.5
NNE	1.1	3.2	3.7	2.3	.8	.5	.1	.0				11.6	9.4
NE	1.1	1.9	2.4	1.5	.1	.0						7.1	7.8
ENE	.5	.6	.5	.3	.1							1.9	6.8
E	.4	.6	.2	.1								1.3	5.1
ESE	.1	.5	.1									.7	5.0
SE	.7	.8	.3	.1								2.3	5.9
SSE	.4	1.5	1.2	.8	.0							4.0	7.4
S	1.4	2.1	2.8	1.5	.1	.0						7.8	7.6
SSW	1.1	1.6	1.0	.6	.0							4.3	6.2
SW	.9	1.5	.9	.2								3.4	5.5
WSW	.8	1.1	.4	.1								2.4	5.0
W	1.0	1.1	.2	.1								2.4	4.6
WNW	.7	.8	.3									1.8	4.5
NW	2.0	2.3	1.3	.1	.1							5.6	5.1
NNW	2.4	5.6	2.0	.9	.4	.2	.0					11.4	6.4
VARBL													
CALM												16.7	
	16.5	29.8	22.4	11.3	2.3	1.0	.1	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3315

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	2.5	5.2	4.0	2.8	.8	.4	.0					15.8	8.2
NNE	1.3	3.4	3.9	3.5	1.0	.6	.0					13.8	9.8
NE	.9	2.1	2.4	1.7	.2							7.2	8.1
ENE	.5	1.0	.7	.4	.1							2.7	7.3
E	.8	.8	.2	.0								1.8	4.5
ESE	.3	.3	.3	.1								1.0	5.8
SE	.7	.6	.9	.1								2.3	5.8
SSE	.4	.9	1.1	.6	.1							3.0	7.8
S	.9	2.0	2.8	.9	.1	.1						6.8	7.6
SSW	.8	1.6	1.2	.5	.0							4.1	6.6
SW	.6	1.9	1.0	.1								3.6	5.5
WSW	.7	.7	.8	.0	.0							2.2	5.5
W	.7	1.1	.5	.2								2.6	5.6
WNW	.6	.9	.4									1.9	4.9
NW	1.2	1.4	1.1	.2	.0	.0						4.0	5.9
NNW	2.1	5.4	2.1	.9	.4	.1						10.9	6.3
VARBL													
CALM												16.5	
	14.9	29.3	23.4	12.1	2.6	1.2	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3316

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 63-74 (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	.7	1.4	2.9	4.1	1.1	.6	.1					10.7	11.6
NNE	.5	1.7	3.9	4.3	1.8	.6	.0					13.0	11.7
NE	.5	2.3	3.4	2.4	.5	.2						9.1	9.5
ENE	.7	1.9	3.0	.8	.1	.0						6.4	7.6
E	.7	2.1	1.4	.2								4.4	5.8
ESE	.4	.6	.6	.1	.0							1.7	6.2
SE	.5	1.1	.6	.6	.0							2.9	7.1
SSE	.5	.8	1.2	1.4	.3							4.1	9.4
S	1.0	2.3	4.5	4.6	.5	.0	.1					13.1	9.6
SSW	.5	2.3	3.9	2.7	.4	.2						9.9	9.2
SW	.6	1.4	2.2	1.1	.1	.1						5.4	8.2
WSW	.4	.8	1.1	.2								2.6	6.9
W	.2	.7	.8	.1	.1							1.9	7.1
WNW	.3	.2	.4	.2								1.1	7.5
NW	.3	.3	.7	.3	.2							1.7	8.6
NNW	.5	.5	1.7	1.6	.6	.3						5.2	11.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.8	
	8.2	20.4	32.2	24.7	5.6	2.0	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 3316

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	.5	1.1	3.1	3.6	1.1	.4						9.9	11.6
NNE	.4	1.2	3.4	3.8	1.0	.1						9.9	11.2
NE	1.0	1.2	3.3	2.3	.5	.0						8.3	9.3
ENE	.5	2.1	2.5	.6	.1							5.8	7.3
E	.5	1.5	1.3	.2								3.5	6.2
ESE	.6	1.0	.5	.1								2.2	5.3
SE	.5	1.2	1.4	.5	.0							3.5	7.3
SSE	.4	1.1	2.1	2.0	.4	.2						6.3	10.2
S	1.1	2.4	6.2	5.9	.8	.0	.0					16.5	9.9
SSW	.5	1.7	4.7	3.2	.5	.1						10.7	9.7
SW	.4	1.3	2.7	1.1	.2							5.7	8.6
WSW	.3	.9	1.5	.3								3.0	7.3
W	.5	.7	.9	.3	.1							2.4	7.2
WNW	.2	.3	.4	.5	.1							1.5	9.8
NW	.2	.6	.8	.7	.1							2.4	9.1
NNW	.3	.5	1.3	1.3	.8	.1	.1	.1				4.4	12.2
VARBL													
CALM												3.8	
	7.9	18.8	36.0	26.7	5.7	1.0	.1	.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 3317

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	.6	.9	3.4	3.3	1.0	.2	.0					9.4	11.2
NNE	.5	1.3	3.3	3.2	.7	.2						9.1	10.5
NE	.6	1.5	3.3	1.6	.2							7.3	8.7
ENE	.9	1.6	1.9	.6	.1							5.1	7.0
E	1.1	2.0	1.7	.2	.1							5.1	5.9
ESE	.7	1.1	.8	.3								2.9	6.0
SE	.6	1.6	1.6	1.5	.1							5.4	8.2
SSE	.7	2.0	3.0	2.3	.5	.0						9.0	9.2
S	1.1	3.0	6.1	3.8	.4	.0						14.4	8.8
SSW	.9	2.5	4.0	2.0	.2							9.6	8.2
SW	.7	1.7	1.9	.5	.1							4.8	7.0
WSW	.2	.7	.8	.2	.0							1.9	7.1
W	.5	.8	.5	.2	.0							2.1	6.3
WNW	.1	.2	.3	.4	.1	.1						1.2	10.4
NW	.3	.4	.9	.7	.2	.1						2.6	9.9
NNW	.2	.6	1.4	1.7	.7	.1	.0					4.9	11.6
VARBL													
CALM												5.2	
	9.6	22.1	35.2	23.0	4.2	.7	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 3319

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	.8	3.0	3.0	1.8	.8	.1	.0					9.6	9.0
NNE	1.1	2.2	2.5	1.9	.5	.1						8.4	8.8
NE	1.2	2.4	3.3	1.1	.1							8.1	7.4
ENE	.7	2.3	1.4	.2	.1							4.6	6.3
E	1.2	1.8	.8	.1	.1							3.9	5.1
ESE	.7	1.4	.8	.3	.0							3.2	6.2
SE	1.2	2.7	3.9	2.4	.1	.0						10.3	8.0
SSE	1.5	3.1	3.9	2.3	.2							11.0	7.9
S	2.2	4.1	1.7	.4								8.5	5.4
SSW	1.4	2.3	.8	.1	.0							4.6	4.9
SW	.6	1.1	.8	.1								2.6	5.6
WSW	.3	.4	.2									1.0	4.8
W	.4	.5	.2	.1								1.2	5.1
WNW	.2	.3	.2	.1								.8	6.4
NW	.5	1.0	.9	.2								2.5	6.3
NNW	1.1	1.7	1.5	.6	.3	.1	.0					5.3	7.8
VARBL													
CALM												14.4	
	15.1	30.2	26.0	11.6	2.2	.4	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3314

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	1.4	3.1	2.6	1.8	.7	.3						9.9	8.7
NNE	1.2	2.8	3.4	2.5	.5	.3	.1					10.8	9.1
NE	1.3	2.5	2.9	1.0	.1							7.7	7.0
ENE	.8	1.2	1.1	.4	.0							3.4	6.3
E	.9	.7	.3	.1	.0							2.0	4.6
ESE	.5	.5	.5	.3	.0							1.9	6.9
SE	1.0	2.1	3.0	.9								7.0	7.2
SSE	.9	2.8	5.2	2.9	.2							12.1	8.5
S	1.4	3.9	3.3	.9	.1							9.6	6.7
SSW	.6	1.5	.8	.2								3.1	5.9
SW	.5	1.0	.5	.1								2.0	5.2
WSW	.4	.3	.2									1.0	4.7
W	.3	.8	.3									1.4	5.2
WNW	.5	.5	.3									1.3	4.7
NW	.7	1.8	1.3	.0	.0	.1						3.9	6.1
NNW	1.2	3.7	1.7	.5	.1	.0						7.2	6.3
VARBL													
CALM												15.8	
	13.6	29.3	27.2	11.5	1.8	.7	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3319

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) DEC (MONTH)

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

CONDITIONS

SPEED (KNTS) DIR.	1 - 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	4.6	4.1	2.3	.7	.3						13.7	8.3
NNE	1.2	2.2	3.6	2.3	.6	.2						10.1	9.1
NE	.8	2.3	2.2	1.1	.1							6.4	7.4
ENE	.4	.9	.7	.2								2.1	6.2
E	.6	.8	.3	.1								1.7	5.2
ESE	.3	.2	.3	.1								.9	6.0
SE	.4	.7	.9	.1		.0						2.2	6.8
SSE	.8	.9	1.7	.7	.1							4.1	7.6
S	1.4	2.5	2.7	1.0	.1							7.7	7.0
SSW	1.2	2.3	1.7	.3								5.4	5.9
SW	1.3	2.3	1.2	.0								4.8	5.2
WSW	.9	1.5	.7	.1								3.2	5.4
W	.9	1.1	1.0	.3								3.3	5.9
WNW	.6	.6	.8	.3	.0							2.4	6.6
NW	1.1	2.2	1.3	.4	.2	.1	.0					5.3	6.7
NNW	1.9	3.9	2.6	.8	.2	.2						9.7	6.9
VARBL													
CALM												16.9	
	15.2	29.1	25.8	10.0	2.1	.8	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 3420

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	4.2	4.8	2.9	1.0	.3	.1					15.2	8.9
NNE	1.6	2.2	3.8	2.7	.5	.0						10.7	8.7
NE	1.2	2.1	2.3	.8	.1							6.6	7.1
ENE	.8	.9	.8	.3								2.7	6.3
E	.6	.6	.2	.1								1.4	5.0
ESE	.2	.2	.1	.0								.6	5.1
SE	.3	.4	.5									1.3	6.2
SSE	.5	1.1	.7	.6								2.8	7.1
S	.5	2.0	2.0	.7	.1							5.4	7.6
SSW	.7	1.5	1.0	.2								3.4	5.8
SW	1.6	2.4	1.3	.1								5.5	5.1
WSW	1.1	1.3	1.1		.0							3.5	5.4
W	1.2	1.6	.8	.3								3.9	5.5
WNW	.9	.9	.6	.2	.0	.0						2.6	5.9
NW	1.5	2.4	1.3	.4	.1	.1	.1					5.9	6.7
NNW	2.5	3.9	2.5	.9	.4	.1						10.2	6.6
VARBL													
CALM												18.1	
	17.0	27.6	24.0	10.2	2.4	.5	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 3412

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	1.7	5.0	6.1	3.5	1.1	.3	.0					16.7	8.9
NNE	1.3	2.5	4.1	2.6	.6	.1						11.1	8.8
NE	1.0	2.2	2.4	.9	.3	.1						6.8	7.7
ENE	.7	1.1	1.2	.3	.0							3.2	6.6
E	.6	.5	.2	.1								1.4	4.7
ESE	.2	.2	.2									.5	5.4
SE	.3	.6	.3	.0								1.2	5.7
SSE	.3	1.1	1.1	.4								2.9	6.8
S	.8	1.8	1.9	.4	.0							4.9	6.7
SSW	.8	1.3	.7	.1								2.9	5.2
SW	1.7	1.9	.8	.2								4.7	5.1
WSW	.7	1.8	.8	.1								3.5	5.5
W	1.2	2.0	1.1	.1								4.4	5.2
WNW	.6	.7	.5	.2	.0							2.0	6.2
NW	1.3	2.2	1.3	.5	.1	.1	.6					5.5	6.6
NNW	2.2	3.8	2.6	1.5	.3	.2						10.7	7.2
VARBL													
CALM												17.6	
	15.4	28.6	24.2	10.9	2.5	.7	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3420

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	1.3	2.2	3.0	4.0	1.7	.6	.0					12.7	11.1
NNE	.7	1.7	4.9	3.9	1.2	.1	.0					12.6	10.5
NE	.9	2.3	3.7	2.2	.5	.1						9.6	8.9
ENE	.7	1.6	2.7	.6								5.7	7.2
E	.9	1.4	.9	.1								3.2	5.5
ESE	.4	.6	.5	.1								1.5	5.7
SE	.6	.9	.6	.1								2.2	5.8
SSE	.3	.8	1.1	.6	.0							2.9	7.9
S	1.1	2.0	3.1	2.2	.3							8.7	8.4
SSW	.8	2.0	3.4	1.4	.1	.0						7.8	8.0
SW	.8	2.0	2.4	1.0	.1							6.2	7.5
WSW	.5	1.6	1.6	.4	.0							4.2	6.8
W	.6	.9	1.0	.2	.0							2.8	6.4
WNW	.2	.3	.5	.3		.1						1.4	8.4
NW	.5	.8	.9	.7	.3	.1	.0					3.3	9.3
NNW	.6	1.2	1.5	1.1	.8	.3	.1					5.7	10.6
VARBL													
CALM												9.4	
	10.9	22.4	31.7	19.1	5.0	1.3	.1					100.2	7.9

TOTAL NUMBER OF OBSERVATIONS 3430

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	.4	1.3	3.0	3.9	1.6	.4	.1					10.7	12.0
NNE	.6	1.5	3.6	3.2	.6	.1						9.7	10.1
NE	.6	1.9	3.4	2.2	.2							8.3	8.6
ENE	.6	1.5	1.9	.9	.0							5.0	7.5
E	1.0	2.0	.9	.2								4.1	5.3
ESE	.4	.5	.7	.1								1.7	6.1
SE	.5	.8	.5	.2		.1						2.1	6.7
SSE	.5	1.3	1.7	1.1	.1							4.7	8.5
S	.9	2.4	5.2	3.7	.2	.1						12.6	9.2
SSW	.3	1.8	5.4	3.4	.5	.0						11.6	9.6
SW	.6	1.4	3.7	1.8	.1	.0						7.7	8.6
WSW	.4	1.0	1.2	.8	.0							3.6	7.7
W	.3	.8	1.2	.5	.1							3.0	8.1
WNW	.1	.2	.5	.6	.1	.1	.0					1.7	11.7
NW	.3	.4	.7	.7	.4	.2						2.7	11.1
NNW	.3	.6	1.5	1.5	.6	.4						5.0	11.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.8	
	8.4	19.6	35.1	24.9	4.6	1.5	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 3429

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	.5	1.7	3.2	3.3	1.0	.2	.0					9.9	10.5
NNE	.5	1.1	3.1	3.5	.1	.1						8.4	10.0
NE	.6	2.0	3.3	1.9	.1							8.1	8.4
ENE	.6	1.7	2.3	.7	.1							5.5	7.2
E	1.1	2.0	1.0	.2								4 4	5.6
ESE	.7	1.2	.5	.2								2.6	5.6
SE	.8	1.2	1.3	.6	.1	.1						4.0	7.4
SSE	.8	1.8	2.6	1.3	.3	.1						6.8	8.3
S	1.5	3.7	5.6	2.8	.1							13.8	8.0
SSW	.9	3.1	4.9	1.3	.1							10.4	7.7
SW	.7	1.9	2.4	.8								5.8	7.2
WSW	.5	.8	1.4	.4								3.0	7.1
W	.3	.6	.5	.3	.0							1.7	7.3
WNW	.1	.1	.4	.4	.1	.1						1.3	11.9
NW	.2	.6	.8	.9	.2	.2	.0					2.9	11.1
NNW	.3	.8	1.6	1.5	.6	.2	.1					5.0	11.4
VARBL													
CALM												6.5	
	10.0	24.4	35.1	20.1	2.9	.9	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 3437

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	3.3	2.5	.5	.4						10.3	9.3
NNE	.9	2.9	3.0	1.8	.2	.1						8.8	8.0
NE	1.1	3.2	3.0	1.6	.3							9.1	7.6
ENE	.8	1.5	1.3	.4								4.1	6.5
E	1.2	1.8	1.1	.4								4.5	5.8
ESE	.7	1.1	.5	.1								2.3	5.2
SE	1.1	2.2	2.7	.8	.1	.0						6.8	7.1
SSE	1.1	2.3	3.4	1.1	.1							8.1	7.5
S	2.2	4.8	1.9	.2	.0							9.1	5.3
SSW	1.3	2.5	1.6	.1								5.5	5.4
SW	.8	1.6	1.0	.0								3.4	5.5
WSW	.6	.7	.5	.1								1.9	5.1
W	.6	.5	.2									1.3	4.5
WNW	.2	.4	.4	.2	.0							1.3	7.4
NW	.4	.8	.6	.3	.2	.1						2.5	8.2
NNW	.9	1.5	2.0	.6	.4	.1	.0					5.4	8.2
VARBL													
CALM												15.8	
	14.8	30.3	26.5	10.0	1.8	.7	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 3422

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	1.4	3.0	3.1	2.2	.9	.4	.0					11.1	9.2
NNE	.8	2.7	3.9	2.3	.5	.2						10.4	9.1
NE	1.1	2.5	2.8	1.3	.2	.1						8.0	7.6
ENE	.7	1.4	.7	.5								3.3	6.3
E	.7	1.0	.7	.2								2.6	5.9
ESE	.6	.6	.4	.1								1.6	5.1
SE	.7	1.6	1.6	.4	.0							4.2	6.7
SSE	1.0	2.5	3.4	1.1	.2							8.2	7.7
S	1.5	2.9	3.2	.6	.0							8.3	6.5
SSW	1.2	1.7	1.4	.1								4.3	5.5
SW	1.0	1.6	.9	.3								3.7	5.7
WSW	.6	1.3	.6	.1								2.6	5.3
W	1.0	.7	.7	.2								2.6	5.6
WNW	.3	.7	.6	.1								1.7	6.4
NW	.3	1.9	1.1	.4	.1	.1						4.5	6.6
NNW	1.7	2.5	1.6	.7	.2	.1						6.8	6.7
VARBL													
CALM												16.1	
	15.1	28.7	26.6	10.5	2.2	.8	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3419

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) ALL (MONTH)

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

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	1.5	1.4	.4	.2	.0					5.0	9.9
NNE	.7	1.5	2.9	2.6	.6	.1	.0	.0	.0			8.4	9.9
NE	1.1	2.0	3.7	2.1	.3	.0	.0	.0				9.3	8.5
ENE	.8	1.6	2.0	.6	.1	.0		.0	.0			5.2	7.2
E	1.1	2.0	1.1	.4	.0	.0						4.9	6.1
ESE	.8	1.4	1.3	.5	.0	.0						4.1	6.7
SE	1.4	3.0	3.7	1.4	.1	.0						9.6	7.4
SSE	1.2	3.6	5.6	2.6	.4	.0	.0					13.2	8.1
S	1.6	4.8	7.2	2.6	.2	.0						16.3	7.7
SSW	.3	2.1	2.3	.7	.0	.0						5.5	7.0
SW	.6	1.0	.8	.1	.0	.0						2.5	6.0
WSW	.3	.4	.2	.1	.0	.0						.9	5.8
W	.2	.3	.2	.1	.0	.0	.0					.8	5.7
WNW	.1	.1	.1	.1	.0	.0	.0		.0			.4	7.2
NW	.2	.2	.2	.1	.0	.0	.0					.7	7.8
NNW	.3	.4	.4	.3	.1	.1	.0	.0				1.5	9.0
VARBL													
CALM												11.4	
	11.7	25.3	33.3	15.6	2.1	.5	.1	.0	.0			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 51887

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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 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.

874-29964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) ALL (MONTH)

ALL (HOUR>(LST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.0	50.9	51.2	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.8
≥ 20000	55.9	58.1	58.5	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.2
≥ 18000	56.1	58.4	58.8	58.9	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.5
≥ 16000	56.5	58.8	59.2	59.3	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.9
≥ 14000	57.3	59.7	60.1	60.3	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.8
≥ 12000	58.5	60.9	61.3	61.5	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0
≥ 10000	59.5	62.1	62.4	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2
≥ 9000	59.9	62.5	62.9	63.1	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6
≥ 8000	60.6	63.3	63.7	63.9	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.5
≥ 7000	61.3	64.1	64.5	64.7	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3
≥ 6000	62.0	64.8	65.3	65.5	65.7	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1
≥ 5000	63.3	66.3	66.7	67.0	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.6
≥ 4500	64.1	67.2	67.6	67.9	68.1	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 4000	65.4	68.6	69.0	69.3	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	70.0
≥ 3500	66.7	70.0	70.5	70.8	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.5
≥ 3000	68.4	71.9	72.4	72.8	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.5
≥ 2500	70.3	74.1	74.7	75.1	75.3	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8
≥ 2000	72.5	76.8	77.5	77.9	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.7
≥ 1800	73.5	78.0	78.6	79.1	79.4	79.4	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9
≥ 1500	75.6	80.5	81.3	81.8	82.2	82.2	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.7
≥ 1200	78.3	84.0	84.9	85.5	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.6
≥ 1000	80.0	86.4	87.4	88.1	88.6	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.3
≥ 900	80.7	87.4	88.5	89.2	89.8	89.9	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.6
≥ 800	81.4	88.5	89.7	90.5	91.2	91.3	91.6	91.7	91.7	91.8	91.9	91.9	91.9	91.9	92.0	92.1
≥ 700	81.9	89.4	90.7	91.6	92.3	92.4	92.8	92.9	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.3
≥ 600	82.2	90.0	91.5	92.5	93.3	93.5	93.8	94.0	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.5
≥ 500	82.5	90.6	92.1	93.3	94.2	94.4	94.9	95.2	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.7
≥ 400	82.6	90.8	92.5	93.8	94.9	95.1	95.7	96.1	96.2	96.4	96.5	96.6	96.6	96.7	96.7	96.8
≥ 300	82.7	91.0	92.7	94.1	95.3	95.6	96.4	96.8	96.9	97.4	97.5	97.6	97.7	97.7	97.8	97.9
≥ 200	82.7	91.0	92.8	94.2	95.5	95.8	96.6	97.2	97.3	97.9	98.2	98.2	98.4	98.5	98.6	98.7
≥ 100	82.7	91.0	92.8	94.2	95.5	95.8	96.7	97.2	97.4	98.1	98.4	98.5	98.8	98.9	99.1	99.4
0	82.7	91.0	92.8	94.2	95.5	95.8	96.7	97.3	97.4	98.1	98.4	98.5	98.8	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 319462

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

SPEEDFLO® MOORE BUSINESS FORMS, INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (MONTH)

ALL (HOURS (EST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.4	44.9	45.2	45.4	45.6	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.2
≥ 20000	49.2	51.0	51.4	51.6	51.8	51.8	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.2	52.4
≥ 18000	49.4	51.2	51.6	51.8	52.0	52.0	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.5	52.6
≥ 16000	49.8	51.6	52.0	52.2	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.9	53.0
≥ 14000	50.6	52.4	52.8	53.0	53.3	53.3	53.4	53.4	53.4	53.5	53.6	53.6	53.6	53.6	53.7	53.9
≥ 12000	51.4	53.2	53.7	53.9	54.1	54.2	54.2	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.6	54.7
≥ 10000	52.3	54.2	54.6	54.8	55.1	55.1	55.2	55.3	55.3	55.3	55.4	55.4	55.5	55.5	55.6	55.7
≥ 9000	52.6	54.5	54.9	55.2	55.4	55.4	55.5	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.9	56.0
≥ 8000	53.4	55.4	55.8	56.1	56.3	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.8	57.0
≥ 7000	54.4	56.5	56.9	57.2	57.4	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.9	58.0
≥ 6000	55.3	57.5	58.0	58.2	58.5	58.5	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.1
≥ 5000	56.7	59.0	59.5	59.8	60.0	60.1	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.5	60.6	60.7
≥ 4500	57.5	59.9	60.4	60.6	60.9	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.6
≥ 4000	58.5	61.0	61.6	61.8	62.1	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.6	62.8
≥ 3500	59.8	62.4	63.0	63.2	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.1	64.2
≥ 3000	61.4	64.3	64.9	65.1	65.5	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.9	65.9	66.0	66.1
≥ 2500	63.5	66.6	67.3	67.6	67.9	68.0	68.1	68.1	68.2	68.2	68.3	68.3	68.4	68.4	68.5	68.6
≥ 2000	65.9	69.6	70.3	70.7	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.6	71.7	71.8
≥ 1800	66.9	70.8	71.6	71.9	72.3	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.9	73.1
≥ 1500	68.6	73.1	74.0	74.4	74.9	74.9	75.1	75.1	75.2	75.2	75.3	75.3	75.4	75.4	75.5	75.7
≥ 1200	70.7	76.1	77.1	77.7	78.3	78.3	78.5	78.6	78.6	78.7	78.8	78.8	78.8	78.9	79.0	79.1
≥ 1000	72.1	78.2	79.4	80.1	80.8	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.7	81.8
≥ 900	72.8	79.3	80.6	81.4	82.2	82.3	82.5	82.7	82.7	82.8	82.9	82.9	83.0	83.0	83.1	83.3
≥ 800	73.4	80.4	81.9	82.8	83.6	83.7	84.1	84.2	84.2	84.4	84.4	84.4	84.6	84.6	84.7	84.9
≥ 700	73.9	81.4	83.1	84.1	85.0	85.2	85.6	85.8	85.8	86.0	86.1	86.1	86.2	86.2	86.3	86.5
≥ 600	74.2	82.2	84.0	85.2	86.3	86.5	87.0	87.3	87.3	87.6	87.7	87.7	87.8	87.8	87.9	88.1
≥ 500	74.6	82.9	85.0	86.5	87.8	88.0	88.8	89.1	89.2	89.6	89.7	89.7	89.9	89.9	90.0	90.2
≥ 400	74.6	83.3	85.6	87.2	88.8	89.2	90.2	90.8	90.9	91.4	91.6	91.6	91.8	91.9	92.0	92.2
≥ 300	74.7	83.4	85.8	87.5	89.4	89.9	91.2	92.0	92.3	93.1	93.4	93.5	93.7	93.8	94.0	94.2
≥ 200	74.7	83.5	85.8	87.7	89.7	90.2	91.7	92.7	93.1	94.4	94.9	95.0	95.5	95.7	96.0	96.3
≥ 100	74.7	83.5	85.8	87.7	89.7	90.3	91.9	93.0	93.3	94.8	95.6	95.8	96.6	96.9	97.6	98.4
0	74.7	83.5	85.8	87.7	89.7	90.3	91.9	93.0	93.4	94.9	95.7	95.8	96.8	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 27151

USAF ETAC FORM JUL 64 0-145 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB 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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.9	44.6	44.8	45.0	45.2	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.5	45.5	45.5	45.6
≥ 20000	49.2	51.1	51.5	51.7	51.9	51.9	52.0	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.3	52.4
< 20000 ≥ 18000	49.5	51.4	51.8	52.0	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.7
< 18000 ≥ 16000	50.1	52.1	52.5	52.6	52.8	52.9	53.0	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.3	53.4
< 16000 ≥ 14000	51.1	53.1	53.5	53.7	53.9	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.4	54.4
< 14000 ≥ 12000	51.9	54.0	54.4	54.6	54.8	54.8	54.9	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.3
< 12000 ≥ 10000	52.8	54.9	55.2	55.4	55.7	55.7	55.8	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.1	56.2
< 10000 ≥ 9000	53.1	55.3	55.6	55.8	56.1	56.1	56.2	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.5	56.6
< 9000 ≥ 8000	54.1	56.3	56.6	56.8	57.1	57.1	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.5	57.5	57.6
< 8000 ≥ 7000	54.9	57.1	57.5	57.7	57.9	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.4
< 7000 ≥ 6000	55.6	57.8	58.2	58.5	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2
< 6000 ≥ 5000	56.6	59.0	59.4	59.7	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.5
< 5000 ≥ 4500	57.3	59.8	60.3	60.5	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.3	61.3
< 4500 ≥ 4000	58.5	61.1	61.6	61.9	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.7
< 4000 ≥ 3500	59.8	62.5	63.1	63.4	63.7	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.2
< 3500 ≥ 3000	61.3	64.3	64.9	65.2	65.5	65.6	65.7	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.1
< 3000 ≥ 2500	63.5	66.8	67.4	67.7	68.1	68.2	68.3	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.7	68.8
< 2500 ≥ 2000	65.7	69.5	70.2	70.6	71.1	71.2	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.8
< 2000 ≥ 1800	66.6	70.5	71.3	71.7	72.2	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.9
< 1800 ≥ 1500	68.6	73.1	73.9	74.4	74.9	75.0	75.2	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.7
< 1500 ≥ 1200	70.8	76.1	77.0	77.7	78.3	78.4	78.7	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.2
< 1200 ≥ 1000	72.2	78.2	79.3	80.1	80.8	81.0	81.3	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.8	81.9
< 1000 ≥ 900	73.0	79.4	80.7	81.5	82.4	82.5	82.9	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.4	83.5
< 900 ≥ 800	73.7	80.7	82.1	83.1	84.0	84.2	84.6	84.7	84.8	85.0	85.0	85.0	85.1	85.1	85.2	85.3
< 800 ≥ 700	74.3	81.7	83.3	84.4	85.5	85.7	86.1	86.4	86.4	86.7	86.7	86.7	86.8	86.8	86.9	87.0
< 700 ≥ 600	74.6	82.5	84.2	85.5	86.7	86.9	87.5	87.8	87.8	88.1	88.2	88.2	88.2	88.3	88.3	88.4
< 600 ≥ 500	74.9	83.1	85.0	86.5	88.0	88.3	89.1	89.5	89.6	90.0	90.1	90.1	90.2	90.2	90.3	90.4
< 500 ≥ 400	75.1	83.5	85.6	87.3	89.0	89.4	90.4	91.0	91.1	91.7	91.9	91.9	92.0	92.0	92.1	92.2
< 400 ≥ 300	75.2	83.9	86.1	87.9	90.0	90.4	91.7	92.6	92.8	93.7	94.0	94.0	94.2	94.2	94.3	94.4
< 300 ≥ 200	75.3	84.0	86.2	88.1	90.4	90.9	92.5	93.5	93.8	95.1	95.9	95.7	96.1	96.2	96.3	96.6
< 200 ≥ 100	75.3	84.0	86.3	88.1	90.5	90.9	92.6	93.7	94.0	95.6	96.3	96.5	97.2	97.4	97.8	98.5
< 100 ≥ 0	75.3	84.0	86.3	88.2	90.5	91.0	92.6	93.7	94.0	95.6	96.4	96.6	97.4	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 24404

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

SPEEDILOG® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-75 (YEARS) MAR (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.3	44.3	44.7	44.9	45.1	45.1	45.2	45.3	45.3	45.4	45.4	45.4	45.5	45.5	45.5	45.6
≥ 20000	50.2	52.7	53.1	53.3	53.6	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.2
≥ 18000	50.5	53.0	53.4	53.6	53.9	53.9	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.4
≥ 16000	50.9	53.4	53.8	54.0	54.3	54.3	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.8	54.8	54.9
≥ 14000	51.8	54.3	54.7	55.0	55.2	55.3	55.4	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.8
≥ 12000	52.8	55.4	55.8	56.1	56.3	56.4	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 10000	53.5	56.1	56.6	56.8	57.1	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.7
≥ 9000	53.8	56.5	57.0	57.2	57.5	57.5	57.7	57.8	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.1
≥ 8000	54.6	57.3	57.7	58.0	58.3	58.3	58.5	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.9
≥ 7000	55.4	58.2	58.6	58.9	59.2	59.2	59.4	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.8
≥ 6000	56.2	59.1	59.5	59.8	60.1	60.2	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 5000	57.7	60.7	61.2	61.5	61.8	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.5
≥ 4500	58.6	61.7	62.2	62.5	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.5
≥ 4000	59.7	63.0	63.6	63.9	64.2	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.9
≥ 3500	61.1	64.6	65.2	65.5	65.8	65.9	66.1	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.5
≥ 3000	62.9	66.7	67.3	67.6	68.0	68.1	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7
≥ 2500	64.9	69.1	69.8	70.2	70.6	70.7	70.9	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.4
≥ 2000	67.3	72.1	72.9	73.4	73.8	73.9	74.2	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.6	74.6
≥ 1800	68.4	73.4	74.2	74.7	75.2	75.3	75.5	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0
≥ 1500	70.3	76.1	77.0	77.7	78.2	78.3	78.5	78.7	78.7	78.3	78.9	78.9	78.9	78.9	78.9	79.0
≥ 1200	73.1	79.9	81.0	81.7	82.4	82.5	82.3	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.3
≥ 1000	74.8	82.5	83.8	84.6	85.3	85.5	85.8	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.3
≥ 900	75.6	83.7	85.2	86.1	86.8	87.0	87.3	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.9
≥ 800	76.3	85.0	86.7	87.8	88.6	88.8	89.2	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.8
≥ 700	76.8	86.0	87.9	89.0	90.1	90.3	90.7	90.9	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.4
≥ 600	77.2	86.8	88.9	90.2	91.4	91.7	92.1	92.5	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.0
≥ 500	77.4	87.4	89.6	91.1	92.5	92.9	93.5	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.5
≥ 400	77.5	87.6	89.9	91.6	93.2	93.6	94.4	94.9	95.1	95.4	95.5	95.5	95.6	95.7	95.7	95.8
≥ 300	77.5	87.8	90.1	91.8	93.8	94.2	95.2	95.9	96.1	96.6	96.8	96.9	97.0	97.1	97.1	97.2
≥ 200	77.5	87.8	90.2	91.9	93.9	94.4	95.5	96.4	96.7	97.4	97.8	97.8	98.1	98.2	98.3	98.4
≥ 100	77.5	87.8	90.2	92.0	94.0	94.4	95.6	96.5	96.8	97.6	98.1	98.2	98.6	98.8	99.1	99.5
0	77.5	87.8	90.2	92.0	94.0	94.4	95.6	96.5	96.8	97.6	98.1	98.2	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 25954

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

SPEEDIFOLD® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.7	39.7	40.0	40.2	40.3	40.4	40.5	40.5	40.6	40.6	40.6	40.6	40.7	40.7	40.7	40.7
≥ 20000	45.4	47.9	48.3	48.6	48.7	48.7	48.9	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1
≥ 18000	45.7	48.3	48.6	48.9	49.0	49.1	49.2	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4
≥ 16000	45.9	48.6	48.9	49.2	49.4	49.4	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.8
≥ 14000	46.7	49.4	49.8	50.1	50.2	50.3	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.7
≥ 12000	47.6	50.4	50.8	51.1	51.2	51.3	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.7
≥ 10000	48.3	51.1	51.5	51.8	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4
≥ 9000	48.8	51.6	52.0	52.3	52.5	52.6	52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.0
≥ 8000	49.4	52.3	52.7	53.0	53.2	53.3	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.7
≥ 7000	50.0	53.0	53.4	53.7	53.9	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4
≥ 6000	50.7	53.8	54.2	54.6	54.8	54.8	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3
≥ 5000	51.8	55.0	55.5	55.8	56.1	56.1	56.3	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5
≥ 4500	52.7	56.0	56.5	56.8	57.1	57.1	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.6
≥ 4000	54.1	57.6	58.1	58.5	58.8	58.8	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.3
≥ 3500	55.6	59.3	59.8	60.2	60.5	60.6	60.7	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0
≥ 3000	57.8	61.8	62.4	62.9	63.2	63.2	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7
≥ 2500	60.4	65.0	65.6	66.2	66.5	66.6	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 2000	63.3	68.7	69.5	70.2	70.5	70.6	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.2
≥ 1800	64.7	70.4	71.3	72.0	72.4	72.5	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.1
≥ 1500	67.4	74.0	75.0	75.8	76.3	76.4	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 1200	71.1	79.2	80.5	81.4	82.0	82.1	82.4	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 1000	73.2	82.3	83.9	85.0	85.7	85.8	86.2	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7
≥ 900	74.0	83.7	85.4	86.6	87.4	87.6	87.9	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4
≥ 800	74.7	85.2	87.1	88.4	89.4	89.5	90.0	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.5	90.5
≥ 700	75.2	86.1	88.2	89.7	90.7	90.9	91.4	91.6	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 600	75.6	87.0	89.2	90.9	92.1	92.4	93.0	93.2	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.7
≥ 500	75.8	87.5	90.0	91.9	93.3	93.6	94.4	94.7	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3
≥ 400	75.9	87.8	90.4	92.4	94.1	94.5	95.4	95.9	96.0	96.4	96.5	96.5	96.6	96.6	96.6	96.7
≥ 300	75.9	88.0	90.7	92.9	94.6	95.1	96.3	96.9	97.1	97.7	97.9	97.9	98.1	98.1	98.2	98.2
≥ 200	76.0	88.1	90.7	92.9	94.8	95.3	96.6	97.3	97.5	98.3	98.7	98.7	99.0	99.0	99.1	99.2
≥ 100	76.0	88.1	90.7	92.9	94.8	95.3	96.6	97.3	97.6	98.5	98.9	98.9	99.3	99.4	99.6	99.7
0	76.0	88.1	90.7	92.9	94.8	95.3	96.6	97.3	97.6	98.5	98.9	99.0	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 26406

SPEEDIGRAF® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) MAY (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.6	41.9	42.2	42.3	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	48.0	50.9	51.3	51.5	51.7	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.0
≥ 18000	48.3	51.3	51.6	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3
≥ 16000	48.5	51.5	51.9	52.1	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	49.1	52.1	52.5	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2
≥ 12000	50.0	53.3	53.7	53.9	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 10000	51.0	54.4	54.9	55.1	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
≥ 9000	51.3	54.8	55.3	55.5	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000	52.0	55.6	56.1	56.3	56.6	56.6	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 7000	52.6	56.4	56.8	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6
≥ 6000	53.4	57.3	57.8	58.1	58.3	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6
≥ 5000	54.9	59.0	59.5	59.8	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 4500	55.9	60.1	60.7	61.0	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5
≥ 4000	57.7	62.2	62.7	63.1	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6
≥ 3500	59.6	64.4	65.0	65.3	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9
≥ 3000	62.1	67.3	67.9	68.3	68.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 2500	64.6	70.4	71.1	71.5	71.9	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 2000	67.7	74.3	75.1	75.6	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≥ 1800	69.0	75.9	76.8	77.3	77.8	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2
≥ 1500	71.7	79.5	80.4	81.1	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1
≥ 1200	75.3	84.3	85.5	86.3	86.9	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.5
≥ 1000	77.5	87.5	88.9	89.8	90.5	90.6	90.8	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.2	91.2
≥ 900	78.3	88.7	90.1	91.1	91.9	92.0	92.2	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 800	79.0	90.0	91.6	92.7	93.6	93.7	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.4	94.4
≥ 700	79.5	91.0	92.6	93.9	94.9	95.0	95.3	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 600	79.8	91.5	93.3	94.8	95.8	96.0	96.3	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.8
≥ 500	80.0	92.0	94.0	95.5	96.6	96.8	97.3	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.9
≥ 400	80.1	92.3	94.3	96.0	97.2	97.5	97.9	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 300	80.2	92.4	94.5	96.2	97.6	97.8	98.4	98.7	98.7	99.0	99.1	99.2	99.2	99.2	99.3	99.3
≥ 200	80.2	92.4	94.6	96.3	97.6	97.9	98.5	98.8	98.9	99.2	99.4	99.4	99.5	99.5	99.6	99.6
≥ 100	80.2	92.4	94.6	96.3	97.6	97.9	98.5	98.8	98.9	99.3	99.5	99.5	99.6	99.7	99.8	99.9
≥ 0	80.2	92.4	94.6	96.3	97.6	97.9	98.5	98.8	98.9	99.3	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 27468

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

SPEEDISET® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUN (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.5	50.4	50.6	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	56.2	58.3	58.6	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0
≥ 18000	56.6	58.7	58.9	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	57.1	59.2	59.4	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	58.1	60.2	60.5	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	59.4	61.5	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	60.6	62.9	63.2	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 9000	60.9	63.2	63.5	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
≥ 8000	61.4	63.8	64.1	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	61.8	64.3	64.6	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	62.3	64.8	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 5000	63.5	66.0	66.3	66.5	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500	64.2	66.8	67.2	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	65.6	68.3	68.7	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3500	67.1	70.0	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9
≥ 3000	69.5	72.5	72.9	73.1	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2500	71.9	75.1	75.5	75.8	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000	75.1	78.6	79.0	79.3	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800	76.7	80.3	80.8	81.1	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1500	80.2	84.2	84.7	85.0	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1200	84.3	89.0	89.6	90.0	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000	86.9	92.1	92.7	93.2	93.6	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	87.8	93.2	93.9	94.4	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
≥ 800	88.7	94.5	95.2	95.7	96.2	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	89.3	95.3	96.1	96.7	97.2	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	89.7	95.9	96.8	97.4	97.9	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	89.9	96.3	97.3	97.9	98.4	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	90.0	96.6	97.6	98.2	98.8	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 300	90.1	96.7	97.7	98.4	99.0	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	90.1	96.7	97.7	98.4	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	90.1	96.7	97.7	98.4	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	90.1	96.7	97.7	98.4	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 26499

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

SPEEDILOG® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUL (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.7	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	69.1	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	69.4	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 16000	69.6	72.1	72.3	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
≥ 14000	70.4	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	72.1	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	75.1
≥ 10000	73.2	75.9	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	73.5	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	74.0	76.8	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	74.5	77.4	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
≥ 6000	74.9	77.8	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	76.1	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	76.8	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	77.6	80.7	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
≥ 3500	78.5	81.7	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	79.5	82.8	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	80.5	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	82.2	85.8	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	83.1	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	85.2	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	88.3	92.7	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	90.3	95.0	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	90.9	95.8	96.3	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
≥ 800	91.7	96.8	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	92.0	97.3	97.9	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	92.3	97.9	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	92.5	98.2	98.8	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	92.6	98.3	98.9	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
≥ 300	92.6	98.3	99.0	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	92.6	98.3	99.0	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	92.6	98.3	99.0	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	92.6	98.3	99.0	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 27443

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) AUG (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.8	63.8	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 20000	70.2	72.5	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	70.4	72.7	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
≥ 16000	70.8	73.2	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	71.6	74.0	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	73.2	75.7	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	74.7	77.5	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	75.1	77.9	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	75.8	78.6	78.9	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 7000	76.2	79.1	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
≥ 6000	76.6	79.6	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	77.7	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	78.4	81.4	81.8	82.0	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	79.4	82.5	82.9	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	80.1	83.3	83.7	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	81.0	84.3	84.7	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	81.9	85.3	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	83.1	86.7	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
≥ 1800	83.8	87.4	87.9	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	85.7	89.6	90.1	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 1200	88.2	92.4	93.0	93.3	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	89.9	94.4	95.0	95.3	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	90.5	95.1	95.7	96.0	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	91.0	95.9	96.5	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	91.4	96.5	97.1	97.5	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	91.8	97.0	97.6	98.0	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	92.0	97.3	98.0	98.5	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	92.1	97.5	98.2	98.7	99.1	99.1	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	92.2	97.6	98.4	98.9	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	92.2	97.6	98.4	98.9	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	92.2	97.6	98.4	98.9	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	92.2	97.6	98.4	98.9	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 27017

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

SPEEDLOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 58,60-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.8	57.7	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5
≥ 20000	62.2	64.5	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4
≥ 18000	62.5	64.8	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 16000	62.9	65.2	65.7	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 14000	64.0	66.5	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	65.6	68.2	68.6	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	67.2	70.0	70.5	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	67.7	70.5	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	68.6	71.6	72.1	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
≥ 7000	69.1	72.2	72.8	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	69.7	72.9	73.4	73.6	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	70.7	74.0	74.5	74.8	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	71.5	74.8	75.4	75.7	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	72.7	76.1	76.7	77.0	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 3500	73.8	77.3	77.9	78.2	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 3000	75.1	78.8	79.4	79.8	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 2500	76.6	80.4	81.1	81.4	81.8	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	78.0	82.0	82.7	83.1	83.4	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	78.6	82.7	83.4	83.8	84.2	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
≥ 1500	80.3	84.6	85.4	85.8	86.2	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 1200	82.5	87.3	88.2	88.7	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 1000	84.2	89.5	90.5	91.0	91.5	91.6	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	84.8	90.3	91.3	91.9	92.5	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 800	85.6	91.5	92.5	93.2	93.9	93.9	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 700	86.3	92.4	93.6	94.3	95.1	95.2	95.4	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9
≥ 600	86.7	93.1	94.3	95.2	96.0	96.1	96.4	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 500	87.0	93.6	95.0	96.0	96.9	97.0	97.4	97.7	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	87.1	94.0	95.4	96.5	97.5	97.6	98.1	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.9	98.9
≥ 300	87.2	94.1	95.6	96.8	97.8	97.9	98.5	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.5
≥ 200	87.2	94.2	95.7	96.9	97.9	98.1	98.7	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8
≥ 100	87.3	94.2	95.7	96.9	97.9	98.1	98.7	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 0	87.3	94.2	95.8	96.9	97.9	98.1	98.7	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 25825

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

SPECIMEN MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) JCT (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.4	58.9	59.3	59.6	59.7	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.2
≥ 20000	60.9	63.7	64.1	64.3	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.9
≥ 18000	61.1	63.9	64.3	64.6	64.7	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.2
≥ 16000	61.4	64.2	64.7	64.9	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5
≥ 14000	62.2	65.1	65.5	65.7	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.4
≥ 12000	63.3	66.3	66.8	67.0	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.6
≥ 10000	64.4	67.4	67.9	68.1	68.3	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.8
≥ 9000	64.8	67.9	68.4	68.6	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.3
≥ 8000	65.6	68.8	69.2	69.5	69.7	69.7	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.1
≥ 7000	66.3	69.6	70.1	70.4	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.0
≥ 6000	67.0	70.4	70.9	71.2	71.4	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.9
≥ 5000	68.3	72.0	72.6	72.9	73.1	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.6
≥ 4500	69.1	72.8	73.4	73.8	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.4	74.5
≥ 4000	70.4	74.3	74.9	75.2	75.5	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9	76.0
≥ 3500	71.7	75.6	76.3	76.6	76.9	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.4
≥ 3000	73.2	77.3	78.0	78.4	78.6	78.7	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.2
≥ 2500	74.9	79.2	79.9	80.4	80.6	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.2
≥ 2000	76.8	81.5	82.3	82.7	83.0	83.0	83.2	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.6
≥ 1800	77.5	82.2	83.0	83.5	83.8	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4
≥ 1500	79.2	84.4	85.2	85.7	86.0	86.1	86.3	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.7
≥ 1200	81.3	86.9	87.9	88.5	88.8	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.5	89.6
≥ 1000	82.7	88.7	89.7	90.4	90.7	90.9	91.1	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.5	91.6
≥ 900	83.3	89.5	90.6	91.3	91.7	91.8	92.1	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.5	92.6
≥ 800	83.9	90.5	91.7	92.5	92.9	93.1	93.3	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.8	93.9
≥ 700	84.4	91.3	92.6	93.4	93.9	94.0	94.3	94.4	94.5	94.6	94.6	94.7	94.7	94.8	94.8	94.9
≥ 600	84.8	92.0	93.4	94.3	94.8	95.0	95.3	95.4	95.5	95.6	95.7	95.7	95.8	95.8	95.9	96.0
≥ 500	85.1	92.6	94.1	95.1	95.8	96.0	96.4	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.1	97.2
≥ 400	85.3	92.9	94.5	95.7	96.4	96.7	97.1	97.3	97.4	97.6	97.7	97.7	97.9	97.9	98.0	98.1
≥ 300	85.4	93.2	94.8	96.0	96.8	97.1	97.6	97.9	98.0	98.3	98.4	98.5	98.6	98.6	98.7	98.8
≥ 200	85.4	93.3	94.9	96.1	97.0	97.3	97.9	98.2	98.3	98.7	98.8	98.8	99.0	99.1	99.2	99.4
≥ 100	85.4	93.3	95.0	96.2	97.1	97.3	97.9	98.3	98.4	98.8	99.0	99.0	99.3	99.3	99.5	99.8
≥ 0	85.4	93.3	95.0	96.2	97.1	97.3	97.9	98.3	98.4	98.8	99.0	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 27384

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.1	52.3	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.3
≥ 20000	56.1	57.6	58.0	58.1	58.3	58.3	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7
≥ 18000	56.4	57.8	58.3	58.4	58.6	58.6	58.7	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	59.0
≥ 16000	56.8	58.2	58.6	58.8	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.4
≥ 14000	57.3	58.7	59.2	59.3	59.5	59.5	59.6	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.9
≥ 12000	58.1	59.6	60.1	60.2	60.4	60.4	60.5	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.8
≥ 10000	59.0	60.7	61.1	61.3	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.9
≥ 9000	59.4	61.1	61.5	61.7	61.8	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.2	62.2	62.3
≥ 8000	60.2	61.9	62.3	62.5	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.2
≥ 7000	61.2	63.0	63.4	63.7	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.3
≥ 6000	62.1	64.0	64.5	64.7	64.9	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 5000	63.8	66.0	66.5	66.7	66.9	66.9	67.1	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4
≥ 4500	65.0	67.3	67.8	68.1	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.8
≥ 4900	66.4	68.8	69.4	69.7	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.4
≥ 3500	67.8	70.4	71.0	71.3	71.5	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0
≥ 3000	69.7	72.6	73.2	73.5	73.8	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3
≥ 2500	71.8	75.1	75.7	76.1	76.4	76.4	76.6	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.9	7o.9
≥ 2000	73.9	77.7	78.4	78.8	79.2	79.2	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.8
≥ 1800	74.7	78.6	79.4	79.8	80.2	80.3	80.5	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.9
≥ 1500	76.3	80.6	81.5	81.9	82.4	82.4	82.6	82.7	82.7	82.8	82.9	82.9	82.9	82.9	83.0	83.1
≥ 1200	78.6	83.5	84.5	85.1	85.6	85.6	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.4	86.4
≥ 1000	79.8	85.3	86.4	87.1	87.6	87.7	88.1	88.2	88.2	88.3	88.4	88.4	88.4	88.5	88.5	88.6
≥ 900	80.4	86.2	87.4	88.2	88.8	88.9	89.3	89.4	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.8
≥ 800	81.0	87.2	88.6	89.4	90.1	90.2	90.6	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.2
≥ 700	81.5	88.1	89.5	90.3	91.2	91.4	91.9	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.5	92.5
≥ 600	81.8	88.8	90.3	91.4	92.3	92.4	93.0	93.2	93.3	93.5	93.5	93.5	93.6	93.6	93.7	93.8
≥ 500	82.0	89.3	90.9	92.2	93.3	93.5	94.2	94.4	94.5	94.8	94.9	94.9	94.9	95.0	95.0	95.1
≥ 400	82.2	89.6	91.4	92.8	94.1	94.3	95.2	95.6	95.7	96.0	96.1	96.1	96.2	96.3	96.3	96.4
≥ 300	82.2	89.8	91.6	93.1	94.6	94.8	95.8	96.4	96.5	97.0	97.2	97.2	97.4	97.4	97.5	97.6
≥ 200	82.2	89.8	91.7	93.2	94.7	95.0	96.1	96.7	96.9	97.5	97.8	97.8	98.1	98.1	98.3	98.5
≥ 100	82.2	89.8	91.7	93.3	94.8	95.1	96.2	96.8	97.0	97.6	98.0	98.1	98.4	98.5	98.9	99.2
0	82.2	89.8	91.7	93.3	94.8	95.1	96.2	96.8	97.0	97.7	98.0	98.1	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 26529

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) DEC (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.7	48.3	48.5	48.7	48.9	48.9	49.0	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.5
≥ 20000	52.9	54.9	55.1	55.4	55.6	55.6	55.7	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.2
≥ 18000	53.1	55.1	55.4	55.6	55.8	55.9	56.0	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.3	56.5
≥ 16000	53.5	55.5	55.7	56.0	56.2	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.8
≥ 14000	54.5	56.6	56.9	57.1	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.7	58.0
≥ 12000	55.6	57.7	58.1	58.3	58.5	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.9	58.9	59.0	59.2
≥ 10000	56.5	58.7	59.1	59.3	59.5	59.6	59.7	59.7	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.2
≥ 9000	56.9	59.2	59.5	59.8	60.0	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.5	60.7
≥ 8000	57.7	60.1	60.5	60.7	61.0	61.0	61.1	61.1	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.7
≥ 7000	58.8	61.2	61.6	61.8	62.1	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.8
≥ 6000	59.8	62.3	62.7	62.9	63.2	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.9
≥ 5000	61.1	63.8	64.1	64.4	64.7	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.4
≥ 4500	62.0	64.7	65.1	65.4	65.6	65.7	65.8	65.8	65.8	65.9	66.0	66.0	66.1	66.1	66.1	66.3
≥ 4000	63.1	65.9	66.4	66.7	66.9	66.9	67.1	67.1	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.6
≥ 3500	64.5	67.5	67.9	68.2	68.5	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9	69.0	69.2
≥ 3000	66.2	69.4	69.9	70.3	70.6	70.6	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.1	71.3
≥ 2500	68.2	71.7	72.3	72.7	73.0	73.0	73.1	73.2	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.7
≥ 2000	70.5	74.4	75.0	75.5	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.4	76.6
≥ 1800	71.3	75.4	76.0	76.5	76.9	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.5	77.7
≥ 1500	72.9	77.4	78.2	78.7	79.1	79.1	79.3	79.4	79.4	79.5	79.6	79.6	79.6	79.7	79.7	79.9
≥ 1200	74.8	80.0	80.9	81.5	81.9	81.9	82.1	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.6	82.8
≥ 1000	75.9	81.9	82.8	83.5	84.0	84.1	84.3	84.4	84.4	84.6	84.7	84.7	84.8	84.8	84.8	85.1
≥ 900	76.3	82.7	83.7	84.4	85.0	85.1	85.4	85.5	85.5	85.7	85.7	85.7	85.8	85.9	85.9	86.1
≥ 800	76.9	83.6	84.8	85.6	86.3	86.4	86.7	86.8	86.8	87.1	87.1	87.1	87.2	87.3	87.3	87.6
≥ 700	77.3	84.5	85.8	86.7	87.5	87.6	88.0	88.2	88.2	88.4	88.5	88.5	88.6	88.7	88.7	88.9
≥ 600	77.6	85.2	86.6	87.6	88.6	88.8	89.2	89.5	89.5	89.8	89.9	89.9	90.0	90.0	90.1	90.3
≥ 500	77.8	85.7	87.2	88.5	89.7	89.9	90.6	90.9	90.9	91.3	91.4	91.4	91.5	91.6	91.6	91.9
≥ 400	77.8	86.0	87.7	89.0	90.5	90.8	91.7	92.1	92.2	92.8	92.9	92.9	93.1	93.2	93.3	93.5
≥ 300	77.9	86.1	87.9	89.4	91.2	91.5	92.7	93.4	93.6	94.4	94.6	94.7	94.9	95.0	95.1	95.4
≥ 200	77.9	86.1	88.0	89.5	91.3	91.8	93.1	94.0	94.3	95.4	95.8	95.8	96.2	96.3	96.5	97.0
≥ 100	77.9	86.1	88.0	89.5	91.4	91.8	93.2	94.1	94.4	95.6	96.1	96.2	96.8	97.0	97.5	98.3
≥ 0	77.9	86.1	88.0	89.5	91.4	91.8	93.2	94.1	94.4	95.6	96.2	96.2	96.9	97.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 27382

SPEEDIFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE .C

CEILING VERSUS VISIBILITY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.9	46.6	47.1	47.4	47.9	47.9	48.2	48.2	48.2	48.4	48.5	48.5	48.6	48.6	48.7	49.0
≥ 20000	48.6	50.5	51.0	51.3	51.8	51.8	52.1	52.1	52.1	52.3	52.4	52.4	52.5	52.5	52.6	52.9
≥ 18000	48.7	50.6	51.1	51.4	51.9	51.9	52.2	52.2	52.3	52.5	52.6	52.6	52.6	52.6	52.8	53.0
≥ 16000	49.0	50.9	51.4	51.7	52.2	52.2	52.5	52.5	52.6	52.8	52.8	52.9	52.9	52.9	53.1	53.3
≥ 14000	49.5	51.4	52.0	52.3	52.8	52.8	53.1	53.1	53.1	53.4	53.4	53.4	53.5	53.5	53.6	53.9
≥ 12000	50.3	52.2	52.8	53.1	53.6	53.6	53.9	53.9	53.9	54.1	54.2	54.2	54.3	54.3	54.4	54.7
≥ 10000	50.9	52.9	53.5	53.8	54.3	54.3	54.6	54.7	54.7	54.9	55.0	55.0	55.1	55.1	55.2	55.4
≥ 9000	51.3	53.2	53.8	54.1	54.7	54.7	54.9	55.0	55.0	55.2	55.3	55.3	55.4	55.4	55.5	55.8
≥ 8000	52.1	54.2	54.8	55.1	55.7	55.7	55.9	56.0	56.0	56.2	56.3	56.3	56.4	56.4	56.5	56.8
≥ 7000	53.0	55.0	55.6	55.9	56.5	56.5	56.8	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.4	57.7
≥ 6000	54.1	56.3	56.9	57.2	57.8	57.8	58.1	58.1	58.2	58.4	58.5	58.5	58.5	58.5	58.7	58.9
≥ 5000	55.3	57.5	58.1	58.5	59.1	59.1	59.4	59.4	59.5	59.7	59.8	59.8	59.8	59.8	60.0	60.2
≥ 4500	56.2	58.5	59.1	59.4	60.0	60.1	60.3	60.4	60.4	60.6	60.7	60.7	60.8	60.8	60.9	61.2
≥ 4000	57.1	59.6	60.2	60.6	61.2	61.2	61.5	61.6	61.6	61.8	61.9	61.9	62.0	62.0	62.1	62.4
≥ 3500	58.0	60.7	61.4	61.8	62.4	62.4	62.7	62.7	62.8	63.0	63.1	63.1	63.2	63.2	63.3	63.5
≥ 3000	59.0	61.8	62.5	62.8	63.4	63.5	63.7	63.8	63.8	64.0	64.1	64.1	64.2	64.2	64.3	64.6
≥ 2500	60.4	63.4	64.1	64.5	65.1	65.1	65.4	65.4	65.5	65.7	65.8	65.8	65.8	65.8	66.0	66.2
≥ 2000	62.6	65.9	66.6	67.0	67.7	67.8	68.1	68.1	68.1	68.3	68.5	68.5	68.6	68.6	68.7	68.9
≥ 1800	63.4	66.8	67.6	68.0	68.7	68.8	69.1	69.1	69.1	69.4	69.5	69.5	69.6	69.6	69.7	69.9
≥ 1500	64.8	68.6	69.4	69.8	70.5	70.6	70.9	70.9	71.0	71.2	71.3	71.3	71.4	71.4	71.5	71.8
≥ 1200	67.5	71.9	72.8	73.3	74.2	74.2	74.5	74.6	74.6	74.8	75.0	75.0	75.1	75.1	75.2	75.4
≥ 1000	69.5	74.5	75.6	76.3	77.4	77.4	77.8	77.9	77.9	78.2	78.3	78.3	78.4	78.4	78.5	78.7
≥ 900	70.4	76.1	77.3	78.1	79.2	79.2	79.7	79.8	79.8	80.0	80.2	80.2	80.2	80.2	80.4	80.6
≥ 800	71.3	77.4	78.9	79.7	81.0	81.0	81.6	81.7	81.7	81.9	82.0	82.0	82.1	82.1	82.3	82.5
≥ 700	72.1	78.6	80.0	81.0	82.4	82.4	83.0	83.1	83.2	83.4	83.6	83.6	83.6	83.6	83.6	84.0
≥ 600	72.7	79.9	81.5	82.6	84.2	84.3	84.9	85.1	85.2	85.4	85.6	85.6	85.7	85.7	85.8	86.1
≥ 500	73.2	81.2	83.0	84.4	86.1	86.3	87.0	87.2	87.3	87.5	87.7	87.7	87.8	87.8	87.9	88.2
≥ 400	73.4	81.8	84.0	85.7	87.7	88.0	89.1	89.4	89.6	89.9	90.1	90.1	90.1	90.1	90.3	90.6
≥ 300	73.4	81.9	84.3	86.2	88.6	89.1	90.4	91.0	91.2	91.6	91.8	91.8	92.0	92.0	92.2	92.6
≥ 200	73.5	82.0	84.5	86.5	89.2	89.7	91.3	92.3	92.6	93.4	94.0	94.0	94.4	94.4	94.8	95.3
≥ 100	73.5	82.0	84.5	86.5	89.2	89.8	91.5	92.6	93.0	94.0	95.0	95.0	95.8	96.1	96.9	97.8
≥ 0	73.5	82.0	84.5	86.5	89.2	89.8	91.6	92.6	93.0	94.1	95.1	95.2	96.2	96.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3387

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

SPEEDISO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 59-75 (YEARS) JAN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.3	42.6	43.2	43.5	43.6	43.6	43.7	43.8	43.8	43.9	43.9	43.9	44.0	44.1	44.3	44.5
≥ 20000	44.0	46.5	47.1	47.4	47.6	47.6	47.6	47.7	47.7	47.9	47.9	47.9	48.0	48.1	48.2	48.5
≥ 18000	44.2	46.6	47.3	47.6	47.7	47.7	47.8	47.8	47.8	48.0	48.0	48.0	48.1	48.2	48.4	48.6
≥ 16000	44.3	46.8	47.4	47.7	47.8	47.8	47.9	48.0	48.0	48.2	48.2	48.2	48.3	48.3	48.5	48.8
≥ 14000	44.9	47.4	48.1	48.4	48.5	48.5	48.6	48.7	48.7	48.9	48.9	48.9	48.9	49.0	49.2	49.5
≥ 12000	45.5	48.1	48.8	49.1	49.3	49.3	49.3	49.4	49.4	49.6	49.6	49.6	49.7	49.8	49.9	50.2
≥ 10000	46.4	49.0	49.7	50.1	50.2	50.2	50.3	50.4	50.4	50.6	50.6	50.6	50.6	50.7	50.9	51.2
≥ 9000	46.6	49.2	49.9	50.3	50.4	50.4	50.5	50.6	50.6	50.8	50.8	50.8	50.9	50.9	51.1	51.4
≥ 8000	47.3	49.9	50.6	51.0	51.1	51.1	51.2	51.3	51.3	51.4	51.4	51.4	51.5	51.6	51.8	52.1
≥ 7000	48.2	50.9	51.7	52.1	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.7	52.9	53.2
≥ 6000	49.1	51.9	52.7	53.0	53.2	53.2	53.3	53.4	53.4	53.6	53.6	53.6	53.7	53.7	53.9	54.2
≥ 5000	50.1	52.9	53.7	54.0	54.2	54.2	54.3	54.4	54.4	54.6	54.6	54.6	54.7	54.8	55.0	55.2
≥ 4500	50.7	53.6	54.5	54.8	55.0	55.0	55.1	55.2	55.2	55.4	55.4	55.4	55.5	55.6	55.8	56.1
≥ 4000	51.5	54.5	55.3	55.7	55.9	55.9	56.0	56.1	56.1	56.3	56.3	56.3	56.4	56.5	56.7	57.0
≥ 3500	52.6	55.8	56.7	57.1	57.3	57.3	57.4	57.5	57.5	57.7	57.7	57.7	57.8	57.9	58.1	58.4
≥ 3000	53.6	57.0	57.8	58.2	58.4	58.4	58.5	58.6	58.6	58.8	58.9	58.9	59.0	59.1	59.2	59.5
≥ 2500	55.1	59.0	59.9	60.3	60.5	60.5	60.6	60.7	60.7	60.9	61.0	61.0	61.1	61.1	61.3	61.6
≥ 2000	57.2	61.7	62.8	63.2	63.5	63.5	63.6	63.7	63.7	63.9	63.9	63.9	64.0	64.1	64.3	64.6
≥ 1800	57.9	62.6	63.7	64.2	64.4	64.4	64.6	64.7	64.7	64.8	64.9	64.9	65.0	65.1	65.2	65.5
≥ 1500	59.4	64.5	65.7	66.3	66.7	66.7	66.8	66.9	66.9	67.1	67.1	67.1	67.2	67.3	67.5	67.8
≥ 1200	61.9	67.8	69.2	70.0	70.4	70.4	70.5	70.7	70.7	70.9	70.9	70.9	71.0	71.1	71.3	71.6
≥ 1000	63.6	70.3	71.8	72.7	73.2	73.3	73.5	73.6	73.6	73.8	73.9	73.9	74.0	74.1	74.3	74.6
≥ 900	64.1	71.2	72.9	73.8	74.4	74.5	74.7	74.9	74.9	75.1	75.2	75.2	75.3	75.4	75.6	75.9
≥ 800	65.1	72.8	74.9	75.8	76.4	76.6	76.9	77.1	77.1	77.3	77.4	77.4	77.5	77.6	77.8	78.1
≥ 700	65.9	74.2	76.5	77.6	78.3	78.5	78.9	79.0	79.0	79.3	79.4	79.4	79.5	79.6	79.8	80.1
≥ 600	66.4	75.2	77.8	79.1	80.0	80.2	80.9	81.0	81.0	81.4	81.5	81.5	81.6	81.7	81.9	82.2
≥ 500	66.8	76.3	79.0	80.6	81.8	82.0	82.8	82.9	82.9	83.4	83.5	83.5	83.6	83.7	84.0	84.3
≥ 400	67.0	77.0	79.9	81.9	83.4	83.7	84.8	85.1	85.2	85.8	85.9	85.9	86.1	86.2	86.5	86.9
≥ 300	67.1	77.3	80.3	82.5	84.5	85.0	86.3	86.9	86.9	87.6	87.8	87.8	88.1	88.2	88.5	88.9
≥ 200	67.1	77.3	80.4	82.8	85.1	85.6	87.3	88.1	88.3	89.5	89.8	89.9	90.7	90.9	91.5	92.1
≥ 100	67.1	77.3	80.4	82.9	85.2	85.8	87.5	88.5	88.6	90.4	90.9	91.1	92.6	93.2	94.4	96.0
≥ 0	67.1	77.3	80.4	82.9	85.2	85.8	87.5	88.5	88.6	90.5	91.0	91.2	93.0	93.7	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3392

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

SPECIFICON® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0800~~ (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.8	37.8	38.4	38.7	38.8	38.8	38.9	39.0	39.0	39.0	39.2	39.2	39.3	39.4	39.5	39.7
≥ 20000	39.8	42.3	43.1	43.3	43.5	43.5	43.6	43.6	43.6	43.7	43.8	43.8	44.1	44.1	44.3	44.6
≥ 18000	40.0	42.6	43.2	43.6	43.8	43.8	43.9	43.9	43.9	44.0	44.1	44.1	44.3	44.4	44.6	44.9
≥ 16000	40.3	42.8	43.5	43.6	44.0	44.0	44.1	44.2	44.2	44.2	44.3	44.4	44.6	44.7	44.8	45.1
≥ 14000	40.9	43.5	44.1	44.5	44.7	44.7	44.8	44.8	44.8	44.9	45.0	45.1	45.3	45.4	45.5	45.8
≥ 12000	41.6	44.2	44.9	45.2	45.4	45.4	45.5	45.6	45.6	45.6	45.8	45.8	46.0	46.1	46.3	46.5
≥ 10000	42.3	45.0	45.6	46.0	46.2	46.2	46.3	46.4	46.4	46.4	46.6	46.6	46.8	47.0	47.2	47.4
≥ 9000	42.6	45.4	46.1	46.4	46.6	46.6	46.8	46.8	46.8	46.9	47.0	47.0	47.3	47.4	47.6	47.9
≥ 8000	43.3	46.3	47.0	47.3	47.5	47.5	47.7	47.7	47.7	47.8	47.9	48.0	48.2	48.4	48.6	48.8
≥ 7000	44.2	47.3	48.1	48.4	48.6	48.6	48.8	48.8	48.8	48.9	49.0	49.1	49.3	49.4	49.6	49.9
≥ 6000	45.4	48.6	49.4	49.8	50.1	50.1	50.2	50.3	50.3	50.3	50.5	50.5	50.7	50.9	51.1	51.4
≥ 5000	46.5	49.9	50.6	51.2	51.4	51.4	51.6	51.6	51.6	51.7	51.8	51.9	52.1	52.3	52.5	52.8
≥ 4500	47.1	50.8	51.6	52.0	52.3	52.3	52.4	52.5	52.5	52.5	52.7	52.7	53.0	53.2	53.4	53.6
≥ 4000	47.7	51.4	52.3	52.7	53.0	53.0	53.1	53.2	53.2	53.2	53.4	53.4	53.7	53.9	54.1	54.4
≥ 3500	49.1	52.9	53.9	54.3	54.5	54.5	54.7	54.7	54.7	54.8	54.9	55.0	55.2	55.4	55.7	55.9
≥ 3000	50.5	54.5	55.5	56.0	56.3	56.3	56.5	56.5	56.5	56.6	56.7	56.9	57.0	57.2	57.4	57.7
≥ 2500	52.3	56.7	57.7	58.3	58.6	58.6	58.8	58.8	58.8	58.9	59.1	59.1	59.4	59.6	59.8	60.1
≥ 2000	54.4	59.3	60.6	61.2	61.6	61.6	61.8	61.9	61.9	62.0	62.1	62.2	62.4	62.6	62.8	63.1
≥ 1800	55.2	60.3	61.7	62.3	62.8	62.8	63.0	63.0	63.0	63.1	63.3	63.3	63.6	63.8	64.0	64.3
≥ 1500	56.6	62.2	63.8	64.6	65.1	65.1	65.3	65.5	65.5	65.6	65.7	65.7	66.0	66.2	66.5	66.7
≥ 1200	58.6	65.2	66.9	68.0	68.6	68.6	68.9	69.0	69.1	69.2	69.3	69.4	69.6	69.8	70.1	70.4
≥ 1000	59.9	67.3	69.2	70.4	71.2	71.2	71.5	71.7	71.8	71.9	72.0	72.1	72.3	72.5	72.8	73.1
≥ 900	60.7	68.6	70.8	72.0	73.0	73.0	73.3	73.7	73.7	73.8	74.0	74.0	74.3	74.5	74.8	75.1
≥ 800	61.4	69.8	72.2	73.5	74.7	74.7	75.1	75.5	75.5	75.6	75.8	75.8	76.2	76.4	76.6	77.0
≥ 700	62.0	70.9	73.5	74.9	76.1	76.3	76.7	77.0	77.1	77.4	77.6	77.6	78.0	78.2	78.5	78.8
≥ 600	62.4	72.0	74.8	76.4	77.8	77.9	7 .4	78.9	78.9	79.3	79.5	79.5	80.0	80.2	80.5	80.8
≥ 500	62.9	73.0	76.2	78.0	79.6	79.8	80.7	81.2	81.3	81.8	82.0	82.0	82.5	82.7	83.0	83.3
≥ 400	62.9	73.5	76.8	79.0	80.9	81.3	82.5	83.3	83.5	84.1	84.4	84.4	85.0	85.3	85.6	85.9
≥ 300	63.0	73.8	77.2	79.7	82.0	82.4	84.0	85.1	85.3	86.4	87.0	87.1	87.8	88.1	88.4	88.9
≥ 200	63.0	73.9	77.3	79.9	82.3	82.8	84.6	85.9	86.2	88.0	89.0	89.1	90.3	90.7	91.3	92.1
≥ 100	63.0	73.9	77.3	80.0	82.5	83.0	84.9	86.3	86.6	88.7	90.0	90.3	92.0	92.8	94.2	96.2
0	63.0	73.9	77.3	80.0	82.5	83.0	84.9	86.3	86.6	88.7	90.1	90.3	92.1	93.1	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3398

USAF ETAC FORM JUL 54 0-14-5 (OL A) PREVIOUS EDITIONS C [illegible] RE OBSOLETE

SPEEDLOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRA Cr
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 30-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	37.0	37.4	37.5	37.7	37.7	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	38.0	38.2
≥ 20000	41.0	43.0	43.5	43.7	43.8	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.3
≥ 18000	41.4	43.5	44.0	44.1	44.3	44.3	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.7	44.8
≥ 16000	41.9	44.0	44.5	44.6	44.8	44.9	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.3
≥ 14000	42.8	44.9	45.4	45.6	45.7	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.1	46.2
≥ 12000	43.5	45.7	46.3	46.4	46.6	46.6	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	47.0	47.1
≥ 10000	44.3	46.7	47.3	47.4	47.6	47.6	47.8	47.8	47.8	47.9	47.9	47.9	48.0	48.0	48.1	48.2
≥ 9000	44.6	47.0	47.6	47.8	47.9	48.0	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.4	48.5
≥ 8000	45.7	48.2	48.7	48.9	49.1	49.1	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.6	49.7
≥ 7000	46.7	49.4	49.9	50.1	50.3	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.8	50.9
≥ 6000	47.7	50.5	51.0	51.2	51.4	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.9	52.0
≥ 5000	49.0	51.9	52.6	52.7	52.9	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.5
≥ 4500	49.7	52.8	53.5	53.7	53.8	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.3	54.4
≥ 4000	50.4	53.6	54.4	54.5	54.7	54.8	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.3
≥ 3500	51.5	54.9	55.7	55.8	56.0	56.1	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.6
≥ 3000	52.6	56.2	57.1	57.4	57.6	57.7	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.2	58.3
≥ 2500	54.6	58.5	59.5	59.8	60.2	60.3	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.8	60.9
≥ 2000	57.2	61.6	62.8	63.1	63.6	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.3	64.4
≥ 1800	58.2	62.8	64.1	64.4	64.9	65.0	65.2	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.6	65.7
≥ 1500	59.9	65.1	66.4	67.0	67.5	67.7	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.4
≥ 1200	62.3	68.7	70.1	70.9	71.4	71.6	71.9	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.3	72.5
≥ 1000	64.3	71.8	73.3	74.2	74.8	75.0	75.3	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.8	76.0
≥ 900	65.0	73.2	75.0	75.9	76.6	76.8	77.1	77.3	77.3	77.5	77.6	77.6	77.7	77.7	77.8	78.0
≥ 800	65.4	74.2	76.3	77.5	78.3	78.5	78.9	79.1	79.1	79.4	79.4	79.5	79.6	79.6	79.7	79.8
≥ 700	66.0	75.5	77.8	79.5	80.7	80.9	81.6	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.6	82.7
≥ 600	66.4	76.3	79.0	80.8	82.2	82.5	83.2	83.7	83.7	84.1	84.3	84.3	84.5	84.5	84.6	84.7
≥ 500	66.7	77.1	80.2	82.4	84.1	84.5	85.6	86.3	86.4	87.2	87.4	87.4	87.8	87.8	87.9	88.0
≥ 400	66.8	77.4	80.6	83.1	85.0	85.6	87.1	88.1	88.3	89.4	89.7	89.8	90.2	90.3	90.4	90.5
≥ 300	66.8	77.5	80.8	83.4	85.8	86.4	88.3	89.7	90.1	91.6	92.4	92.6	93.3	93.4	93.7	93.9
≥ 200	66.8	77.5	80.8	83.4	85.9	86.5	88.6	90.3	90.8	92.7	93.9	94.1	95.3	95.6	95.9	96.3
≥ 100	66.8	77.5	80.8	83.4	85.9	86.5	88.6	90.4	90.9	93.0	94.5	94.8	96.3	96.8	97.6	98.6
0	66.8	77.5	80.8	83.4	85.9	86.5	88.6	90.4	90.9	93.1	94.6	94.9	96.5	97.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3394

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

SPEEDISO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 39-75 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.5	42.6	42.9	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	49.2	50.5	50.8	50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	49.3	50.7	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	50.0	51.3	51.6	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	50.8	52.3	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0
≥ 12000	51.6	53.1	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	52.5	54.0	54.3	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	52.9	54.4	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000	53.8	55.4	55.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 7000	54.8	56.6	56.9	57.0	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	55.7	57.4	57.7	57.8	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 5000	57.5	59.4	59.7	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
≥ 4500	58.1	60.0	60.4	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4000	59.1	61.1	61.4	61.6	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500	60.4	62.5	62.9	63.0	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3000	62.9	65.2	65.6	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2500	66.0	68.6	69.1	69.3	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2000	69.8	73.1	73.7	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1800	71.1	74.6	75.1	75.4	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1500	73.5	77.8	78.4	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	76.2	81.6	82.6	83.1	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1000	77.4	83.7	84.9	85.5	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 900	77.9	84.6	86.0	86.6	87.4	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	78.6	85.9	87.3	88.0	88.8	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700	78.9	86.7	88.4	89.3	90.1	90.2	90.5	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	79.1	87.2	89.2	90.4	91.4	91.6	92.0	92.1	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6
≥ 500	79.3	87.6	89.9	91.3	92.6	92.9	93.6	93.9	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 400	79.3	87.8	90.2	91.6	93.2	93.7	94.6	95.1	95.5	96.1	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	79.3	87.8	90.3	91.9	93.6	94.1	95.2	96.0	96.5	97.5	97.7	97.8	97.9	97.9	98.0	98.0
≥ 200	79.3	87.8	90.3	91.9	93.7	94.2	95.4	96.3	96.9	98.3	98.7	98.8	98.9	99.0	99.0	99.1
≥ 100	79.3	87.8	90.3	91.9	93.7	94.3	95.5	96.4	97.0	98.5	99.0	99.1	99.2	99.3	99.6	99.7
≥ 0	79.3	87.8	90.3	91.9	93.7	94.3	95.5	96.4	97.0	98.5	99.0	99.1	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3389

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

STEELOID® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.5	47.2	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000	56.4	57.3	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	56.6	57.5	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	57.2	58.2	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	58.3	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	59.6	60.6	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	60.6	61.6	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 9000	60.9	62.0	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	62.1	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	63.2	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	64.2	65.3	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	66.2	67.6	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4500	67.4	68.8	68.9	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
≥ 4000	69.0	70.5	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	70.7	72.3	72.4	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
≥ 3000	73.5	75.4	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	76.3	78.4	78.6	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	78.8	81.7	81.8	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800	79.7	82.7	82.9	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1500	81.5	85.5	85.8	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	83.0	87.7	88.0	88.5	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	83.5	88.5	88.9	89.6	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	83.9	89.2	89.8	90.5	91.1	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	84.1	89.7	90.3	91.0	91.6	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 700	84.3	90.3	91.2	92.1	92.8	93.0	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	84.5	90.7	91.7	92.6	93.5	93.7	94.0	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	84.6	90.9	92.2	93.3	94.3	94.6	95.3	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	84.6	91.1	92.4	93.6	94.8	95.1	96.2	96.7	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	84.6	91.1	92.4	93.6	94.9	95.4	96.7	97.4	97.8	98.4	98.6	98.6	98.6	98.7	98.7	98.7
≥ 200	84.6	91.1	92.4	93.6	94.9	95.4	96.9	97.6	98.1	98.9	99.1	99.1	99.2	99.3	99.3	99.4
≥ 100	84.6	91.1	92.4	93.6	94.9	95.4	96.9	97.7	98.2	98.9	99.4	99.4	99.5	99.6	99.7	99.9
≥ 0	84.6	91.1	92.4	93.6	94.9	95.4	96.9	97.7	98.2	98.9	99.4	99.4	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3401

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

SPEEDILOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.9	53.1	53.2	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	59.4	60.6	60.7	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 18000	59.5	60.7	60.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
≥ 16000	60.1	61.3	61.4	61.5	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	61.2	62.4	62.5	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	61.9	63.2	63.3	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	63.3	64.6	64.7	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 9000	63.5	64.8	64.9	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥ 8000	64.3	65.6	65.7	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	65.2	66.6	66.7	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	66.0	67.4	67.6	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	67.6	69.2	69.3	69.4	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	68.6	70.2	70.3	70.5	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	70.1	71.8	71.9	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3500	71.6	73.5	73.6	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3000	73.4	75.5	75.7	75.8	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2500	75.2	77.6	77.8	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 2000	77.0	80.0	80.2	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 1800	78.4	81.7	82.0	82.3	82.7	82.7	82.7	82.8	82.9	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 1500	80.4	84.2	84.6	85.0	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1200	81.3	86.0	86.5	86.9	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	82.3	87.5	88.2	88.7	89.4	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 900	82.6	88.0	88.8	89.3	90.0	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 800	83.0	88.8	89.7	90.2	91.0	91.0	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 700	83.1	89.3	90.1	90.7	91.5	91.5	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 600	83.4	89.8	90.7	91.4	92.2	92.3	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 500	83.5	90.3	91.3	92.3	93.1	93.2	93.9	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.5
≥ 400	83.5	90.3	91.4	92.5	93.6	93.7	94.7	95.0	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.8
≥ 300	83.6	90.5	91.7	92.7	94.0	94.2	95.4	95.8	96.2	96.8	97.1	97.1	97.1	97.1	97.1	97.2
≥ 200	83.6	90.5	91.7	92.7	94.0	94.3	95.5	96.2	96.6	97.8	98.2	98.3	98.4	98.4	98.4	98.5
≥ 100	83.6	90.5	91.7	92.7	94.0	94.3	95.5	96.4	96.8	98.1	98.7	98.8	99.0	99.1	99.2	99.6
≥ 0	83.6	90.5	91.7	92.7	94.0	94.3	95.6	96.4	96.8	98.1	98.7	98.9	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3396

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.8	52.2	52.6	52.8	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.7
≥ 20000	55.4	56.9	57.4	57.6	57.9	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.4	58.5
≥ 18000	55.5	57.1	57.6	57.8	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.7	58.8
≥ 16000	55.9	57.5	58.0	58.2	58.6	58.7	58.7	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.1	59.2
≥ 14000	56.5	58.1	58.7	58.9	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.8	59.9
≥ 12000	57.0	58.7	59.2	59.4	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.3	60.5
≥ 10000	57.9	59.6	60.1	60.3	60.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.3	61.4
≥ 9000	58.1	59.8	60.4	60.6	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.5	61.7
≥ 8000	58.7	60.5	61.0	61.2	61.6	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.2	62.3
≥ 7000	59.8	61.6	62.1	62.3	62.8	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.3	63.3	63.4	63.5
≥ 6000	60.4	62.4	63.0	63.2	63.6	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.2	64.3
≥ 5000	61.8	63.8	64.4	64.6	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.6	65.8
≥ 4500	62.3	64.3	64.9	65.1	65.6	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.2	66.3
≥ 4000	63.5	65.7	66.4	66.6	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.6	67.8
≥ 3500	64.3	66.8	67.4	67.6	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.7	68.8
≥ 3000	65.9	68.5	69.2	69.4	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.4	70.6
≥ 2500	67.8	70.9	71.5	71.8	72.3	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.9	73.0
≥ 2000	69.0	73.2	74.0	74.2	74.8	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.5
≥ 1800	71.0	74.5	75.3	75.6	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.8	77.0
≥ 1500	72.6	76.7	77.5	77.8	78.3	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	79.0	79.1
≥ 1200	74.9	79.7	80.6	80.9	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.4	82.5
≥ 1000	76.6	82.3	83.5	83.8	84.5	84.6	84.8	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.4	85.5
≥ 900	77.4	83.4	84.6	85.0	85.8	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.7	86.8
≥ 800	78.2	84.7	86.0	86.4	87.2	87.4	87.5	87.6	87.6	87.7	87.8	87.8	87.9	87.9	88.1	88.2
≥ 700	78.9	85.7	87.1	87.5	88.5	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.5	89.6
≥ 600	79.1	86.2	87.6	88.2	89.3	89.5	90.0	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.6	90.7
≥ 500	79.4	86.9	88.5	89.4	90.6	90.8	91.4	91.6	91.6	91.8	91.8	91.8	91.9	91.9	92.1	92.3
≥ 400	79.6	87.3	89.0	90.1	91.5	92.0	92.8	93.2	93.3	93.4	93.5	93.5	93.6	93.6	93.9	94.0
≥ 300	79.6	87.4	89.1	90.2	92.0	92.5	93.5	94.2	94.4	94.8	94.9	94.9	95.1	95.1	95.3	95.5
≥ 200	79.6	87.4	89.2	90.4	92.4	93.0	94.3	95.2	95.4	96.4	96.6	96.6	97.1	97.2	97.4	97.6
≥ 100	79.6	87.5	89.2	90.5	92.6	93.2	94.5	95.5	95.8	97.1	97.6	97.6	98.3	98.4	98.8	99.3
≥ 0	79.6	87.5	89.2	90.5	92.6	93.2	94.5	95.5	95.8	97.2	97.8	97.8	98.4	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3394

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

SPEEDI-GO® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 59-75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.6	45.2	45.5	45.7	46.0	46.0	46.2	46.2	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.5
≥ 20000	47.5	49.4	49.8	50.0	50.3	50.3	50.5	50.5	50.6	50.6	50.7	50.7	50.8	50.8	50.9	51.0
≥ 18000	48.0	49.7	50.1	50.3	50.6	50.7	50.8	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.2	51.3
≥ 16000	48.7	50.5	50.9	51.1	51.4	51.5	51.6	51.7	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.1
≥ 14000	49.7	51.5	51.9	52.2	52.5	52.5	52.7	52.7	52.8	52.8	52.9	52.9	52.9	52.9	53.0	53.2
≥ 12000	50.6	52.4	52.6	53.1	53.4	53.4	53.6	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.9	54.1
≥ 10000	50.9	52.8	53.2	53.5	53.8	53.8	53.9	54.0	54.0	54.1	54.2	54.2	54.2	54.2	54.3	54.5
≥ 9000	51.2	53.1	53.6	53.8	54.1	54.1	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.8
≥ 8000	52.2	54.2	54.6	54.8	55.2	55.2	55.4	55.4	55.5	55.6	55.6	55.7	55.7	55.7	55.8	55.9
≥ 7000	52.8	54.8	55.2	55.5	55.8	55.8	56.0	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.4	56.5
≥ 6000	53.4	55.4	55.8	56.0	56.4	56.4	56.6	56.6	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.1
≥ 5000	54.0	56.4	56.9	57.2	57.5	57.6	57.7	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.3
≥ 4500	54.7	57.2	57.8	58.2	58.5	58.6	58.8	58.8	58.9	58.9	59.0	59.0	59.1	59.1	59.2	59.3
≥ 4000	55.6	58.3	58.9	59.2	59.6	59.6	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.3
≥ 3500	56.2	59.2	59.7	60.1	60.5	60.6	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.1	61.2	61.3
≥ 3000	57.5	60.6	61.2	61.5	61.9	62.0	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.6	62.7
≥ 2500	59.0	62.4	63.0	63.4	63.9	64.0	64.2	64.2	64.3	64.3	64.4	64.4	64.5	64.5	64.6	64.7
≥ 2000	61.3	65.0	65.6	66.1	66.6	66.7	66.9	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.4
≥ 1800	62.0	65.9	66.6	67.1	67.6	67.7	67.9	67.9	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.4
≥ 1500	64.6	68.8	69.5	70.1	70.6	70.7	70.9	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.3	71.5
≥ 1200	67.1	71.9	72.6	73.4	74.1	74.2	74.5	74.5	74.6	74.7	74.7	74.8	74.8	74.8	74.9	75.1
≥ 1000	69.1	74.6	75.5	76.4	77.0	77.2	77.6	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.1	78.2
≥ 900	70.5	76.8	77.8	78.8	79.5	79.7	80.2	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.6	80.8
≥ 800	71.7	78.6	79.7	80.7	81.5	81.7	82.1	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.8
≥ 700	72.6	80.0	81.2	82.5	83.4	83.6	84.0	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6	84.8
≥ 600	73.1	81.1	82.5	83.9	85.0	85.2	85.8	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.6
≥ 500	73.9	82.4	84.1	85.9	87.2	87.5	88.1	88.3	88.4	88.5	88.6	88.6	88.7	88.7	88.8	88.9
≥ 400	74.3	83.0	84.8	86.9	88.5	88.8	89.6	90.0	90.0	90.4	90.4	90.5	90.6	90.6	90.7	90.9
≥ 300	74.5	83.5	85.4	87.7	89.6	90.0	91.2	91.7	91.8	92.3	92.4	92.5	92.6	92.7	92.8	93.0
≥ 200	74.6	83.7	85.7	88.1	90.2	90.7	92.2	92.8	93.0	94.1	94.6	94.7	95.1	95.2	95.3	95.5
≥ 100	74.6	83.7	85.8	88.1	90.3	90.8	92.4	93.2	93.4	94.8	95.5	95.9	96.8	97.1	97.3	98.1
≥ 0	74.6	83.8	85.8	88.1	90.3	90.9	92.4	93.2	93.4	94.9	95.9	96.1	97.1	97.4	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3053

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

DATA PROCESSING BR Cr
USAF ETAC
AIR WEATHER SERVICE/ MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 9-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.9	39.8	40.2	40.4	40.6	40.6	40.7	40.7	40.7	40.8	40.9	40.9	41.0	41.0	41.0	41.1
≥ 20000	40.7	43.0	43.6	43.9	44.1	44.1	44.2	44.2	44.2	44.3	44.4	44.4	44.5	44.5	44.5	44.6
≥ 18000	40.9	43.2	43.8	44.1	44.3	44.3	44.4	44.4	44.4	44.5	44.6	44.6	44.7	44.7	44.7	44.8
≥ 16000	41.4	43.7	44.3	44.6	44.8	44.8	44.9	44.9	44.9	45.0	45.1	45.1	45.2	45.2	45.2	45.3
≥ 14000	42.6	44.9	45.5	45.8	46.0	46.0	46.1	46.1	46.1	46.2	46.3	46.3	46.4	46.4	46.4	46.5
≥ 12000	43.4	45.7	46.4	46.6	46.9	46.8	46.9	46.9	46.9	47.1	47.1	47.2	47.2	47.2	47.2	47.3
≥ 10000	43.9	46.3	47.0	47.2	47.4	47.4	47.5	47.5	47.5	47.7	47.7	47.8	47.8	47.8	47.9	48.0
≥ 9000	44.1	46.5	47.2	47.4	47.6	47.6	47.7	47.7	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.1
≥ 8000	45.2	47.6	48.3	48.6	48.8	48.8	48.9	48.9	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.3
≥ 7000	45.8	48.4	49.1	49.3	49.5	49.5	49.7	49.7	49.7	49.8	49.9	49.9	49.9	50.0	50.0	50.1
≥ 6000	46.4	49.0	49.6	49.9	50.1	50.1	50.2	50.2	50.2	50.4	50.4	50.5	50.5	50.5	50.6	50.7
≥ 5000	47.2	50.0	50.7	51.0	51.2	51.2	51.4	51.4	51.4	51.5	51.6	51.6	51.6	51.7	51.7	51.8
≥ 4500	47.9	50.8	51.6	51.9	52.2	52.2	52.3	52.3	52.3	52.5	52.5	52.6	52.6	52.6	52.7	52.8
≥ 4000	49.0	52.1	52.9	53.2	53.5	53.5	53.7	53.7	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.1
≥ 3500	49.9	53.1	54.0	54.3	54.6	54.6	54.8	54.8	54.8	54.9	55.0	55.0	55.1	55.1	55.1	55.2
≥ 3000	51.0	54.4	55.2	55.6	56.0	56.0	56.2	56.2	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.6
≥ 2500	53.2	56.8	57.8	58.2	58.7	58.7	58.9	58.9	58.9	59.0	59.1	59.2	59.2	59.2	59.3	59.4
≥ 2000	55.0	59.4	60.4	61.0	61.5	61.6	61.8	61.8	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.2
≥ 1800	55.8	60.3	61.4	62.0	62.5	62.6	62.8	62.8	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.3
≥ 1500	58.3	63.5	64.7	65.3	65.9	66.0	66.2	66.2	66.2	66.3	66.5	66.5	66.5	66.6	66.6	66.7
≥ 1200	60.6	66.6	68.0	68.7	69.6	69.7	69.9	69.9	69.9	70.0	70.2	70.2	70.2	70.3	70.3	70.4
≥ 1000	62.6	69.4	70.9	71.7	72.7	72.8	73.1	73.1	73.1	73.2	73.4	73.4	73.5	73.6	73.6	73.7
≥ 900	63.6	70.8	72.5	73.3	74.3	74.4	74.7	74.7	74.7	74.9	75.1	75.1	75.2	75.3	75.3	75.4
≥ 800	64.8	72.8	74.7	75.8	76.8	76.9	77.3	77.4	77.4	77.6	77.8	77.8	77.9	77.9	78.0	78.1
≥ 700	65.3	74.0	76.1	77.2	78.4	78.5	79.0	79.1	79.1	79.3	79.5	79.5	79.6	79.7	79.7	79.8
≥ 600	65.7	74.9	77.3	78.6	80.0	80.1	80.6	80.7	80.7	80.9	81.1	81.2	81.3	81.3	81.3	81.4
≥ 500	66.2	76.0	78.7	80.2	81.8	82.0	82.7	82.9	82.9	83.2	83.4	83.4	83.5	83.6	83.6	83.7
≥ 400	66.8	77.1	80.1	81.9	84.0	84.2	85.2	85.4	85.5	86.0	86.2	86.2	86.3	86.3	86.4	86.5
≥ 300	67.2	77.9	81.1	83.2	85.8	86.0	87.5	88.1	88.3	89.1	89.3	89.4	89.5	89.6	89.6	89.8
≥ 200	67.3	78.3	81.7	83.9	86.9	87.2	89.4	90.2	90.3	91.8	92.4	92.5	93.0	93.0	93.2	93.7
≥ 100	67.3	78.3	81.8	83.9	87.1	87.3	89.6	90.5	90.7	92.6	93.7	93.9	94.9	95.2	95.8	97.2
0	67.3	78.3	81.8	83.9	87.1	87.3	89.7	90.6	90.8	92.7	93.8	94.0	95.3	95.6	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3054

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS, LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.7	36.6	37.1	37.4	37.7	37.7	37.8	37.8	37.9	38.1	38.1	38.1	38.3	38.4	38.5	38.8
≥ 20000	36.8	40.1	40.8	41.1	41.6	41.6	41.7	41.7	41.8	42.1	42.1	42.1	42.3	42.4	42.5	42.8
≥ 18000	37.0	40.3	41.0	41.4	41.8	41.8	41.9	42.0	42.0	42.3	42.4	42.4	42.5	42.6	42.7	43.0
≥ 16000	37.3	40.7	41.3	41.7	42.1	42.1	42.2	42.3	42.3	42.7	42.7	42.7	42.8	42.9	43.1	43.4
≥ 14000	38.6	42.1	42.7	43.1	43.5	43.5	43.6	43.7	43.7	44.1	44.1	44.1	44.2	44.3	44.5	44.8
≥ 12000	39.0	43.1	43.7	44.1	44.6	44.6	44.7	44.8	44.8	45.1	45.2	45.2	45.3	45.4	45.5	45.8
≥ 10000	40.5	44.2	44.8	45.2	45.6	45.6	45.7	45.8	45.8	46.2	46.2	46.2	46.3	46.4	46.6	46.9
≥ 9000	40.7	44.4	45.0	45.4	45.8	45.8	45.9	46.0	46.0	46.4	46.4	46.4	46.5	46.6	46.8	47.1
≥ 8000	41.5	45.3	45.9	46.3	46.7	46.7	46.8	46.9	46.9	47.2	47.3	47.3	47.4	47.5	47.6	47.9
≥ 7000	42.5	46.3	46.9	47.3	47.7	47.7	47.8	47.9	47.9	48.3	48.3	48.3	48.4	48.5	48.7	49.0
≥ 6000	43.1	47.1	47.7	48.2	48.7	48.7	48.8	48.9	48.9	49.2	49.2	49.2	49.4	49.5	49.6	49.9
≥ 5000	43.9	48.1	48.7	49.2	49.7	49.7	49.8	49.9	49.9	50.2	50.3	50.3	50.4	50.5	50.6	50.9
≥ 4500	44.8	48.9	49.6	50.0	50.6	50.6	50.7	50.8	50.8	51.1	51.2	51.2	51.3	51.4	51.5	51.9
≥ 4000	45.9	50.2	50.9	51.4	52.0	52.0	52.1	52.3	52.3	52.6	52.7	52.7	52.8	52.9	53.0	53.3
≥ 3500	46.7	51.4	52.1	52.6	53.2	53.2	53.3	53.5	53.5	53.8	53.9	53.9	54.0	54.1	54.2	54.6
≥ 3000	48.1	53.0	53.7	54.3	55.0	55.0	55.1	55.3	55.3	55.7	55.7	55.7	55.8	55.9	56.1	56.4
≥ 2500	50.0	55.1	55.8	56.5	57.2	57.2	57.5	57.6	57.7	58.0	58.1	58.1	58.2	58.3	58.4	58.7
≥ 2000	52.0	57.5	58.3	59.2	60.1	60.2	60.5	60.7	60.7	61.1	61.1	61.1	61.3	61.4	61.5	61.9
≥ 1800	52.7	58.4	59.4	60.2	61.0	61.1	61.4	61.7	61.7	62.0	62.1	62.1	62.2	62.3	62.5	62.8
≥ 1500	54.4	60.7	61.8	62.6	63.5	63.6	63.9	64.2	64.2	64.6	64.6	64.6	64.8	64.9	65.1	65.4
≥ 1200	56.8	63.9	65.2	66.1	67.2	67.4	67.8	68.0	68.0	68.4	68.5	68.5	68.6	68.7	68.9	69.2
≥ 1000	58.3	66.4	67.9	68.9	70.1	70.3	70.8	71.1	71.1	71.6	71.6	71.6	71.8	71.9	72.1	72.4
≥ 900	59.0	67.7	69.5	70.6	71.8	72.1	72.6	73.0	73.0	73.5	73.5	73.5	73.7	73.8	74.0	74.4
≥ 800	59.9	69.3	71.2	72.5	73.9	74.1	74.7	75.0	75.2	75.7	75.8	75.8	76.0	76.1	76.3	76.6
≥ 700	60.5	70.4	72.6	74.1	75.7	75.9	76.6	77.0	77.2	77.8	77.8	77.8	78.1	78.2	78.3	78.7
≥ 600	60.8	71.4	73.9	75.4	77.3	77.6	78.6	79.0	79.2	79.9	80.0	80.0	80.2	80.3	80.5	80.9
≥ 500	61.0	72.0	74.7	76.4	78.6	79.1	80.3	81.1	81.3	82.1	82.3	82.3	82.5	82.6	82.8	83.2
≥ 400	61.2	72.6	75.5	77.4	79.9	80.4	82.0	83.0	83.3	84.2	84.5	84.5	84.8	84.9	85.1	85.5
≥ 300	61.4	73.1	76.3	78.3	81.2	81.7	84.0	85.5	85.7	86.9	87.4	87.4	87.8	87.9	88.1	88.7
≥ 200	61.5	73.2	76.5	78.6	81.9	82.4	85.2	87.0	87.4	89.1	89.7	89.8	90.2	90.9	91.4	92.1
≥ 100	61.5	73.2	76.5	78.6	82.0	82.5	85.4	87.4	87.9	89.8	91.0	91.3	92.5	93.0	94.1	96.1
≥ 0	61.5	73.2	76.5	78.6	82.0	82.5	85.4	87.4	87.9	89.9	91.2	91.4	92.8	93.4	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3054

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 9-75 (YEARS) ~~ALL~~ (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0900-1100~~ (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.4	37.5	37.9	38.0	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.6	38.7
≥ 20000	41.4	44.1	44.5	44.6	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.3	45.4
≥ 18000	41.6	44.3	44.8	45.0	45.3	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.6	45.7
≥ 16000	41.8	44.5	45.1	45.2	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.9	45.9
≥ 14000	42.8	45.5	46.0	46.2	46.5	46.5	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.8	46.9
≥ 12000	43.6	46.4	46.9	47.1	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.7	47.
≥ 10000	44.7	47.5	48.0	48.2	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.9	48.9
≥ 9000	45.1	47.9	48.5	48.6	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3
≥ 8000	45.7	48.7	49.2	49.4	49.7	49.7	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	50.0	50.1
≥ 7000	46.7	49.7	50.2	50.4	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.1	51.1
≥ 6000	47.5	50.5	51.1	51.3	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.8	52.0	52.0
≥ 5000	48.5	51.7	52.3	52.5	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.4
≥ 4500	49.0	52.2	52.8	53.1	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9
≥ 4000	50.1	53.5	54.1	54.4	54.8	54.8	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.2
≥ 3500	51.1	54.6	55.2	55.5	56.0	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.4
≥ 3000	52.3	56.1	56.7	57.1	57.6	57.6	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9	58.0
≥ 2500	54.5	58.6	59.3	59.7	60.2	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.7	60.8
≥ 2000	56.6	61.3	62.2	62.6	63.4	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0
≥ 1800	57.8	62.8	63.8	64.3	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.6	65.7
≥ 1500	60.3	65.9	67.0	67.5	68.4	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥ 1200	62.8	69.5	70.9	71.5	72.3	72.5	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.1	73.1
≥ 1000	64.3	72.0	73.5	74.2	75.2	75.5	75.7	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.3	76.3
≥ 900	65.1	73.2	74.9	76.1	77.2	77.4	77.7	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.3	78.4
≥ 800	65.8	74.8	76.8	78.1	79.5	79.8	80.2	80.6	80.6	80.8	80.8	80.8	80.8	80.8	81.0	81.0
≥ 700	66.6	76.3	78.5	80.0	81.7	82.2	82.9	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.9	84.0
600	67.0	77.2	79.6	81.2	83.3	83.9	84.7	85.2	85.3	85.6	85.7	85.7	85.7	85.7	85.9	85.9
≥ 500	67.2	77.6	80.4	82.3	84.8	85.6	86.8	87.6	87.6	88.2	88.4	88.4	88.5	88.5	88.7	88.7
≥ 400	67.4	78.1	81.0	83.4	86.2	87.0	88.6	89.6	89.6	90.4	90.6	90.9	91.0	91.0	91.2	91.2
≥ 300	67.5	78.3	81.4	84.0	87.4	88.4	90.1	91.5	91.7	93.0	93.7	93.7	94.0	94.0	94.3	94.5
≥ 200	67.5	78.4	81.5	84.2	87.7	88.6	90.5	92.1	92.5	94.3	95.3	95.5	96.1	96.1	96.5	96.8
≥ 100	67.5	78.4	81.5	84.2	87.8	88.7	90.6	92.3	92.6	94.6	95.7	95.9	96.8	97.0	97.8	98.7
≥ 0	67.5	78.4	81.5	84.2	87.8	88.7	90.6	92.3	92.6	94.6	95.9	96.1	97.1	97.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3056

SPEEDIGRAF® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.4	44.5	44.7	44.8	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 20000	51.6	53.0	53.3	53.4	53.5	53.6	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	52.1	53.5	53.8	53.9	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	52.9	54.3	54.6	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	53.6	55.1	55.4	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 12000	54.2	55.8	56.1	56.2	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	54.9	56.5	56.8	56.9	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 9000	55.4	56.9	57.2	57.3	57.4	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	56.1	57.7	58.0	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 7000	56.9	58.6	58.9	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 6000	57.6	59.3	59.6	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	58.8	60.5	60.8	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	59.3	61.0	61.3	61.4	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4000	60.7	62.5	62.8	62.9	63.0	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3500	62.2	64.1	64.5	64.6	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0
≥ 3000	64.7	66.9	67.3	67.4	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 2500	67.6	70.4	70.7	70.9	71.1	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2000	70.7	74.1	74.6	74.9	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1800	72.1	75.7	76.2	76.5	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1600	74.4	78.7	79.3	79.7	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1200	77.0	82.2	83.0	83.5	84.0	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	78.4	84.4	85.5	86.1	86.7	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	79.0	85.6	86.7	87.4	88.1	88.3	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 800	79.4	86.5	87.8	88.8	89.4	89.6	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	79.7	87.1	88.6	89.7	90.6	90.8	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	80.2	88.1	89.7	91.0	92.0	92.2	92.7	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	80.2	88.5	90.2	91.7	93.0	93.3	94.0	94.6	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	80.3	88.8	90.6	92.4	93.8	94.1	94.8	95.5	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	80.3	88.9	90.8	92.6	94.2	94.6	95.6	96.5	96.8	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	80.3	89.0	90.8	92.6	94.3	94.7	95.7	96.6	97.0	98.4	98.8	98.8	99.1	99.1	99.1	99.1
≥ 100	80.3	89.0	90.9	92.7	94.3	94.7	95.7	96.7	97.1	98.6	99.1	99.2	99.5	99.5	99.6	99.6
≥ 0	80.3	89.0	90.9	92.7	94.3	94.7	95.7	96.7	97.1	98.6	99.1	99.2	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3050

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

SPEEDFLOW® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 59-75 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.9	47.8	47.9	47.9	47.9	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2
≥ 20000	57.7	58.8	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
18000	58.1	59.3	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
16000	59.1	60.3	60.5	60.5	60.6	60.6	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
14000	59.9	61.1	61.2	61.3	61.3	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7
12000	61.0	62.2	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
10000	61.9	63.2	63.3	63.4	63.4	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8
9000	62.4	63.6	63.8	63.9	63.9	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3
8000	63.9	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
7000	64.3	66.1	66.3	66.4	66.4	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8
6000	65.6	67.0	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
5000	66.7	68.2	68.5	68.6	68.7	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
4500	67.8	69.4	69.7	69.7	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1
4000	69.5	71.3	71.6	71.7	71.8	71.8	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1
3500	71.6	73.4	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
3000	74.0	76.1	76.5	76.5	76.6	76.6	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0
2500	76.7	79.1	79.5	79.5	79.7	79.7	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
2000	78.9	81.9	82.3	82.4	82.6	82.6	82.7	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0
1800	79.8	82.9	83.3	83.4	83.6	83.6	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
1500	81.2	84.6	85.2	85.4	85.6	85.6	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
1200	82.8	87.1	87.9	88.2	88.5	88.6	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1000	83.5	88.2	89.1	89.6	90.0	90.0	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
900	83.7	88.7	89.7	90.2	90.6	90.7	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
800	84.2	89.4	90.5	91.0	91.4	91.5	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
700	84.7	90.1	91.3	92.0	92.5	92.6	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
600	84.8	90.6	91.8	92.6	93.2	93.4	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
500	85.1	91.2	92.5	93.4	94.2	94.4	95.1	95.6	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2
400	85.1	91.2	92.6	93.7	94.6	94.8	95.6	96.3	96.4	96.9	97.0	97.0	97.1	97.1	97.1	97.1
300	85.1	91.3	92.7	93.9	95.0	95.2	96.2	97.1	97.3	98.2	98.4	98.4	98.6	98.6	98.6	98.6
200	85.1	91.3	92.7	93.9	95.1	95.3	96.4	97.2	97.4	98.5	98.9	99.0	99.2	99.3	99.3	99.3
100	85.1	91.3	92.7	93.9	95.1	95.3	96.4	97.3	97.5	98.6	99.1	99.3	99.7	99.8	99.8	99.8
0	85.1	91.3	92.7	93.9	95.1	95.3	96.4	97.3	97.5	98.6	99.1	99.3	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3045

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

SPEEDILOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 69-75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.9	51.9	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.	52.4	52.4	52.4	52.5
≥ 20000	60.2	61.5	61.8	62.0	62.0	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	60.6	62.0	62.3	62.5	62.5	62.6	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	61.3	62.7	63.0	63.1	63.1	63.2	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	63.0	64.4	64.7	64.9	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 12000	63.9	65.3	65.6	65.8	65.8	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	65.0	66.5	66.8	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	65.5	67.0	67.3	67.5	67.5	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	66.7	68.3	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
≥ 7000	67.6	69.2	69.5	69.7	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 6000	68.3	69.9	70.2	70.4	70.5	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	69.8	71.5	71.8	72.1	72.2	72.3	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	70.7	72.5	72.8	73.1	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 4000	72.0	73.8	74.2	74.4	74.6	74.7	74.7	74.9	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	73.6	75.5	76.0	76.3	76.6	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000	75.3	77.5	78.0	78.4	78.6	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 2500	77.5	79.9	80.4	80.8	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5
≥ 2000	79.1	82.1	82.7	83.2	83.6	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	79.7	82.8	83.4	83.9	84.4	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 1500	80.8	84.3	84.9	85.5	86.0	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	82.5	86.5	87.2	88.0	88.6	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 1000	83.2	87.6	88.5	89.5	90.1	90.2	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 900	83.5	88.3	89.3	90.4	91.1	91.2	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 800	83.8	88.9	90.0	91.1	91.9	92.0	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 700	84.0	89.2	90.3	91.6	92.5	92.7	92.9	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	84.1	89.3	90.6	91.9	92.9	93.1	93.4	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 500	84.1	89.5	90.9	92.2	93.3	93.5	94.0	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	84.2	89.7	91.3	92.7	94.0	94.2	94.9	95.3	95.4	95.9	95.9	96.0	96.1	96.1	96.1	96.1
≥ 300	84.2	89.8	91.4	92.9	94.2	94.5	95.3	96.2	96.3	97.0	97.2	97.2	97.2	97.3	97.3	97.3
≥ 200	84.2	89.8	91.4	92.9	94.5	94.8	95.8	96.7	97.0	97.8	98.1	98.2	98.5	98.5	98.5	98.5
≥ 100	84.2	89.8	91.4	92.9	94.5	94.9	95.8	96.8	97.1	98.1	98.5	98.6	99.0	99.1	99.2	99.3
0	84.2	89.8	91.4	92.9	94.5	94.9	95.8	96.8	97.1	98.1	98.6	98.7	99.1	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3042

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

SPERRY RAND MOORE BUSINESS FORMS INC

DATA PROCESSING OFFICE
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 29-75 (YEARS) FEB (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	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	51.7	53.3	53.3	53.5	53.6	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	54.0
≥ 20000	57.2	59.0	59.0	59.2	59.3	59.3	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 18000	57.5	59.3	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.0
≥ 16000	58.3	60.0	60.1	60.3	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.8
≥ 4000	58.9	60.7	60.7	61.0	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.5
≥ 12000	59.5	61.3	61.3	61.6	61.7	61.7	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.1	62.2
≥ 10000	60.3	62.1	62.2	62.4	62.5	62.5	62.6	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	63.0
≥ 9000	60.8	62.7	62.7	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.5
≥ 8000	61.3	63.2	63.2	63.5	63.7	63.7	63.8	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1
≥ 7000	61.9	63.7	63.8	64.0	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.7
≥ 6000	62.8	64.6	64.7	65.0	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6
≥ 5000	63.5	65.5	65.7	65.9	66.1	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.6
≥ 4500	64.4	66.5	66.6	66.9	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.5
≥ 4000	65.4	67.5	67.8	68.0	68.2	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7
≥ 3500	66.7	69.0	69.4	69.6	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.3
≥ 3000	68.0	70.3	70.7	71.0	71.1	71.1	71.2	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.6
≥ 2500	69.8	72.3	72.7	73.0	73.2	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.8
≥ 2000	72.2	75.0	75.4	75.7	76.0	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.6
≥ 1900	72.8	75.7	76.1	76.4	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.3
≥ 1500	74.9	78.3	78.7	79.0	79.4	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.0
≥ 1200	77.1	81.0	81.6	82.0	82.4	82.4	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 1000	78.5	83.0	83.7	84.2	84.8	84.8	85.1	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.6
≥ 900	79.4	84.3	85.0	85.6	86.2	86.3	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0
≥ 800	80.4	85.6	86.4	87.0	87.6	87.7	88.1	88.2	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.6
≥ 700	81.0	86.6	87.5	88.2	88.9	89.0	89.4	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.9	90.0
≥ 600	81.3	87.1	88.1	89.0	89.8	90.0	90.5	90.6	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.1
≥ 500	81.6	87.6	88.7	89.7	90.7	91.1	91.7	91.8	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.4
≥ 400	81.8	87.9	89.0	90.2	91.5	92.0	92.7	92.9	93.0	93.3	93.4	93.4	93.6	93.6	93.6	93.7
≥ 300	81.9	88.2	89.5	90.7	92.4	92.9	94.0	94.5	94.6	95.2	95.3	95.3	95.5	95.5	95.6	95.7
≥ 200	81.9	88.2	89.6	91.0	92.8	93.3	94.7	95.4	95.7	96.6	96.8	96.9	97.1	97.2	97.3	97.5
≥ 100	81.9	88.2	89.6	91.0	92.8	93.4	94.8	95.6	95.9	97.3	97.6	97.8	98.4	98.5	98.7	99.1
≥ 0	81.9	88.2	89.6	91.0	92.8	93.4	94.9	95.7	96.0	97.4	97.7	98.0	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3050

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

SPEEDFLOW MOORE BUSINESS FORMS, INC

DATA PROCESSED BY USAF
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 69-45,47 (YEARS) 72-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	41.8	44.6	44.8	45.0	45.2	45.3	45.5	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7
≥ 20000	46.6	49.6	49.9	50.0	50.3	50.4	50.7	50.7	50.7	50.8	50.8	50.8	50.9	50.9	50.9	51.0
≥ 18000	46.7	49.7	50.0	50.1	50.4	50.5	50.8	50.8	50.8	50.8	50.9	50.9	51.0	51.0	51.0	51.1
≥ 16000	47.1	50.1	50.3	50.5	50.8	50.9	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4
≥ 14000	48.0	51.0	51.2	51.4	51.7	51.8	52.0	52.1	52.1	52.1	52.2	52.2	52.3	52.3	52.3	52.4
≥ 12000	48.7	51.9	52.1	52.3	52.6	52.7	52.9	53.0	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.3
≥ 10000	49.0	52.2	52.4	52.6	52.9	53.0	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.6
≥ 9000	49.3	52.5	52.7	52.9	53.2	53.3	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.8	53.8	53.8
≥ 8000	49.9	53.2	53.4	53.6	53.9	54.0	54.3	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.6
≥ 7000	50.4	53.9	54.1	54.3	54.6	54.7	55.0	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.3
≥ 6000	51.0	54.5	54.8	55.0	55.3	55.4	55.7	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	56.0
≥ 5000	52.3	55.9	56.2	56.4	56.7	56.8	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.4
≥ 4500	53.0	56.7	56.9	57.2	57.5	57.6	57.8	57.9	57.9	57.9	58.0	58.0	58.1	58.1	58.1	58.2
≥ 4000	53.7	57.4	57.6	57.8	58.2	58.2	58.5	58.6	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.8
≥ 3500	54.9	58.7	59.0	59.2	59.5	59.6	59.9	59.9	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.2
≥ 3000	55.1	59.0	60.3	60.6	60.9	61.0	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6
≥ 2500	57.6	62.0	62.3	62.6	63.1	63.1	63.5	63.5	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.8
≥ 2000	59.6	64.3	64.7	65.0	65.5	65.6	65.9	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.3
≥ 1800	60.5	65.5	65.9	66.2	66.7	66.8	67.2	67.2	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.6
≥ 1500	63.0	68.6	69.2	69.5	70.0	70.1	70.5	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.9
≥ 1200	66.4	73.0	73.7	74.2	74.8	74.9	75.2	75.3	75.3	75.3	75.5	75.5	75.5	75.6	75.6	75.6
≥ 1000	69.6	77.3	78.2	78.7	79.4	79.4	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2
≥ 900	71.3	80.0	81.0	81.6	82.2	82.4	82.7	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2
≥ 800	73.3	82.6	83.7	84.4	85.1	85.2	85.6	85.6	85.6	85.7	85.9	85.9	86.0	86.0	86.0	86.1
≥ 700	74.6	84.8	86.0	86.8	87.5	87.7	88.2	88.2	88.2	88.3	88.5	88.5	88.6	88.6	88.6	88.7
≥ 600	75.6	86.7	88.2	89.2	90.1	90.3	90.8	90.9	90.9	91.0	91.2	91.2	91.4	91.4	91.4	91.5
≥ 500	76.1	87.7	89.5	90.7	91.9	92.1	92.7	92.9	92.9	93.0	93.2	93.2	93.3	93.4	93.4	93.4
≥ 400	76.4	88.4	90.3	91.7	93.3	93.5	94.3	94.6	94.6	94.8	95.0	95.0	95.1	95.2	95.2	95.2
≥ 300	76.5	88.5	90.6	92.0	93.9	94.2	95.1	95.5	95.6	96.1	96.3	96.3	96.5	96.5	96.5	96.6
≥ 200	76.5	88.7	90.7	92.3	94.4	94.8	96.0	96.6	96.7	97.3	97.8	97.8	98.0	98.1	98.2	98.2
≥ 100	76.5	88.7	90.7	92.3	94.4	94.8	96.1	96.7	96.8	97.7	98.2	98.2	98.6	98.8	99.1	99.4
≥ 0	76.5	88.7	90.7	92.3	94.4	94.8	96.1	96.7	96.8	97.7	98.3	98.3	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3245

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-71,73-75 (YEARS) MAR (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	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.8	37.6	38.2	38.4	38.7	38.8	39.1	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.5
≥ 20000	38.8	42.0	42.6	42.8	43.1	43.3	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.9	43.9	44.1
≥ 18000	39.0	42.2	42.8	43.0	43.4	43.5	43.8	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.3
≥ 16000	39.2	42.5	43.0	43.2	43.6	43.7	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.5
≥ 14000	40.0	43.2	43.8	44.0	44.3	44.5	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.1	45.1	45.3
≥ 12000	40.7	44.1	44.7	44.9	45.2	45.4	45.7	45.8	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.2
≥ 10000	41.5	45.0	45.5	45.7	46.1	46.2	46.6	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	47.0
≥ 9000	41.8	45.2	45.8	46.0	46.3	46.5	46.8	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.3
≥ 8000	42.4	45.9	46.5	46.7	47.0	47.1	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.8	47.8	48.0
≥ 7000	43.1	46.7	47.3	47.5	47.9	48.0	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.7	48.7	48.9
≥ 6000	43.9	47.6	48.2	48.4	48.8	48.9	49.3	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.9
≥ 5000	45.0	49.0	49.6	49.8	50.2	50.4	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.3
≥ 4500	45.9	50.1	50.7	50.9	51.3	51.5	51.9	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.5
≥ 4000	46.4	50.6	51.2	51.5	51.9	52.1	52.5	52.7	52.7	52.8	52.8	52.8	52.8	52.9	52.9	53.1
≥ 3500	47.5	51.9	52.5	52.7	53.1	53.3	53.8	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.4
≥ 3000	48.4	52.8	53.5	53.7	54.2	54.4	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.2	55.4
≥ 2500	49.8	54.5	55.1	55.4	55.8	56.1	56.5	56.6	56.6	56.7	56.7	56.7	56.8	56.9	56.9	57.1
≥ 2000	51.9	56.9	57.6	58.0	58.5	58.7	59.2	59.3	59.3	59.5	59.5	59.5	59.5	59.6	59.6	59.9
≥ 1800	53.0	58.3	59.1	59.4	60.0	60.2	60.7	60.8	60.8	61.0	61.0	61.0	61.0	61.1	61.1	61.3
≥ 1500	54.9	61.1	61.9	62.4	63.0	63.2	63.7	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.4
≥ 1200	59.7	67.3	68.3	68.8	69.5	69.8	70.2	70.3	70.3	70.5	70.5	70.5	70.6	70.7	70.7	70.9
≥ 1000	62.7	71.2	72.3	72.9	73.7	73.9	74.4	74.5	74.5	74.7	74.7	74.7	74.8	74.9	74.9	75.1
≥ 900	64.1	73.5	74.7	75.4	76.1	76.4	76.8	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.6
≥ 800	65.0	75.4	76.9	77.8	78.6	78.8	79.3	79.5	79.5	79.7	79.7	79.7	79.8	79.9	79.9	80.1
≥ 700	65.8	77.2	79.0	80.1	80.9	81.1	81.7	81.9	81.9	82.1	82.2	82.2	82.3	82.4	82.4	82.6
≥ 600	66.5	78.8	81.0	82.3	83.4	83.7	84.4	84.5	84.5	84.8	84.9	84.9	85.0	85.0	85.0	85.3
≥ 500	67.1	80.3	82.9	84.5	86.1	86.4	87.1	87.5	87.6	87.9	88.0	88.0	88.1	88.2	88.2	88.4
≥ 400	67.3	80.9	83.9	85.9	88.1	88.6	89.6	90.0	90.1	90.4	90.6	90.6	90.7	90.8	90.8	91.0
≥ 300	67.6	81.3	84.6	86.7	89.3	90.0	91.2	91.9	92.0	92.6	92.8	92.8	93.0	93.1	93.1	93.4
≥ 200	67.6	81.5	84.8	87.0	89.8	90.5	92.0	93.1	93.3	94.4	95.0	95.0	95.3	95.5	95.7	95.9
≥ 100	67.6	81.5	84.8	87.1	89.9	90.7	92.3	93.5	93.8	95.3	96.3	96.4	97.0	97.3	98.0	98.6
≥ 0	67.6	81.5	84.8	87.1	89.9	90.7	92.3	93.6	93.8	95.4	96.4	96.5	97.1	97.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3241

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

SPEEDIGRAF MOORE BUSINESS FORMS, INC.

DATA PROCESSING BR. CD
USAF ETAC
AIR WEATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

12911 (STATION) R-ANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 59-65,67-71,73-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HRS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0	
NO CEILING	29.9	31.7	32.3	32.7	33.1	33.1	33.1	33.4	33.4	33.6	33.6	33.6	33.8	33.8	34.0	34.4
≥ 20000	33.5	36.9	37.7	38.2	38.7	38.7	38.8	39.0	39.1	39.4	39.4	39.4	39.6	39.6	39.8	40.2
≥ 8000	33.8	37.3	38.1	38.5	39.0	39.1	39.2	39.4	39.5	39.7	39.8	39.8	40.0	40.0	40.2	40.5
≥ 6000	34.0	37.6	38.4	38.9	39.4	39.4	39.6	39.8	39.9	40.2	40.2	40.2	40.4	40.4	40.6	41.0
≥ 4000	34.7	38.3	39.2	39.7	40.2	40.2	40.4	40.6	40.7	41.0	41.0	41.0	41.2	41.2	41.4	41.8
≥ 3500	35.8	39.5	40.5	40.9	41.5	41.5	41.7	41.9	42.0	42.3	42.3	42.3	42.5	42.5	42.7	43.1
≥ 3000	36.6	40.4	41.5	41.9	42.5	42.5	42.7	43.0	43.0	43.3	43.4	43.4	43.5	43.5	43.7	44.1
≥ 2500	36.8	40.6	41.7	42.1	42.7	42.7	42.9	43.2	43.2	43.5	43.6	43.6	43.7	43.8	43.9	44.3
≥ 2000	37.5	41.4	42.4	42.9	43.5	43.5	43.7	44.0	44.0	44.3	44.4	44.4	44.5	44.6	44.7	45.1
≥ 1800	38.5	42.3	43.4	44.0	44.5	44.6	44.8	45.0	45.1	45.4	45.5	45.5	45.6	45.6	45.8	46.2
≥ 1500	39.2	43.2	44.4	44.9	45.5	45.6	45.7	46.0	46.0	46.4	46.5	46.5	46.6	46.6	46.8	47.2
≥ 1200	40.5	44.8	46.0	46.7	47.3	47.3	47.5	47.8	47.9	48.2	48.3	48.3	48.5	48.5	48.7	49.2
≥ 1000	41.5	45.9	47.1	47.8	48.4	48.5	48.7	49.0	49.0	49.4	49.5	49.5	49.7	49.7	49.8	50.2
≥ 900	42.1	46.7	48.0	48.6	49.2	49.3	49.6	49.8	49.9	50.2	50.3	50.3	50.5	50.6	50.7	51.1
≥ 800	42.8	47.5	48.9	49.6	50.2	50.3	50.5	50.8	50.9	51.2	51.3	51.3	51.5	51.5	51.7	52.0
≥ 700	44.0	48.9	50.3	51.1	51.9	52.0	52.3	52.6	52.7	53.0	53.1	53.1	53.3	53.3	53.5	53.9
≥ 600	45.5	50.7	52.2	53.1	54.0	54.2	54.5	54.8	54.8	55.1	55.2	55.2	55.4	55.5	55.6	56.0
≥ 500	47.4	53.3	55.1	56.1	57.1	57.3	57.7	58.0	58.0	58.3	58.5	58.5	58.6	58.7	58.8	59.2
≥ 400	48.5	54.8	56.7	57.8	58.8	59.0	59.4	59.7	59.8	60.1	60.2	60.2	60.4	60.4	60.6	61.0
≥ 300	50.5	57.8	59.9	61.2	62.2	62.4	62.8	63.1	63.2	63.5	63.7	63.7	63.9	63.9	64.1	64.4
≥ 200	53.8	62.4	64.8	66.2	67.4	67.7	68.1	68.5	68.5	68.9	69.0	69.0	69.2	69.3	69.4	69.8
≥ 100	55.9	65.8	68.7	70.2	71.5	71.8	72.3	72.8	72.8	73.2	73.4	73.4	73.6	73.6	73.8	74.1
≥ 0	57.0	67.5	70.7	72.3	73.7	74.0	74.6	75.1	75.2	75.6	75.8	75.8	76.0	76.0	76.1	76.5
	57.8	69.4	73.1	74.9	76.6	76.9	77.4	78.0	78.1	78.6	78.7	78.7	78.9	79.0	79.1	79.5
	58.5	71.0	75.0	76.9	79.1	79.6	80.2	80.9	81.0	81.5	81.7	81.7	81.9	81.9	82.1	82.5
	58.9	72.2	76.5	78.6	81.1	81.7	82.4	83.2	83.4	84.0	84.2	84.2	84.4	84.4	84.6	85.0
	59.2	73.1	77.6	80.1	82.[illegible]	83.6	84.5	85.5	85.7	86.5	86.7	86.7	86.9	87.0	87.2	87.6
	59.3	73.4	78.0	80.6	83.7	84.5	85.6	86.9	87.3	88.2	88.	88.5	88.6	88.8	89.0	89.5
	59.4	73.6	78.3	81.0	84.7	85.5	87.3	88.9	89.3	90.6	91.	91.2	91.6	91.7	92.0	92.5
	59.4	73.7	78.4	81.2	85.0	85.9	87.2	89.9	90.5	92.3	93.	93.5	94.3	94.6	95.1	95.8
	59.4	73.7	78.5	81.3	85.1	86.0	88.4	90.1	90.7	92.8	94.	94.1	95.4	96.0	97.1	98.7
	59.4	73.7	78.5	81.3	85.1	86.0	88.4	90.1	90.7	92.8	94.[illegible]	[illegible]-2	95.4	96.1	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3240

SPEEDFLOW® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 30-45,47-71,73-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.6	37.0	37.3	37.5	37.5	37.5	37.6	37.7	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	41.4	44.4	44.8	45.0	45.0	45.1	45.1	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 18000	41.5	44.5	44.9	45.1	45.1	45.2	45.2	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 16000	42.0	45.1	45.5	45.7	45.7	45.7	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	42.8	45.9	46.4	46.6	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 12000	43.7	46.9	47.4	47.6	47.6	47.7	47.7	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000	44.5	47.8	48.3	48.6	48.6	48.7	48.7	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 9000	45.1	48.4	48.9	49.2	49.2	49.3	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 8000	45.6	49.1	49.6	49.9	49.9	50.0	50.0	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 7000	46.7	50.2	50.7	51.0	51.0	51.1	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 6000	47.5	51.1	51.6	51.9	51.9	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	48.7	52.4	53.0	53.4	53.5	53.6	53.6	53.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4500	49.2	53.0	53.6	54.0	54.1	54.2	54.2	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6
≥ 4000	50.2	54.2	54.9	55.3	55.4	55.5	55.6	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3500	51.1	55.2	56.0	56.4	56.5	56.6	56.6	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 3000	52.4	57.1	57.9	58.4	58.5	58.6	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 2500	54.1	59.4	60.4	61.0	61.2	61.3	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 2000	57.3	64.0	65.1	65.8	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6
≥ 1800	59.1	65.9	67.1	67.8	68.0	68.1	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 1500	62.0	70.0	71.5	72.1	72.4	72.5	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 1200	66.0	75.7	77.4	78.3	78.8	79.0	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1000	67.7	78.8	80.8	82.0	82.7	82.8	83.0	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 900	68.2	80.1	82.4	83.7	84.5	84.7	84.9	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800	68.8	81.2	84.0	85.6	86.5	86.8	87.1	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 700	69.1	82.1	85.2	87.2	88.4	88.7	89.1	89.3	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 500	69.3	82.8	86.2	88.5	90.1	90.5	91.0	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	69.4	83.1	86.8	89.3	91.2	91.7	92.6	93.0	93.2	93.6	93.7	93.7	93.7	93.8	93.8	93.8
≥ 400	69.4	83.2	86.9	89.7	91.9	92.6	93.5	94.3	94.5	95.2	95.3	95.4	95.4	95.5	95.5	95.5
≥ 300	69.4	83.2	87.1	89.9	92.5	93.3	94.6	95.6	96.1	97.2	97.5	97.6	97.7	97.8	97.8	97.9
≥ 200	69.4	83.2	87.1	89.9	92.5	93.4	94.7	95.9	96.5	97.7	98.2	98.4	98.6	98.8	98.9	98.9
≥ 100	69.4	83.2	87.1	89.9	92.5	93.4	94.7	95.9	96.5	97.8	98.4	98.5	98.8	99.1	99.4	99.8
≥ 0	69.4	83.2	87.1	89.9	92.5	93.4	94.7	95.9	96.5	97.8	98.4	98.5	98.8	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3247

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 69-45,47-71,73-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.1	45.6	45.7	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 20000	54.1	56.1	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6
≥ 18000	54.3	56.3	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
≥ 16000	54.7	56.7	57.0	57.1	57.1	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	55.3	57.3	57.5	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9
≥ 12000	56.1	58.2	58.4	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 10000	56.7	58.8	59.2	59.2	59.3	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 9000	57.2	59.4	59.7	59.8	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
≥ 8000	58.0	60.1	60.5	60.5	60.6	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 7000	58.7	60.9	61.2	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
≥ 6000	59.8	62.0	62.4	62.5	62.5	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 5000	61.1	63.4	63.8	63.9	64.0	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4500	61.8	64.2	64.7	64.7	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
≥ 4000	63.6	66.2	66.7	66.8	66.9	66.9	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3500	65.6	68.2	68.8	68.8	68.9	68.9	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3000	68.9	72.1	72.6	72.7	72.9	72.9	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 2500	72.8	76.8	77.6	77.8	78.0	79.0	78.1	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5
≥ 2000	77.0	81.3	82.6	82.8	83.1	83.1	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	78.6	83.8	84.6	84.9	85.2	85.2	85.4	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
≥ 1500	80.9	86.7	87.7	88.0	88.4	88.4	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	82.6	89.2	90.4	90.8	91.3	91.3	91.5	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 1000	85.3	90.8	92.2	92.7	93.3	93.4	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	83.5	91.3	92.9	93.5	94.2	94.3	94.6	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 800	83.7	91.9	93.7	94.[illegible]	95.2	95.3	95.6	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	83.7	92.1	94.0	94.8	95.7	95.8	96.1	96.5	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 600	83.7	92.3	94.2	95.1	96.0	96.3	96.7	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	83.8	92.5	94.4	95.3	96.4	96.6	97.2	97.7	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 400	83.8	92.5	94.4	95.4	96.5	96.9	97.5	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	83.8	92.5	94.4	95.4	96.6	97.0	97.7	98.6	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 200	83.8	92.5	94.4	95.4	96.7	97.0	97.8	98.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 100	83.8	92.5	94.4	95.4	96.7	97.0	97.8	98.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	100.0
≥ 0	83.8	92.5	94.4	95.4	96.7	97.0	97.8	98.7	99.0	99.4	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3239

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-71,73-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.6	48.7	48.8	49.0	49.3	49.3	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	61.5	63.0	63.2	63.4	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
≥ 18000	61.9	63.4	63.6	63.8	64.1	64.	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	62.5	64.1	64.3	64.5	64.8	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	63.8	65.3	65.5	65.7	66.0	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000	65.0	66.5	66.7	66.9	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 10000	65.7	67.3	67.5	67.8	68.1	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	66.1	67.7	68.0	68.2	68.5	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	67.2	68.7	68.9	69.2	69.5	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 7000	68.0	69.7	69.9	70.2	70.5	70.5	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	69.0	70.7	70.9	71.2	71.5	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 5000	71.1	73.0	73.2	73.5	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	72.2	74.2	74.4	74.7	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
≥ 4000	75.0	77.2	77.4	77.8	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	76.0	80.5	80.8	81.1	81.5	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	80.7	83.5	83.8	84.2	84.6	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	83.7	87.0	87.3	87.8	88.1	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 2000	85.5	89.2	89.7	90.2	90.6	90.7	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	85.9	89.7	90.2	90.8	91.2	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1500	87.0	91.4	92.1	92.8	93.2	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	87.8	92.9	93.7	94.6	95.2	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	88.1	93.6	94.5	95.4	96.0	96.1	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	88.1	93.8	94.7	95.7	96.4	96.5	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	88.3	94.1	95.1	96.1	96.8	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 700	88.4	94.2	95.2	96.3	97.1	97.2	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 600	88.5	94.5	95.6	96.7	97.5	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	88.5	94.6	95.6	96.9	97.8	97.9	98.3	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 400	88.5	94.6	95.7	96.9	97.8	98.0	98.4	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 300	88.5	94.6	95.7	97.0	97.9	98.0	98.6	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	88.5	94.6	95.7	97.0	97.9	98.0	98.6	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	88.5	94.6	95.7	97.0	97.9	98.0	98.6	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	88.5	94.6	95.7	97.0	97.9	98.0	98.6	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3246

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

SPEEDLOG MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-75 (YEARS) MAR (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.9	54.3	54.6	54.8	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	65.5	67.3	67.6	67.9	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	66.8	67.6	67.9	68.2	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	66.4	68.2	68.5	68.8	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000	67.6	69.4	69.7	70.0	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 12000	69.1	70.9	71.2	71.5	71.9	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	70.1	71.9	72.2	72.5	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	70.4	72.2	72.6	72.8	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	71.4	73.3	73.6	73.8	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	72.5	74.3	74.7	75.0	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	73.5	75.4	75.8	76.0	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	75.6	77.6	78.0	78.3	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	76.7	78.9	79.2	79.5	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	78.1	80.5	80.8	81.1	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	79.5	82.3	82.6	82.9	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	81.6	84.6	85.0	85.4	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	83.3	86.7	87.2	87.6	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	85.3	89.1	89.6	90.0	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	86.0	89.8	90.3	90.8	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	86.9	91.3	91.9	92.5	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	87.9	92.7	93.4	94.0	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	88.3	93.6	94.4	95.0	95.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 900	88.4	93.7	94.6	95.3	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 800	88.4	94.0	94.9	95.7	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 700	88.7	94.2	95.3	96.1	97.1	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 600	88.8	94.4	95.5	96.3	97.4	97.4	97.9	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	88.8	94.5	95.5	96.5	97.6	97.7	98.2	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 400	88.8	94.5	95.6	96.5	97.7	97.8	98.5	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	88.8	94.5	95.6	96.5	97.8	98.0	98.7	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5
≥ 200	88.8	94.5	95.6	96.5	97.8	98.0	98.7	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6
≥ 100	88.8	94.5	95.6	96.5	97.8	98.0	98.7	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 0	88.8	94.5	95.6	96.5	97.8	98.0	98.7	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3246

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 29-45,47-75 (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	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	53.4	55.3	55.5	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
≥ 20000	60.3	62.3	62.6	63.0	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	60.6	62.6	62.9	63.3	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	60.8	62.8	63.1	63.5	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1
≥ 14000	62.0	64.0	64.3	64.7	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	63.1	65.2	65.5	65.9	66.2	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	63.5	65.7	66.0	66.4	66.6	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 9000	63.7	65.9	66.2	66.6	66.9	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	64.4	66.6	67.0	67.4	67.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	65.0	67.3	67.6	68.0	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	65.7	68.0	68.3	68.7	69.0	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	67.2	69.7	70.0	70.4	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	68.1	70.6	70.9	71.3	71.6	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	68.7	71.4	71.7	72.1	72.4	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
≥ 3500	69.8	72.5	72.8	73.2	73.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	71.3	74.3	74.6	75.0	75.2	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2500	72.5	75.8	76.2	76.6	76.9	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	74.5	78.2	78.6	79.0	79.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 1800	75.3	79.1	79.5	80.1	80.3	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
≥ 1500	77.4	81.6	82.2	82.7	83.0	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1200	80.8	85.7	86.4	87.0	87.2	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	83.0	88.6	89.4	90.0	90.3	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 900	83.8	89.8	90.6	91.3	91.6	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 800	85.1	91.6	92.5	93.2	93.7	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	85.5	92.2	93.2	94.0	94.6	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	86.0	93.0	94.0	94.9	95.6	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	86.2	93.4	94.5	95.6	96.4	96.6	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 400	86.3	93.6	94.7	95.9	96.9	97.1	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.2	98.2
≥ 300	86.3	93.6	94.8	96.1	97.2	97.4	98.1	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 200	86.3	93.6	94.8	96.1	97.3	97.5	98.2	98.7	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 100	86.3	93.6	94.8	96.1	97.3	97.5	98.2	98.8	98.9	99.1	99.3	99.4	99.6	99.6	99.7	99.8
≥ 0	86.3	93.6	94.8	96.1	97.3	97.5	98.2	98.8	98.9	99.1	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3250

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 58-65,67-75 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	34.5	36.4	36.7	36.9	37.0	37.1	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 20000	39.0	41.3	41.6	41.8	41.9	42.0	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 8000	39.1	41.4	41.7	41.9	42.0	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5
≥ 6000	39.3	41.7	42.0	42.2	42.3	42.4	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.8
≥ 5000	39.7	42.1	42.4	42.7	42.7	42.8	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.3
≥ 4000	40.3	42.8	43.1	43.4	43.4	43.5	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.1
≥ 3500	40.9	43.5	43.8	44.1	44.2	44.3	44.6	44.6	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8
≥ 3000	41.3	44.1	44.4	44.7	44.8	44.9	45.2	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.4
≥ 2500	41.7	44.6	44.9	45.2	45.4	45.4	45.7	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	46.0
≥ 2000	42.2	45.1	45.4	45.7	45.8	45.9	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 1800	43.1	46.0	46.3	46.6	46.8	46.9	47.2	47.2	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4
≥ 1500	43.5	46.7	47.1	47.4	47.6	47.7	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.2
≥ 1200	44.0	47.3	47.6	47.9	48.1	48.2	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 1000	44.7	48.1	48.5	48.8	49.0	49.1	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 900	45.4	49.0	49.3	49.7	49.9	50.0	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6
≥ 800	46.6	50.3	50.8	51.1	51.4	51.5	51.9	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1
≥ 700	48.0	51.9	52.4	52.8	53.0	53.2	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.9
≥ 600	50.6	55.0	55.6	56.1	56.4	56.5	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.3
≥ 500	52.3	57.0	57.6	58.1	58.5	58.6	59.1	59.2	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4
≥ 400	56.3	61.9	62.8	63.3	63.7	63.8	64.3	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6
≥ 300	63.3	71.0	72.2	72.9	73.4	73.5	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3
≥ 200	67.9	77.2	78.6	79.5	80.1	80.3	80.7	80.8	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1
≥ 100	69.6	79.8	81.5	82.4	83.2	83.4	83.9	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 50	71.2	82.9	84.9	85.9	86.7	87.0	87.5	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 0	72.0	84.5	86.7	87.8	88.7	88.9	89.5	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	90.0
	72.8	86.2	88.5	89.7	90.8	91.0	91.8	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.3
	73.1	87.2	89.6	91.2	92.5	92.7	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.3
	73.3	87.6	90.5	92.1	93.7	94.0	95.0	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.7
	73.4	88.1	91.1	93.0	94.7	95.1	96.4	96.8	96.8	97.2	97.3	97.3	97.4	97.5	97.5	97.5
	73.4	88.1	91.2	93.1	95.0	95.5	97.0	97.6	97.7	98.3	98.5	98.5	98.7	98.7	98.8	98.8
	73.4	88.1	91.2	93.1	95.0	95.5	97.0	97.6	97.8	98.5	98.8	98.8	99.2	99.3	99.4	99.5
	73.4	88.1	91.2	93.1	95.0	95.5	97.0	97.6	97.8	98.5	98.8	98.9	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3303

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.2	30.7	31.1	31.5	31.7	31.7	31.9	32.0	32.1	32.3	32.3	32.4	32.5	32.5	32.5	32.6
≥ 20000	31.1	33.7	34.3	34.7	34.9	34.9	35.1	35.2	35.2	35.5	35.5	35.6	35.6	35.6	35.7	35.8
≥ 18000	31.2	33.9	34.5	34.8	35.0	35.0	35.3	35.4	35.4	35.6	35.7	35.7	35.8	35.8	35.8	36.0
≥ 16000	31.3	33.9	34.5	34.9	35.1	35.1	35.3	35.4	35.5	35.7	35.7	35.8	35.8	35.8	35.9	36.0
≥ 14000	31.5	34.2	34.8	35.1	35.3	35.3	35.6	35.7	35.7	35.9	36.0	36.0	36.1	36.1	36.2	36.3
≥ 12000	32.0	34.8	35.4	35.8	36.0	36.0	36.3	36.4	36.4	36.6	36.7	36.7	36.8	36.8	36.8	37.0
≥ 10000	32.4	35.3	35.9	36.3	36.6	36.6	36.8	36.9	36.9	37.2	37.2	37.3	37.3	37.3	37.4	37.5
≥ 9000	32.7	35.8	36.4	36.7	37.0	37.0	37.3	37.4	37.5	37.7	37.7	37.8	37.8	37.8	37.9	38.0
≥ 8000	33.3	36.5	37.1	37.4	37.7	37.7	38.0	38.1	38.2	38.4	38.4	38.5	38.5	38.5	38.6	38.7
≥ 7000	33.6	37.0	37.6	37.9	38.2	38.2	38.5	38.6	38.7	38.9	38.9	39.0	39.1	39.1	39.1	39.2
≥ 6000	34.5	37.7	38.4	38.8	39.1	39.1	39.3	39.5	39.5	39.7	39.8	39.8	39.9	39.9	39.9	40.1
≥ 5000	35.2	38.6	39.2	39.6	39.9	39.9	40.2	40.3	40.4	40.6	40.6	40.7	40.8	40.8	40.8	40.9
≥ 4500	36.1	39.6	40.2	40.7	41.0	41.0	41.3	41.4	41.5	41.7	41.8	41.8	41.9	41.9	41.9	42.1
≥ 4000	37.0	40.7	41.5	41.9	42.2	42.2	42.5	42.7	42.7	43.0	43.0	43.1	43.1	43.1	43.2	43.3
≥ 3500	37.6	41.4	42.2	42.5	42.9	42.9	43.2	43.4	43.4	43.7	43.7	43.8	43.8	43.8	43.9	44.0
≥ 3000	38.9	42.9	43.7	44.1	44.5	44.5	44.8	45.0	45.0	45.3	45.3	45.4	45.5	45.5	45.5	45.6
≥ 2500	41.3	45.6	46.5	46.9	47.3	47.3	47.7	47.9	47.9	48.2	48.2	48.3	48.3	48.3	48.4	48.5
≥ 2000	44.2	49.5	50.7	51.3	51.7	51.7	52.1	52.3	52.3	52.6	52.6	52.7	52.8	52.8	52.8	52.9
≥ 1800	45.9	51.8	53.0	53.7	54.1	54.1	54.5	54.7	54.7	55.0	55.0	55.1	55.2	55.2	55.2	55.3
≥ 1500	48.7	55.5	56.9	57.7	58.2	58.2	58.6	58.8	58.8	59.1	59.1	59.2	59.2	59.2	59.3	59.4
≥ 1200	54.5	63.2	64.8	65.8	66.5	66.5	67.0	67.2	67.2	67.5	67.6	67.7	67.7	67.7	67.8	67.9
≥ 1000	57.9	68.2	70.5	71.6	72.3	72.4	72.9	73.2	73.2	73.5	73.6	73.6	73.7	73.7	73.8	73.9
≥ 900	59.5	70.8	73.4	74.7	75.5	75.6	76.2	76.4	76.5	76.8	76.9	76.9	77.0	77.0	77.1	77.2
≥ 800	61.3	73.8	76.9	78.2	79.2	79.3	80.0	80.2	80.2	80.6	80.7	80.7	80.8	80.8	80.8	81.0
≥ 700	62.5	76.1	79.4	80.9	82.0	82.1	82.8	83.0	83.1	83.4	83.5	83.6	83.6	83.6	83.7	83.8
≥ 600	63.3	78.1	81.8	83.7	84.9	85.1	86.0	86.2	86.3	86.6	86.7	86.8	86.8	86.8	86.9	87.0
≥ 500	63.8	79.2	83.1	85.4	87.1	87.4	88.4	88.8	88.8	89.3	89.4	89.5	89.6	89.6	89.7	89.8
≥ 400	64.2	80.1	84.2	87.0	89.0	89.4	90.7	91.2	91.2	91.8	91.9	92.0	92.2	92.2	92.3	92.4
≥ 300	64.5	80.5	85.0	88.1	90.3	90.8	92.8	93.5	93.6	94.6	94.9	95.0	95.3	95.3	95.4	95.5
≥ 200	64.6	80.7	85.2	88.4	90.8	91.5	93.7	94.7	94.8	96.3	96.8	96.9	97.4	97.5	97.7	97.8
≥ 100	64.6	80.8	85.2	88.5	91.0	91.6	94.0	95.0	95.2	96.9	97.4	97.5	98.2	98.5	98.8	99.2
≥ 0	64.6	80.8	85.3	88.5	91.0	91.6	94.0	95.1	95.2	96.9	97.5	97.6	98.5	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3300

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

SPEEDISO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.3	25.3	25.8	26.1	26.3	26.3	26.5	26.6	26.6	26.6	26.7	26.7	26.8	26.8	26.9	27.1
≥ 20000	27.5	30.1	30.6	31.1	31.4	31.4	31.7	31.7	31.7	31.9	31.9	31.9	32.1	32.1	32.2	32.4
≥ 18000	27.7	30.3	30.8	31.3	31.6	31.7	31.9	32.0	32.0	32.2	32.2	32.2	32.4	32.4	32.4	32.6
≥ 16000	27.8	30.4	30.9	31.4	31.7	31.8	32.1	32.1	32.1	32.3	32.3	32.3	32.5	32.5	32.5	32.8
≥ 14000	28.4	31.1	31.7	32.2	32.5	32.5	32.8	32.9	32.9	33.0	33.1	33.1	33.3	33.3	33.3	33.5
≥ 12000	29.1	31.8	32.4	32.9	33.2	33.3	33.6	33.7	33.7	33.8	33.9	33.9	34.1	34.1	34.2	34.4
≥ 10000	29.7	32.4	33.0	33.5	33.8	33.8	34.2	34.3	34.3	34.4	34.5	34.5	34.7	34.7	34.7	34.9
≥ 9000	30.0	32.7	33.3	33.8	34.1	34.2	34.5	34.6	34.6	34.8	34.8	34.8	35.0	35.0	35.1	35.3
≥ 8000	30.5	33.3	33.8	34.3	34.7	34.7	35.1	35.2	35.2	35.4	35.4	35.4	35.6	35.6	35.7	35.9
≥ 7000	31.0	33.9	34.5	35.0	35.3	35.4	35.8	35.9	35.9	36.1	36.1	36.1	36.3	36.3	36.4	36.6
≥ 6000	31.5	34.5	35.1	35.6	35.9	36.0	36.4	36.5	36.5	36.7	36.7	36.7	36.9	36.9	37.0	37.2
≥ 5000	32.7	35.8	36.4	36.9	37.2	37.3	37.7	37.8	37.8	38.0	38.1	38.1	38.2	38.2	38.3	38.5
≥ 4500	33.3	36.5	37.1	37.6	38.0	38.1	38.4	38.5	38.5	38.7	38.8	38.8	39.0	39.0	39.1	39.3
≥ 4000	33.9	37.5	38.1	38.6	39.0	39.1	39.5	39.6	39.6	39.8	39.9	39.9	40.1	40.1	40.1	40.4
≥ 3500	34.8	38.6	39.2	39.8	40.2	40.3	40.7	40.8	40.8	41.1	41.1	41.1	41.3	41.3	41.4	41.6
≥ 3000	36.2	40.5	41.2	41.9	42.4	42.5	43.0	43.1	43.1	43.3	43.4	43.4	43.6	43.6	43.7	43.9
≥ 2500	38.2	43.2	44.0	44.8	45.5	45.6	46.1	46.2	46.2	46.4	46.5	46.5	46.7	46.7	46.7	47.0
≥ 2000	40.6	46.5	47.5	48.5	49.3	49.4	49.9	50.0	50.0	50.3	50.4	50.4	50.6	50.6	50.6	50.9
≥ 1800	41.6	47.8	48.9	49.9	50.7	50.9	51.4	51.6	51.6	51.8	52.0	52.0	52.1	52.1	52.2	52.4
≥ 1500	44.8	52.1	53.5	54.6	55.6	55.9	56.5	56.6	56.7	56.9	57.0	57.0	57.2	57.2	57.3	57.6
≥ 1200	49.5	59.0	61.0	62.5	63.6	64.0	64.7	64.9	64.9	65.2	65.3	65.3	65.5	65.5	65.6	65.8
≥ 1000	52.0	63.3	65.6	67.6	69.1	69.5	70.5	70.7	70.8	71.2	71.3	71.3	71.5	71.5	71.6	71.8
≥ 900	53.4	65.3	68.0	70.2	71.9	72.4	73.3	73.5	73.6	74.0	74.2	74.2	74.4	74.4	74.4	74.7
≥ 800	54.7	67.9	71.3	73.9	76.0	76.5	77.7	77.9	78.0	78.5	78.7	78.7	78.8	78.8	78.9	79.2
≥ 700	55.2	69.1	72.8	76.1	78.3	79.1	80.4	80.6	80.7	81.3	81.4	81.4	81.6	81.6	81.7	82.0
≥ 600	55.9	70.7	74.8	78.4	80.9	81.9	83.5	83.9	84.0	84.7	84.9	84.9	85.2	85.2	85.3	85.5
≥ 500	56.4	72.1	76.7	80.8	83.7	84.8	86.6	87.2	87.4	88.3	88.6	88.6	88.9	88.9	88.9	89.2
≥ 400	56.6	72.4	77.3	81.6	85.0	86.3	88.6	89.4	89.8	91.0	91.4	91.5	91.9	91.9	91.9	92.2
≥ 300	56.7	72.9	77.8	82.4	86.0	87.5	90.4	91.5	91.9	93.6	94.3	94.4	94.9	95.0	95.2	95.4
≥ 200	56.7	72.9	77.9	82.5	86.3	87.8	90.8	92.0	92.6	94.9	96.0	96.1	96.9	97.0	97.3	97.7
≥ 100	56.7	72.9	77.9	82.5	86.3	87.8	90.9	92.2	92.7	95.2	96.3	96.5	97.6	97.9	98.5	99.3
≥ 0	56.7	72.9	78.0	82.5	86.3	87.8	90.9	92.2	92.8	95.2	96.4	96.5	97.7	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3303

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

STEP LOCK® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) PANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.8	32.8	33.0	33.3	33.4	33.4	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	36.9	39.4	39.7	40.0	40.1	40.1	40.2	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 18000	37.0	39.6	39.9	40.2	40.4	40.4	40.4	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 16000	37.5	40.1	40.4	40.7	40.9	40.9	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 14000	38.2	40.9	41.1	41.5	41.6	41.6	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 12000	39.1	41.8	42.2	42.5	42.7	42.7	42.8	42.8	42.8	42.9	42.9	[illegible]9	42.9	42.9	42.9	42.9
≥ 10000	39.7	42.5	42.9	43.2	43.3	43.3	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 9000	40.2	43.0	43.3	43.7	43.9	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 8000	40.7	43.5	43.9	44.3	44.4	44.4	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 7000	41.1	44.0	44.4	44.8	45.0	45.0	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 6000	41.5	44.6	45.0	45.3	45.5	45.5	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 5000	42.6	45.7	46.3	46.6	46.8	46.8	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 4500	43.3	46.5	47.0	47.5	47.7	47.7	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 4000	44.7	48.1	48.6	49.0	49.3	49.3	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 3500	46.0	49.5	50.1	50.5	50.8	50.8	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 3000	48.3	52.0	52.5	53.1	53.3	53.3	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 2500	52.0	56.3	57.0	57.6	57.9	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 2000	57.1	62.6	63.4	64.1	64.5	64.5	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 1800	59.9	65.7	66.7	67.5	68.0	68.0	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 1500	63.8	71.0	72.2	73.2	73.9	74.0	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1200	66.3	78.0	79.5	80.8	81.7	81.7	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1000	70.2	81.4	83.5	84.9	85.8	85.9	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 900	70.8	83.0	85.3	86.8	87.8	87.9	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 800	71.3	84.2	86.7	88.4	89.6	89.7	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	71.5	85.0	87.7	89.6	91.0	91.3	92.0	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	71.7	85.6	88.5	90.6	92.4	92.8	93.6	94.1	94.1	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 500	71.8	86.1	89.1	91.4	93.6	94.1	95.0	95.6	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3
≥ 400	71.9	86.3	89.4	91.8	94.3	94.8	96.0	96.8	96.9	97.5	97.6	97.6	97.7	97.7	97.7	97.7
≥ 300	71.9	86.3	89.4	91.9	94.4	95.0	96.6	97.6	97.8	98.6	98.9	98.9	99.2	99.2	99.3	99.3
≥ 200	71.9	86.3	89.4	91.9	94.4	95.1	96.6	97.6	97.9	98.8	99.2	99.3	99.6	99.7	99.8	99.9
≥ 100	71.9	86.3	89.4	91.9	94.4	95.1	96.6	97.6	97.9	98.8	99.3	99.3	99.6	99.8	100.0	100.0
≥ 0	71.9	86.3	89.4	91.9	94.4	95.1	96.6	97.6	97.9	98.8	99.3	99.3	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3308

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

SPEEDIFOLD® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.5	42.0	42.3	42.5	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	49.5	51.5	51.8	52.0	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000	49.8	51.8	52.1	52.3	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	50.2	52.3	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	50.9	53.0	53.4	53.6	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	52.0	54.3	54.6	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 10000	52.8	55.1	55.4	55.7	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 9000	53.3	55.6	55.9	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 8000	53.9	56.3	56.6	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 7000	54.3	56.9	57.2	57.5	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 6000	54.7	57.3	57.7	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000	56.4	59.2	59.5	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 4500	57.8	60.6	60.9	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 4000	60.6	63.4	63.8	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 3500	63.7	66.8	67.2	67.7	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3000	68.7	72.3	72.7	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 2500	73.6	78.5	79.1	79.7	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	77.8	84.0	84.7	85.4	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	79.0	85.8	86.6	87.3	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	80.8	88.4	89.3	90.0	90.3	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1200	82.1	90.7	91.7	92.7	93.1	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	82.8	91.9	93.1	94.2	94.6	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	83.1	92.1	93.5	94.7	95.3	95.3	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	83.2	92.5	93.9	95.2	95.9	95.9	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	83.3	92.7	94.2	95.6	96.3	96.4	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	83.4	92.9	94.5	96.0	96.9	96.9	97.2	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7
≥ 500	83.4	93.1	94.8	96.6	97.5	97.5	97.9	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	83.4	93.1	94.9	96.7	97.7	97.8	98.2	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	83.4	93.1	94.9	96.8	97.8	97.9	98.3	98.7	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	83.4	93.1	94.9	96.8	97.8	97.9	98.3	98.8	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	83.4	93.1	94.9	96.8	97.8	97.9	98.4	98.8	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
0	83.4	93.1	94.9	96.8	97.8	97.9	98.4	98.8	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3305

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

SPEEDILOG® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.4	48.0	48.3	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	59.0	61.3	61.6	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	59.6	62.0	62.3	62.5	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	59.9	62.3	62.6	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	61.0	63.5	63.8	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	62.2	64.7	65.0	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	63.3	65.8	66.2	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	63.8	66.3	66.7	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	64.5	67.2	67.5	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	65.3	68.1	68.4	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	66.7	69.5	69.9	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	68.5	71.6	72.0	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	70.3	73.5	74.0	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	73.6	76.9	77.4	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	76.6	80.3	80.7	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	79.5	83.8	84.3	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	82.3	87.3	87.9	88.5	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	84.8	90.5	91.1	91.8	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	85.3	91.2	91.9	92.5	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	86.1	92.4	93.2	94.0	94.3	94.4	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	86.6	93.4	94.3	95.2	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	86.9	94.1	95.0	95.9	96.5	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	87.2	94.3	95.3	96.3	96.9	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	87.3	94.6	95.5	96.6	97.2	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	87.4	94.7	95.7	96.9	97.5	97.5	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	87.5	94.9	95.9	97.1	97.8	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	87.5	94.9	96.0	97.2	98.0	98.1	98.3	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	87.5	94.9	96.0	97.3	98.1	98.2	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	87.5	94.9	96.1	97.3	98.2	98.3	98.8	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	87.5	94.9	96.1	97.3	98.2	98.3	98.8	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	87.5	94.9	96.1	97.3	98.2	98.3	98.8	99.2	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	87.5	94.9	96.1	97.3	98.2	98.3	98.8	99.2	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3303

MOORE BUSINESS FORMS, INC. SPEEDIFORM®

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.4	52.4	52.6	52.7	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	64.4	67.6	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	64.9	68.2	68.4	68.5	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	65.4	68.7	68.9	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	67.0	70.4	70.6	70.8	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	68.2	71.5	71.8	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	68.9	72.3	72.6	72.7	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	69.5	72.9	73.3	73.4	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	70.3	73.7	74.1	74.2	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	71.6	75.1	75.4	75.6	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	72.3	76.0	76.4	76.6	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	73.5	77.2	77.6	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	74.2	78.0	78.4	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	75.7	79.6	80.1	80.3	80.6	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	77.3	81.5	81.9	82.3	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	79.5	84.0	84.6	85.0	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	81.4	86.4	87.0	87.4	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	83.0	88.4	89.1	89.5	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800	83.7	89.3	90.1	90.5	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	85.1	91.1	91.9	92.4	92.9	93.0	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	85.8	92.7	93.6	94.1	94.6	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	86.5	93.7	94.8	95.4	96.0	96.1	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	86.7	94.0	95.0	95.7	96.3	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	86.8	94.2	95.2	96.0	96.6	96.7	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 730	86.9	94.3	95.4	96.1	96.9	97.1	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	87.0	94.4	95.6	96.3	97.1	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	87.0	94.4	95.7	96.5	97.5	97.8	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	87.0	94.5	95.8	96.6	97.6	98.0	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	87.0	94.6	95.9	96.7	97.8	98.1	98.5	98.8	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 200	87.0	94.6	95.9	96.7	97.8	98.1	98.5	98.9	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	87.0	94.6	95.9	96.7	97.8	98.1	98.5	98.9	99.1	99.5	99.8	99.8	99.9	99.9	99.9	100.0
0	87.0	94.6	95.9	96.7	97.8	98.1	98.5	98.9	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3291

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.7	50.1	50.3	50.5	50.5	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	55.7	58.7	59.0	59.2	59.2	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	56.0	59.1	59.4	59.5	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	56.3	59.3	59.6	59.8	59.9	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	57.2	60.2	60.5	60.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	58.2	61.3	61.6	61.8	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	58.9	62.0	62.4	62.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	59.4	62.6	63.0	63.2	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	60.2	63.5	63.8	64.1	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	60.8	64.2	64.6	64.8	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	61.3	64.8	65.1	65.4	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	61.8	65.4	65.8	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4500	62.4	66.0	66.4	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	62.8	66.7	67.1	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
≥ 3500	63.7	67.7	68.1	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	64.9	69.0	69.5	69.8	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2500	66.4	70.8	71.3	71.6	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2000	68.7	73.6	74.3	74.7	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1800	69.9	75.0	75.8	76.3	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1500	73.7	79.7	80.5	81.1	81.3	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1200	78.6	85.7	86.7	87.4	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	80.9	89.1	90.2	91.0	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	81.7	90.1	91.3	92.1	92.4	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	82.2	91.2	92.5	93.3	93.7	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	82.7	92.1	93.4	94.4	94.9	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	83.0	92.9	94.2	95.3	95.6	96.0	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	83.2	93.3	94.7	95.8	96.6	96.8	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	83.3	93.6	95.2	96.5	97.4	97.6	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	83.3	93.7	95.4	96.8	97.8	98.1	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	83.3	93.7	95.4	96.8	97.8	98.1	98.9	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	83.3	93.7	95.4	96.8	97.8	98.1	98.9	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
0	83.3	93.7	95.4	96.8	97.8	98.1	98.9	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3293

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

SPEEDFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.2	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2
W 20000	43.3	46.5	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
W 18000	43.7	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3
W 16000	43.7	46.9	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
W 14000	44.2	47.5	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
W 12000	45.0	48.5	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
W 10000	45.6	49.2	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
W 9000	45.9	49.6	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
W 8000	46.4	50.1	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
W 7000	46.8	50.7	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
W 6000	47.2	51.2	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7
W 5000	47.9	52.1	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7
W 4500	48.2	52.5	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
W 4000	49.0	53.4	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
W 3500	50.1	54.6	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3
W 3000	50.9	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4
W 2500	52.3	57.4	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
W 2000	54.9	60.4	60.8	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
W 1800	57.0	62.7	63.2	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
W 1500	61.2	67.8	68.4	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
W 1200	69.2	77.4	78.1	78.5	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
W 1000	74.2	84.4	85.4	85.9	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
900	76.2	87.2	88.2	88.8	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
800	78.0	89.8	91.0	91.8	92.0	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
W 700	79.0	91.4	92.7	93.7	93.9	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
W 600	79.6	92.3	93.9	95.1	95.3	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
W 500	79.8	93.2	94.9	96.2	96.5	96.6	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
W 400	80.0	93.8	95.7	97.2	97.7	97.9	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
W 300	80.1	93.9	95.9	97.5	98.2	98.4	98.9	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
W 200	80.1	94.0	96.0	97.7	98.4	98.5	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8
W 100	80.1	94.0	96.0	97.7	98.4	98.5	99.1	99.4	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0
W 0	80.1	94.0	96.0	97.7	98.4	98.5	99.1	99.4	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3420

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

SPEEDIGRAF® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.1	29.6	30.2	30.6	31.0	31.0	31.2	31.3	31.3	31.4	31.4	31.4	31.5	31.5	31.5	31.6
≥ 20000	29.1	33.2	33.9	34.4	34.8	34.9	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.4	35.5
≥ 18000	29.1	33.3	34.0	34.4	34.8	34.9	35.2	35.2	35.3	35.3	35.4	35.4	35.5	35.5	35.5	35.6
≥ 16000	29.2	33.4	34.1	34.5	34.9	35.0	35.3	35.3	35.3	35.4	35.5	35.5	35.5	35.5	35.6	35.7
≥ 14000	29.6	33.8	34.5	35.0	35.4	35.5	35.7	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.1	36.1
≥ 12000	30.4	34.7	35.4	35.9	36.4	36.4	36.7	36.7	36.8	36.9	36.9	36.9	37.0	37.0	37.0	37.1
≥ 10000	31.5	36.1	36.8	37.3	37.7	37.8	38.1	38.1	38.1	38.2	38.3	38.3	38.3	38.3	38.4	38.5
≥ 9000	31.8	36.6	37.3	37.8	38.3	38.4	38.6	38.7	38.7	38.8	38.9	38.9	38.9	38.9	39.0	39.0
≥ 8000	32.3	37.2	38.0	38.5	39.0	39.0	39.3	39.3	39.4	39.5	39.5	39.5	39.6	39.6	39.6	39.7
≥ 7000	32.8	37.9	38.6	39.1	39.6	39.7	39.9	40.0	40.0	40.1	40.2	40.2	40.2	40.2	40.3	40.3
≥ 6000	33.4	38.6	39.3	39.8	40.3	40.4	40.6	40.7	40.7	40.8	40.9	40.9	40.9	40.9	41.0	41.0
≥ 5000	34.3	39.5	40.3	40.8	41.3	41.4	41.6	41.7	41.7	41.8	41.9	41.9	41.9	41.9	42.0	42.1
≥ 4500	34.7	40.0	40.8	41.3	41.8	41.9	42.1	42.2	42.2	42.3	42.4	42.4	42.4	42.4	42.5	42.5
≥ 4000	35.5	41.0	41.8	42.3	42.8	42.9	43.2	43.2	43.3	43.3	43.4	43.4	43.5	43.5	43.5	43.6
≥ 3500	36.3	42.0	42.8	43.4	43.9	44.0	44.2	44.3	44.3	44.4	44.5	44.5	44.5	44.5	44.6	44.7
≥ 3000	36.9	42.9	43.8	44.4	44.9	44.9	45.2	45.2	45.3	45.4	45.4	45.4	45.5	45.5	45.5	45.6
≥ 2500	38.7	45.4	46.3	46.9	47.4	47.5	47.8	47.8	47.8	47.9	48.0	48.0	48.0	48.0	48.1	48.2
≥ 2000	41.6	49.2	50.2	51.0	51.5	51.7	51.9	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.3	52.3
≥ 1800	43.2	51.2	52.4	53.2	53.7	53.9	54.1	54.1	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.5
≥ 1500	47.9	57.1	58.6	59.5	60.1	60.3	60.5	60.5	60.6	60.7	60.8	60.8	60.8	60.8	60.9	61.0
≥ 1200	55.4	66.8	68.8	69.7	70.6	70.7	71.1	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.5
≥ 1000	59.3	72.4	74.8	76.1	77.2	77.4	77.8	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2
≥ 900	61.0	75.0	77.5	78.9	80.1	80.3	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.2	81.2
≥ 800	62.8	78.2	80.9	82.4	83.8	84.0	84.5	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 700	64.3	81.1	83.9	85.8	87.3	87.6	88.1	88.3	88.3	88.4	88.6	88.6	88.6	88.6	88.7	88.8
≥ 600	65.1	82.6	85.9	87.9	89.6	89.9	90.4	90.6	90.6	90.7	90.9	90.9	90.9	90.9	91.0	91.1
≥ 500	65.7	83.9	87.7	90.1	92.0	92.3	93.1	93.2	93.3	93.4	93.6	93.6	93.6	93.6	93.7	93.8
≥ 400	66.2	85.1	89.2	91.9	94.1	94.5	95.3	95.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.2
≥ 300	66.4	85.5	89.7	92.6	95.2	95.6	96.6	96.9	96.9	97.2	97.5	97.5	97.6	97.6	97.6	97.8
≥ 200	66.4	85.5	89.8	92.6	95.3	95.7	96.8	97.3	97.3	97.8	98.1	98.2	98.4	98.4	98.5	98.7
≥ 100	66.4	85.6	89.8	92.7	95.4	95.8	96.9	97.5	97.5	98.0	98.4	98.5	98.9	99.0	99.3	99.8
≥ 0	66.4	85.6	89.8	92.7	95.4	95.8	96.9	97.5	97.5	98.0	98.4	98.5	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3424

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

MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.5	22.7	23.5	23.8	24.4	24.4	24.5	24.6	24.6	24.7	24.8	24.8	24.9	24.9	24.9	25.0
≥ 20000	23.1	27.2	28.3	28.7	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.2
≥ 18000	23.2	27.3	28.5	28.9	29.6	29.6	29.7	29.8	29.9	30.0	30.1	30.1	30.1	30.1	30.3	30.4
≥ 16000	23.2	27.4	28.5	28.9	29.6	29.	8	29.8	29.9	30.0	30.1	30.1	30.2	30.2	30.3	30.4
≥ 14000	23.6	27.8	28.9	29.4	30.1	30.	2	30.2	30.3	30.5	30.5	30.5	30.6	30.6	30.7	30.9
≥ 12000	24.6	29.0	30.1	30.5	31.3	31.4	.5	31.5	31.6	31.7	31.8	31.8	31.9	31.9	32.0	32.2
≥ 10000	25.7	30.3	31.5	31.9	32.7	32.8	32.9	32.9	33.0	33.2	33.3	33.3	33.4	33.4	33.5	33.7
≥ 9000	25.9	30.5	31.8	32.3	33.1	33.2	33.3	33.3	33.4	33.6	33.7	33.7	33.8	33.8	34.0	34.1
≥ 8000	26.7	31.6	32.8	33.3	34.2	34.3	34.4	34.4	34.5	34.7	34.8	34.8	34.9	34.9	35.0	35.2
≥ 7000	27.2	32.3	33.5	34.1	34.9	35.0	35.1	35.1	35.2	35.4	35.5	35.6	35.6	35.6	35.8	35.9
≥ 6000	28.0	33.2	34.5	35.1	35.9	36.0	36.1	36.1	36.2	36.4	36.5	36.5	36.6	36.6	36.8	36.9
≥ 5000	28.9	34.5	35.9	36.4	37.3	37.4	37.5	37.5	37.6	37.8	37.9	37.9	38.0	38.0	38.1	38.3
≥ 4500	29.2	35.0	36.3	36.9	37.8	37.9	38.0	38.0	38.1	38.3	38.4	38.4	38.5	38.5	38.6	38.8
≥ 4000	29.7	35.8	37.3	37.9	38.8	38.9	39.0	39.0	39.1	39.3	39.4	39.5	39.5	39.5	39.7	39.8
≥ 3500	30.5	37.0	38.5	39.1	40.1	40.2	40.3	40.3	40.4	40.6	40.7	40.7	40.8	40.8	41.0	41.1
≥ 3000	31.7	38.5	40.0	40.7	41.7	41.8	41.9	41.9	42.0	42.2	42.3	42.3	42.4	42.4	42.6	42.7
≥ 2500	33.3	40.9	42.6	43.4	44.5	44.7	44.8	44.9	45.0	45.2	45.3	45.3	45.4	45.4	45.5	45.7
≥ 2000	36.6	45.2	47.3	48.2	49.6	49.9	50.0	50.1	50.2	50.5	50.5	50.6	50.7	50.7	50.9	51.0
≥ 1800	38.3	47.5	49.8	50.6	52.1	52.4	52.6	52.7	52.8	53.0	53.1	53.1	53.2	53.2	53.4	53.6
≥ 1500	42.0	52.8	55.3	56.3	58.1	58.3	58.6	58.7	58.8	59.1	59.2	59.2	59.3	59.3	59.5	59.6
≥ 1200	48.0	61.2	64.1	65.6	67.5	67.8	68.2	68.3	68.4	68.7	68.8	68.8	69.0	69.0	69.1	69.3
≥ 1000	52.4	67.8	71.1	73.1	75.4	75.8	76.3	76.3	76.5	76.8	77.0	77.0	77.1	77.2	77.3	77.5
≥ 900	53.9	70.1	73.8	76.0	78.6	79.0	79.6	79.7	79.9	80.2	80.3	80.4	80.5	80.5	80.7	80.9
≥ 800	55.4	73.1	77.1	79.7	82.7	83.2	83.9	84.1	84.3	84.6	84.8	84.8	85.0	85.0	85.2	85.3
≥ 700	56.3	74.9	79.3	82.4	85.7	86.2	87.0	87.3	87.5	87.9	88.0	88.1	88.2	88.2	88.4	88.6
≥ 600	56.9	76.2	80.8	84.5	88.1	88.7	89.7	90.1	90.3	90.7	90.9	90.9	91.1	91.1	91.3	91.4
≥ 500	57.3	77.3	82.3	86.2	90.2	90.8	92.1	92.6	92.8	93.2	93.5	93.5	93.7	93.8	94.0	94.1
≥ 400	57.6	77.7	82.9	87.1	91.2	92.0	93.4	94.2	94.5	95.0	95.4	95.4	95.6	95.6	95.8	96.0
≥ 300	57.6	78.0	83.2	87.5	91.8	92.6	94.3	95.3	95.7	96.4	97.0	97.0	97.2	97.3	97.5	97.8
≥ 200	57.6	78.0	83.3	87.6	92.0	92.8	94.6	95.6	96.0	96.9	97.6	97.6	98.0	98.2	98.5	98.8
≥ 100	57.6	78.1	83.4	87.7	92.0	92.9	94.6	95.7	96.1	97.2	98.0	98.1	98.5	98.9	99.4	99.8
0	57.6	78.1	83.4	87.7	92.0	92.9	94.6	95.7	96.1	97.2	98.0	98.1	98.5	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3437

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

SPEEDILOG® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.5	34.9	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	39.4	42.3	42.6	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000	39.5	42.4	42.8	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 16000	39.7	42.6	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 14000	40.1	43.2	43.5	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	41.0	44.3	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 10000	42.2	45.7	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	42.5	46.2	46.7	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 8000	43.0	47.0	47.4	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 7000	43.9	48.0	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 6000	44.7	49.0	49.4	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 5000	45.5	50.0	50.5	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4500	46.1	50.6	51.1	51.4	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4000	47.8	52.6	53.1	53.4	53.5	53.5	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 3500	49.9	54.9	55.4	55.8	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 3000	54.1	59.6	60.1	60.6	60.7	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 2500	60.1	66.5	67.2	67.8	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 2000	66.6	74.5	75.3	75.9	76.2	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1800	69.2	77.4	78.3	79.0	79.3	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1500	73.4	83.3	84.4	85.2	85.6	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	76.5	88.0	89.5	90.6	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	78.1	90.7	92.4	93.6	94.3	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 900	78.4	91.3	93.1	94.3	95.0	95.1	95.3	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7
≥ 800	78.6	92.1	94.0	95.4	96.?	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9
≥ 700	78.8	92.7	94.7	96.1	97.1	97.2	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	78.9	92.8	94.9	96.5	97.6	97.7	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 500	79.0	93.0	95.1	96.8	97.9	98.1	98.6	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 400	79.0	93.1	95.1	96.9	98.0	98.2	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 300	79.1	93.2	95.2	97.0	98.1	98.3	98.9	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	79.1	93.2	95.2	97.0	98.1	98.3	98.9	99.2	99.3	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 100	79.1	93.2	95.2	97.0	98.1	98.3	98.9	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
0	79.1	93.2	95.3	97.0	98.2	98.3	98.9	99.3	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3450

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) MAY (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	≥ ⅛	≥ 0
NO CEILING	41.5	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	50.4	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
< 20000 ≥ 18000	50.9	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
< 18000 ≥ 16000	51.2	53.4	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
< 16000 ≥ 14000	51.8	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
< 14000 ≥ 12000	52.4	54.9	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
< 12000 ≥ 10000	53.5	56.1	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
< 10000 ≥ 9000	53.8	56.4	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
< 9000 ≥ 8000	54.7	57.4	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
< 8000 ≥ 7000	55.4	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
< 7000 ≥ 6000	56.2	59.0	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
< 6000 ≥ 5000	58.1	61.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
< 5000 ≥ 4500	60.2	63.2	63.6	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
< 4500 ≥ 4000	64.5	67.9	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
< 4000 ≥ 3500	69.7	73.4	73.8	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
< 3500 ≥ 3000	76.5	80.9	81.3	81.6	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
< 3000 ≥ 2500	81.3	86.9	87.3	87.7	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
< 2500 ≥ 2000	85.0	91.7	92.2	92.7	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
< 2000 ≥ 1800	86.0	93.1	93.6	94.1	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
< 1800 ≥ 1500	87.0	94.7	95.2	95.8	96.1	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
< 1500 ≥ 1200	87.4	95.5	96.1	96.7	97.1	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
< 1200 ≥ 1000	87.9	96.3	96.9	97.6	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
< 1000 ≥ 900	88.0	96.4	97.0	97.7	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
< 900 ≥ 800	88.1	96.6	97.2	98.0	98.4	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
< 800 ≥ 700	88.1	96.7	97.4	98.2	98.6	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
< 700 ≥ 600	88.1	96.7	97.4	98.3	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
< 600 ≥ 500	88.2	96.8	97.4	98.3	98.8	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
< 500 ≥ 400	88.2	96.8	97.5	98.4	98.9	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
< 400 ≥ 300	88.2	96.8	97.6	98.5	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 300 ≥ 200	88.2	96.8	97.6	98.5	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 200 ≥ 100	88.2	96.8	97.6	98.5	98.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100 ≥ 0	88.2	96.8	97.6	98.5	98.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3450

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

D..A PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.8	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 20000	62.9	65.1	65.3	65.4	65.6	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	63.3	65.5	65.6	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	63.6	65.9	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	64.1	66.6	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	65.2	67.7	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 10000	66.3	68.8	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	66.6	69.2	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	67.4	70.0	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	68.2	70.9	71.1	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	69.6	72.6	73.8	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	73.1	76.2	76.4	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	76.0	79.4	79.6	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	79.8	83.4	83.7	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	82.9	86.9	87.1	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
≥ 3000	86.1	90.6	90.9	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	88.1	93.1	93.4	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	89.8	95.4	95.7	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 1800	89.9	95.5	95.9	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	90.2	96.0	96.4	96.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	90.6	96.6	97.1	97.6	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1000	90.7	96.9	97.4	97.9	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	90.8	97.0	97.5	98.1	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	90.9	97.2	97.7	98.4	98.8	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	90.9	97.2	97.8	98.5	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	90.9	97.3	97.9	98.6	99.1	99.2	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	91.0	97.4	98.0	98.8	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	91.0	97.4	98.0	98.8	99.3	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.0	97.4	98.0	98.8	99.3	99.5	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.0	97.4	98.0	98.8	99.3	99.5	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.0	97.4	98.0	98.8	99.3	99.5	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	91.0	97.4	98.0	98.8	99.3	99.5	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3458

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.5	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	71.4	74.0	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	71.8	74.4	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000	72.2	74.8	75.0	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	73.2	75.9	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000	74.8	77.7	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.2	78.3	78.3	78.3	78.3	78.3
≥ 10000	75.9	79.1	79.4	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
≥ 9000	76.3	79.5	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 8000	76.9	80.2	80.6	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
≥ 7000	77.8	81.2	81.6	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
≥ 6000	78.5	82.1	82.5	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
≥ 5000	80.5	84.4	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	81.5	85.6	86.0	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	83.0	87.4	87.8	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
≥ 3500	84.4	89.0	89.4	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
≥ 3000	86.1	91.4	91.8	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
≥ 2500	87.1	92.8	93.4	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	88.3	94.4	95.1	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	88.5	94.8	95.4	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	89.3	95.8	96.4	96.9	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	89.6	96.3	97.1	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	90.0	96.8	97.6	98.2	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	90.1	96.9	97.8	98.4	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	90.1	97.1	97.9	98.5	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	90.2	97.2	98.0	98.6	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	90.2	97.2	98.1	98.7	99.2	99.2	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	90.2	97.2	98.2	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	90.2	97.2	98.2	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	90.2	97.2	98.2	98.9	99.4	99.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	90.2	97.2	98.2	98.9	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	90.2	97.2	98.2	98.9	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	90.2	97.2	98.2	98.9	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3417

SPEEDFLOW® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	55.5	55.6	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	64.3	66.8	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	64.8	67.3	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	65.0	67.6	67.7	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	65.9	68.5	68.6	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000	66.7	69.5	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	67.5	70.4	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000	67.8	70.6	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	68.2	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	68.8	71.9	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	69.5	72.7	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	70.5	74.0	74.2	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	71.2	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	72.2	76.0	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3500	73.3	77.2	77.5	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
≥ 3000	74.3	78.5	78.8	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
≥ 2500	75.8	80.1	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000	78.3	83.1	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	79.8	85.0	85.4	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	82.6	88.2	88.7	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	86.1	92.6	93.3	93.8	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	87.6	94.7	95.5	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	87.9	95.4	96.2	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	88.3	95.9	96.8	97.5	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	88.6	96.4	97.3	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	88.7	96.8	97.8	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	88.8	96.9	98.0	98.7	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	88.9	97.0	98.2	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	88.9	97.1	98.3	99.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.9	97.1	98.3	99.1	99.5	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.9	97.1	98.3	99.1	99.5	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	88.9	97.1	98.3	99.1	99.5	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3412

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

SEEDFLO® MOORE BUSINESS FORMS, INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) UN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.0	50.0	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	52.9	55.1	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 18000	53.1	55.3	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
≥ 16000	53.4	55.6	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	53.9	56.1	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	54.7	57.0	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 10000	55.4	57.8	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	55.5	57.9	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 8000	56.0	58.5	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 7000	56.5	59.1	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	56.8	59.5	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
≥ 5000	57.3	60.0	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 4500	57.4	60.2	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
≥ 4000	57.9	60.7	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 3500	58.4	61.4	61.6	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1
≥ 3000	58.9	61.9	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 2500	60.7	63.8	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
≥ 2000	64.1	67.3	67.6	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1800	67.1	70.5	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1500	72.8	76.8	77.1	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 1200	80.7	85.4	85.7	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 1000	85.6	90.9	91.4	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	87.5	93.1	93.6	94.1	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	89.0	94.8	95.3	95.8	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 700	90.0	96.0	96.6	97.2	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	90.5	96.8	97.4	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	90.8	97.1	97.7	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 400	91.0	97.5	98.2	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	91.0	97.6	98.2	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	91.0	97.7	98.3	99.1	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.0	97.7	98.3	99.1	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	91.0	97.7	98.3	99.1	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3273

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

SPEEDIFLOW MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.1	30.9	31.3	31.5	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.2
≥ 20000	31.9	35.0	35.4	35.6	35.9	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.3
≥ 18000	32.1	35.2	35.6	35.8	36.1	36.2	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.5
≥ 16000	32.4	35.4	35.9	36.1	36.4	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.7	36.8
≥ 14000	32.8	36.0	36.5	36.7	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.4
≥ 12000	33.9	37.1	37.6	37.8	38.1	38.2	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.5
≥ 10000	34.7	38.1	38.5	38.7	39.1	39.1	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.4	39.4
≥ 9000	34.7	38.1	38.6	38.8	39.1	39.2	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.5
≥ 8000	35.0	38.4	38.8	39.1	39.4	39.4	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.7	39.8
≥ 7000	35.3	38.9	39.4	39.6	39.9	40.0	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.3
≥ 6000	35.7	39.2	39.7	40.0	40.3	40.4	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.7
≥ 5000	35.9	39.5	40.0	40.3	40.6	40.7	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	41.0
≥ 4500	36.4	40.0	40.6	40.8	41.2	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.6
≥ 4000	36.6	40.5	41.0	41.3	41.7	41.7	41.8	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.1
≥ 3500	37.4	41.3	41.9	42.1	42.5	42.6	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.9
≥ 3000	38.2	42.2	42.8	43.1	43.5	43.5	43.6	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.9
≥ 2500	40.3	44.6	45.2	45.4	45.9	46.0	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.3
≥ 2000	43.9	48.5	49.2	49.5	50.0	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.5
≥ 1800	46.8	51.5	52.1	52.5	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.4	53.5
≥ 1500	53.	59.0	59.6	60.0	60.5	60.6	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0
≥ 1200	63.6	70.4	71.2	71.7	72.4	72.5	72.6	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.0
≥ 1000	70.6	78.6	79.7	80.3	81.0	81.2	81.3	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.7
≥ 900	73.8	82.3	83.5	84.1	84.9	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.6
≥ 800	76.6	86.2	87.6	88.3	89.2	89.4	89.5	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0
≥ 700	78.3	86.5	89.9	90.8	91.7	91.9	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.6
≥ 600	79.8	90.5	92.2	93.1	94.1	94.3	94.4	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 500	80.6	92.0	93.9	94.8	95.9	96.1	96.2	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.9	96.9
≥ 400	81.0	92.9	94.9	96.1	97.3	97.5	97.7	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4
≥ 300	81.1	93.2	95.3	96.6	97.9	98.2	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.3	99.4
≥ 200	81.1	93.3	95.4	96.8	98.1	98.3	98.7	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥ 100	81.1	93.3	95.4	96.8	98.1	98.3	98.7	99.1	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.8
0	81.1	93.3	95.4	96.8	98.1	98.3	98.7	99.1	99.1	99.3	99.5	99.5	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3270

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

SPEEDIAL © MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUN (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.3	23.5	24.3	24.8	25.3	25.3	25.4	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 20000	24.7	28.5	29.4	30.0	30.4	30.4	30.6	30.8	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 18000	25.0	28.8	29.6	30.2	30.6	30.6	30.9	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.3
≥ 16000	25.3	29.1	29.9	30.5	31.0	31.0	31.2	31.4	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 14000	26.0	29.9	30.8	31.4	31.9	31.9	32.1	32.3	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 12000	27.4	31.5	32.3	33.0	33.5	33.5	33.7	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 10000	28.5	32.7	33.7	34.3	34.8	34.8	35.0	35.2	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.5
≥ 9000	28.6	33.0	33.9	34.6	35.1	35.1	35.3	35.5	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 8000	29.1	33.5	34.4	35.1	35.6	35.6	35.8	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.3
≥ 7000	29.5	34.0	34.9	35.6	36.1	36.1	36.3	36.5	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.8
≥ 6000	29.7	34.2	35.2	35.9	36.4	36.4	36.6	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 5000	30.1	34.8	35.7	36.5	37.0	37.0	37.2	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.7
≥ 4500	30.3	35.0	36.0	36.8	37.3	37.3	37.5	37.7	37.8	37.9	37.9	37.9	37.9	37.9	37.9	38.0
≥ 4000	30.8	35.6	36.6	37.4	37.9	37.9	38.1	38.3	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 3500	31.4	36.2	37.3	38.0	38.6	38.6	38.8	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.3
≥ 3000	32.8	37.8	38.8	39.6	40.2	40.2	40.4	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.9
≥ 2500	34.7	40.0	41.1	41.9	42.6	42.6	42.8	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.3
≥ 2000	40.1	46.0	47.1	48.0	48.7	48.8	49.0	49.3	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.6
≥ 1800	42.5	48.8	50.0	50.9	51.6	51.7	51.9	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 1500	49.3	56.6	57.9	58.9	59.6	59.7	60.1	60.4	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1200	59.2	68.4	70.0	71.3	72.1	72.2	72.7	72.9	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1000	65.9	76.6	78.6	80.1	81.3	81.4	81.9	82.3	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 900	68.1	79.6	81.7	83.3	84.5	84.7	85.2	85.7	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 800	70.6	83.1	85.3	87.1	88.5	88.6	89.2	89.7	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2
≥ 700	72.3	85.6	88.0	90.0	91.5	91.7	92.3	92.8	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 600	73.1	87.2	89.8	91.9	93.4	93.7	94.4	95.1	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.7
≥ 500	73.5	88.2	90.9	93.1	94.6	94.9	95.8	96.5	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	73.7	88.7	91.5	93.8	95.5	95.9	96.8	97.5	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.3
≥ 300	74.0	89.0	91.8	94.1	95.9	96.4	97.4	98.1	98.3	98.7	98.9	98.9	99.0	99.1	99.1	99.2
≥ 200	74.0	89.1	92.0	94.3	96.2	96.7	97.7	98.5	98.6	99.1	99.4	99.4	99.5	99.6	99.6	99.6
≥ 100	74.0	89.1	92.0	94.3	96.2	96.7	97.7	98.5	98.6	99.1	99.4	99.4	99.6	99.8	99.8	99.8
0	74.0	89.1	92.0	94.3	96.2	96.7	97.7	98.5	98.6	99.1	99.4	99.4	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3325

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

SPEEDILO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.6	41.6	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	46.3	48.5	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	46.6	48.9	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 16000	47.2	49.5	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 14000	48.5	50.9	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	49.7	52.1	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	51.2	53.7	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	51.5	54.1	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	52.1	54.6	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 7000	52.4	55.0	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 6000	52.5	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 5000	53.1	55.8	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 4500	53.6	56.3	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 4000	54.8	57.7	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 3500	57.2	60.1	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 3000	62.9	66.0	66.6	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
≥ 2500	70.4	73.8	74.3	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
≥ 2000	78.5	82.6	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	81.7	86.0	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	86.5	91.5	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
≥ 1200	89.5	95.1	95.9	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
≥ 1000	90.5	96.6	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	90.7	96.8	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	90.9	97.1	98.0	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	91.1	97.5	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	91.1	97.5	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	91.1	97.7	98.7	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
≥ 400	91.1	97.7	98.8	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.1	97.7	98.8	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.1	97.7	98.8	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.1	97.7	98.8	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	91.1	97.7	98.8	99.3	99.6	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 3364

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

STEGMAIER® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.7	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	52.0	52.0
≥ 20000	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 18000	60.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	60.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	62.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	63.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	65.0	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	65.5	66.9	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
≥ 8000	66.1	67.5	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
≥ 7000	66.4	67.9	67.9	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
≥ 6000	67.1	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
≥ 5000	70.4	71.9	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
≥ 4500	72.4	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
≥ 4000	76.8	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	82.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	88.5	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	92.2	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	93.9	96.6	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
≥ 1800	94.1	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 1500	95.0	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	95.1	98.1	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	95.2	98.3	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	95.2	98.4	98.6	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	95.4	98.5	98.7	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	95.4	98.5	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	95.4	98.7	99.0	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	95.4	98.7	99.0	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	95.4	98.7	99.0	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	95.4	98.7	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.4	98.7	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	95.4	98.7	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.4	98.7	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3360

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

SPEEDIFORM® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.6	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
≥ 20000	73.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	73.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	74.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	75.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	77.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	80.0	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
≥ 8000	80.7	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	82.1	82.1
≥ 7000	81.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	82.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	85.4	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	87.5	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	90.2	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	91.9	93.8	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
≥ 3000	94.0	96.2	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	95.0	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	95.6	98.0	98.2	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
≥ 1800	95.7	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	95.8	98.3	98.6	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
≥ 1200	95.9	98.4	98.7	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
≥ 1000	96.0	98.5	98.9	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
≥ 900	96.0	98.6	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	96.0	98.7	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.0	98.8	99.1	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
≥ 600	96.0	98.8	99.1	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
≥ 500	96.0	98.8	99.1	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
≥ 400	96.0	98.8	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.0	98.8	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.0	98.8	99.2	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
≥ 100	96.0	98.8	99.2	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
0	96.0	98.8	99.2	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

TOTAL NUMBER OF OBSERVATIONS 3357

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

SPEEDILOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.5	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	69.5
≥ 20000	82.7	84.0	84.0	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
≥ 18000	83.2	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	84.6
≥ 16000	83.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	85.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	86.9	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 10000	88.5	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	90.3	90.3
≥ 9000	88.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 8000	89.4	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	89.9	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	90.3	92.2	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
≥ 5000	91.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	91.4	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	93.6	93.6
≥ 4000	92.3	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	94.8
≥ 3500	93.0	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	94.0	96.3	96.5	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
≥ 2500	94.7	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	95.1	97.7	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	95.2	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	95.4	98.2	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	95.8	98.5	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	95.8	98.6	98.8	98.9	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	95.8	98.7	98.9	99.0	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	95.9	98.7	99.0	99.1	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	96.0	98.8	99.1	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
≥ 600	96.0	98.9	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	96.1	99.1	99.3	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
≥ 400	96.1	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	96.1	99.1	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	96.1	99.1	99.4	99.6	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	96.1	99.1	99.4	99.6	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	96.1	99.1	99.4	99.6	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 3274

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

STEELMASTER® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.5	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	78.6	80.3	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	78.9	80.6	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	80.8
≥ 16000	79.2	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
≥ 14000	80.1	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	82.0
≥ 12000	81.3	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	83.2
≥ 10000	82.2	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	82.3	84.1	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
≥ 8000	83.0	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	85.0	85.0
≥ 7000	83.3	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	83.7	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	84.3	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500	84.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	84.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	85.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	86.2	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	86.9	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	89.5
≥ 2000	88.9	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	91.5	91.5
≥ 1800	90.0	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	92.3	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	94.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	94.9	98.2	98.4	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
≥ 900	95.0	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	95.3	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	95.4	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	95.6	99.0	99.3	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
≥ 500	95.6	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.6	99.1	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	95.6	99.1	99.5	99.7	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	95.6	99.2	99.6	99.7	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	95.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.6	99.2	99.6	99.7	99.8	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 3276

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

SPEEDILO® MOORE BUSINESS FORMS, INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	74.7	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	74.8	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 16000	75.0	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	75.4	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	78.1
≥ 12000	76.8	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	77.7	80.3	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
≥ 9000	77.8	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000	78.2	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	78.5	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	78.6	81.3	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
≥ 5000	78.9	81.6	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
≥ 4500	79.0	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	79.1	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	79.5	82.2	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
≥ 3000	79.6	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500	79.9	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	81.5	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	84.4	84.4
≥ 1800	82.6	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1500	86.0	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	90.4	93.9	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
≥ 1000	92.9	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	93.5	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	97.7
≥ 800	94.2	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	94.6	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	94.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	95.1	99.3	99.5	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
≥ 400	95.2	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	99.8	99.8
≥ 300	95.2	99.4	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	99.9
≥ 200	95.3	99.5	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	95.3	99.5	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	95.3	99.5	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 3388

SPEEDFLO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 28-45,47-75 (YEARS) JUL (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.3	48.2	48.5	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	48.6	50.7	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	48.7	50.9	51.1	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	49.0	51.2	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.9	51.8	51.8	51.8	51.8
≥ 14000	49.5	51.7	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	50.7	53.0	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000	51.7	54.0	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	52.0	54.4	54.7	54.8	54.8	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000	52.4	54.9	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 7000	52.8	55.3	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000	53.0	55.6	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 5000	53.2	56.0	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4500	53.3	56.1	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4000	53.4	56.2	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3500	53.6	56.5	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2
≥ 3000	53.8	56.7	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5
≥ 2500	54.6	57.6	58.0	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 2000	57.3	60.4	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1800	59.2	62.5	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1500	64.1	68.0	68.6	68.7	68.8	68.8	68.9	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1200	73.6	78.5	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1000	80.0	85.8	86.5	86.8	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	82.2	88.6	89.5	89.8	90.0	90.0	90.1	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	85.1	92.1	93.0	93.3	93.6	93.6	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	86.3	93.8	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	87.3	95.6	96.6	96.9	97.3	97.3	97.4	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	87.9	96.5	97.6	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	88.1	97.0	98.1	98.6	99.1	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	88.2	97.0	98.4	98.9	99.4	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	88.2	97.0	98.4	98.9	99.4	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	88.2	97.0	98.4	98.9	99.4	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	88.2	97.0	98.4	98.9	99.4	99.4	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3388

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

STOCKDRIVE® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS/LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.0	39.5	40.1	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7
≥ 20000	40.3	44.5	45.1	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	40.4	44.6	45.2	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9
≥ 16000	40.6	44.9	45.5	45.9	46.0	46.0	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2
≥ 14000	41.4	45.8	46.4	46.9	47.0	47.0	47.0	47.0	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000	42.7	47.4	48.1	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8
≥ 10000	43.7	48.5	49.3	49.7	49.8	49.8	49.9	49.9	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1
≥ 9000	44.1	48.9	49.7	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	44.5	49.4	50.2	50.7	50.8	50.8	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	44.9	49.9	50.7	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
≥ 6000	45.1	50.2	51.0	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
≥ 5000	45.3	50.6	51.4	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2
≥ 4500	45.4	50.7	51.5	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
≥ 4000	45.4	50.8	51.7	52.1	52.2	52.3	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5
≥ 3500	45.5	51.0	51.8	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 3000	45.8	51.3	52.1	52.6	52.7	52.7	52.8	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0
≥ 2500	47.0	52.6	53.5	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
≥ 2000	49.8	55.9	56.9	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8
≥ 1800	52.2	58.5	59.5	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4
≥ 1500	58.1	65.1	66.3	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1200	67.1	75.4	76.8	77.5	77.6	77.6	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1000	73.0	82.8	84.4	85.3	85.5	85.5	85.8	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 900	75.1	85.5	87.3	88.1	88.4	88.4	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 800	77.6	88.7	90.7	91.7	92.1	92.2	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7
≥ 700	78.8	90.5	92.7	93.8	94.3	94.3	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	79.7	92.1	94.4	95.7	96.3	96.4	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	80.4	93.2	95.5	96.9	97.6	97.7	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 400	80.5	93.4	95.9	97.2	97.9	98.1	98.5	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	80.6	93.5	96.0	97.4	98.2	98.5	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5
≥ 200	80.6	93.6	96.1	97.5	98.3	98.5	99.0	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	80.6	93.6	96.1	97.5	98.3	98.5	99.0	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	80.6	93.6	96.1	97.5	98.3	98.5	99.0	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3448

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

SPEEDIGRAF® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.1	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	64.9	68.0	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
≥ 18000	65.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000	65.5	68.7	68.8	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
≥ 14000	66.4	69.6	69.9	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	68.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000	69.3	72.6	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
≥ 9000	69.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	70.3	73.7	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
≥ 7000	70.9	74.4	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
≥ 6000	71.0	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	71.3	74.9	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
≥ 4500	71.6	75.2	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
≥ 4000	72.4	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	74.0	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	77.5	81.3	81.5	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
≥ 2500	81.3	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	86.3	91.1	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	91.5
≥ 1500	88.1	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
≥ 1000	90.4	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	91.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	92.4	98.6	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	99.2
≥ 900	92.4	98.6	99.0	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
≥ 800	92.5	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	99.4	99.4
≥ 700	92.5	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	99.6
≥ 600	92.5	98.9	99.3	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
≥ 500	92.5	98.9	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	92.5	99.0	99.3	99.7	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	92.5	99.0	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.5	99.0	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.5	99.0	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.5	99.0	99.3	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3478

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	72.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	72.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	72.8	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	75.1	75.1
≥ 14000	73.9	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	76.3	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
≥ 10000	77.5	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	80.1	80.1
≥ 9000	77.8	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
≥ 8000	78.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	78.7	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	81.5
≥ 6000	79.5	82.2	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
≥ 5000	82.8	85.6	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
≥ 4500	85.2	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	87.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	91.0	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
≥ 3000	93.2	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	96.8
≥ 2500	94.4	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	94.9	98.7	98.8	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
≥ 1600	95.0	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	95.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	95.2	99.3	99.4	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	95.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	95.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	95.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	95.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	95.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	95.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	95.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	95.3	99.5	99.6	99.7	99.7	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 3484

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

SPEEDIFOR® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.1	63.3	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	77.9	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	79.8
≥ 18000	78.4	80.2	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	80.3
≥ 16000	78.8	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	80.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	81.8	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
≥ 10000	83.1	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	85.3	85.3
≥ 9000	83.4	85.5	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
≥ 8000	84.2	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	86.7	86.7
≥ 7000	84.8	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	86.0	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	90.0	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	92.7	92.7
≥ 4500	91.6	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	93.2	96.0	96.1	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
≥ 3500	94.6	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
≥ 3000	95.4	98.3	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	95.6	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	95.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	95.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	95.7	98.8	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	95.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	95.8	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	95.8	99.0	99.3	99.5	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	95.8	99.0	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	95.8	99.0	99.3	99.5	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	95.8	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	95.8	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.8	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.8	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.8	99.0	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.8	99.0	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.8	99.0	99.4	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3487

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

SPEEDBACK® BOOK SYSTEMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	85.4	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
≥ 18000	85.6	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	87.5	87.5
≥ 16000	85.8	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 14000	87.0	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
≥ 12000	89.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 10000	90.5	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	92.7	92.7
≥ 9000	91.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 8000	91.5	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	93.8
≥ 7000	92.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 6000	92.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 5000	93.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	94.1	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
≥ 4000	94.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	95.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	95.9	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	96.0	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	96.2	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	96.2	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	96.3	98.9	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
≥ 1200	96.4	99.1	99.3	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
≥ 1000	96.4	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	96.4	99.2	99.4	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
≥ 800	96.4	99.2	99.4	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
≥ 700	96.4	99.3	99.5	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
≥ 600	96.4	99.4	99.6	99.8	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	96.4	99.4	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
≥ 400	96.4	99.4	99.7	99.8	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	96.4	99.4	99.7	99.8	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	96.4	99.4	99.7	99.8	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	96.4	99.4	99.7	99.8	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	96.4	99.4	99.7	99.8	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 3381

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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
≥ 20000	89.4	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	91.3
≥ 18000	89.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 16000	89.6	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	91.5
≥ 14000	90.1	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	92.1
≥ 12000	91.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 10000	92.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 9000	92.4	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	94.5	94.5
≥ 8000	92.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 7000	93.2	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	95.5
≥ 6000	93.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	93.8	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	96.2
≥ 4500	94.0	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	96.3	96.3
≥ 4000	94.3	96.7	96.8	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
≥ 3500	94.7	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	97.2
≥ 3000	94.9	97.3	97.3	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
≥ 2500	95.0	97.5	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
≥ 2000	95.3	97.9	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
≥ 1800	95.4	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	98.1
≥ 1500	95.8	98.3	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
≥ 1200	96.2	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	96.3	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	96.3	99.0	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
≥ 800	96.3	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	96.5	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	96.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.7	99.5	99.7	99.7	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	96.7	99.6	99.7	99.8	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	96.7	99.6	99.7	99.8	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	96.7	99.6	99.7	99.8	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	96.7	99.6	99.7	99.8	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	96.7	99.6	99.7	99.8	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 3389

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

MOORE BUSINESS FORMS INC. 22 SPEEDISET®

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-70,72-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.8	74.0	74.1	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
≥ 20000	75.4	77.8	77.9	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
≥ 18000	75.4	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	75.8	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	76.1	78.7	78.8	79.0	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	77.1	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	78.5	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	78.7	81.7	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 8000	79.2	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	79.4	82.4	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	79.5	82.6	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	79.7	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	79.9	83.0	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	83.5
≥ 4000	80.0	83.2	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	80.2	83.5	83.8	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
≥ 3000	80.6	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	80.9	84.4	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	81.9	85.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	82.8	86.4	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	85.1	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	89.0	93.1	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	91.3	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	92.0	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	92.7	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	93.1	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	93.5	98.3	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	93.7	98.6	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
≥ 400	93.8	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	94.0	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	94.0	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	94.0	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	94.0	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3331

SPEEDIFORM MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-70,72-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.9	55.6	56.1	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	55.5	58.4	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	55.6	58.5	59.0	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 16000	55.8	58.6	59.1	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	56.1	59.0	59.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	57.4	60.4	60.9	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	58.8	61.8	62.4	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	59.1	62.2	62.7	63.0	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	59.6	62.7	63.3	63.6	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 7000	59.9	63.1	63.6	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4
≥ 6000	60.0	63.3	63.9	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	60.2	63.6	64.1	64.5	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4500	60.4	63.8	64.4	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4000	60.6	64.0	64.6	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 3500	60.9	64.2	64.9	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	61.3	64.8	65.4	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3
≥ 2500	61.6	65.1	65.7	66.2	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 2000	63.0	66.8	67.4	67.9	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1800	64.3	68.2	68.8	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1500	69.1	73.3	73.9	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
≥ 1200	76.2	81.1	81.7	82.3	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1000	81.1	86.8	87.5	88.0	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	82.6	88.9	89.6	90.1	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7
≥ 800	84.5	91.4	92.1	92.7	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	85.7	93.0	93.8	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 600	86.7	94.5	95.4	96.0	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 500	87.4	95.6	96.5	97.2	97.7	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	87.9	96.3	97.3	98.0	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	88.1	96.5	97.6	98.3	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 200	88.2	96.7	97.8	98.5	99.2	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 100	88.2	96.7	97.8	98.5	99.2	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9
0	88.2	96.7	97.8	98.5	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3331

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-75 (YEARS) AUG (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.7	44.3	45.3	45.9	46.3	46.4	46.4	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.8	46.8
≥ 20000	44.9	49.0	50.0	50.7	51.2	51.3	51.4	51.5	51.5	51.6	51.7	51.7	51.7	51.8	51.8	51.8
≥ 18000	45.0	49.1	50.1	50.8	51.3	51.4	51.5	51.6	51.6	51.7	51.8	51.8	51.8	51.9	51.9	51.9
≥ 16000	45.3	49.4	50.4	51.1	51.6	51.7	51.8	51.9	51.9	52.1	52.1	52.1	52.1	52.2	52.2	52.2
≥ 14000	45.7	50.0	51.1	51.7	52.2	52.4	52.4	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.9
≥ 12000	47.0	51.5	52.6	53.3	53.8	53.9	54.0	54.1	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 10000	48.9	53.6	54.6	55.4	55.9	56.0	56.1	56.2	56.2	56.4	56.4	56.4	56.4	56.5	56.5	56.5
≥ 9000	49.2	53.9	55.0	55.7	56.3	56.4	56.5	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.0
≥ 8000	50.1	54.9	56.0	56.7	57.3	57.4	57.5	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	58.0
≥ 7000	50.5	55.4	56.5	57.2	57.8	57.9	58.1	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5
≥ 6000	50.8	55.7	56.9	57.6	58.2	58.3	58.5	58.6	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9
≥ 5000	51.1	56.0	57.2	57.9	58.5	58.7	58.8	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 4500	51.1	56.1	57.3	58.0	58.6	58.8	58.9	59.0	59.1	59.2	59.3	59.3	59.3	59.4	59.4	59.4
≥ 4000	51.3	56.3	57.5	58.2	58.8	59.0	59.2	59.2	59.3	59.4	59.5	59.5	59.5	59.6	59.6	59.6
≥ 3500	51.4	56.4	57.6	58.3	58.9	59.1	59.3	59.4	59.4	59.5	59.7	59.7	59.7	59.7	59.7	59.7
≥ 3000	51.8	57.0	58.2	58.9	59.6	59.7	59.9	60.0	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.4
≥ 2500	52.2	57.7	59.0	59.8	60.4	60.6	60.8	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2
≥ 2000	53.7	59.4	60.7	61.5	62.2	62.4	62.6	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.1
≥ 1800	54.8	60.6	61.9	62.8	63.5	63.7	63.9	63.9	64.0	64.1	64.2	64.2	64.2	64.3	64.3	64.3
≥ 1500	60.0	66.5	68.0	69.0	69.7	69.8	70.0	70.1	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.6
≥ 1200	67.1	74.6	76.2	77.3	78.0	78.2	78.5	78.6	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.1
≥ 1000	72.4	80.9	82.7	83.8	84.6	84.8	85.1	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.7	85.7
≥ 900	73.9	82.8	84.7	85.9	86.7	86.9	87.3	87.4	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.9
≥ 800	75.5	85.1	87.1	88.5	89.4	89.6	89.9	90.0	90.1	90.3	90.4	90.4	90.4	90.5	90.5	90.6
≥ 700	76.9	87.2	89.3	90.8	91.7	91.9	92.3	92.4	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.9
≥ 600	78.0	88.7	90.9	92.6	93.6	93.9	94.3	94.4	94.5	94.7	94.8	94.8	94.9	94.9	95.0	95.1
≥ 500	78.6	89.5	91.9	93.8	95.1	95.3	95.8	95.9	96.0	96.4	96.5	96.5	96.6	96.6	96.6	96.7
≥ 400	78.9	90.0	92.6	94.6	96.1	96.4	96.9	97.1	97.2	97.6	97.8	97.8	97.9	98.0	98.0	98.1
≥ 300	79.1	90.5	93.1	95.1	96.8	97.2	97.8	98.3	98.4	98.9	99.1	99.1	99.2	99.3	99.3	99.4
≥ 200	79.1	90.5	93.1	95.2	96.8	97.2	97.9	98.3	98.5	99.0	99.3	99.3	99.4	99.6	99.7	99.9
≥ 100	79.1	90.5	93.1	95.2	96.8	97.2	97.9	98.3	98.5	99.1	99.3	99.3	99.5	99.6	99.8	100.0
0	79.1	90.5	93.1	95.2	96.8	97.2	97.9	98.3	98.5	99.1	99.3	99.3	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3398

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.1	60.7	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	65.0	68.1	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 ≥ 18000	65.3	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
< 18000 ≥ 16000	66.1	69.2	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
< 16000 ≥ 14000	67.2	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
< 14000 ≥ 12000	68.7	72.0	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
< 12000 ≥ 10000	70.2	73.7	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
< 10000 ≥ 9000	70.9	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
< 9000 ≥ 8000	71.5	75.0	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
< 8000 ≥ 7000	71.8	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
< 7000 ≥ 6000	71.9	75.6	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
< 6000 ≥ 5000	72.1	75.9	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
< 5000 ≥ 4500	72.3	76.1	76.4	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
< 4500 ≥ 4000	73.2	77.0	77.4	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
< 4000 ≥ 3500	74.3	78.2	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
< 3500 ≥ 3000	76.1	80.1	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
< 3000 ≥ 2500	79.5	83.7	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
< 2500 ≥ 2000	84.1	88.6	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
< 2000 ≥ 1800	85.7	90.4	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
< 1800 ≥ 1500	88.2	93.4	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
< 1500 ≥ 1200	89.9	95.5	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
< 1200 ≥ 1000	90.6	96.3	97.0	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
< 1000 ≥ 900	91.0	96.9	97.5	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 ≥ 800	91.1	97.1	97.8	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
< 800 ≥ 700	91.3	97.4	98.1	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
< 700 ≥ 600	91.3	97.6	98.3	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
< 600 ≥ 500	91.4	97.8	98.5	98.9	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
< 500 ≥ 400	91.4	97.9	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
< 400 ≥ 300	91.4	97.9	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
< 300 ≥ 200	91.4	97.9	98.7	99.1	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
< 200 ≥ 100	91.4	97.9	98.7	99.1	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
< 100 ≥ 0	91.4	97.9	98.7	99.1	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3429

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

SPEEDIFORM® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-75 (YEARS) AUG (MONTH)

1200-1400 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	71.7	73.4	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
≥ 18000	72.0	73.7	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
≥ 16000	72.5	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	73.7	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	75.8	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000	76.9	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	77.2	79.3	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
≥ 8000	77.7	80.0	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
≥ 7000	77.9	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	78.5	81.0	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
≥ 5000	81.3	84.0	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	84.4
≥ 4500	83.9	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	87.2	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	89.6	92.5	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
≥ 3000	92.1	95.1	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
≥ 2500	93.7	97.1	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
≥ 2000	94.5	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	94.5	98.0	98.4	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
≥ 1500	94.7	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	94.8	98.4	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	94.9	98.5	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	95.0	98.6	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	95.0	98.8	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	95.1	98.9	99.4	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
≥ 600	95.2	98.9	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.2	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.2	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.2	98.9	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.2	98.9	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.2	98.9	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.2	98.9	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3428

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

SPEEDING® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 58-70,72-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	76.4	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	78.1
≥ 18000	76.7	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
≥ 16000	77.2	78.8	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
≥ 14000	78.4	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	80.8	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000	82.5	84.6	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
≥ 9000	82.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000	83.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	84.3	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	86.8
≥ 6000	86.0	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	89.4	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	90.8	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	92.6	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	93.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	94.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	95.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	95.3	98.5	98.8	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
≥ 1800	95.4	98.7	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	95.6	98.9	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	95.7	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	95.8	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	99.7	99.7
≥ 900	95.8	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.8	99.1	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	95.8	99.1	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.8	99.1	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.8	99.2	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.8	99.2	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.8	99.2	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.8	99.2	99.5	99.6	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	95.8	99.2	99.5	99.6	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	95.8	99.2	99.5	99.6	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 3423

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

SPEEDFLOW® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	84.0	85.4	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
≥ 18000	84.2	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	85.9
≥ 16000	84.8	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 14000	85.9	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 12000	88.2	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	90.0
≥ 10000	90.2	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	90.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 8000	91.9	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	92.6	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 6000	92.9	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	94.9
≥ 5000	94.1	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	94.6	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	96.8
≥ 4000	95.5	97.5	97.6	97.8	97.8	97.8	97.8	97.9	97.8	97.8	97.8	97.9	97.8	97.8	97.9	97.9
≥ 3500	95.8	97.8	98.0	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
≥ 3000	96.2	98.3	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	96.4	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 2000	96.6	98.7	99.0	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	96.6	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	96.7	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	96.8	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	96.8	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	96.8	99.1	99.4	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
≥ 800	96.8	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	96.8	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.8	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.9	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	96.9	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	96.9	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	96.9	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	96.9	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	96.9	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3339

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

SPECIALTY MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 28-45,47-75 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	82.1	83.4	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
≥ 20000	88.7	90.2	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	90.3
≥ 18000	88.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 16000	89.2	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 14000	89.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 12000	90.4	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
≥ 10000	92.1	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 9000	92.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	93.1	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	93.3	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
≥ 6000	93.5	95.4	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
≥ 5000	93.9	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500	94.1	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	94.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	94.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	95.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	95.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	95.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	95.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	96.0	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	98.7
≥ 1200	96.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	96.6	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	99.3	99.3
≥ 900	96.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	96.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	96.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.1	99.7	99.9	99.9	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	97.1	99.7	99.9	99.9	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	97.1	99.7	99.9	99.9	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	97.1	99.7	99.9	99.9	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 3338

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (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	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.9	61.0	61.2	61.2	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	64.3	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	64.4	65.9	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	64.9	66.4	66.5	66.5	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	65.8	67.4	67.5	67.6	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000	67.0	68.7	68.8	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	68.1	69.9	70.0	70.1	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	68.8	70.6	70.7	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 8000	69.4	71.3	71.4	71.5	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 7000	70.0	72.0	72.2	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
≥ 6000	70.2	72.3	72.5	72.6	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
≥ 5000	70.7	72.7	73.0	73.1	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	71.0	73.2	73.5	73.6	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	71.6	73.8	74.2	74.3	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	72.1	74.4	74.7	74.9	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	72.7	75.1	75.4	75.6	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2500	73.4	76.0	76.3	76.5	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2000	74.6	77.2	77.6	77.8	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1800	75.1	77.8	78.2	78.4	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
≥ 1500	77.0	80.0	80.5	80.7	81.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1200	81.3	84.5	85.1	85.4	85.8	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	84.5	88.2	88.8	89.1	89.6	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900	85.8	89.6	90.2	90.7	91.2	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 800	87.4	91.5	92.2	92.7	93.3	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700	88.6	92.9	93.7	94.3	95.0	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	89.2	93.9	94.9	95.5	96.2	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	89.6	94.6	95.7	96.4	97.2	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 400	89.8	94.9	96.1	96.9	97.7	97.9	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	89.9	95.1	96.4	97.2	98.1	98.3	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	90.0	95.2	96.5	97.3	98.3	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	90.0	95.2	96.5	97.4	98.4	98.6	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	90.0	95.2	96.5	97.4	98.4	98.6	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3229

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (YEARS) SEP (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.7	51.3	51.8	51.9	52.0	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4
≥ 20000	52.1	54.2	55.1	55.2	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
≥ 18000	52.3	54.7	55.3	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9
≥ 16000	52.5	55.0	55.6	55.6	55.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	53.0	55.4	56.1	56.1	56.3	56.3	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	54.1	56.7	57.3	57.4	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9	57.9
≥ 10000	55.1	57.8	58.5	58.5	58.7	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	55.4	58.2	58.8	58.9	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
≥ 8000	56.3	59.1	59.7	59.8	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 7000	56.5	59.3	60.0	60.1	60.4	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	56.9	59.9	60.6	60.7	61.0	61.0	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	57.2	60.2	61.0	61.1	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 4500	57.4	60.6	61.3	61.5	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2
≥ 4000	57.8	61.0	61.8	62.0	62.3	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 3500	58.3	61.6	62.4	62.6	62.9	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
≥ 3000	59.3	62.6	63.5	63.7	64.1	64.1	64.3	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 2500	60.4	63.8	64.8	65.0	65.4	65.4	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 2000	61.6	65.3	66.3	66.6	67.1	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 1800	62.5	66.3	67.3	67.6	68.2	68.2	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1500	64.7	68.8	69.8	70.1	70.8	70.8	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1200	69.3	74.1	75.2	75.6	76.3	76.4	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1000	73.1	78.6	80.0	80.3	81.2	81.3	81.5	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 900	74.9	80.9	82.3	82.8	83.7	83.7	83.9	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥ 800	76.9	83.6	85.0	85.8	86.8	86.8	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 700	78.8	86.0	87.6	88.5	89.6	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 600	79.9	87.8	89.5	90.5	91.7	91.8	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 500	80.8	89.4	91.3	92.6	94.0	94.1	94.5	94.7	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0
≥ 400	81.1	90.4	92.5	94.0	95.5	95.7	96.3	96.8	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 300	81.6	91.2	93.5	95.2	96.8	97.0	97.9	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0
≥ 200	81.8	91.4	93.7	95.4	97.0	97.2	98.4	99.0	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7
≥ 100	81.8	91.4	93.7	95.4	97.0	97.2	98.5	99.1	99.1	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 0	81.8	91.4	93.7	95.4	97.1	97.2	98.5	99.2	99.2	99.5	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3230

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

FEDERAL MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.3	43.3	44.9	45.6	46.1	46.2	46.3	46.5	46.5	46.6	46.6	46.6	46.8	46.8	46.9	46.9
≥ 20000	40.9	47.4	49.2	50.0	50.5	50.6	50.8	51.0	51.0	51.1	51.1	51.1	51.3	51.3	51.3	51.4
≥ 18000	41.2	47.8	49.5	50.4	50.9	50.9	51.1	51.3	51.3	51.4	51.4	51.4	51.6	51.6	51.7	51.8
≥ 16000	41.4	48.0	49.8	50.7	51.2	51.3	51.4	51.6	51.6	51.7	51.8	51.9	51.9	51.9	52.0	52.1
≥ 14000	42.3	48.9	50.8	51.7	52.2	52.2	52.4	52.7	52.7	52.8	52.8	52.8	53.0	53.0	53.0	53.1
≥ 12000	43.7	50.6	52.6	53.4	53.9	54.0	54.2	54.4	54.4	54.6	54.6	54.6	54.8	54.8	54.8	54.9
≥ 10000	45.4	52.6	54.6	55.4	55.9	56.0	56.2	56.5	56.5	56.7	56.7	56.7	56.8	56.9	56.9	57.0
≥ 9000	45.8	53.1	55.1	55.9	56.4	56.5	56.7	57.0	57.0	57.1	57.2	57.2	57.3	57.4	57.4	57.5
≥ 8000	46.5	53.8	55.8	56.7	57.3	57.4	57.6	57.9	58.0	58.1	58.1	58.1	58.3	58.3	58.4	58.4
≥ 7000	46.6	54.0	56.1	57.0	57.6	57.7	58.0	58.3	58.3	58.4	58.5	58.5	58.6	58.7	58.7	58.8
≥ 6000	47.0	54.5	56.6	57.5	58.1	58.2	58.5	58.8	58.9	59.0	59.0	59.0	59.2	59.2	59.3	59.3
≥ 5000	47.4	55.2	57.2	58.1	58.8	58.9	59.3	59.6	59.6	59.8	59.8	59.8	59.9	60.0	60.0	60.1
≥ 4500	47.7	55.5	57.6	58.5	59.2	59.3	59.6	59.9	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.5
≥ 4000	48.1	56.0	58.1	59.0	59.7	59.8	60.1	60.5	60.5	60.7	60.7	60.7	60.9	60.9	60.9	61.0
≥ 3500	48.8	56.7	58.8	59.7	60.4	60.5	60.9	61.3	61.3	61.5	61.5	61.5	61.6	61.7	61.7	61.8
≥ 3000	49.6	57.7	59.5	60.8	61.5	61.6	62.0	62.4	62.4	62.5	62.6	62.6	62.7	62.8	62.8	62.9
≥ 2500	50.5	58.8	60.9	62.0	62.7	62.8	63.1	63.5	63.6	63.7	63.8	63.8	63.9	63.9	64.0	64.1
≥ 2000	51.5	60.1	62.2	63.3	64.1	64.2	64.6	65.0	65.0	65.1	65.2	65.2	65.3	65.4	65.4	65.5
≥ 1800	52.1	60.7	62.9	64.0	64.8	64.9	65.2	65.6	65.7	65.8	65.9	65.9	66.0	66.0	66.1	66.2
≥ 1500	54.6	63.5	65.8	66.9	67.8	67.8	68.2	68.7	68.7	68.9	68.9	68.9	69.1	69.1	69.2	69.3
≥ 1200	58.0	67.8	70.3	71.4	72.3	72.5	72.9	73.3	73.3	73.5	73.6	73.6	73.7	73.8	73.8	73.9
≥ 1000	61.2	72.2	75.0	76.2	77.1	77.3	77.8	78.3	78.3	78.5	78.5	78.5	78.8	78.8	78.9	78.9
≥ 900	62.4	73.9	76.7	78.3	79.2	79.3	79.8	80.3	80.3	80.6	80.6	80.6	80.8	80.9	80.9	81.0
≥ 800	64.2	76.5	79.5	81.4	82.6	82.7	83.3	83.8	83.8	84.1	84.2	84.2	84.4	84.5	84.5	84.6
≥ 700	65.5	78.6	81.8	83.8	85.3	85.4	86.1	86.7	86.8	87.1	87.2	87.2	87.4	87.5	87.5	87.6
≥ 600	66.4	80.2	83.7	86.0	87.8	87.9	88.6	89.3	89.5	89.9	90.0	90.0	90.2	90.3	90.3	90.4
≥ 500	67.1	81.5	85.6	88.4	90.6	90.9	91.7	92.4	92.7	93.3	93.4	93.4	93.6	93.7	93.7	93.8
≥ 400	67.6	82.4	86.7	89.8	92.2	92.5	93.6	94.5	94.8	95.4	95.6	95.6	95.8	95.9	96.0	96.1
≥ 300	67.8	82.8	87.2	90.4	92.9	93.3	94.7	95.8	96.1	97.1	97.4	97.4	97.7	97.9	98.0	98.1
≥ 200	67.8	82.8	87.3	90.7	93.1	93.6	95.0	96.2	96.6	97.6	98.0	98.0	98.4	98.6	98.9	99.0
≥ 100	67.8	82.8	87.3	90.7	93.1	93.6	95.1	96.3	96.6	97.6	98.1	98.1	98.6	98.8	99.2	99.7
≥ 0	67.8	82.8	87.3	90.7	93.1	93.6	95.1	96.3	96.6	97.6	98.1	98.1	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3225

SPEEDHOLE® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-40-74 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.8	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	53.5	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	53.9	56.4	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000	54.2	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	55.2	58.0	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000	56.9	59.8	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	58.6	61.6	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 9000	59.0	62.0	62.5	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
≥ 8000	59.9	63.1	63.6	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
≥ 7000	60.6	63.8	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	61.1	64.4	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	61.7	65.2	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4500	62.1	65.6	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4000	63.0	66.6	67.1	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3500	64.3	68.0	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	66.4	70.2	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	70.4	74.5	75.0	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000	74.9	79.1	79.7	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800	76.8	81.1	81.7	82.0	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	80.3	85.0	85.8	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1200	83.4	88.9	89.8	90.3	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	85.0	91.4	92.3	92.9	93.2	93.3	93.4	93.5	93.6	93.5	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	85.5	92.2	93.3	93.8	94.2	94.3	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	85.9	93.1	94.3	94.9	95.3	95.4	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	86.5	94.0	95.3	96.0	96.6	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	86.9	94.7	96.1	96.9	97.5	97.6	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	87.0	95.1	96.5	97.5	98.2	98.3	98.8	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	87.0	95.2	96.7	97.7	98.4	98.5	99.1	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	87.0	95.2	96.7	97.7	98.4	98.5	99.1	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	87.0	95.2	96.7	97.7	98.4	98.5	99.1	99.4	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	87.0	95.2	96.7	97.7	98.4	98.5	99.1	99.4	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	87.0	95.2	96.7	97.7	98.4	98.5	99.1	99.4	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3226

SPEEDFLO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (YEARS) SEP (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	60.8	62.3	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
≥ 18000	61.0	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	61.6	63.2	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
≥ 14000	63.4	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	65.6	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000	66.9	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	67.4	69.3	69.5	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
≥ 8000	68.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 7000	69.3	71.5	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	70.1	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	72.6	75.1	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4500	74.8	77.4	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000	78.4	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	82.4	85.2	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	85.7	88.7	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	88.6	91.9	92.1	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	89.9	93.2	93.5	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	90.3	93.6	93.9	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	91.3	94.8	95.2	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	92.3	96.2	96.6	96.9	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	92.6	96.6	97.0	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	92.7	96.8	97.2	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	92.8	96.9	97.4	97.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	92.9	97.2	97.8	98.3	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	93.0	97.3	98.0	98.5	98.9	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	93.0	97.4	98.1	98.5	99.1	99.2	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.0	97.4	98.1	98.5	99.1	99.2	99.6	99.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.1	97.4	98.1	98.6	99.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	93.1	97.4	98.1	98.6	99.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.1	97.4	98.1	98.6	99.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	93.1	97.4	98.1	98.6	99.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3232

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

SPEEDIGRAF® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-40-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.6	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	71.2	72.3	72.5	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
≥ 18000	71.4	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	72.0	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	73.8	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	75.5
≥ 12000	75.8	77.2	77.4	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
≥ 10000	78.4	80.0	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	78.8	80.5	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	79.9	81.6	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	80.9	82.7	83.1	83.2	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	82.0	83.9	84.2	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	83.9	85.9	86.2	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	85.6	87.7	88.0	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	87.4	89.7	90.1	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 3500	88.6	90.9	91.3	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 3000	90.3	92.9	93.3	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	91.1	93.8	94.2	94.5	94.8	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	91.8	94.6	95.0	95.3	95.7	95.7	95.8	95.[illegible]	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1800	92.1	94.9	95.3	95.7	96.1	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1500	92.7	96.0	96.5	96.9	97.3	97.4	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	93.2	96.6	97.2	97.6	98.0	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	93.4	97.0	97.5	98.0	98.4	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	93.4	97.0	97.5	98.0	98.4	98.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	93.4	97.1	97.7	98.2	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	93.5	97.2	97.8	98.3	98.9	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	93.5	97.2	97.8	98.4	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	93.5	97.2	97.9	98.4	99.0	99.1	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	93.5	97.2	97.9	98.4	99.1	99.1	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	93.5	97.2	97.9	98.4	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	93.5	97.2	97.9	98.4	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.5	97.2	97.9	98.4	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	93.5	97.2	97.9	98.4	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3223

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

SPEEDFLOW® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.6	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	77.3	78.8	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	78.9
≥ 18000	77.6	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000	78.0	79.5	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	79.2	80.8	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
≥ 12000	80.9	82.8	82.9	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
≥ 10000	83.4	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	84.1	86.3	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
≥ 8000	85.2	87.6	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
≥ 7000	85.7	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	86.0	88.6	88.8	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	87.0	89.6	89.8	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	87.9	90.5	90.7	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	88.8	91.8	92.0	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500	89.3	92.2	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 3000	90.3	93.4	93.8	94.1	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	90.9	94.1	94.6	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 2000	91.3	94.7	95.2	95.6	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	91.5	95.0	95.5	96.0	96.3	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	91.9	95.6	96.1	96.6	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	92.1	96.1	96.7	97.3	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	92.4	96.6	97.3	97.9	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	92.4	96.6	97.3	97.9	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	92.4	96.7	97.4	98.0	98.4	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	92.5	96.8	97.6	98.3	98.7	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	92.5	96.8	97.7	98.5	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	92.5	96.8	97.7	98.5	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	92.5	96.8	97.7	98.5	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	92.5	96.8	97.7	98.5	98.9	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	92.5	96.9	97.8	98.5	99.0	99.1	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	92.5	97.0	97.8	98.6	99.1	99.2	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	92.5	97.0	97.8	98.6	99.1	99.2	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3229

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

SPEEDIFORM® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.4	73.6	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
≥ 20000	77.7	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
≥ 18000	77.9	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	78.2	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	79.4	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	80.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 10000	81.7	83.7	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 9000	82.1	84.3	84.4	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
≥ 8000	83.1	85.9	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	83.6	86.3	86.4	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
≥ 6000	84.1	86.8	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	85.0	87.7	87.9	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	85.4	88.2	88.4	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	86.1	88.9	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	86.4	89.3	89.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 3000	86.8	89.8	90.0	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	87.3	90.4	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	88.3	91.6	91.8	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 1800	88.6	91.9	92.1	92.4	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 1500	89.4	92.9	93.2	93.4	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 1200	90.6	94.3	94.6	94.9	95.2	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	91.3	95.5	95.8	96.1	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 900	91.5	95.8	96.2	96.4	96.8	96.9	97.0	97.0	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 800	91.7	96.3	96.7	96.9	97.4	97.5	97.6	97.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9
≥ 700	92.0	96.6	97.0	97.2	97.7	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 600	92.1	96.8	97.2	97.5	97.9	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	92.2	97.0	97.5	97.8	98.4	98.5	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	92.3	97.3	97.7	98.1	98.7	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	92.3	97.3	97.8	98.2	98.8	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 200	92.3	97.5	98.0	98.3	98.9	99.0	99.3	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	92.4	97.5	98.0	98.4	99.0	99.1	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	92.4	97.5	98.0	98.4	99.0	99.1	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3231

SPEEDIFLOW® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.3	61.7	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.3
≥ 20000	61.9	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.1
> 18000	62.1	64.7	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3
≥ 16000	62.5	65.1	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.7
> 14000	63.0	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.3
≥ 12000	63.7	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.9	66.8	66.8	66.9	67.0
> 10000	64.5	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.9
≥ 9000	64.7	67.5	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.1
> 8000	65.3	68.3	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.9
≥ 7000	65.8	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4
> 6000	66.6	69.7	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.3
≥ 5000	67.7	71.1	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.9
> 4500	68.4	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.7
≥ 4000	69.1	72.8	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5
> 3500	69.6	73.4	73.6	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.2
≥ 3000	70.4	74.3	74.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.2
> 2500	71.4	75.5	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.4
≥ 2000	73.0	77.3	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.3
> 1800	73.2	77.7	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.7
≥ 1500	75.5	80.4	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5
> 1200	79.3	84.8	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	86.0
≥ 1000	81.6	87.6	88.1	88.5	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	89.1
> 900	82.8	89.0	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.5
≥ 800	84.1	90.7	91.3	91.7	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.4
> 700	85.2	92.4	93.0	93.5	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.3
≥ 600	86.4	93.9	94.7	95.2	95.5	95.6	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.1	96.1	96.2
> 500	86.9	94.9	95.9	96.5	96.9	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.6
≥ 400	87.2	95.3	96.4	97.1	97.5	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.4
> 300	87.4	95.8	97.0	97.6	98.0	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.9	98.9	99.0
≥ 200	87.5	95.9	97.1	97.8	98.3	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.4
≥ 100	87.5	96.0	97.3	97.9	98.4	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.9
≥ 0	87.5	96.0	97.3	97.9	98.4	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3427

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 35-74 (YEARS) OCT (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.8	52.4	53.3	53.6	54.0	54.0	54.1	54.2	54.2	54.4	54.5	54.5	54.6	54.6	54.7	54.9
≥ 20000	50.8	54.4	55.3	55.6	56.1	56.1	56.1	56.2	56.3	56.4	56.5	56.5	56.7	56.7	56.7	57.0
≥ 18000	50.9	54.6	55.4	55.8	56.2	56.2	56.3	56.4	56.4	56.6	56.6	56.6	56.8	56.8	56.9	57.1
≥ 16000	51.1	54.9	55.8	56.1	56.6	56.6	56.6	56.7	56.8	56.9	57.0	57.0	57.2	57.2	57.2	57.5
≥ 14000	51.6	55.4	56.3	56.6	57.1	57.1	57.1	57.2	57.3	57.4	57.5	57.5	57.7	57.7	57.7	58.0
≥ 12000	52.6	56.4	57.3	57.7	58.1	58.1	58.2	58.2	58.3	58.5	58.5	58.5	58.7	58.7	58.7	59.0
≥ 10000	53.2	56.9	57.8	58.2	58.6	58.7	58.7	58.8	58.8	59.0	59.1	59.1	59.2	59.2	59.3	59.5
≥ 9000	53.5	57.4	58.3	58.7	59.1	59.1	59.2	59.2	59.3	59.4	59.5	59.5	59.7	59.7	59.7	60.0
≥ 8000	54.0	58.0	58.9	59.3	59.7	59.7	59.8	59.9	59.9	60.1	60.1	60.1	60.3	60.3	60.4	60.6
≥ 7000	54.6	58.7	59.6	60.0	60.4	60.4	60.5	60.6	60.6	60.8	60.8	60.8	61.0	61.0	61.1	61.3
≥ 6000	55.4	59.6	60.6	61.0	61.4	61.5	61.5	61.6	61.6	61.8	61.9	61.9	62.0	62.0	62.1	62.3
≥ 5000	56.2	60.8	61.8	62.3	62.7	62.7	62.8	62.9	62.9	63.1	63.2	63.2	63.3	63.3	63.4	63.6
≥ 4500	56.7	61.6	62.6	63.1	63.5	63.6	63.6	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.2	64.4
≥ 4000	57.5	62.5	63.6	64.1	64.6	64.6	64.7	64.8	64.8	65.0	65.0	65.0	65.2	65.2	65.3	65.5
≥ 3500	58.1	63.2	64.4	64.9	65.3	65.4	65.5	65.5	65.6	65.8	65.8	65.8	66.0	66.0	66.0	66.3
≥ 3000	58.7	63.9	65.0	65.6	66.0	66.1	66.2	66.2	66.3	66.5	66.5	66.5	66.7	66.7	66.7	67.0
≥ 2500	60.2	65.6	66.8	67.4	67.9	67.9	68.0	68.1	68.2	68.4	68.4	68.4	68.6	68.6	68.6	68.9
≥ 2000	61.8	67.6	68.8	69.5	69.9	70.0	70.1	70.2	70.3	70.5	70.5	70.5	70.7	70.7	70.7	71.0
≥ 1800	62.5	68.4	69.6	70.3	70.7	70.8	71.0	71.1	71.1	71.3	71.4	71.4	71.5	71.5	71.6	71.8
≥ 1500	64.7	71.2	72.4	73.1	73.6	73.8	73.9	74.0	74.1	74.3	74.3	74.3	74.5	74.5	74.6	74.8
≥ 1200	68.1	75.4	76.8	77.5	78.0	78.2	78.4	78.5	78.6	78.7	78.8	78.8	79.0	79.0	79.1	79.3
≥ 1000	70.0	78.1	79.6	80.5	81.1	81.2	81.5	81.6	81.6	81.8	81.9	81.9	82.1	82.1	82.1	82.4
≥ 900	71.3	79.8	81.3	82.3	82.9	83.2	83.5	83.6	83.6	83.8	83.9	83.9	84.1	84.1	84.2	84.4
≥ 800	72.7	81.7	83.3	84.4	85.1	85.4	85.7	85.8	85.9	86.0	86.1	86.1	86.3	86.4	86.4	86.7
≥ 700	73.8	83.5	85.3	86.5	87.2	87.5	87.8	87.9	88.0	88.2	88.3	88.3	88.5	88.5	88.6	88.8
≥ 600	74.7	84.9	86.7	88.0	88.7	89.0	89.3	89.5	89.6	89.8	89.9	89.9	90.1	90.2	90.2	90.5
≥ 500	75.3	86.2	88.3	89.8	90.8	91.1	91.6	91.8	91.9	92.1	92.2	92.2	92.4	92.5	92.5	92.8
≥ 400	75.8	87.2	89.8	91.4	92.6	92.9	93.5	93.7	93.9	94.2	94.3	94.3	94.5	94.6	94.6	94.9
≥ 300	76.0	87.8	90.6	92.5	93.9	94.3	95.2	95.4	95.6	96.0	96.2	96.2	96.5	96.5	96.6	96.9
≥ 200	76.1	88.1	91.0	92.9	94.4	94.9	95.9	96.3	96.4	97.0	97.3	97.3	97.7	97.8	97.8	98.2
≥ 100	76.1	88.1	91.0	93.0	94.6	95.0	96.2	96.5	96.7	97.4	97.9	97.9	98.3	98.4	98.7	99.2
≥ 0	76.1	88.1	91.0	93.0	94.6	95.0	96.2	96.5	96.7	97.4	97.9	97.9	98.3	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3425

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

MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.0	42.7	44.1	44.8	45.5	45.7	46.2	46.5	46.6	46.8	46.8	46.8	47.0	47.1	47.3	47.7
≥ 20000	40.8	46.0	47.6	48.6	49.2	49.4	50.0	50.2	50.3	50.5	50.6	50.6	50.8	50.8	51.1	51.4
≥ 18000	40.9	46.2	47.8	48.7	49.4	49.6	50.2	50.4	50.5	50.7	50.7	50.7	50.9	51.0	51.2	51.6
≥ 16000	41.1	46.6	48.1	49.1	49.8	50.0	50.5	50.8	50.9	51.1	51.1	51.1	51.3	51.4	51.6	52.0
≥ 14000	41.5	47.3	48.9	49.9	50.5	50.7	51.3	51.6	51.6	51.9	51.9	51.9	52.1	52.1	52.4	52.8
≥ 12000	42.8	48.7	50.3	51.3	52.0	52.2	52.8	53.0	53.1	53.3	53.4	53.4	53.6	53.6	53.9	54.2
≥ 10000	43.5	49.5	51.2	52.2	52.8	53.1	53.7	53.9	54.0	54.2	54.3	54.3	54.5	54.6	54.8	55.2
≥ 9000	43.9	50.0	51.7	52.7	53.4	53.6	54.2	54.5	54.5	54.7	54.9	54.9	55.1	55.1	55.4	55.8
≥ 8000	44.5	50.7	52.4	53.4	54.0	54.2	54.9	55.1	55.2	55.4	55.5	55.5	55.7	55.8	56.0	56.5
≥ 7000	45.2	51.4	53.1	54.2	54.9	55.1	55.7	55.9	56.0	56.2	56.4	56.4	56.6	56.6	56.8	57.3
≥ 6000	46.1	52.6	54.3	55.4	56.2	56.4	57.1	57.3	57.4	57.6	57.8	57.8	58.0	58.0	58.2	58.7
≥ 5000	47.1	53.9	55.7	56.9	57.7	58.0	58.6	58.8	58.9	59.2	59.3	59.3	59.5	59.5	59.8	60.2
≥ 4500	47.4	54.3	56.1	57.3	58.2	58.4	59.0	59.3	59.4	59.6	59.8	59.8	60.0	60.0	60.3	60.7
≥ 4000	48.3	55.2	57.0	58.3	59.2	59.4	60.0	60.3	60.4	60.6	60.8	60.8	61.0	61.0	61.3	61.7
≥ 3500	49.4	56.4	58.2	59.5	60.4	60.6	61.2	61.5	61.6	61.9	62.0	62.0	62.2	62.3	62.5	63.0
≥ 3000	50.2	57.3	59.2	60.5	61.5	61.7	62.3	62.6	62.7	63.0	63.1	63.2	63.4	63.4	63.6	64.1
≥ 2500	51.5	59.0	61.0	62.4	63.4	63.6	64.3	64.6	64.7	65.0	65.1	65.1	65.3	65.4	65.6	66.1
2000	52.8	60.7	62.8	64.3	65.3	65.5	66.3	66.7	66.8	67.1	67.2	67.3	67.5	67.5	67.8	68.2
≥ 1800	53.6	61.5	63.7	65.2	66.3	66.6	67.3	67.6	67.8	68.1	68.2	68.3	68.5	68.5	68.8	69.2
≥ 1500	55.0	63.8	66.0	67.6	68.7	69.1	69.9	70.3	70.4	70.7	70.8	70.9	71.1	71.2	71.4	71.9
≥ 1200	57.4	67.0	69.4	71.3	72.5	73.0	73.9	74.3	74.5	74.8	74.9	75.0	75.2	75.3	75.5	76.0
≥ 1000	59.1	69.1	71.7	73.8	75.0	75.6	76.5	77.0	77.1	77.5	77.7	77.7	78.0	78.0	78.3	78.8
≥ 900	60.1	70.9	73.6	75.8	77.1	77.7	78.7	79.2	79.3	79.8	79.9	79.9	80.2	80.2	80.5	81.0
≥ 800	61.5	73.2	76.1	78.5	80.0	80.6	81.6	82.2	82.3	82.8	82.9	82.9	83.2	83.2	83.6	84.1
≥ 700	62.3	74.7	77.8	80.3	81.8	82.5	83.6	84.1	84.3	84.8	84.9	85.0	85.2	85.3	85.6	86.1
≥ 600	62.9	76.1	79.4	82.2	84.1	84.8	86.0	86.5	86.8	87.3	87.5	87.6	87.9	87.9	88.2	88.7
≥ 500	63.4	77.3	81.1	84.3	86.5	87.4	88.6	89.4	89.5	90.2	90.4	90.5	90.9	90.9	91.3	91.8
≥ 400	63.6	77.9	82.0	85.5	86.0	89.1	90.5	91.4	91.5	92.3	92.6	92.7	93.1	93.2	93.5	94.1
≥ 300	63.8	78.4	82.7	86.3	88.9	90.0	91.8	93.0	93.1	94.3	94.6	94.7	95.2	95.4	95.7	96.4
≥ 200	63.8	78.5	82.8	86.5	89.3	90.5	92.3	93.6	93.8	95.1	95.6	95.7	96.4	96.6	97.1	97.9
≥ 100	63.8	78.5	82.8	86.5	89.3	90.5	92.4	93.8	94.0	95.4	95.9	96.0	96.9	97.2	98.0	99.1
≥ 0	63.8	78.5	82.8	86.5	89.3	90.5	92.4	93.8	94.0	95.4	95.9	96.1	97.0	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3425

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

SPEEDIFORM® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.6	49.3	49.7	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	50.2	54.5	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
< 20000 ≥ 18000	50.6	54.8	55.4	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8
< 18000 ≥ 16000	50.9	55.1	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1
< 16000 ≥ 14000	51.7	56.0	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
< 14000 ≥ 12000	53.1	57.5	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
< 12000 ≥ 10000	54.2	58.8	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8
< 10000 ≥ 9000	54.8	59.4	60.0	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5
< 9000 ≥ 8000	55.6	60.3	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
< 8000 ≥ 7000	56.3	61.1	61.7	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
< 7000 ≥ 6000	56.8	61.7	62.4	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9
< 6000 ≥ 5000	57.5	62.7	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.8	63.8	63.9	63.9
< 5000 ≥ 4500	58.0	63.2	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
< 4500 ≥ 4000	59.3	64.8	65.6	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
< 4000 ≥ 3500	60.4	65.9	66.8	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4
< 3500 ≥ 3000	62.6	68.1	68.9	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7
< 3000 ≥ 2500	65.4	71.2	72.3	72.7	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
< 2500 ≥ 2000	69.5	75.8	77.0	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9
< 2000 ≥ 1800	71.3	77.8	79.0	79.5	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0
< 1800 ≥ 1500	75.2	82.3	83.7	84.3	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8
< 1500 ≥ 1200	78.2	86.3	87.8	88.4	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1
< 1200 ≥ 1000	80.2	89.1	90.8	91.5	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
< 1000 ≥ 900	80.8	90.1	91.8	92.7	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
< 900 ≥ 800	81.5	91.4	93.3	94.2	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
< 800 ≥ 700	81.7	92.0	94.0	95.0	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1
< 700 ≥ 600	81.9	92.4	94.6	95.7	96.4	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1
< 600 ≥ 500	82.1	92.7	95.1	96.2	97.0	97.2	97.4	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2
< 500 ≥ 400	82.2	92.9	95.3	96.6	97.5	97.7	98.0	98.2	98.4	98.7	98.9	99.0	99.0	99.0	99.1	99.1
< 400 ≥ 300	82.2	93.1	95.4	96.7	97.7	97.9	98.2	98.6	98.8	99.3	99.5	99.6	99.7	99.7	99.7	99.7
< 300 ≥ 200	82.2	93.1	95.4	96.7	97.7	97.9	98.2	98.6	98.9	99.3	99.6	99.6	99.8	99.8	99.8	99.8
< 200 ≥ 100	82.2	93.1	95.4	96.7	97.7	97.9	98.2	98.6	98.9	99.3	99.6	99.6	99.8	99.8	99.9	100.0
< 100 ≥ 0	82.2	93.1	95.4	96.7	97.7	97.9	98.2	98.6	98.9	99.3	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3426

USAF ETAC FORM 201 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (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	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.6	56.9	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
≥ 20000	61.7	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	62.2	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	62.2	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	63.2	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	64.7	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	65.9	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	66.5	68.4	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
≥ 8000	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	69.5	69.5
≥ 7000	68.1	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 6000	68.9	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 5000	70.5	72.9	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	72.0	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	74.7	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	78.0	80.8	81.3	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
≥ 3000	82.0	84.9	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	85.4	88.6	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	88.9	92.4	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	89.7	93.4	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	91.0	95.1	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	91.8	96.1	96.9	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
≥ 1000	92.1	96.6	97.5	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
≥ 900	92.2	96.7	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	92.3	96.9	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	92.3	97.0	97.9	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	92.5	97.1	98.1	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	92.5	97.2	98.2	98.7	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	92.5	97.3	98.3	98.8	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	92.5	97.3	98.4	98.9	99.2	99.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	92.5	97.3	98.4	98.9	99.2	99.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	92.5	97.3	98.4	98.9	99.2	99.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	92.5	97.3	98.4	98.9	99.2	99.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3421

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

SPEEDIFOLD® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	70.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 18000	71.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000	71.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	72.9	74.1	74.1	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
≥ 12000	74.7	75.9	75.9	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
≥ 10000	76.3	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	76.9	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	78.2	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	79.1	80.7	80.9	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
≥ 6000	80.0	81.8	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	82.3	84.3	84.5	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	83.4	85.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	85.6	87.7	88.0	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
≥ 3500	87.3	89.6	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	89.4	91.9	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
≥ 2500	91.1	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 2000	92.2	95.0	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	92.4	95.2	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	93.0	95.8	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	93.4	96.3	96.8	97.1	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1000	93.6	96.7	97.2	97.6	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	93.7	96.8	97.3	97.7	97.9	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 800	93.9	97.1	97.7	98.1	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	94.0	97.1	97.8	98.3	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	94.1	97.2	97.9	98.4	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	94.2	97.4	98.0	98.6	98.9	98.9	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 400	94.2	97.4	98.0	98.7	99.0	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 300	94.2	97.4	98.0	98.7	99.0	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	94.2	97.4	98.0	98.7	99.0	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	94.2	97.4	98.0	98.7	99.0	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0
0	94.2	97.4	98.0	98.7	99.0	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3402

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

SPECIFIED BY MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	71.1	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	77.4	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	77.5	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	77.9	79.6	79.7	79.8	79.8	79.8	79.8	79.9	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	78.9	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	79.9	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	81.1	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	81.6	83.5	83.6	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
≥ 8000	82.4	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	82.9	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	83.6	85.8	86.0	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
≥ 5000	85.5	87.9	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	86.2	88.6	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	89.1
≥ 4000	87.3	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	88.4	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	89.4	92.2	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	90.3	93.2	93.5	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	91.5	94.6	94.9	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	91.6	94.8	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	92.3	95.5	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	93.0	96.3	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	93.6	97.1	97.5	97.8	97.9	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	93.7	97.2	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	93.7	97.2	97.6	99.0	98.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 700	93.8	97.3	97.7	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	93.8	97.5	97.9	98.4	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	93.9	97.6	98.1	98.6	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	93.9	97.7	98.2	98.7	98.9	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	94.0	97.8	98.2	98.8	99.0	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 200	94.0	97.8	98.3	98.8	99.1	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	94.0	97.8	98.3	98.8	99.1	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 0	94.0	97.8	98.3	98.8	99.1	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3425

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

DATA PROCESSING PROGRAM
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 68-74 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.0	71.8	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
≥ 20000	73.3	75.4	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	75.6
≥ 18000	73.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 16000	73.9	76.0	76.1	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
≥ 14000	74.7	76.8	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	77.0
≥ 12000	75.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	76.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	76.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	77.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	78.2	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	78.7	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	80.0	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	80.5	83.0	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000	81.4	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	82.1	84.9	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	83.2	86.1	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	83.7	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	85.2	88.4	88.6	88.8	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	85.8	89.1	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	87.4	90.8	90.9	91.2	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	89.5	93.2	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	91.1	95.1	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	91.4	95.5	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	92.0	96.2	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	92.4	96.7	97.1	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
≥ 600	92.6	97.1	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	92.8	97.5	98.0	98.3	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	92.9	97.7	98.3	98.7	98.8	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	93.0	97.9	98.4	98.8	99.0	99.1	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	93.1	98.0	98.5	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 100	93.1	98.0	98.5	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 0	93.1	98.0	98.5	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3433

SPEEDOLOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.3	54.9	55.5	55.7	56.0	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≤ 20000	55.4	57.3	57.9	58.2	58.4	58.4	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	55.6	57.6	58.1	58.4	58.6	58.6	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	55.9	57.9	58.5	58.7	59.0	59.0	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 14000	56.3	58.3	58.9	59.1	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 12000	57.0	59.0	59.5	59.8	60.1	60.1	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5
≥ 10000	57.9	60.0	60.6	60.8	61.1	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	58.1	60.2	60.8	61.0	61.3	61.3	61.4	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	58.6	60.7	61.3	61.6	61.9	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3
≥ 7000	59.7	61.8	62.4	62.7	63.0	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 6000	60.5	62.7	63.3	63.5	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	62.2	64.7	65.3	65.6	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 4500	63.3	65.8	66.5	66.8	67.1	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 4000	64.4	67.0	67.7	67.9	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7
≥ 3500	65.5	68.2	68.9	69.2	69.5	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 3000	66.6	69.7	70.5	70.8	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	67.9	71.3	72.1	72.4	72.8	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2000	69.7	73.4	74.1	74.5	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 1800	70.3	74.0	74.8	75.1	75.5	75.5	75.7	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0
≥ 1500	72.2	76.2	77.0	77.4	77.9	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1200	75.7	80.3	81.3	81.7	82.2	82.2	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 1000	77.3	82.7	83.7	84.3	84.8	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 900	78.3	84.0	85.2	85.7	86.3	86.3	86.5	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 800	79.6	85.6	87.0	87.6	88.3	88.3	88.5	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 700	80.2	86.5	88.0	88.7	89.4	89.4	89.8	90.0	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3
≥ 600	80.9	87.8	89.3	90.2	91.0	91.0	91.4	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	81.5	88.8	90.5	91.5	92.6	92.7	93.2	93.5	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 400	82.0	89.5	91.3	92.5	93.8	94.0	94.6	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3
≥ 300	82.1	90.0	91.9	93.2	94.7	95.0	95.7	96.0	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.8
≥ 200	82.1	90.0	92.0	93.5	95.1	95.4	96.3	96.8	96.9	97.3	97.6	97.7	97.8	97.8	97.8	97.9
≥ 100	82.1	90.0	92.0	93.6	95.2	95.5	96.4	97.0	97.1	97.7	98.0	98.1	98.3	98.3	98.4	98.8
≥ 0	82.1	90.0	92.0	93.6	95.2	95.5	96.5	97.1	97.2	97.8	98.1	98.2	98.4	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3315

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.3	49.1	49.6	49.8	50.0	50.1	50.3	50.4	50.4	50.7	50.8	50.8	50.8	50.8	51.0	51.1
≥ 20000	49.3	51.2	51.8	51.9	52.1	52.3	52.5	52.6	52.6	52.9	53.0	53.0	53.0	53.0	53.2	53.4
≥ 18000	49.4	51.3	51.9	52.1	52.3	52.4	52.7	52.7	52.7	53.0	53.1	53.1	53.1	53.1	53.3	53.5
≥ 16000	49.7	51.6	52.1	52.3	52.5	52.7	52.9	53.0	53.0	53.3	53.4	53.4	53.4	53.4	53.6	53.7
≥ 14000	50.0	51.9	52.4	52.6	52.8	53.0	53.2	53.3	53.3	53.6	53.7	53.7	53.7	53.7	53.9	54.0
≥ 12000	50.7	52.7	53.2	53.4	53.6	53.7	54.0	54.0	54.1	54.4	54.4	54.4	54.4	54.5	54.6	54.8
≥ 10000	51.3	53.4	54.0	54.1	54.3	54.5	54.7	54.8	54.8	55.1	55.2	55.2	55.2	55.2	55.4	55.6
≥ 9000	51.5	53.6	54.1	54.3	54.5	54.6	54.9	55.0	55.0	55.3	55.3	55.3	55.3	55.4	55.6	55.7
≥ 8000	52.2	54.4	54.9	55.1	55.3	55.4	55.7	55.8	55.8	56.1	56.1	56.1	56.1	56.2	56.3	56.5
≥ 7000	53.0	55.2	55.8	55.9	56.2	56.3	56.6	56.6	56.6	56.9	57.0	57.0	57.0	57.0	57.2	57.4
≥ 6000	53.6	55.9	56.5	56.6	56.9	57.0	57.2	57.3	57.3	57.6	57.7	57.7	57.7	57.7	57.9	58.1
≥ 5000	55.0	57.4	58.1	58.3	58.6	58.7	59.0	59.0	59.1	59.4	59.4	59.4	59.4	59.5	59.6	59.8
≥ 4500	56.2	58.8	59.5	59.8	60.0	60.1	60.4	60.5	60.5	60.8	60.8	60.8	60.8	60.9	61.1	61.2
≥ 4000	57.2	59.8	60.5	60.9	61.1	61.3	61.5	61.6	61.6	61.9	62.0	62.0	62.0	62.0	62.2	62.3
≥ 3500	58.2	61.0	61.8	62.1	62.4	62.5	62.8	62.8	62.9	63.2	63.2	63.2	63.2	63.3	63.4	63.6
≥ 3000	60.0	63.0	63.8	64.3	64.5	64.6	64.9	65.0	65.0	65.3	65.3	65.3	65.3	65.4	65.5	65.7
≥ 2500	61.4	64.8	65.7	66.2	66.5	66.6	66.8	66.9	66.9	67.2	67.3	67.3	67.3	67.3	67.5	67.7
≥ 2000	63.1	67.1	68.1	68.6	68.9	69.0	69.3	69.4	69.4	69.7	69.7	69.7	69.7	69.8	70.0	70.1
≥ 1800	63.9	68.1	69.2	69.7	70.0	70.1	70.4	70.4	70.5	70.8	70.8	70.8	70.8	70.9	71.0	71.2
≥ 1500	65.5	70.2	71.3	71.9	72.2	72.3	72.7	72.8	72.8	73.2	73.2	73.2	73.2	73.3	73.5	73.6
≥ 1200	68.8	74.3	75.7	76.4	76.8	76.9	77.4	77.4	77.4	77.8	77.8	77.8	77.9	78.0	78.1	78.3
≥ 1000	70.4	76.7	78.2	78.9	79.4	79.5	80.0	80.1	80.1	80.5	80.5	80.5	80.6	80.6	80.8	81.0
≥ 900	71.5	78.5	80.0	80.7	81.3	81.4	81.9	82.0	82.0	82.4	82.4	82.4	82.5	82.5	82.7	82.9
≥ 800	72.3	79.8	81.5	82.3	82.9	83.0	83.7	83.8	83.8	84.2	84.2	84.2	84.3	84.3	84.5	84.7
≥ 700	73.2	81.3	83.1	84.1	84.8	85.0	85.7	85.8	85.8	86.2	86.2	86.2	86.3	86.4	86.6	86.7
≥ 600	73.8	82.6	84.6	85.7	86.6	86.7	87.5	87.6	87.6	88.0	88.0	88.0	88.1	88.2	88.4	88.6
≥ 500	74.5	83.5	85.8	87.1	88.0	88.3	89.1	89.3	89.3	89.8	89.9	89.9	89.9	90.0	90.2	90.4
≥ 400	74.7	84.4	87.0	88.7	89.9	90.3	91.3	91.5	91.6	92.1	92.1	92.1	92.2	92.3	92.5	92.7
≥ 300	74.9	84.7	87.5	89.4	91.0	91.4	92.7	93.1	93.2	93.8	93.9	93.9	94.0	94.1	94.3	94.5
≥ 200	74.9	84.8	87.8	89.7	91.6	92.0	93.7	94.2	94.4	95.1	95.3	95.3	95.5	95.7	96.0	96.3
≥ 100	74.9	84.8	87.9	89.8	91.7	92.1	93.8	94.4	94.5	95.4	95.8	95.8	96.3	96.6	97.3	98.1
0	74.9	84.8	87.9	89.8	91.7	92.1	93.8	94.4	94.6	95.5	95.9	95.9	96.5	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3312

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

SPEEDFLOW® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.4	41.5	42.4	42.7	43.0	43.1	43.2	43.2	43.2	43.4	43.6	43.6	43.7	43.7	43.8	44.1
≥ 20000	42.8	45.3	46.3	46.8	47.1	47.2	47.4	47.4	47.4	47.5	47.8	47.8	47.9	47.9	48.1	48.4
≥ 18000	43.1	45.5	46.5	47.1	47.4	47.5	47.6	47.7	47.7	47.8	48.0	48.1	48.1	48.2	48.4	48.7
≥ 16000	43.3	45.8	46.8	47.3	47.6	47.7	47.9	47.9	47.9	48.1	48.3	48.3	4[illegible]	48.4	48.6	48.9
≥ 14000	43.7	46.3	47.3	47.8	48.1	48.2	48.4	48.4	48.4	48.6	48.8	48.8	48.9	49.0	49.1	49.4
≥ 12000	44.5	47.2	48.2	48.7	49.1	49.1	49.3	49.3	49.3	49.5	49.7	49.7	49.8	49.9	50.1	50.4
≥ 10000	45.5	48.2	49.2	49.8	50.1	50.2	50.4	50.4	50.4	50.6	50.8	50.8	50.9	51.0	51.2	51.5
≥ 9000	45.9	48.6	49.7	50.2	50.5	50.6	50.8	50.8	50.8	51.0	51.2	51.2	51.3	51.4	51.6	51.9
≥ 8000	46.8	49.6	50.6	51.2	51.6	51.7	51.9	51.9	51.9	52.0	52.2	52.3	52.4	52.5	52.6	53.0
≥ 7000	47.8	50.6	51.7	52.2	52.6	52.7	52.9	52.9	52.9	53.1	53.3	53.3	53.4	53.5	53.7	54.0
≥ 6000	48.9	51.8	52.9	53.5	53.9	54.0	54.2	54.2	54.2	54.4	54.6	54.6	54.7	54.8	55.0	55.3
≥ 5000	50.1	53.2	54.5	55.[illegible]	55.6	55.7	55.9	55.9	55.9	56.1	56.3	56.3	56.4	56.5	56.7	57.0
≥ 4500	51.1	54.5	55.9	56.7	57.1	57.2	57.4	57.4	57.4	57.6	57.8	57.8	57.9	58.0	58.2	58.6
≥ 4000	52.1	55.6	57.1	58.0	58.4	58.5	58.7	58.7	58.7	58.9	59.1	59.1	59.3	59.4	59.5	59.9
≥ 3500	53.2	56.9	58.5	59.4	59.8	59.9	60.1	60.2	60.2	60.4	60.6	60.6	60.7	60.8	61.0	61.4
≥ 3000	54.7	58.8	60.4	61.4	61.9	62.0	62.2	62.2	62.3	62.5	62.7	62.7	62.9	62.9	63.1	63.5
≥ 2500	56.5	61.2	62.9	64.1	64.6	64.7	65.0	65.1	65.1	65.3	65.5	65.5	65.7	65.8	66.0	66.3
≥ 2000	58.8	64.2	66.0	67.1	67.8	67.9	68.2	68.3	68.3	68.6	68.8	68.8	69.0	69.1	69.3	69.7
≥ 1800	59.4	64.8	66.7	67.9	68.6	68.7	69.1	69.1	69.2	69.4	69.6	69.6	69.9	70.0	70.2	70.5
≥ 1500	61.1	67.2	69.2	70.4	71.2	71.4	71.8	71.8	71.9	72.1	72.4	72.4	72.6	72.7	72.9	73.3
≥ 1200	63.4	70.1	72.1	73.5	74.5	74.7	75.2	75.3	75.3	75.6	75.8	75.9	76.1	76.2	76.4	76.8
≥ 1000	64.6	72.0	74.3	75.9	77.0	77.2	77.7	77.9	78.0	78.2	78.5	78.5	78.8	78.9	79.1	79.5
≥ 900	65.4	73.3	75.9	77.5	78.8	79.0	79.6	79.7	79.8	80.1	80.4	80.4	80.7	80.8	81.0	81.4
≥ 800	66.3	74.8	77.6	79.5	80.8	81.1	81.8	81.9	82.1	82.4	82.7	82.7	83.1	83.2	83.4	83.8
≥ 700	66.9	76.0	79.0	81.2	82.7	82.9	83.7	83.9	84.0	84.3	84.6	84.6	85.0	85.1	85.3	85.8
≥ 600	67.1	77.1	80.3	82.7	84.5	84.7	85.6	85.9	86.0	86.3	86.6	86.6	87.0	87.2	87.4	87.8
≥ 500	67.5	77.8	81.2	83.8	85.8	86.1	87.1	87.5	87.6	88.0	88.3	88.4	88.8	88.9	89.1	89.6
≥ 400	67.7	78.3	82.0	84.9	87.2	87.7	88.9	89.5	89.7	90.3	90.7	90.7	91.2	91.3	91.6	92.0
≥ 300	67.8	78.7	82.4	85.3	87.9	88.4	89.9	90.7	91.0	92.0	92.5	92.5	93.2	93.3	93.6	94.2
≥ 200	67.8	78.7	82.5	85.5	88.2	88.6	90.3	91.1	91.5	92.7	93.4	93.4	94.4	94.6	95.1	95.8
≥ 100	67.8	78.7	82.5	85.5	88.2	88.6	90.3	91.1	91.6	92.9	93.7	93.8	95.1	95.5	96.7	98.1
≥ 0	67.8	78.7	82.5	85.5	88.2	88.6	90.3	91.1	91.6	93.0	93.8	93.9	95.3	95.7	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3317

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 48-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.8	44.5	44.6	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9
≥ 20000	48.0	50.0	50.3	50.3	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	48.3	50.3	50.6	50.6	50.7	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	48.8	50.8	51.1	51.1	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 14000	49.2	51.2	51.5	51.6	51.6	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9
≥ 12000	50.1	52.2	52.5	52.6	52.7	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000	51.1	53.3	53.6	53.6	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 9000	51.5	53.7	54.0	54.1	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 8000	52.4	54.7	55.0	55.1	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 7000	53.8	56.0	56.4	56.5	56.6	56.6	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 6000	54.6	57.0	57.4	57.5	57.6	57.6	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 5000	56.0	58.7	59.1	59.3	59.4	59.4	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4500	57.0	60.0	60.4	60.6	60.7	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4000	58.2	61.4	61.9	62.1	62.3	62.3	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 3500	59.5	62.6	63.2	63.4	63.6	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3000	61.7	65.1	65.7	66.1	66.3	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
≥ 2500	63.7	67.7	68.3	68.6	68.9	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 2000	66.3	71.1	71.9	72.4	72.8	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1800	67.7	72.8	73.7	74.1	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 1500	70.1	75.9	76.7	77.3	77.8	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1200	72.7	79.3	80.3	81.1	81.8	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 1000	74.4	82.0	83.4	84.3	85.0	85.0	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 900	75.0	83.0	84.4	85.5	86.3	86.3	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	76.0	84.5	86.(	87.3	88.3	88.4	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700	76.5	85.8	87.4	88.8	89.9	90.0	90.5	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 600	77.0	86.6	88.4	89.9	91.3	91.5	92.0	92.4	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 500	77.2	87.2	89.2	91.1	92.7	93.0	93.7	94.2	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8
≥ 400	77.3	87.4	89.5	91.6	93.5	93.9	94.9	95.6	95.7	96.3	96.4	96.4	96.5	96.5	96.6	96.6
≥ 300	77.3	87.5	89.7	91.9	94.0	94.4	95.5	96.4	96.7	97.5	97.9	97.9	98.1	98.2	98.3	98.3
≥ 200	77.3	87.5	89.7	91.9	94.1	94.5	95.6	96.5	96.8	97.8	98.3	98.3	98.6	98.9	99.2	99.3
≥ 100	77.3	87.5	89.7	91.9	94.1	94.5	95.6	96.5	96.9	97.8	98.3	98.4	98.8	99.1	99.7	99.8
0	77.3	87.5	89.7	91.9	94.1	94.5	95.6	96.5	96.9	97.8	98.3	98.4	98.8	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3317

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

SPEEDISET® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (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	50.8	51.3	51.4	51.5	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	57.0	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	57.3	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 16000	57.8	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	58.4	58.9	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	59.0	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	60.1	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	60.7	61.5	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	61.6	62.5	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 7000	62.5	63.5	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	63.5	64.5	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	65.8	67.1	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	67.2	68.6	68.7	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
≥ 4000	68.9	70.5	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3500	70.8	72.5	72.6	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	73.9	75.8	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2500	78.0	80.3	80.6	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	81.6	84.3	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	83.2	86.1	86.5	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	84.7	88.1	88.5	88.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	86.8	90.8	91.2	91.6	91.9	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	87.4	91.8	92.4	93.0	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	87.6	92.2	92.8	93.4	93.8	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	88.0	93.0	93.8	94.4	94.8	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	88.2	93.5	94.3	94.9	95.4	95.5	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	88.3	93.8	94.8	95.5	96.1	96.1	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	88.4	94.0	94.9	95.9	96.5	96.7	97.6	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	88.4	94.0	94.9	96.0	96.8	97.0	98.0	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	88.4	94.0	94.9	96.0	96.8	97.1	98.1	98.7	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	88.4	94.0	94.9	96.0	96.8	97.1	98.2	98.8	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	88.4	94.0	94.9	96.0	96.8	97.1	98.2	98.8	98.9	99.4	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	88.4	94.0	94.9	96.0	96.8	97.1	98.2	98.8	98.9	99.4	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3317

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

SPEEDFLO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.6	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	64.5	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	64.9	65.8	65.9	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
≥ 16000	65.3	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	66.1	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	67.4	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	68.6	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	69.1	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	69.9	71.1	71.2	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	71.3	72.7	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 6000	72.4	73.9	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	74.5	76.0	76.2	76.3	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	76.1	77.7	77.9	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000	78.1	80.1	80.3	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	79.8	82.0	82.2	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	82.2	84.7	84.9	85.1	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	84.7	87.7	88.0	88.2	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	86.6	89.8	90.1	90.4	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	86.9	90.3	90.6	90.9	91.3	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	87.8	91.5	91.9	92.2	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	88.7	92.7	93.3	93.7	94.2	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	89.3	93.6	94.2	94.7	95.2	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	89.5	93.8	94.5	95.0	95.6	95.7	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	89.6	94.1	94.8	95.2	95.9	96.1	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	89.7	94.3	95.1	95.6	96.3	96.5	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	89.8	94.5	95.4	95.9	96.8	97.0	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	89.8	94.7	95.5	96.2	97.2	97.4	97.9	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	89.8	94.7	95.6	96.3	97.4	97.6	98.2	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2
≥ 300	89.8	94.7	95.6	96.3	97.4	97.6	98.3	98.9	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	89.8	94.7	95.6	96.3	97.4	97.7	98.4	99.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	89.8	94.7	95.6	96.3	97.4	97.7	98.4	99.0	99.0	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	89.8	94.7	95.6	96.3	97.4	97.7	98.4	99.0	99.0	99.5	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3317

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

SPEEDILOG® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.4	61.1	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	67.6	68.5	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 18000	68.0	69.0	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	68.4	69.4	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	69.0	70.0	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	69.9	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	71.0	72.1	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 9000	71.4	72.6	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	71.9	73.2	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	72.6	74.0	74.2	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	73.6	75.1	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	75.6	77.4	77.6	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	76.8	78.7	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	78.7	80.8	81.1	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	80.6	83.2	83.4	83.5	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	82.0	84.8	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	83.8	86.9	87.2	87.4	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	85.7	89.1	89.6	89.7	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	86.1	89.8	90.2	90.3	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	87.2	91.2	91.8	91.9	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	88.2	92.6	93.3	93.5	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	88.7	93.4	94.1	94.5	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	88.8	93.5	94.4	94.7	95.1	95.1	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	89.0	93.9	94.8	95.3	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	89.2	94.2	95.1	95.8	96.2	96.2	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	89.3	94.4	95.4	96.1	96.5	96.5	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	89.3	94.4	95.4	96.3	96.9	96.9	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	89.3	94.5	95.5	96.5	97.2	97.2	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	89.3	94.6	95.7	96.7	97.4	97.5	98.4	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	89.3	94.6	95.7	96.8	97.4	97.6	98.5	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	89.3	94.6	95.7	96.8	97.4	97.6	98.5	99.0	99.0	99.3	99.5	99.5	99.5	99.5	99.6	99.6
≥ 0	89.3	94.6	95.7	96.8	97.4	97.6	98.5	99.0	99.0	99.3	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3314

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

SPEEDFORM® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.1	60.8	61.2	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	64.2	65.2	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥ 18000	64.5	65.5	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	64.8	65.9	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	65.2	66.3	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 12000	66.1	67.1	67.5	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9
≥ 10000	66.7	67.8	68.3	68.3	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
≥ 9000	67.0	68.2	68.6	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 8000	67.7	69.0	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 7000	69.0	70.3	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000	69.9	71.3	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.3
≥ 5000	71.6	73.3	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	72.3	74.2	74.6	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	73.3	75.3	75.8	75.9	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3500	74.6	76.8	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9
≥ 3000	76.2	78.5	79.0	79.2	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6
≥ 2500	78.0	80.5	81.0	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 2000	79.6	82.3	82.8	83.0	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 1800	80.4	83.1	83.7	83.9	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	81.8	84.8	85.4	85.7	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
≥ 1200	84.1	87.9	88.5	88.9	89.2	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	86.0	90.2	90.9	91.3	91.6	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1
≥ 900	86.9	91.5	92.2	92.8	93.1	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 800	87.4	92.2	93.0	93.6	94.0	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	87.7	93.1	94.0	94.7	95.2	95.2	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	88.0	93.6	94.5	95.3	95.8	95.9	96.3	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.7	96.7
≥ 500	88.1	93.8	94.9	95.7	96.4	96.5	97.1	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 400	88.2	94.0	95.0	96.1	96.8	97.0	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 300	88.2	94.1	95.2	96.3	97.1	97.2	98.0	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	88.2	94.1	95.2	96.3	97.3	97.4	98.2	98.5	98.6	98.9	99.1	99.1	99.1	99.1	99.2	99.2
≥ 100	88.2	94.1	95.2	96.3	97.3	97.4	98.2	98.5	98.6	99.0	99.2	99.2	99.4	99.4	99.5	99.5
≥ 0	88.2	94.1	95.2	96.3	97.3	97.4	98.2	98.5	98.6	99.0	99.2	99.2	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3320

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

SPEEDALOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.8	51.4	51.5	51.9	52.2	52.3	52.4	52.4	52.4	52.7	52.8	52.8	52.9	52.9	53.0	53.3
≥ 20000	53.1	54.9	55.1	55.6	55.8	55.9	56.1	56.1	56.1	56.3	56.4	56.4	56.5	56.5	56.6	56.9
≥ 18000	53.1	54.9	55.2	55.6	55.9	55.9	56.1	56.1	56.1	56.3	56.5	56.5	56.6	56.6	56.7	57.0
≥ 16000	53.4	55.2	55.5	55.9	56.2	56.3	56.4	56.4	56.4	56.7	56.8	56.8	56.9	56.9	57.0	57.3
≥ 14000	54.2	56.0	56.3	56.7	57.0	57.1	57.3	57.3	57.3	57.5	57.6	57.6	57.7	57.7	57.8	58.2
≥ 12000	54.9	56.8	57.0	57.5	57.8	57.8	58.0	58.0	58.0	58.2	58.4	58.4	58.5	58.5	58.6	58.9
≥ 10000	55.6	57.5	57.9	58.3	58.7	58.7	58.9	58.9	58.9	59.1	59.2	59.2	59.4	59.4	59.5	59.8
≥ 9000	55.9	57.8	58.2	58.7	59.0	59.0	59.2	59.2	59.2	59.4	59.6	59.6	59.7	59.7	59.8	60.1
≥ 8000	56.3	58.4	58.8	59.2	59.6	59.6	59.8	59.8	59.8	60.0	60.1	60.1	60.3	60.3	60.4	60.7
≥ 7000	57.3	59.5	59.9	60.3	60.6	60.7	60.9	60.9	60.9	61.1	61.2	61.2	61.4	61.4	61.5	61.8
≥ 6000	58.2	60.4	60.7	61.2	61.5	61.6	61.8	61.8	61.8	62.0	62.1	62.1	62.3	62.3	62.4	62.7
≥ 5000	59.5	61.7	62.1	62.7	63.0	63.0	63.2	63.2	63.2	63.5	63.6	63.6	63.7	63.7	63.8	64.2
≥ 4500	60.5	62.7	63.1	63.7	64.0	64.1	64.2	64.2	64.2	64.5	64.6	64.6	64.8	64.8	64.9	65.2
≥ 4000	61.5	64.0	64.4	65.0	65.3	65.4	65.5	65.5	65.5	65.8	65.9	65.9	66.1	66.1	66.1	66.5
≥ 3500	62.7	65.3	65.7	66.3	66.6	66.7	66.8	66.8	66.8	67.1	67.2	67.2	67.4	67.4	67.5	67.8
≥ 3000	64.2	66.9	67.3	67.8	68.2	68.2	68.4	68.4	68.4	68.6	68.7	68.7	68.9	68.9	69.0	69.3
≥ 2500	65.7	68.7	69.1	69.8	70.1	70.1	70.3	70.3	70.3	70.6	70.7	70.7	70.8	70.8	70.9	71.3
≥ 2000	67.7	71.1	71.5	72.2	72.6	72.6	72.8	72.8	72.8	73.0	73.2	73.2	73.3	73.3	73.4	73.7
≥ 1800	68.8	72.1	72.6	73.4	73.7	73.8	74.0	74.0	74.0	74.2	74.3	74.3	74.5	74.5	74.6	74.9
≥ 1500	70.0	73.7	74.2	75.0	75.3	75.4	75.6	75.6	75.6	75.8	75.9	75.9	76.1	76.1	76.2	76.5
≥ 1200	72.1	76.6	77.3	78.2	78.6	78.7	78.9	78.9	78.9	79.1	79.2	79.2	79.4	79.4	79.5	79.8
≥ 1000	73.8	79.1	79.9	80.8	81.3	81.3	81.6	81.6	81.6	81.8	82.0	82.0	82.1	82.1	82.2	82.5
≥ 900	74.6	80.5	81.3	82.3	82.9	82.9	83.2	83.2	83.2	83.4	83.5	83.5	83.7	83.7	83.8	84.1
≥ 800	75.4	81.8	82.7	83.7	84.4	84.5	84.7	84.8	84.8	85.0	85.1	85.1	85.3	85.3	85.4	85.7
≥ 700	76.1	82.9	83.9	85.0	86.0	86.1	86.4	86.4	86.4	86.7	86.8	86.8	87.0	87.0	87.0	87.4
≥ 600	76.8	84.2	85.3	86.4	87.5	87.6	88.0	88.1	88.1	88.3	88.5	88.5	88.7	88.7	88.7	89.1
≥ 500	77.0	85.0	86.2	87.5	88.8	89.0	89.5	89.6	89.6	89.9	90.0	90.0	90.2	90.2	90.3	90.6
≥ 400	77.2	85.4	86.9	88.4	90.0	90.2	90.8	91.0	91.0	91.3	91.4	91.5	91.7	91.7	91.8	92.1
≥ 300	77.2	85.6	87.3	88.9	90.9	91.3	92.2	92.5	92.6	93.1	93.2	93.2	93.5	93.5	93.6	94.0
≥ 200	77.2	85.7	87.3	89.1	91.2	91.6	92.8	93.4	93.6	94.5	94.9	94.9	95.3	95.4	95.5	95.9
≥ 100	77.2	85.7	87.3	89.1	91.2	91.6	92.9	93.5	93.8	94.9	95.4	95.4	96.1	96.2	96.8	97.7
0	77.2	85.7	87.3	89.1	91.2	91.6	92.9	93.5	93.8	94.9	95.4	95.5	96.2	96.3	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3420

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.4	47.3	47.6	47.8	48.2	48.2	48.3	48.4	48.4	48.6	48.6	48.6	48.9	48.9	49.0	49.5
≥ 20000	47.8	49.8	50.4	50.6	51.0	51.0	51.0	51.1	51.1	51.4	51.4	51.4	51.7	51.7	51.7	52.3
≥ 18000	47.9	49.9	50.5	50.7	51.0	51.0	51.1	51.2	51.2	51.5	51.5	51.5	51.8	51.8	51.8	52.4
≥ 16000	48.3	50.3	50.8	51.0	51.4	51.4	51.5	51.6	51.6	51.9	51.9	51.9	52.1	52.1	52.2	52.7
≥ 14000	49.2	51.2	51.7	51.9	52.3	52.3	52.4	52.5	52.5	52.8	52.8	52.8	53.0	53.0	53.1	53.7
≥ 12000	49.8	51.5	52.5	52.7	53.1	53.1	53.2	53.3	53.3	53.6	53.6	53.6	53.8	53.8	53.9	54.5
≥ 10000	50.6	52.9	53.4	53.6	54.0	54.0	54.1	54.2	54.2	54.5	54.5	54.5	54.7	54.7	54.8	55.4
≥ 9000	51.1	53.4	53.9	54.1	54.5	54.5	54.6	54.7	54.7	55.0	55.0	55.0	55.2	55.2	55.3	55.9
≥ 8000	51.5	54.0	54.5	54.8	55.1	55.1	55.2	55.3	55.3	55.6	55.6	55.6	55.8	55.8	55.9	56.5
≥ 7000	52.3	54.8	55.4	55.6	56.0	56.0	56.1	56.2	56.2	56.5	56.5	56.5	56.7	56.7	56.8	57.4
≥ 6000	53.3	55.8	56.4	56.7	57.0	57.0	57.1	57.2	57.2	57.5	57.5	57.5	57.8	57.8	57.8	58.5
≥ 5000	54.3	56.8	57.5	57.8	58.2	58.2	58.3	58.4	58.4	58.7	58.7	58.7	58.9	58.9	59.0	59.6
≥ 4500	55.0	57.6	58.2	58.6	59.0	59.0	59.0	59.1	59.1	59.4	59.4	59.4	59.7	59.7	59.7	60.4
≥ 4000	56.1	58.9	59.6	59.9	60.3	60.3	60.4	60.5	60.5	60.8	60.8	60.8	61.0	61.0	61.1	61.8
≥ 3500	57.0	60.1	60.8	61.2	61.6	61.6	61.7	61.8	61.8	62.1	62.1	62.1	62.3	62.3	62.4	63.1
≥ 3000	58.2	61.5	62.3	62.7	63.2	63.2	63.3	63.4	63.4	63.7	63.7	63.7	64.0	64.0	64.1	64.7
≥ 2500	60.3	63.9	64.6	65.1	65.6	65.6	65.7	65.8	65.9	66.2	66.2	66.2	66.4	66.4	66.5	67.2
≥ 2000	62.4	66.4	67.2	67.7	68.3	68.3	68.4	68.5	68.5	68.8	68.8	68.8	69.1	69.1	69.2	69.9
≥ 1800	63.2	67.3	68.2	68.7	69.2	69.3	69.4	69.5	69.5	69.8	69.8	69.8	70.1	70.1	70.2	70.8
≥ 1500	65.0	69.4	70.3	71.0	71.6	71.6	71.7	71.9	71.9	72.2	72.2	72.2	72.5	72.5	72.6	73.2
≥ 1200	67.4	72.6	73.6	74.3	74.9	74.9	75.0	75.2	75.2	75.5	75.5	75.5	75.8	75.8	75.9	76.5
≥ 1000	68.6	74.5	75.6	76.5	77.2	77.3	77.4	77.6	77.6	77.9	77.9	77.9	78.2	78.2	78.3	79.0
≥ 900	69.4	75.7	76.9	77.8	78.6	78.7	78.8	79.0	79.0	79.3	79.3	79.3	79.6	79.6	79.7	80.3
≥ 800	70.1	76.8	78.3	79.2	80.0	80.1	80.3	80.4	80.5	80.8	80.8	80.8	81.0	81.0	81.2	81.8
≥ 700	70.7	78.0	79.6	80.6	81.6	81.6	81.8	82.0	82.0	82.3	82.3	82.3	82.6	82.6	82.7	83.4
≥ 600	71.4	79.3	81.2	82.4	83.5	83.6	83.9	84.0	84.1	84.4	84.4	84.4	84.7	84.7	84.8	85.4
≥ 500	71.7	80.0	82.0	83.4	84.9	85.0	85.4	85.6	85.7	86.1	86.1	86.1	86.3	86.3	86.4	87.1
≥ 400	71.8	80.4	82.6	84.3	86.0	86.2	86.7	87.0	87.1	87.6	87.6	87.6	87.9	87.9	88.1	88.7
≥ 300	71.9	80.7	83.1	84.9	86.9	87.2	88.1	88.8	89.0	89.7	89.8	89.8	90.3	90.3	90.5	91.3
≥ 200	71.9	80.8	83.2	85.1	87.4	87.8	89.0	90.0	90.2	91.3	91.6	91.6	92.2	92.3	92.7	93.7
≥ 100	71.9	80.8	83.3	85.2	87.6	88.0	89.3	90.2	90.4	91.9	92.4	92.4	93.3	93.4	94.1	96.0
≥ 0	71.9	80.8	83.3	85.2	87.6	88.0	89.3	90.2	90.4	91.9	92.4	92.4	93.4	93.6	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3413

SPEEDFLO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) 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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.6	42.6	43.0	43.2	43.5	43.6	43.7	43.8	43.8	43.9	43.9	43.9	44.0	44.1	44.2	44.6
≥ 20000	43.6	47.0	47.5	47.7	48.1	48.1	48.3	48.4	48.4	48.6	48.6	48.6	48.7	48.8	48.9	49.4
≥ 18000	43.7	47.1	47.6	47.9	48.2	48.2	48.5	48.5	48.5	48.7	48.7	48.7	48.9	48.9	49.0	49.5
≥ 16000	44.1	47.5	48.0	48.3	48.6	48.7	48.9	49.0	49.0	49.2	49.2	49.2	49.3	49.4	49.4	49.9
≥ 14000	44.6	48.1	48.6	48.9	49.2	49.3	49.5	49.6	49.6	49.8	49.8	49.8	49.9	50.0	50.1	50.6
≥ 12000	45.8	49.5	50.0	50.3	50.6	50.7	50.9	51.0	51.0	51.2	51.2	51.2	51.3	51.4	51.5	52.0
≥ 10000	46.8	50.5	51.0	51.3	51.6	51.7	51.9	52.0	52.0	52.2	52.2	52.2	52.4	52.4	52.5	53.0
≥ 9000	47.5	51.3	51.8	52.1	52.4	52.5	52.7	52.8	52.8	53.0	53.0	53.0	53.2	53.2	53.3	53.8
≥ 8000	48.1	52.0	52.5	52.8	53.2	53.2	53.5	53.6	53.6	53.8	53.8	53.8	53.9	54.0	54.1	54.6
≥ 7000	48.8	52.8	53.3	53.6	53.9	54.0	54.2	54.4	54.4	54.6	54.6	54.6	54.7	54.8	54.9	55.4
≥ 6000	49.7	53.7	54.2	54.6	54.9	55.0	55.2	55.4	55.4	55.6	55.6	55.6	55.7	55.8	55.8	56.3
≥ 5000	50.9	55.1	55.7	56.1	56.4	56.5	56.7	56.8	56.8	57.1	57.1	57.1	57.2	57.3	57.4	57.9
≥ 4500	51.6	55.9	56.5	56.8	57.2	57.3	57.5	57.6	57.6	57.9	57.9	57.9	58.0	58.1	58.2	58.7
≥ 4000	52.3	56.9	57.5	57.9	58.3	58.4	58.6	58.7	58.7	59.0	59.0	59.0	59.1	59.2	59.3	59.8
≥ 3500	53.1	57.7	58.3	58.8	59.2	59.3	59.5	59.6	59.6	59.9	59.9	59.9	60.0	60.1	60.1	60.6
≥ 3000	54.3	59.2	59.9	60.5	60.9	61.0	61.2	61.3	61.3	61.5	61.5	61.5	61.7	61.8	61.8	62.3
≥ 2500	55.9	61.2	62.0	62.6	63.1	63.1	63.3	63.5	63.5	63.7	63.7	63.7	63.9	63.9	64.0	64.5
≥ 2000	57.9	63.6	64.5	65.2	65.7	65.7	65.9	66.1	66.1	66.4	66.4	66.4	66.6	66.6	66.7	67.2
≥ 1800	58.8	64.6	65.6	66.4	66.8	66.9	67.1	67.3	67.3	67.6	67.6	67.6	67.8	67.8	67.9	68.4
≥ 1500	60.4	66.8	68.0	68.8	69.3	69.4	69.7	69.9	69.9	70.2	70.2	70.2	70.4	70.5	70.6	71.1
≥ 1200	62.9	69.9	71.2	72.1	72.6	72.7	73.0	73.3	73.3	73.6	73.6	73.6	73.8	73.9	74.0	74.5
≥ 1000	64.2	71.8	73.3	74.4	75.1	75.2	75.7	76.0	76.0	76.3	76.3	76.3	76.5	76.6	76.7	77.2
≥ 900	64.7	72.8	74.4	75.5	76.3	76.5	77.0	77.3	77.3	77.7	77.7	77.7	77.9	78.0	78.1	78.6
≥ 800	65.3	73.7	75.5	76.8	77.7	77.9	78.5	78.8	78.8	79.3	79.3	79.4	79.6	79.6	79.8	80.3
≥ 700	65.8	74.8	76.8	78.1	79.2	79.5	80.2	80.6	80.6	81.1	81.2	81.2	81.5	81.5	81.6	82.1
≥ 600	66.1	75.6	77.8	79.3	80.7	81.0	81.8	82.2	82.3	82.8	82.9	83.0	83.2	83.2	83.4	83.9
≥ 500	66.3	76.1	78.5	80.3	82.0	82.4	83.4	83.9	84.0	84.7	84.8	84.9	85.1	85.2	85.3	85.8
≥ 400	66.4	76.6	79.1	81.0	83.2	83.7	85.1	85.6	85.7	86.6	86.8	86.9	87.3	87.4	87.7	88.2
≥ 300	66.5	77.0	79.7	81.9	84.3	84.9	86.7	87.4	87.6	88.9	89.1	89.1	89.6	89.8	90.2	90.7
≥ 200	66.5	77.0	79.7	81.9	84.6	85.2	87.4	88.3	88.5	90.2	90.6	90.7	91.5	91.6	92.3	93.5
≥ 100	66.5	77.0	79.7	81.9	84.6	85.3	87.5	88.4	88.6	90.5	91.0	91.1	92.5	92.7	94.1	96.0
≥ 0	66.5	77.0	79.7	81.9	84.6	85.3	87.5	88.4	88.6	90.5	91.1	91.1	92.6	92.9	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3420

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.5	40.1	40.4	40.8	41.0	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.5
≥ 20000	45.5	47.8	48.1	48.6	48.9	49.0	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.3	49.3	49.4
≥ 18000	45.7	48.1	48.4	48.9	49.2	49.2	49.3	49.3	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.7
≥ 16000	46.1	48.5	48.8	49.3	49.6	49.7	49.7	49.8	49.8	49.9	49.9	49.9	49.9	50.0	50.0	50.1
≥ 14000	47.0	49.5	49.9	50.4	50.7	50.8	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.2
≥ 12000	48.0	50.7	51.1	51.6	51.9	52.0	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.5
≥ 10000	49.1	51.9	52.3	52.8	53.1	53.2	53.2	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.7
≥ 9000	49.7	52.5	53.0	53.4	53.8	53.8	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.2	54.2	54.4
≥ 8000	50.8	53.9	54.4	54.8	55.2	55.3	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.9
≥ 7000	52.1	55.2	55.7	56.2	56.5	56.6	56.6	56.7	56.8	56.9	56.9	56.9	56.9	57.0	57.0	57.2
≥ 6000	53.2	56.4	56.9	57.3	57.7	57.8	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.4
≥ 5000	54.7	58.1	58.5	59.0	59.4	59.5	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.1
≥ 4500	55.4	58.8	59.3	59.8	60.2	60.2	60.3	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.8
≥ 4000	56.2	59.7	60.2	60.7	61.1	61.2	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.7
≥ 3500	56.9	60.5	61.1	61.7	62.0	62.1	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.5	62.5	62.7
≥ 3000	58.4	62.1	62.8	63.4	63.8	63.8	63.9	64.0	64.0	64.1	64.	64.2	64.2	64.3	64.3	64.4
≥ 2500	60.1	64.2	65.0	65.6	66.1	66.1	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.8
≥ 2000	62.2	67.0	68.0	68.7	69.3	69.3	69.4	69.5	69.6	69.7	69.7	69.7	69.7	69.8	69.8	70.0
≥ 1800	62.9	67.9	69.0	69.7	70.2	70.3	70.4	70.5	70.5	70.6	70.7	70.7	70.7	70.8	70.8	71.0
≥ 1500	65.0	70.5	71.7	72.5	73.1	73.1	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.7	73.7	73.9
≥ 1200	67.0	73.5	74.8	75.6	76.2	76.3	76.5	76.6	76.6	76.8	76.8	76.8	76.8	76.9	77.0	77.1
≥ 1000	68.5	76.1	77.5	78.4	79.2	79.3	79.5	79.6	79.7	79.8	79.9	79.9	79.9	80.0	80.1	80.2
≥ 900	68.8	76.7	78.3	79.2	80.1	80.2	80.5	80.7	80.7	80.9	81.0	81.0	81.0	81.1	81.1	81.3
≥ 800	69.3	77.9	79.6	80.6	81.6	81.8	82.1	82.3	82.4	82.7	82.8	82.8	82.9	83.0	83.0	83.2
≥ 700	69.7	78.9	80.8	82.3	83.4	83.7	84.2	84.6	84.7	85.1	85.2	85.2	85.2	85.4	85.4	85.6
≥ 600	70.0	79.7	81.8	83.6	85.0	85.3	85.9	86.5	86.5	87.1	87.2	87.2	87.2	87.3	87.4	87.6
≥ 500	70.1	80.3	82.7	84.6	86.4	86.9	87.8	88.6	88.7	89.3	89.4	89.5	89.5	89.7	89.7	89.9
≥ 400	70.2	80.6	83.4	85.3	87.6	88.0	89.4	90.3	90.5	91.5	91.7	91.7	91.8	92.0	92.2	92.4
≥ 300	70.2	80.7	83.5	85.6	88.1	88.7	90.5	91.9	92.4	93.9	94.3	94.3	94.6	94.8	95.1	95.3
≥ 200	70.2	80.7	83.6	85.7	88.1	88.8	90.8	92.2	92.8	94.5	95.1	95.2	95.8	96.1	96.6	97.0
≥ 100	70.2	80.7	83.6	85.7	88.1	88.8	90.8	92.2	92.8	94.7	95.4	95.6	96.4	97.0	97.6	98.9
0	70.2	80.7	83.6	85.7	88.1	88.8	90.8	92.2	92.8	94.7	95.4	95.5	96.5	97.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3430

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

SPECIFIED BY MOORE BUSINESS FORMS, INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) DEC (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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.9	45.1	45.2	45.3	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	53.2	54.8	55.1	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	53.7	55.4	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	54.1	55.8	56.0	56.1	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	55.3	57.0	57.2	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	56.4	58.2	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000	57.4	59.1	59.4	59.5	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	57.7	59.5	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 8000	58.9	60.9	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 7000	60.4	62.4	62.6	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 6000	61.3	63.3	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	62.9	65.0	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500	64.0	66.1	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4000	65.2	67.3	67.6	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	66.3	68.5	68.8	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3000	68.3	70.8	71.2	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	71.5	74.5	74.9	75.0	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2000	75.4	78.9	79.3	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1800	76.6	80.4	80.8	81.0	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1500	78.4	83.1	83.5	83.7	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	80.1	85.8	86.3	86.5	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	80.9	87.2	88.1	88.3	88.7	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	81.1	87.9	88.8	89.2	89.6	89.7	89.9	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 800	81.5	88.7	89.9	90.4	91.0	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 700	81.7	89.3	90.7	91.3	92.1	92.2	92.6	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 600	81.9	89.8	91.2	92.0	92.9	93.1	93.6	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 500	82.0	90.0	91.6	92.5	93.8	94.0	94.7	95.1	95.2	95.5	95.5	95.5	95.6	95.6	95.7	95.7
≥ 400	82.0	90.2	91.8	92.9	94.3	94.6	95.5	95.9	96.0	96.6	96.6	96.6	96.6	96.8	96.8	96.8
≥ 300	82.0	90.2	91.8	93.0	94.5	94.9	95.9	96.8	97.1	97.9	98.1	98.1	98.3	98.3	98.3	98.3
≥ 200	82.0	90.2	91.8	93.0	94.5	94.9	96.2	97.2	97.5	98.5	98.9	98.9	99.2	99.2	99.3	99.4
≥ 100	82.0	90.2	91.8	93.0	94.5	94.9	96.2	97.2	97.5	98.6	99.2	99.2	99.5	99.5	99.6	99.8
≥ 0	82.0	90.2	91.8	93.0	94.5	94.9	96.2	97.2	97.5	98.6	99.2	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3429

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

SYSTEMS® WOOD ENGINEERING SYSTEMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS(LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.0	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	60.1	61.2	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
≥ 18000	60.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000	60.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	62.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000	63.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 10000	64.5	65.9	66.0	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
≥ 9000	65.1	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	66.1	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	67.8
≥ 7000	67.5	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	69.0	70.7	70.8	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
≥ 5000	70.5	72.4	72.4	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
≥ 4500	71.5	73.4	73.5	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
≥ 4000	73.1	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	75.4	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
≥ 3000	78.3	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	80.5	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	83.0	86.0	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	83.6	86.8	87.0	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	84.7	88.3	88.6	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	85.9	90.0	90.5	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	86.5	91.2	91.7	92.0	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	86.7	91.6	92.2	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	86.9	92.0	92.6	93.0	93.4	93.4	93.5	93.6	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9
≥ 700	87.1	92.4	93.1	93.6	93.9	94.0	94.2	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	87.2	92.8	93.4	94.0	94.6	94.7	94.9	94.9	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 500	87.2	93.0	93.8	94.8	95.5	95.7	96.0	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6
≥ 400	87.2	93.0	94.0	95.0	95.8	96.1	96.5	96.9	97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 300	87.2	93.1	94.1	95.1	96.2	96.5	97.0	97.6	97.8	98.5	98.7	98.8	98.9	98.9	98.9	98.9
≥ 200	87.2	93.1	94.1	95.1	96.2	96.6	97.1	97.7	98.0	98.7	99.0	99.0	99.3	99.3	99.4	99.4
≥ 100	87.2	93.1	94.1	95.1	96.2	96.6	97.2	97.7	98.0	98.7	99.1	99.2	99.5	99.6	99.7	99.9
≥ 0	87.2	93.1	94.1	95.1	96.2	96.6	97.2	97.7	98.0	98.7	99.1	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3436

USAF ETAC FORM JUL 67 0-14-5 (OL A); PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPEEDISO® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) 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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.3	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	62.1	63.6	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 18000	62.3	63.8	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	62.5	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4
≥ 14000	64.1	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000	65.5	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	66.5	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 9000	66.8	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2
≥ 8000	67.7	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2
≥ 7000	69.6	70.6	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 6000	69.9	72.1	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	71.5	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3
≥ 4500	72.4	74.7	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 4000	73.6	75.9	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 3500	75.8	78.2	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9
≥ 3000	77.8	80.5	80.9	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	79.5	82.5	83.0	83.2	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	81.4	84.8	85.2	85.5	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	81.9	85.4	85.9	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6
≥ 1500	83.2	87.2	87.6	88.1	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 1200	84.6	89.1	89.7	90.2	90.3	90.3	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	85.1	89.9	90.6	91.1	91.2	91.2	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	85.3	90.2	91.0	91.5	91.7	91.7	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	85.6	90.7	91.4	92.0	92.2	92.3	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	85.9	91.1	91.9	92.5	92.8	92.9	93.3	93.4	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6
≥ 600	86.0	91.3	92.1	92.8	93.3	93.4	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 500	86.1	91.6	92.5	93.3	93.8	93.9	94.6	94.8	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1
≥ 400	86.2	91.8	92.8	93.7	94.4	94.5	95.5	95.9	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4
≥ 300	86.2	91.9	92.9	93.9	94.6	94.9	96.0	96.8	96.9	97.3	97.6	97.6	97.7	97.7	97.7	97.7
≥ 200	86.2	91.9	93.0	94.0	94.9	95.0	96.3	97.2	97.5	98.0	98.4	98.4	98.5	98.6	98.7	98.7
≥ 100	86.2	91.9	93.0	94.0	94.9	95.0	96.3	97.3	97.5	98.1	98.6	98.6	99.1	99.2	99.4	99.5
0	86.2	91.9	93.0	94.0	94.9	95.0	96.3	97.3	97.5	98.1	98.6	98.7	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3417

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

SPEEDIGO® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.2	54.8	54.9	55.0	55.3	55.3	55.5	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	56.0
≥ 20000	57.9	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.7	60.8	60.9	60.9	60.9	60.9	60.9	61.0
≥ 18000	58.1	60.1	60.3	60.4	60.6	60.6	60.9	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.3
≥ 16000	58.5	60.4	60.6	60.7	61.0	61.0	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.7
≥ 14000	59.5	61.5	61.7	61.8	62.0	62.1	62.3	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.7
≥ 12000	60.4	62.7	62.9	63.0	63.3	63.3	63.6	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	64.0
≥ 10000	61.3	63.6	63.8	64.0	64.3	64.3	64.6	64.6	64.6	64.7	64.8	64.8	64.9	64.9	64.9	65.0
≥ 9000	61.7	63.9	64.1	64.3	64.6	64.6	64.9	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.3
≥ 8000	62.2	64.6	64.8	65.0	65.2	65.3	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	66.0
≥ 7000	63.0	65.3	65.6	65.9	66.1	66.2	66.5	66.5	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.9
≥ 6000	63.5	66.2	66.5	66.7	67.0	67.0	67.3	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.7
≥ 5000	64.4	67.3	67.5	67.8	68.0	68.1	68.4	68.4	68.4	68.5	68.6	68.6	68.7	68.7	68.7	68.8
≥ 4500	65.5	68.4	68.7	69.0	69.2	69.3	69.6	69.6	69.6	69.7	69.8	69.8	69.9	69.9	69.9	70.0
≥ 4000	66.9	69.9	70.2	70.4	70.7	70.7	71.0	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.5
≥ 3500	68.7	71.8	72.1	72.4	72.7	72.7	73.0	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.5
≥ 3000	70.3	73.7	74.1	74.4	74.7	74.7	75.0	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.5
≥ 2500	72.0	75.7	76.2	76.5	76.8	76.8	77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.5	77.6
≥ 2000	73.7	77.7	78.3	78.6	78.9	78.9	79.3	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.6	79.7
≥ 1800	74.5	78.6	79.2	79.6	79.9	80.0	80.3	80.3	80.3	80.5	90.5	80.5	80.6	80.6	80.6	80.7
≥ 1500	76.2	80.5	81.2	81.7	82.0	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.9
≥ 1200	77.9	82.9	83.6	84.1	84.5	84.6	85.0	85.0	85.0	85.2	85.3	85.3	85.3	85.3	85.4	85.5
≥ 1000	79.6	85.2	86.0	86.5	87.1	87.2	87.5	87.6	87.6	87.7	87.9	87.9	87.9	87.9	88.0	88.1
≥ 900	80.0	86.0	86.8	87.3	87.9	88.0	88.4	88.4	88.4	88.6	88.7	88.7	88.7	88.8	88.8	89.0
≥ 800	80.9	87.5	88.4	89.1	89.7	89.8	90.2	90.3	90.3	90.5	90.6	90.6	90.7	90.7	90.8	90.9
≥ 700	81.2	88.4	89.3	90.0	90.7	90.8	91.3	91.4	91.4	91.5	91.7	91.7	91.7	91.7	91.8	92.0
≥ 600	81.4	88.7	89.7	90.5	91.3	91.5	92.0	92.1	92.1	92.3	92.4	92.4	92.5	92.5	92.6	92.7
≥ 500	81.7	89.3	90.5	91.3	92.2	92.4	93.1	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.9	94.0
≥ 400	81.7	89.5	90.8	91.7	93.0	93.3	94.1	94.5	94.5	94.9	95.1	95.1	95.1	95.2	95.2	95.4
≥ 300	81.7	89.6	91.0	92.1	93.6	93.9	95.0	95.5	95.5	96.0	96.2	96.2	96.3	96.3	96.4	96.5
≥ 200	81.7	89.6	91.0	92.2	93.8	94.1	95.4	96.3	96.4	97.2	97.5	97.5	97.6	97.7	97.9	98.0
≥ 100	81.7	89.6	91.1	92.2	93.9	94.2	95.6	96.4	96.7	97.6	98.0	98.0	98.2	98.5	98.7	99.1
0	81.7	89.6	91.1	92.2	93.9	94.2	95.6	96.4	96.7	97.6	98.0	98.0	98.2	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3417

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

MOORE BUSINESS FORMS INC. STEMFOLD®

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D SKY COVER

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

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

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

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

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

574-29965

DATA PROCESSING PROGRAM
ETAC/USAF
AIR WEATHER SERVICE/ AC

SKY COVER

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 66-70 PERIOD | ALL 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	25.8	4.0	3.5	2.9	2.4	1.8	2.5	3.1	4.9	3.5	45.7	6.0	18589
FEB		25.4	3.6	4.2	3.2	2.6	2.0	2.4	2.9	4.6	3.7	45.5	6.0	16477
MAR		23.3	3.5	3.9	3.4	3.3	2.5	3.1	4.2	6.1	4.7	42.1	6.1	17847
APR		18.1	3.3	3.7	3.4	2.8	3.0	3.2	4.8	7.2	5.8	44.8	6.6	17269
MAY		16.0	4.0	4.5	4.5	4.2	4.5	4.7	6.1	9.7	7.4	34.5	6.3	17966
JUN		17.7	5.6	6.0	7.0	6.9	6.7	6.5	8.2	10.4	7.4	17.7	5.2	17587
JUL		21.2	6.7	7.7	8.1	8.1	7.7	6.6	8.1	9.7	6.3	10.0	4.5	18200
AUG		24.0	7.4	7.8	8.5	7.5	7.3	5.8	6.4	8.9	5.7	10.7	4.2	18148
SEP		27.6	5.8	6.0	6.5	6.0	5.7	4.8	6.0	8.3	6.2	17.2	4.5	17993
OCT		35.8	5.3	5.0	4.8	4.5	3.5	3.8	4.8	6.8	5.6	20.2	4.3	18595
NOV		34.4	3.9	3.8	3.2	3.2	2.6	2.9	3.9	5.1	4.4	32.7	5.0	17976
DEC		29.4	4.5	3.7	3.4	2.5	2.2	2.9	3.6	5.0	4.2	38.8	5.5	18589
TOTALS		24.9	4.8	5.0	4.9	4.5	4.1	4.1	5.2	7.2	5.4	30.0	5.4	215236

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 46-70 JAN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	34.3	2.0	2.6	2.4	1.1	1.0	1.8	2.0	3.8	1.7	46.3	5.6	2324
	03-05	31.3	2.8	2.8	2.3	1.6	.6	1.4	1.8	3.9	1.7	49.9	5.9	2325
	06-08	22.5	4.5	2.4	2.1	1.3	1.5	1.9	3.3	4.5	3.5	52.6	6.6	2323
	09-11	18.7	3.6	2.8	2.6	2.2	1.9	1.8	3.3	5.1	4.7	53.3	6.9	2324
	12-14	19.8	4.3	3.3	3.5	3.3	2.7	2.7	3.9	5.8	6.1	44.8	6.4	2323
	15-17	20.4	5.1	4.7	3.7	3.6	2.6	2.9	4.3	7.1	5.2	40.3	6.1	2323
	18-20	25.8	5.6	5.0	3.8	3.6	2.5	3.7	3.4	4.9	3.7	38.0	5.5	2323
	21-23	33.2	3.2	4.2	2.8	2.8	1.8	3.4	2.5	3.8	1.6	40.7	5.3	2324
TOTALS		25.8	4.0	3.5	2.9	2.4	1.8	2.5	3.1	4.9	3.5	45.7	6.0	16589

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 46-70 (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	33.1	2.5	2.8	2.9	1.2	.8	1.8	2.2	2.7	2.1	47.9	5.7	2061
	03-05	28.6	2.0	2.8	2.9	1.4	.9	2.0	1.6	3.4	2.2	52.2	6.2	2061
	06-08	20.7	4.1	3.8	2.9	1.9	1.6	1.7	2.3	3.5	3.6	53.8	6.6	2060
	09-11	18.8	3.5	4.0	2.7	2.4	2.3	2.3	3.2	4.5	5.1	51.3	6.7	2060
	12-14	20.7	3.9	4.4	3.5	3.7	3.0	3.2	3.8	5.6	5.6	42.4	6.2	2058
	15-17	21.1	4.9	5.1	4.0	4.1	3.0	3.5	3.5	7.5	5.3	38.1	5.9	2058
	18-20	25.9	4.8	5.7	3.7	3.1	2.7	2.8	4.1	6.1	3.7	37.4	5.5	2058
	21-23	34.5	2.7	4.6	2.7	2.6	1.6	2.2	2.7	3.7	2.1	40.6	5.2	2061
TOTALS		25.4	3.6	4.2	3.2	2.6	2.0	2.4	2.9	4.6	3.7	45.5	6.0	16477

DATA PROCESSING CTR
ETAC/USAF
AIR WEATHER SERVICE/ AC

SKY COVER

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 47-70 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	29.0	2.1	2.7	3.1	2.0	1.5	2.1	2.7	5.[illegible]	2.5	46.0	5.9	2230
	03-05	25.9	1.8	2.5	2.3	2.1	1.1	2.7	2.6	3.6	2.3	53.1	6.4	2232
	06-08	16.2	3.5	3.9	2.5	2.3	1.6	2.7	3.5	4.6	4.8	53.9	7.0	2230
	09-11	17.4	3.5	3.5	2.8	3.4	2.5	2.6	4.3	5.8	6.1	48.1	6.7	2231
	12-14	19.1	5.0	4.4	3.6	3.6	4.2	3.3	5.3	7.9	6.2	37.4	6.1	2231
	15-17	20.6	4.6	4.6	4.3	3.9	3.5	3.6	5.8	8.7	7.9	32.3	5.9	2232
	18-20	24.7	4.6	5.2	4.4	4.0	3.1	4.3	5.4	7.3	5.0	32.0	5.5	2230
	21-23	32.0	3.2	4.5	3.5	4.2	2.2	3.3	4.2	5.6	2.6	34.1	5.1	2231
TOTALS		23.3	3.5	3.9	3.4	3.3	2.5	3.1	4.2	6.1	4.7	42.1	6.1	17847

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ AC

SKY COVER

12911 (STATION) RANDOLPH AFB TEXAS/SA , ANTONIO (STATION NAME) 47-70 (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	23.6	2.6	1.9	2.0	1.5	1.2	2.7	4.2	6.6	3.0	49.7	6.6	2155
	03-05	19.0	1.6	2.5	2.3	1.7	1.2	2.2	3.1	4.8	3.8	57.7	7.1	2160
	06-08	10.9	3.3	2.7	2.2	1.4	1.4	2.1	3.3	5.7	7.6	59.4	7.7	2160
	09-11	14.3	3.1	3.0	2.2	3.1	3.1	2.7	4.1	7.0	7.4	50.0	7.1	2160
	12-14	16.4	3.4	4.3	4.3	3.8	3.8	4.1	7.0	8.7	6.9	37.4	6.4	2158
	15-17	14.4	4.9	5.4	5.2	4.4	6.0	4.1	6.1	9.7	7.6	32.2	6.1	2160
	18-20	18.5	4.7	5.6	5.2	3.6	4.6	4.1	5.9	8.7	5.7	33.3	5.9	2160
	21-23	27.3	2.6	4.5	3.9	2.6	2.4	3.5	4.5	6.4	3.6	38.7	5.7	2155
TOTALS		18.1	3.3	3.7	3.4	2.8	3.0	3.2	4.8	7.2	5.6	44.8	6.6	17269

DATA PROCESSING
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 46-7[illegible] 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	24.3	2.5	3.4	3.1	1.7	1.9	3.2	4.5	7.9	4.3	43.2	5.2	2234
	03-05	15.7	2.4	3.5	2.6	1.6	1.7	3.7	4.3	7.5	5.5	50.3	7.0	2232
	06-08	8.9	3.0	2.3	2.5	2.4	2.3	3.2	4.7	9.6	11.0	50.1	7.7	2249
	09-11	9.8	3.5	4.0	4.3	4.1	5.3	5.3	6.8	11.9	11.0	34.1	6.8	2262
	12-14	10.9	3.8	4.6	5.5	6.0	7.5	7.8	7.6	12.3	8.3	25.7	6.2	2264
	15-17	12.1	5.0	5.4	7.6	9.2	8.5	4.7	7.3	9.9	9.1	21.1	5.7	2265
	18-20	17.5	7.4	7.3	6.3	5.1	5.4	4.8	7.3	9.1	6.5	23.3	5.3	2231
	21-23	27.6	4.1	5.6	4.2	3.7	3.1	4.8	5.9	9.1	3.5	28.3	5.2	2229
TOTALS		16.0	4.0	4.5	4.5	4.2	4.5	4.7	6.1	9.7	7.4	34.5	6.3	17966

DATA PROCESSING SFG CI
ETAC/USAF
AIR WEATHER SERVICE/ MAC

SKY COVER

12911 (STATION) RA WOLFE AFB TEXAS/SA, ANTONIO (STATION NAME) 46-7[illegible] (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	29.9	4.2	5.9	3.9	3.0	1.9	6.[illegible]	6.7	10.1	6.1	22.4	4.9	2160
	03-05	14.4	3.3	4.1	3.9	3.7	2.6	6.9	8.2	12.[illegible]	9.5	31.4	6.5	2159
	06-08	8.6	2.5	2.8	3.3	3.6	4.4	5.6	10.8	16.3	14.6	28.0	7.1	2218
	09-11	6.9	4.6	3.9	6.7	8.0	10.6	9.5	11.7	12.4	8.9	14.6	5.8	2247
	12-14	5.1	4.6	4.9	8.8	12.1	14.1	8.4	9.8	10.8	7.0	10.3	5.3	2243
	15-17	9.3	6.4	8.6	13.8	14.1	11.6	5.6	7.7	8.2	5.4	9.3	4.7	2246
	18-20	20.6	12.1	11.3	9.6	6.9	5.0	5.0	5.6	7.2	5.1	11.2	4.0	2157
	21-23	40.6	7.0	6.7	5.7	4.1	3.2	5.0	4.5	5.8	2.8	14.1	3.5	2157
TOTALS		17.7	5.6	6.0	7.0	6.9	6.7	6.5	8.2	10.4	7.4	17.7	5.2	17587

DATA RELEASED
ETAC/USAF
AIR WEATHER SERVICE/ AC

SKY COVER

12911 STATION | RANDOLPH AFB TEXAS/SA ANTONIO STATION NAME | 46-70 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	44.0	7.4	6.9	6.5	4.2	2.5	3.7	4.8	7.2	2.8	7.9	3.0	2232
	03-05	23.3	4.1	5.2	6.1	4.9	3.8	7.5	9.3	12.7	7.8	15.4	5.1	2230
	06-08	7.4	4.4	5.3	6.0	5.7	7.6	7.1	12.1	13.9	13.4	17.1	6.2	2293
	09-11	11.6	5.3	7.3	9.3	11.2	12.3	8.2	10.5	9.9	5.9	6.4	4.9	2324
	12-14	9.4	5.3	7.2	10.5	12.1	14.3	8.2	6.6	11.1	6.1	7.2	5.0	2328
	15-17	6.9	5.8	9.1	12.7	14.2	11.0	6.1	8.3	10.3	6.6	8.9	5.0	2326
	18-20	16.7	12.0	12.1	8.6	7.8	6.9	5.3	7.3	8.-	6.3	8.9	4.2	2232
	21-23	50.0	8.9	8.1	5.4	4.7	3.1	4.3	3.9	4.3	1.5	6.0	2.4	2235
TOTALS		21.2	6.7	7.7	8.1	8.1	7.7	6.6	8.1	9.7	6.3	10.0	4.5	18200

DATA PROCESSING BR. OL
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 46-70 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	49.0	6.1	5.0	4.2	3.7	3.1	3.9	3.9	5.0	2.9	11.0	2.9	2254
	03-05	32.9	5.6	5.0	5.3	3.9	3.0	7.7	6.3	8.3	5.2	15.1	4.2	2226
	06-08	13.1	7.0	7.1	7.0	5.3	7.3	6.7	6.2	14.2	8.5	17.5	5.5	2263
	09-11	15.4	7.4	7.5	8.2	10.4	10.7	6.8	8.2	10.6	6.5	8.5	4.7	2318
	12-14	9.5	7.8	6.4	10.6	11.6	13.5	6.9	7.9	10.7	6.7	8.0	4.9	2319
	15-17	6.4	5.7	9.3	14.0	13.3	10.3	6.4	8.1	9.9	7.9	8.7	5.0	2322
	18-20	16.6	11.4	12.3	11.1	7.2	6.5	4.5	6.5	8.2	5.8	9.8	4.2	2229
	21-23	48.1	7.9	6.3	7.2	4.3	3.3	3.4	4.1	4.1	2.4	7.1	2.5	2227
TOTALS		24.0	7.4	7.8	8.5	7.5	7.3	5.	6.4	8.9	5.7	12.7	4.2	18149

DATA [illegible]
ETAC/[illegible]
AIR WEATHER SERVICE / [illegible]

SKY COVER

12911 (STATION) PANHANDLE MPO TEXAS/OK A T I. (STATION NAME) 40-7[illegible] (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	0-02	43.6	4.7	5.5	4.1	2.8	2.6	4.3	4.5	5.[illegible]	4.[illegible]	[illegible]5.5	3.9	224
	3-05	35.2	3.4	4.[illegible]	3.[illegible]	2.[illegible]	2.3	3.[illegible]	4.6	6.1	5.2	[illegible]5.2	4.7	2249
	6-08	20.5	5.6	6.[illegible]	5.[illegible]	4.5	3.7	4.2	5.5	5.3	9.2	25.[illegible]	5.5	2245
	09-11	15.6	5.2	4.[illegible]	6.4	7.0	8.8	5.3	8.3	10.[illegible]	7.6	17.1	5.2	225[illegible]
	12-14	14.[illegible]	4.8	4.7	9.[illegible]	10.7	11.4	5.7	9.1	11.[illegible]	7.[illegible]	11.6	5.1	224[illegible]
	15-17	13.[illegible]	6.0	6.6	12.4	10.8	9.3	4.3	7.3	9.1	7.1	12.[illegible]	4.[illegible]	225[illegible]
	18-20	27.[illegible]	9.4	10.3	6.5	6.[illegible]	4.6	4.5	5.3	7.7	5.3	12.9	4.[illegible]	225[illegible]
	21-23	46.[illegible]	7.1	6.1	4.6	3.9	3.1	4.5	3.0	5.3	2.2	13.3	3.1	225[illegible]
TOTALS		27.6	5.8	6.0	6.5	6.0	5.7	4.[illegible]	6.[illegible]	[illegible].3	6.2	17.2	4.5	17993

DATA [illegible]
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12911 STATION | [illegible] STATION NAME | 46-7[illegible] PERIOD | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	47.0	3.7	[illegible]	2.0	3.0	1.0	2.5	3.9	5.[illegible]	3.1	24.7	[illegible]	2325
	03-05	41.0	3.5	3.3	3.2	2.4	1.6	3.5	3.7	5.[illegible]	4.6	27.6	4.5	2324
	06-08	25.9	5.9	4.1	4.0	4.0	2.5	3.2	4.3	7.2	7.8	31.2	5.4	2324
	09-11	27.3	4.7	4.2	4.1	4.6	4.3	4.3	6.2	9.[illegible]	8.2	23.1	5.1	2324
	12-14	26.3	5.6	5.1	5.9	6.1	6.7	4.7	6.6	9.4	7.8	15.7	4.7	2323
	15-17	26.8	6.4	7.4	8.6	7.4	5.3	4.9	5.4	8.[illegible]	6.5	13.1	4.2	2325
	18-20	39.0	7.6	7.0	5.7	5.2	3.6	3.9	4.4	5.5	4.5	12.3	3.[illegible]	2325
	21-[illegible]	51.5	5.0	4.8	4.3	3.0	2.2	3.1	3.6	4.3	2.6	15.6	3.1	2325
TOTALS		35.6	5.3	5.0	4.8	4.3	3.5	3.8	4.[illegible]	6.8	5.6	20.2	4.3	18595

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 46-70 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	41.6	3.1	3.0	2.8	2.4	1.8	2.5	2.6	4.6	2.2	33.0	4.5	2247
	03-05	39.1	1.9	2.0	2.4	2.0	1.4	2.2	2.4	4.4	2.3	39.1	5.1	2246
	06-08	26.6	4.6	3.5	3.3	2.2	1.5	2.2	3.6	6.[illegible]	4.9	41.7	5.8	2244
	09-11	25.[illegible]	4.7	3.7	3.4	3.8	2.9	2.9	3.[illegible]	5.1	6.1	38.9	5.8	2247
	12-14	27.5	4.6	4.2	3.7	4.6	4.4	4.[illegible]	5.6	5.4	6.9	29.0	5.2	2247
	15-17	30.2	5.1	4.4	4.5	3.9	4.1	3.6	5.2	7.5	6.4	25.1	4.9	2247
	18-20	39.5	4.0	4.6	3.3	3.8	3.6	3.2	4.4	4.2	4.3	25.1	4.3	224[illegible]
	21-23	45.2	2.9	3.5	2.4	2.7	1.6	2.6	3.6	3.7	2.1	29.7	4.2	225[illegible]
TOTALS		34.4	3.9	3.8	3.2	3.2	2.6	2.9	3.9	5.1	4.4	32.7	5.0	17974

DATA PROCESSING OF
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

12911 (STATION) RANDOLPH AFB TEXAS/SA AUTOMIL (STATION NAME) 40-7[illegible] (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOUPLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF SS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	37.7	3.7	3.1	3.0	2.6	1.9	2.6	2.7	2.[illegible]	2.5	36.[illegible]	5.[illegible]	232[illegible]
	03-05	36.4	2.2	2.[illegible]	2.7	1.3	1.4	2.2	2.[illegible]	2.4	1.7	44.[illegible]	5.4	2324
	06-08	25.8	4.3	3.6	3.3	2.4	1.4	2.4	3.2	4.4	3.3	46.0	6.0	2325
	09-11	20.3	5.8	3.0	3.5	2.1	2.1	2.5	2.9	5.5	6.1	45.4	6.3	2325
	12-14	22.6	4.9	3.7	3.5	2.9	3.4	3.4	5.0	7.1	6.7	37.0	5.9	2324
	15-17	23.[illegible]	4.9	4.7	4.0	3.7	3.2	3.6	5.9	7.[illegible]	6.4	33.5	5.7	2324
	18-20	31.2	6.1	4.1	3.8	3.2	2.7	3.0	4.4	6.5	3.8	31.6	5.0	2325
	21-23	38.2	4.0	3.3	3.2	2.4	2.2	2.[illegible]	3.0	4.4	2.7	34.1	4.8	2322
TOTALS		29.4	4.5	3.7	3.4	2.5	2.2	2.9	3.6	5.[illegible]	4.2	36.8	5.5	18589

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

E

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~~ HAW CASUAL of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

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

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

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

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

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

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105							.3	.4					.1
100					.2	2.4	8.7	13.3	.5				2.1
95			.3	.5	3.6	24.7	53.8	55.6	17.1	.5			13.2
90	.1	.3	2.4	6.6	23.5	68.8	87.0	85.1	52.1	10.6		.1	28.3
85	.5	1.6	9.4	25.9	59.6	91.3	96.9	95.7	79.2	37.6	3.9	.2	42.1
80	4.1	7.4	26.0	55.2	83.4	97.3	99.4	99.1	91.2	65.4	19.4	4.3	54.6
75	13.7	20.3	46.5	76.0	94.5	99.5	99.9	99.7	97.6	82.8	38.2	16.0	65.6
70	27.5	39.7	63.9	89.3	98.9	100.0	100.0	100.0	99.3	93.0	58.8	33.7	75.5
65	44.7	56.0	80.3	95.7	99.8				99.7	97.5	72.3	52.2	83.3
60	58.1	71.6	88.9	98.6	99.9				100.0	99.2	84.5	68.3	89.1
55	70.7	81.7	94.3	99.6	100.0					99.9	92.3	81.0	93.3
50	82.4	90.9	97.0	99.9						100.0	96.6	89.3	96.4
45	90.6	96.9	99.2	100.0							99.3	96.2	98.5
40	94.9	98.7	99.7								100.0	98.8	99.3
35	97.7	99.6	99.9									99.7	99.7
30	99.5	100.0	100.0									100.0	100.0
25	99.7												100.0
20	100.0												100.0
MEAN	61.1	65.2	72.4	79.3	85.2	91.1	94.2	94.4	88.7	81.3	70.2	64.0	78.9
S.D.	12.114	10.817	10.168	7.633	5.997	4.936	4.359	4.985	6.149	7.228	9.873	10.303	14.236
TOTAL OBS	1147	1024	1116	1109	1147	1109	1147	1147	108	1146	1110	1147	13429

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 38-75 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85						.1							.0
80						.3	.4	.1	.1				.1
75				.1	3.6	28.8	39.4	39.3	14.?	1.9			10.7
70			.5	8.7	28.1	72.9	92.9	88.5	56.9	14.7	1.6	.2	30.6
65	2.1	1.8	8.1	30.9	61.3	93.3	99.6	98.1	80.1	32.7	7.7	1.7	43.4
60	5.7	8.5	19.2	52.6	85.4	98.0	100.0	99.8	92.4	54.9	19.0	6.5	53.8
55	12.1	15.0	36.8	71.3	94.6	99.8		100.0	98.1	73.1	31.5	13.3	62.4
50	21.3	30.6	54.4	84.7	98.3	100.0			99.4	88.0	49.2	25.2	71.1
45	35.2	46.5	69.9	93.3	99.9				99.9	96.9	68.0	43.7	79.6
40	54.6	68.3	84.1	97.3	100.0				100.0	99.3	84.2	64.8	87.8
35	73.1	83.3	94.3	99.6						99.9	93.4	83.8	94.0
33	79.6	89.0	95.9	100.0						100.0	96.3	89.7	95.9
30	87.1	93.4	98.7								98.7	94.3	97.7
25	94.2	98.7	99.6								99.6	98.8	99.2
20	97.6	99.7	100.0								100.0	99.9	99.8
15	99.1	99.9										100.0	99.9
10	99.8	100.0											100.0
5	100.0												100.0
MEAN	41.1	44.2	50.2	59.0	65.5	71.6	73.5	73.1	68.9	60.0	49.6	43.6	58.4
S D	10.804	9.764	9.857	8.543	5.996	4.388	?.601	3.181	5.790	8.323	9.924	9.371	14.112
TOTAL OBS.	1147	1024	1116	1109	1147	1109	1147	1147	1080	1146	1110	1147	13429

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.4	1.6	2.2	.1				.4
85				.1	1.2	24.3	48.2	49.2	12.7	.7			11.5
80			.5	4.6	23.5	73.0	91.8	88.4	52.8	9.7			28.9
75	.1	.1	6.8	27.2	60.7	93.1	99.0	98.7	81.1	32.8	4.6	.4	42.3
70	3.9	6.3	21.2	54.8	87.8	99.3	100.0	99.9	94.1	60.5	17.5	3.9	54.4
65	10.8	17.6	40.9	75.7	96.3	100.0		100.0	98.6	80.6	33.1	12.2	64.1
60	21.9	32.0	61.4	90.2	99.7				99.8	93.3	53.2	27.9	73.5
55	39.6	52.1	76.6	96.3	100.0				100.0	98.5	72.7	47.7	82.1
50	57.0	71.2	88.9	99.2						99.7	86.2	68.3	89.3
45	73.9	85.2	95.5	99.9						100.0	94.6	84.8	94.5
40	87.3	95.0	99.0	100.0							99.1	94.7	97.9
35	93.3	98.7	99.7								100.0	99.0	99.2
30	97.2	99.6	99.9									99.9	99.7
25	99.0	99.9	100.0									100.0	99.9
20	99.8	100.0											100.0
15	100.0												100.0
MEAN	51.2	54.9	61.5	69.3	75.5	81.5	84.0	83.9	79.0	70.8	60.1	53.9	68.8
S D	10.566	9.284	9.194	7.152	5.205	4.128	3.045	3.576	5.277	6.989	9.017	9.998	13.734
TOTAL OBS	1147	1024	1116	1109	1147	1109	1147	1147	1080	1145	1110	1147	13428

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 35-75 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
38				* 87	90	95	97	98	95	96	85	82	
39	75	83	93	98	99	98	106	98		93	83	83	
40	76	94	89	93	92	94	95	100	98	92	80	76	100
41	77	74	87	91	91	95	98	102	99	92	83	80	102
42	82	79	91	89	94	104	97	99	95	91	85	86	104
43	87	84	88	92	96	101	102	103	98	90	86	82	103
44	76	84	86	93	95	98	106	103	99	94	83	73	106
45	76	83	88	92	100	100	102	105	99	90	88	80	105
46	75*	74							96#	86	84	79	
47	82	81	87	88	96	98	101	102	98	93	88	79	102
48	78	82	88	95	96	100	100	104	97	92	88	81	104
49	83	82	91	88	96	98	96	100	96	91	89	82	100
50	84	81	97	89	93	96	98	100	100	92	88	81	100
51	81	81	87	98	95	98	103	104	102	93	89	84	104
52	80	87	91	90	94	95	97	101	100	90	85	78	101
53	83	82	88	94	93	102	101	104	101	93	80	79	104
54	81	90	94	89	93	98	107	101	99	95	80	84	107
55	80	82	93	94	101	98	100	101	95	92	87	90	101
56	81	88	89	89	94	100	101	100	99	94	83	81	101
57	80	88	87	84	89	95	102	100	98	89	82	79	102
58	75	76	81	92	94	97	100	100	95	89	81	78	100
59	79	89	87	87	94	97	96	98	98	94	84	75	98
60	74	88	87	88	94	101	101	97	94	91	83	76	101
61	74	78	85	93	95	94	92	96	97	90	85	78	97
62	76	88	83	90	92	94	103	106	96	96	89	75	106
63	84	83	67	95	96	99	98	100	99	91	85	72	100
64	77	72	79	87	95	96	101	101	96	89	83	83	101
65	78	75	85	91	87	94	99	98	98	88	82	77	99
66	75	73	85	90	92	93	100	98	96	94	85	84	100
67	82	78	93	94	99	101	102	105	92	86	89	79	105
MEAN													
S D													
TOTAL OBS													

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

USAF ETAC FORM 0-88-5 (OL A)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
68	77	77	84	87	91	92	97	100	95	90	83	76	100
69	82	83	84	84	90	98	101	103	96	92	88	75	103
70	79	79	82	89	91*	92	97	98	97	88	85	82	98
71	88	82	99	93	94	98	100	94	96	87	81	80	100
72	90	83	89	92	86	95	99	94	95	90	84	77	99
73	75	73	81	84	94	92	92	93	91	86	84	83	94
74	78	84	94	91	92	96	101	97	91	85	80	75	101
75	88	79	89	89	91	97	99	97					
MEAN	79.7	81.6	88.0	90.5	93.6	97.0	99.6	100.0	96.8	90.9	84.5	79.6	101.4
S D	4.230	5.268	4.440	3.469	3.243	2.944	3.343	3.171	2.535	2.822	2.825	3.797	2.797
TOTAL OBS	1147	1024	1116	1109	1147	1109	1147	1147	1080	1146	1110	1147	13429

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

USAF ETAC FORM 0-88-5 (OL A)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT	NOV.	DEC	ALL MONTHS
38				* 34	52	67	70	66	54	41	23	28	
39	30	28	34	35	58	65	69	63		40	36	28	
40	14	29	33	33	55	58	64	60	49	44	28	31	14
41	27	32	34	47	56	64	69	67	63	47	33	34	27
42	21	28	35	44	48	63	67	66	43	48	34	30	21
43	17	32	22	52	57	58	69	71	56	42	34	22	17
44	22	29	32	43	47	66	69	64	61	42	30	29	22
45	34	34	42	36	48	65	70	70	55	39	35	26	26
46	30*	40							65*	45	42	26	
47	19	29	32	41	58	69	69	68	55	58	39	33	19
48	20	25	22	46	58	64	70	68	54	46	33	33	20
49	8	31	39	40	60	62	70	68	58	44	40	30	8
50	30	33	33	47	62	65	70	68	64	55	29	20	20
51	16	12	31	39	56	65	73	70	60	54	28	23	12
52	35	35	31	42	54	63	70	70	61	43	35	29	29
53	28	33	39	42	49	63	70	68	60	50	35	25	25
54	29	34	35	47	48	64	71	72	60	43	38	32	29
55	31	27	30	52	61	57	71	73	67	44	29	28	27
56	29	26	34	44	61	69	70	67	61	52	34	33	26
57	26	41	33	40	52	62	73	71	58	37	32	26	23
58	31	25	35	48	58	68	69	67	60	48	32	27	25
59	20	33	35	39	63	67	69	68	57	45	24	31	20
60	24	22	31	45	49	64	70	68	55	44	31	28	22
61	26	30	37	33	46	59	67	58	52	43	36	23	23
62	8	30	26	35	50	64	68	66	57	44	35	26	8
63	14	23	30	45	54	64	66	70	53	50	33	22	14
64	12	26	31	41	52	54	68	69	60	36	32	25	12
65	23	25	24	44	48	63	68	64	55	40	34	33	23
66	16	23	28	45	56	59	68	63	58	37	28	23	16
67	23	25	31	52	47	63	61	63	47	42	34	28	23
MEAN													
S.D.													
TOTAL OBS.													

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

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12911 RANDOLPH AFB TEXAS/SAN ANTONIO 38-75
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
68	26	29	29	43	54	59	64	63	53	43	30	24	24
69	19	32	31	47	45	58	70	65	58	44	25	27	19
70	13	26	31	37	44*	53	65	64	55	34	23	30	13
71	25	23	23	35	46	68	68	67	52	50	38	33	23
72	18	22	32	38	56	59	60	67	54	45	30	19	18
73	20	23	38	34	45	57	68	61	55	48	35	26	20
74	25	23	38	43	59	58	69	69	48	42	32	32	23
75	22	27	31	38	59	58	67	67					
MEAN	22.5	28.2	32.0	41.8	53.3	62.5	68.4	66.7	56.5	44.6	32.4	27.6	20.4
S D	6.943	5.474	4.684	5.401	5.551	4.154	2.751	3.355	5.102	5.242	4.512	3.974	5.641
TOTAL OBS.	1147	1024	1116	1109	1147	1109	1147	1147	1080	1146	1110	1147	13429

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ MAC

PSYCHROMETRIC SUMMARY

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 68-75 YEARS — JUL MONTH

DATE 1 — JUL 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
108/107																	.0	1	1		
106/105														.0		.0	.0	12	12		
104/103													.0	.0	.0	.0	.0	89	88		
102/101											.0	.0	.0	.0	.0	.0	.0	224	224		
100/ 99										.0	.0	.0	.1	.1	.1	.0	.0	941	941		
98/ 97								.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	2092	2095		
96/ 95						.0	.0	.0	.0	.1	.3	.4	.2	.1	.0	.0	.0	3694	3694		
94/ 93						.0	.0	.0	.1	.4	.5	.3	.1	.0	.0	.0	.0	4907	4912		
92/ 91					.0	.0	.0	.1	.5	.6	.4	.2	.1	.0	.0	.0	.0	6129	6135		
90/ 89				.0	.0	.0	.1	.6	.8	.5	.2	.1	.0	.0	.0	.0	.0	7797	7803		
88/ 87				.0	.0	.1	.6	.8	.6	.3	.1	.1	.1	.0	.0	.0	.0	9404	9410		
86/ 85				.0	.1	.6	.9	.7	.3	.2	.1	.1	.0	.0	.0	.0	.0	9931	9936	2	
84/ 83			.0	.1	.5	1.0	.7	.4	.3	.1	.1	.1	.3	.0	.0	.0		10582	10593	11	
82/ 81		.0	.1	.5	1.0	.8	.5	.3	.2	.1	.1	.1	.1	.0	.0	.0		12020	12030	61	6
80/ 79	.0	.0	.6	1.3	1.0	.7	.5	.3	.2	.1	.1	.1	.1	.0	.0			15977	15986	484	35
78/ 77	.0	.5	1.8	1.4	.8	.5	.3	.2	.2	.1	.1	.1	.1	.0	.0		.0	18916	18925	4272	233
76/ 75	.1	1.4	2.2	1.1	.6	.4	.3	.2	.1	.1	.1	.1	.0	.0	.0			21696	21718	22609	2756
74/ 73	.1	1.5	1.7	.9	.5	.3	.2	.1	.2	.1	.1	.1	.0	.0	.0	.0		18569	18590	27177	12951
72/ 71	.1	1.5	1.4	.7	.4	.3	.2	.2	.2	.1	.1	.0	.0			.0		16546	16562	32181	24529
70/ 69	.1	1.4	1.4	.6	.4	.3	.2	.2	.2	.1	.1	.0	.0	.0				16192	16219	24721	28670
68/ 67	.1	1.3	1.1	.5	.3	.2	.2	.2	.2	.1	.1	.0	.0					14156	14180	19539	27447
66/ 65	.2	1.3	.9	.4	.3	.3	.2	.2	.2	.1	.0	.0						13350	13359	17313	24529
64/ 63	.2	1.1	.8	.4	.3	.3	.2	.2	.2	.1	.0	.0						11490	11504	15011	20334
62/ 61	.2	1.0	.5	.4	.3	.3	.3	.2	.2	.1	.0							10595	10614	13092	17041
60/ 59	.2	.9	.5	.4	.4	.3	.3	.2	.1	.0	.0							10688	10706	11986	13949
58/ 57	.2	.8	.5	.4	.3	.3	.3	.2	.1	.0								9772	9796	11089	11620
56/ 55	.2	.7	.5	.4	.4	.3	.3	.1	.0	.0								9277	9304	10966	10533
54/ 53	.2	.7	.5	.4	.3	.3	.2	.1	.0	.0								8870	8891	10463	9567
52/ 51	.2	.6	.3	.4	.3	.3	.2	.0	.0									7973	8005	10469	8746
50/ 49	.2	.7	.5	.4	.4	.3	.1	.0	.0									8207	8294	10747	9531
48/ 47	.1	.5	.4	.4	.3	.2	.1	.0										6785	6804	10267	8327
46/ 45	.1	.6	.4	.4	.3	.2	.0	.0										6619	6636	9729	9508
44/ 43	.1	.5	.4	.4	.2	.1	.0											5650	5669	9902	8221
42/ 41	.1	.4	.4	.3	.2	.1	.0											4385	4395	7954	9126

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | ALL 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
40/ 39	.1	.4	.4	.3	.1	.0	.0											4175	4180	7000	7910
38/ 37	.1	.3	.3	.2	.1	.0	.0											3219	3225	6039	7241
36/ 35	.0	.3	.2	.1	.1	.0												2409	2418	4680	7631
34/ 33	.0	.2	.2	.1	.0	.0												1808	1816	3525	6867
32/ 31	.0	.2	.1	.1	.0	.0												1233	1239	2752	6815
30/ 29	.0	.1	.1	.0	.0	.0												1044	1047	1874	5898
28/ 27	.0	.1	.1	.0	.0													684	686	1326	4452
26/ 25	.0	.1	.1	.0	.0													388	392	847	4264
24/ 23	.0	.0	.0	.0														246	246	605	3041
22/ 21	.0	.0	.0	.0														174	174	370	2668
20/ 19	.0	.0	.0	.0														124	124	214	1737
18/ 17	.0	.0	.0	.0														59	59	125	1570
16/ 15	.0	.0	.0															26	26	77	1210
14/ 13		.0	.0															23	24	31	796
12/ 11	.0	.0																7	7	29	546
10/ 9	.0	.0																2	2	7	351
8/ 7	.0	.0																3	3	4	246
6/ 5																					183
4/ 3																					109
2/ 1																					71
0/ -1																					64
-2/ -3																					24
-4/ -5																					34
-6/ -7																					27
-8/ -9																					6
TOTAL	2.9	19.1	18.5	13.0	10.1	8.5	7.0	5.8	4.7	3.6	2.7	1.8	1.1	.6	.2	.1	.1	319026		318545	
																		318538		318543	

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.	1579624412	21422920	67.3	20.876	318530							
Dry Bulb	1556728067	21746711	68.2	15.265	319026		110.5	5173.4	3884.3	2082.6	322.5	8760
Wet Bulb	1222527381	19299173	60.6	12.932	318543		227.7	3860.4	1746.7	5.9		8760
Dew Point	1040874469	17618393	55.3	15.285	318545	4.2	943.2	2645.4	428.5	.4		8760

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN 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	1	1		
88/ 87												.0			.0	.0	.0	11	11		
86/ 85										.0	.0	.0		.0	.0	.0		10	10		
84/ 83								.0	.0	.0			.0	.0	.0	.0		16	16		
82/ 81						.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			42	42		
80/ 79						.0	.1	.1	.0	.0	.0	.0	.0	.0	.0			90	90		
78/ 77				.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0				151	151		
76/ 75			.0	.0	.2	.2	.1	.1	.1	.0	.1	.1	.0	.0				259	259		
74/ 73			.0	.2	.3	.2	.1	.1	.1	.1	.1	.1	.0					356	356		
72/ 71		.0	.3	.3	.3	.2	.1	.1	.1	.1	.2	.1	.0					480	480	7	1
70/ 69		.5	.6	.4	.3	.2	.1	.2	.1	.2	.2	.0						766	766	86	11
68/ 67	.1	1.0	.7	.4	.3	.2	.2	.2	.2	.2	.1	.0						932	933	522	130
66/ 65	.3	1.2	.7	.4	.3	.3	.3	.3	.3	.2	.1							1175	1175	869	567
64/ 63	.3	1.1	.5	.4	.3	.3	.3	.3	.3	.1	.0							1089	1092	878	735
62/ 61	.4	1.1	.5	.3	.3	.3	.4	.4	.3	.1								1111	1117	928	842
60/ 59	.5	1.3	.6	.4	.4	.4	.4	.4	.2	.0								1285	1290	917	846
58/ 57	.5	1.3	.7	.5	.4	.4	.5	.5	.2	.0								1328	1331	976	819
56/ 55	.4	1.4	.7	.6	.6	.6	.6	.3	.1									1439	1444	1131	859
54/ 53	.5	1.4	.8	.7	.6	.7	.5	.3	.1									1497	1505	1257	926
52/ 51	.5	1.6	1.0	.7	.7	.8	.4	.1										1608	1627	1413	916
50/ 49	.5	1.7	1.2	.9	1.0	.8	.4	.1										1771	1782	1689	983
48/ 47	.4	1.3	1.0	.9	.9	.5	.3	.0										1402	1409	1723	1129
46/ 45	.5	1.7	1.0	1.1	.8	.5	.1	.0										1546	1550	1714	1128
44/ 43	.5	1.5	1.1	1.1	.7	.4	.1											1472	1480	1995	1249
42/ 41	.5	1.4	1.1	1.1	.6	.3	.0											1343	1347	1789	1301
40/ 39	.5	1.4	1.3	.9	.5	.2	.0											1298	1301	1726	1314
38/ 37	.4	1.3	1.0	.8	.3	.1												1075	1077	1610	1313
36/ 35	.2	1.0	.9	.6	.3	.0												818	827	1381	1424
34/ 33	.2	1.0	.7	.4	.1	.0												687	695	1100	1432
32/ 31	.2	.8	.6	.3	.1													571	577	963	1510
30/ 29	.2	.8	.7	.3	.1	.0												533	535	718	1451
28/ 27	.0	.6	.5	.2	.0													362	363	582	1157
26/ 25	.0	.3	.4	.1	.0													234	236	414	1092
24/ 23	.0	.2	.2	.0														148	148	340	782

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN 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
22/ 21	.0	.3	.2	.0														149	149	230	742
20/ 19	.0	.2	.1	.0														111	111	173	512
18/ 17	.0	.1	.1	.0														50	50	110	532
16/ 15	.0	.0	.0															21	21	70	442
14/ 13		.1	.0															18	19	22	292
12/ 11	.0	.0																6	6	26	225
10/ 9		.0																1	1	3	169
8/ 7	.0	.0																2	2	3	115
6/ 5																					84
4/ 3																					60
2/ 1																					51
0/ -1																					43
-2/ -3																					21
-4/ -5																					32
-6/ -7																					21
-8/ -9																					5
TOTAL	7.5	27.7	19.3	14.0	10.4	7.7	5.2	3.5	2.0	1.3	.7	.4	.2	.1	.1	.0	.0	27265	27382	27265	27263

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.	141929737	1872509	68.7	22.104	27263							
Dry Bulb	74511713	1385753	50.6	12.650	27382		60.3	84.6	25.4	3.6		744
Wet Bulb	59777251	1237483	45.4	11.509	27265		99.7	16.8				744
Dew Point	47544827	1060499	39.2	14.419	27263	3.3	254.8	3.9				744

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

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIU (STATION NAME) 39-75 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4		7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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		3	3		
92/ 91															.0	.0		3	3		
90/ 89												.0	.0	.0	.0	.0	.0	8	8		
88/ 87									.0	.0	.0	.0	.0	.0	.0		.0	21	21		
86/ 85									.0	.0	.0			.0	.0	.0	.0	26	26		
84/ 83							.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		38	38		
82/ 81						.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0		89	89		
80/ 79					.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0			165	165		
78/ 77				.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0			237	237		
76/ 75			.0	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0			341	341		
74/ 73			.0	.2	.2	.2	.2	.1	.1	.1	.2	.1	.1		.0			412	412		
72/ 71		.0	.3	.3	.3	.3	.2	.1	.1	.2	.2	.1	.0					570	570	21	
70/ 69	.0	.4	.6	.4	.3	.3	.2	.3	.3	.3	.3	.1	.0	.0				856	856	137	14
68/ 67	.1	.9	.9	.4	.4	.3	.3	.3	.3	.3	.3	.0	.0					1090	1090	454	138
66/ 65	.3	1.2	.8	.5	.4	.3	.3	.3	.4	.3	.1	.0						1211	1211	802	469
64/ 63	.4	1.5	.9	.5	.3	.3	.4	.4	.4	.3	.0	.0						1318	1318	1024	747
62/ 61	.6	1.6	.7	.5	.4	.4	.5	.4	.4	.1	.0							1384	1384	1084	907
60/ 59	.6	1.3	.8	.4	.4	.5	.6	.5	.3	.1	.0							1346	1348	1209	960
58/ 57	.5	1.3	.9	.5	.6	.7	.6	.4	.2	.0								1372	1373	1154	942
56/ 55	.6	1.5	.8	.6	.8	.7	.6	.3	.1	.0								1500	1502	1225	993
54/ 53	.5	1.6	.9	.8	.8	.9	.5	.3	.1									1525	1529	1368	1003
52/ 51	.5	1.3	.8	.8	.9	.7	.4	.2	.0									1361	1362	1496	1009
50/ 49	.5	1.6	1.1	1.0	.9	.6	.4	.1	.0									1504	1504	1651	1011
48/ 47	.5	1.4	.9	1.0	.7	.5	.3	.1										1330	1330	1785	1002
46/ 45	.6	2.0	.9	1.2	.7	.5	.1	.0										1466	1467	1815	1091
44/ 43	.3	1.6	1.1	.9	.5	.3	.1											1165	1165	1809	1254
42/ 41	.3	1.5	1.0	.6	.5	.2	.0											1038	1038	1524	1260
40/ 39	.2	.9	.9	.5	.5	.1												760	760	1419	1264
38/ 37	.1	.9	.9	.5	.3	.1												656	657	1136	1248
36/ 35	.1	.8	.8	.4	.1	.0												519	519	897	1331
34/ 33	.1	.6	.5	.3	.1													372	372	772	1234
32/ 31	.1	.5	.3	.1	.0													251	251	610	1162
30/ 29	.0	.6	.3	.1														226	226	402	1038
28/ 27	.0	.3	.1	.0														96	96	307	859

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC
9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB 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	.0	.2	.1	.0														61	61	134	889
24/ 23		.1	.0	.0														32	32	69	610
22/ 21	.0	.0	.0	.0														11	11	45	543
20/ 19		.0	.0															9	9	11	363
18/ 17		.0	.0															9	9	10	327
16/ 15		.0																5	5	7	275
14/ 13		.0	.0															5	5	9	191
12/ 11		.0																1	1	3	96
10/ 9	.0																	1	1	4	60
8/ 7	.0																	1	1	1	43
6/ 5																					22
4/ 3																					13
2/ 1																					6
0/ -1																					10
-4/ -5																					1
-6/ -7																					3
TOTAL	6.9	25.6	17.3	12.6	10.2	8.4	6.3	4.3	3.2	2.2	1.4	.8	.4	.2	.1	.1	.0	24394	24406	24394	24394

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.	123343311	1638721	67.2	23.314	24394							
Dry Bulb	75151498	1323876	54.2	11.697	24406		19.5	106.3	37.0	7.2	.1	672
Wet Bulb	59284333	1176049	48.2	10.297	24394		44.4	16.9				672
Dew Point	46839227	1017253	41.7	13.459	24394	.4	179.5	4.2				672

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 30-45,47-75 YEARS | MAR 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				
100/ 99																.0		1	1		
98/ 97																.0	.0	3	3		
96/ 95														.0		.0	.0	6	6		
94/ 93													.0	.0		.0	.0	11	11		
92/ 91										.0	.0	.0	.0	.0	.0	.0	.0	40	40		
90/ 89									.0	.0	.0	.0	.0	.0	.0	.0	.0	56	56		
88/ 87							.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	86	86		
86/ 85						.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.0		145	145		
84/ 83						.0	.1	.2	.2	.1	.1	.1	.1	.1	.1	.0		273	273		
82/ 81					.0	.0	.2	.4	.2	.1	.1	.1	.2	.1	.0	.0		358	358		
80/ 79				.0	.1	.2	.4	.3	.2	.2	.1	.2	.1	.1	.0			526	526		
78/ 77				.1	.3	.4	.4	.3	.2	.2	.2	.2	.1	.1	.0			633	633		
76/ 75			.0	.3	.5	.6	.4	.3	.2	.2	.2	.2	.1	.0	.0			800	800	5	
74/ 73		.0	.3	.6	.5	.4	.4	.2	.3	.3	.2	.2	.1	.0				942	942	32	
72/ 71	.0	.3	.8	.8	.6	.4	.3	.3	.3	.2	.3	.1	.0					1146	1146	160	6
70/ 69	.1	1.0	1.7	1.0	.5	.5	.3	.4	.4	.3	.3	.1	.0	.0				1687	1687	726	150
68/ 67	.2	1.8	1.8	.7	.6	.4	.4	.4	.4	.3	.2	.1						1883	1883	1405	566
66/ 65	.3	1.6	1.8	.8	.5	.5	.4	.5	.4	.4	.2	.0						1879	1879	1867	1183
64/ 63	.2	2.0	1.3	.7	.5	.4	.4	.5	.4	.2	.1	.0						1734	1735	1753	1499
62/ 61	.3	1.8	1.1	.5	.5	.4	.5	.4	.3	.2	.0							1600	1600	1743	1588
60/ 59	.3	1.7	.9	.7	.7	.6	.6	.5	.4	.1	.0							1671	1672	1717	1561
58/ 57	.3	1.4	1.0	.7	.7	.6	.6	.4	.2	.1								1517	1517	1682	1363
56/ 55	.3	1.2	.8	.6	.8	.7	.6	.3	.1	.0								1375	1377	1645	1420
54/ 53	.2	1.0	1.0	.6	.6	.6	.4	.2	.0	.0								1218	1218	1566	1132
52/ 51	.2	.9	.8	.6	.6	.6	.4	.1	.0									1085	1085	1570	1055
50/ 49	.2	.7	.9	.8	.7	.5	.3	.1	.0									1065	1065	1555	1100
48/ 47	.1	.8	.8	.7	.5	.4	.2	.0										917	917	1492	1023
46/ 45	.2	.8	.6	.7	.5	.2	.1	.0										791	791	1517	1144
44/ 43	.1	.6	.6	.7	.3	.2	.0											645	646	1250	1027
42/ 41	.1	.4	.6	.6	.3	.1	.0											554	554	1093	1149
40/ 39	.0	.4	.6	.3	.3	.1	.0											430	430	868	1116
38/ 37	.0	.4	.4	.3	.1	.0	.0											330	330	762	1043
36/ 35	.1	.3	.2	.2	.1													222	222	573	1124
34/ 33	.0	.1	.1	.1	.0	.0												117	117	356	970

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

9477-5452

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-75 YEARS | MAR 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
32/ 31	.0	.1	.1	.1	.0	.0												83	83	258	946
30/ 29		.0	.1	.1	.0													46	46	142	875
28/ 27		.0	.1	.0	.0													31	31	82	812
26/ 25		.0	.0	.0														14	14	60	557
24/ 23		.0	.0	.0														17	17	32	419
22/ 21		.0	.0	.0														5	5	22	406
20/ 19																				7	250
18/ 17																				3	213
16/ 15																					160
14/ 13																					121
12/ 11																					87
10/ 9																					33
8/ 7																					11
6/ 5																					17
4/ 3																					7
2/ 1																					4
0/ -1																					5
-2/ -3																					2
-6/ -7																					1
TOTAL	3.2	19.4	18.3	13.1	10.7	9.1	7.4	5.9	4.4	3.1	2.3	1.4	.9	.5	.2	.1	.1		25947		25945
																		25942		25943	

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.	120522149	1664371	64.2	23.015	25942							
Dry Bulb	99252184	1575934	60.7	11.673	25947		5.6	246.5	111.3	35.5	.6	744
Wet Bulb	76605163	1384653	53.4	10.206	25943		17.4	66.8	1.1			744
Dew Point	61093336	1206898	46.5	13.815	25945	.2	135.5	20.7				744

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | APR MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.0	7	7		
96/ 95												.0			.0		.0	4	4		
94/ 93											.0	.0	.0	.0	.0	.0	.0	38	38		
92/ 91									.0	.0	.1	.1	.0	.0	.0	.0	.0	92	92		
90/ 89							.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	177	177		
88/ 87							.0	.1	.2	.2	.2	.1	.1	.0	.1	.1	.0	297	297		
86/ 85						.1	.2	.4	.5	.3	.2	.2	.1	.1	.1	.0		537	537		
84/ 83				.0	.0	.3	.5	.5	.3	.2	.2	.1	.1	.1	.1	.0		664	664		
82/ 81				.1	.4	.7	.8	.6	.3	.2	.2	.2	.2	.1	.0			966	966		
80/ 79			.1	.2	.9	1.0	.7	.5	.3	.4	.3	.3	.2	.0	.0			1289	1289		
78/ 77		.0	.1	.7	1.2	.6	.7	.3	.3	.3	.3	.2	.1	.0	.0			1274	1274	6	
76/ 75		.1	.7	1.6	1.1	.8	.5	.3	.3	.4	.3	.1	.1	.0				1639	1639	92	5
74/ 73		.7	2.0	1.8	.8	.6	.4	.3	.3	.3	.2	.1	.0	.0				1943	1944	574	54
72/ 71	.1	2.0	3.0	1.4	.7	.3	.4	.3	.4	.3	.2	.1	.0					2407	2408	1709	369
70/ 69	.3	3.2	3.2	1.2	.6	.4	.4	.4	.3	.3	.1	.1	.0					2726	2726	3051	1503
68/ 67	.3	2.7	2.4	.8	.5	.4	.4	.3	.3	.2	.1	.0						2185	2195	3221	2595
66/ 65	.3	2.5	1.9	.7	.4	.4	.5	.4	.3	.1	.1	.0						2019	2020	2782	2937
64/ 63	.3	2.2	1.1	.5	.5	.6	.3	.3	.2	.0	.0							1632	1632	2352	2566
62/ 61	.3	1.6	.8	.6	.4	.4	.4	.3	.1	.0	.0							1317	1318	2003	2247
60/ 59	.2	1.3	.8	.5	.5	.5	.3	.3	.1	.0								1181	1181	1613	1754
58/ 57	.2	1.1	.6	.6	.6	.4	.3	.1	.0	.0								1017	1017	1590	1443
56/ 55	.1	.7	.5	.5	.5	.3	.2	.1	.0									766	766	1495	1128
54/ 53	.1	.6	.5	.4	.4	.3	.2	.0	.0									633	633	1231	1041
52/ 51	.1	.4	.4	.4	.3	.2	.0	.0										465	465	1109	1017
50/ 49	.0	.3	.3	.3	.3	.1	.0	.0										366	367	971	913
48/ 47	.0	.2	.2	.2	.1	.0	.0											241	241	911	800
46/ 45	.0	.2	.2	.2	.1	.0	.0											165	165	574	889
44/ 43	.0	.1	.2	.1	.1	.0	.0											107	107	406	849
42/ 41	.0	.1	.1	.1	.0	.0												98	98	286	719
40/ 39		.1	.1	.1	.0	.0												72	72	193	722
38/ 37		.1	.0	.0	.0													49	51	111	632
36/ 35		.0	.0	.0	.0													25	25	82	545
34/ 33		.0	.0															7	7	44	478
32/ 31																				25	370

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 0-26-3 (OL-A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) APR (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
30/ 29																				13	257
28/ 27																				1	141
26/ 25																					133
24/ 23																					87
22/ 21																					70
20/ 19																					54
18/ 17																					31
16/ 15																					35
14/ 13																					13
12/ 11																					7
10/ 9																					1
TOTAL	2.3	20.1	19.3	13.0	10.3	8.4	7.3	5.6	4.4	3.3	2.5	1.5	1.0	.5	.3	.2	.1		26412		26405
																		26405		26405	

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.	133849009	1791323	67.8	21.602	26404			442.9	243.4	94.5	1.3	720
Dry Bulb	126567518	1810204	68.5	9.732	26412							720
Wet Bulb	100478615	1613489	61.1	8.451	26405		1.1	237.6	18.3			720
Dew Point	85757823	1472535	55.8	11.739	26405		32.7	123.4	1.6			720

USAFETAC FORM 0-26-3 (OL-A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | MAY 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
102/101																.0	.0	2	2		
100/ 99												.0	.0	.0	.0	.0		7	7		
98/ 97											.0	.0	.0	.0	.0	.0		16	16		
96/ 95											.1	.1	.0	.0		.0		48	48		
94/ 93								.0	.0	.2	.2	.2	.1	.0	.0	.0	.0	177	177		
92/ 91						.0	.0	.0	.2	.4	.3	.1	.1	.0	.0	.0	.0	362	345		
90/ 89					.0	.0	.2	.4	.6	.7	.4	.2	.1	.0	.0	.0		711	712		
88/ 87					.0	.	.8	.8	1.0	.6	.3	.1	.1	.0	.0	.0		1048	1050		
86/ 85				.0	.1	.		1.3	1.0	.5	.3	.1	.1	.0	.0			1370	1371		
84/ 83			.0	.1	.4	1.2	1.2	1.2	.7	.4	.2	.2	.1	.0				1575	1576		
82/ 81			.1	.4	.9	1.3	1.2	.9	.4	.2	.2	.1	.0	.0				1574	1576	5	
80/ 79		.0	.4	1.1	1.4	1.6	1.0	.5	.3	.2	.1	.1	.0	.0				1881	1882	33	1
78/ 77	.0	.2	1.5	1.6	1.8	1.1	.6	.3	.2	.1	.1	.0	.0					2070	2072	298	24
76/ 75	.0	1.3	2.9	2.5	1.5	.7	.4	.3	.2	.1	.0	.0						2733	2735	1271	172
74/ 73	.1	2.4	3.7	2.2	.9	.5	.3	.1	.1	.1	.0	.0				.0		2869	2869	2878	891
72/ 71	.2	3.3	3.2	1.6	.7	.4	.3	.2	.1	.1	.0							2745	2745	4461	2220
70/ 69	.2	3.0	3.2	1.1	.6	.3	.2	.2	.1	.0	.0							2431	2431	4853	3410
68/ 67	.2	2.3	2.0	.7	.4	.3	.2	.1	.0	.0	.0							1703	1705	3794	4090
66/ 65	.2	2.1	1.6	.6	.3	.2	.1	.1	.0	.0								1366	1366	2826	3796
64/ 63	.2	1.4	1.0	.5	.2	.2	.1	.0	.0									982	982	2052	3267
62/ 61	.1	.9	.5	.4	.2	.1	.0	.0	.0									615	615	1548	2457
60/ 59	.1	.6	.4	.3	.2	.1	.0	.0										447	447	1122	1699
58/ 57	.0	.4	.3	.2	.1	.1	.0	.0										303	303	760	1283
56/ 55	.0	.3	.1	.1	.1	.0	.0											173	173	596	928
54/ 53	.0	.1	.1	.1	.0	.0												103	103	373	783
52/ 51	.0	.1	.1	.0	.0													58	58	228	523
50/ 49		.0	.1	.0	.0													43	43	155	445
48/ 47		.0	.1	.0	.0													29	29	102	373
46/ 45		.0	.0															8	8	59	328
44/ 43			.0															1	1	29	244
42/ 41																				8	173
40/ 39																					125
38/ 37																					74
36/ 35																					55

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | MAY 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
34/ 33																					37
32/ 31																					24
30/ 29																					17
28/ 27																					10
6/ 5																					1
TOTAL	1.4	18.3	21.3	13.5	9.8	8.6	7.5	6.5	5.0	3.5	2.2	1.3	.6	.3	.2	.1	.0		27467		27450
																		27450		27451	

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.	146033031	1937541	70.6	18.380	27450							
Dry Bulb	155434242	2053818	74.8	8.234	27467			632.2	445.5	214.5	6.3	744
Wet Bulb	125447620	1848966	67.4	5.759	27451			476.8	121.6	.4		744
Dew Point	111750156	1739778	63.4	7.351	27450		1.4	292.9	29.5			744

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 68-75 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	Wet Bulb	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				
104/103													.0	.0	.0			5	5		
102/101											.0	.0	.0	.0	.0	.0	.0	12	12		
100/ 99											.0	.0	.0	.1	.1	.0	.0	77	77		
98/ 97									.0	.0	.1	.2	.3	.2	.0	.0		244	246		
96/ 95								.0	.1	.2	.5	.6	.4	.1	.0			518	519		
94/ 93						.0	.0	.1	.4	.8	1.1	.7	.2	.0	.0			884	886		
92/ 91						.0	.1	.6	1.2	1.7	.9	.3	.0	.0				1335	1336		
90/ 89					.0	.1	.6	1.6	2.0	1.5	.5	.1	.1		.0			1713	1715		
88/ 87					.1	.5	1.6	2.0	1.5	.5	.2	.1	.0	.0	.0		.0	1703	1703		
86/ 85				.0	.4	1.5	2.3	1.7	.5	.2	.1	.1	.0					1836	1837		
84/ 83			.0	.3	1.3	2.2	1.7	.7	.2	.1	.1	.0	.0					1771	1772	4	
82/ 81		.0	.3	1.4	2.3	1.9	.8	.3	.1	.1	.0	.0						1912	1913	31	1
80/ 79		.1	1.9	3.5	2.2	1.2	.4	.2	.1	.0	.0							2558	2558	229	11
78/ 77		1.0	4.8	3.2	1.4	.5	.2	.1	.0	.0	.0							2954	2955	1283	85
76/ 75	.1	3.2	5.3	2.0	.8	.2	.1	.1	.0	.0	.0							3123	3125	4460	728
74/ 73	.1	3.1	3.6	1.1	.2	.1	.1	.0	.0	.0								2223	2225	7424	2959
72/ 71	.2	2.6	2.1	.6	.2	.1	.0	.0										1534	1535	5965	5139
70/ 69	.1	1.8	1.3	.2	.1	.1	.1											1002	1007	3430	5317
68/ 67	.1	1.2	.6	.1	.1	.0	.0	.0										530	530	1664	4514
66/ 65	.1	.6	.2	.1	.0													257	257	940	3192
64/ 63	.0	.3	.1	.0	.0	.0												123	123	480	1919
62/ 61	.0	.1	.0	.0	.0	.0												62	62	217	1006
60/ 59	.0	.1	.1	.0														52	52	167	606
58/ 57	.0	.0	.0	.0	.0													30	30	94	355
56/ 55		.0	.0	.0														13	13	45	221
54/ 53		.0	.0															3	3	16	155
52/ 51																				4	137
50/ 49																				5	70
48/ 47																				1	25
46/ 45																					15
44/ 43																					14
42/ 41																					6
6/ 5																					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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | JUN 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
TOTAL	.8	14.1	20.4	12.6	9.0	8.6	7.9	7.5	6.2	5.3	3.5	2.2	1.2	.4	.2	.0	.0	26479	26498	26479	26478

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	≥ 92 F	Total
Rel. Hum.	134733070	1827414	69.0	18.035	26478							
Dry Bulb	173323687	2133573	80.5	7.604	26498			705.3	621.9	362.4	47.5	720
Wet Bulb	137588443	1906337	72.0	3.599	26479			666.5	365.8	3.1		720
Dew Point	123597337	1804971	68.2	4.578	26478		.0	510.0	102.9	.1		720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STAT.ON | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | JUL MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
108/107																	.0	1	1		
106/105														.0		.0	.0	7	7		
104/103													.0	.0	.0	.0	.0	31	31		
102/101												.0	.0	.1	.1	.1	.0	75	75		
100/ 99											.0	.0	.3	.4	.3	.1	.0	300	300		
98/ 97										.0	.1	.6	1.1	.7	.1	.0	.0	710	713		
96/ 95							.0		.0	.2	1.3	2.0	1.1	.3	.0			1363	1363		
94/ 93						.0		.0	.4	1.5	2.5	1.4	.3	.1	.0			1689	1692		
92/ 91					.0	.0	.0	.3	1.7	2.5	1.4	.3	.1	.0				1737	1738		
90/ 89				.0	.0	.0	.3	1.8	2.7	1.4	.3	.1	.0					1793	1796		
88/ 87					.0	.2	1.8	2.5	1.5	.3	.1	.0						1738	1741		
86/ 85					.1	1.8	2.7	1.6	.4	.1	.0							1743	1845		
84/ 83			.0	.1	1.4	2.8	1.7	.4	.1	.0	.0							1803	1806	4	
82/ 81		.0	.0	1.2	3.2	2.0	.6	.1	.1	.0								1995	1996	5	3
80/ 79		.0	1.3	4.4	2.7	.8	.2	.1	.0	.0								2598	2600	46	5
78/ 77		.8	5.5	3.9	1.2	.2	.1	.0	.0		.0							3221	3222	831	13
76/ 75	.1	3.4	6.2	2.1	.4	.1	.0	.0										3381	3381	6050	301
74/ 73	.1	3.0	2.9	.6	.1	.0	.0											1862	1862	10273	2742
72/ 71	.1	1.7	1.0	.1	.1	.0	.0											849	849	6699	6114
70/ 69	.1	.6	.3	.1	.0	.0	.0											304	307	2537	6492
68/ 67	.0	.2	.0	.1	.0													79	79	665	4789
66/ 65		.0	.0	.0														20	20	184	3082
64/ 63		.0	.0															8	8	68	1764
62/ 61		.0																5	5	36	1005
60/ 59		.0																1	1	16	628
58/ 57																				1	266
56/ 55																					113
54/ 53																					57
52/ 51																					28
50/ 49																					7
48/ 47																					4
46/ 45																					2
42/ 41																					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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC
9477-5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | JUL 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
TOTAL	.4	9.8	17.4	12.6	9.3	8.1	7.4	6.7	6.8	6.2	5.7	4.4	2.9	1.5	.6	.2	.1	27413	27438	27415	27416

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.	125296759	1777793	64.9	19.103	27413							
Dry Bulb	191286384	2281312	83.1	7.656	27438			743.1	709.6	445.7	113.4	744
Wet Bulb	146100492	2000354	73.0	2.286	27415			735.7	467.0	.5		744
Dew Point	128962899	1877445	68.5	3.799	27416			555.2	83.1	.1		744

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | AUG 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
106/105																	.0	5	5		
104/103													.0	.0	.0	.0	.0	32	32		
102/101											.0	.0	.0	.1	.2	.1	.1	131	131		
100/ 99										.0	.0	.1	.4	.6	.3	.1	.0	436	436		
98/ 97								.0	.0	.0	.2	.8	1.3	.8	.2	.1		918	918		
96/ 95						.0			.0	.3	1.5	1.9	1.0	.4	.1	.0		1378	1378		
94/ 93							.0	.0	.3	1.4	1.8	1.2	.4	.1	.0	.0		1430	1430		
92/ 91							.0	.3	1.4	1.8	1.3	.5	.1	.0	.0	.0		1490	1490		
90/ 89					.0	.0	.3	1.7	2.4	1.2	.6	.2	.1	.0	.0			1745	1745		
88/ 87				.0	.0	.3	1.6	2.1	1.3	.4	.2	.1	.0	.0				1629	1630		
86/ 85				.0	.2	1.7	2.3	1.4	.5	.2	.1	.0	.0					1730	1730	2	
84/ 83			.0	.2	1.5	2.5	1.3	.6	.3	.1	.0	.0						1741	1743	2	
82/ 81		.0	.2	1.4	2.6	1.7	.7	.3	.1	.0	.0	.0	.0					1900	1902	10	2
80/ 79	.0	.2	1.9	3.8	2.3	1.1	.4	.1	.0	.0	.0							2665	2668	78	9
78/ 77	.0	1.8	4.9	3.1	1.4	.5	.1	.0	.0	.0	.0							3221	3223	1062	53
76/ 75	.1	3.9	4.4	1.9	.7	.2	.1	.0		.0								3015	3024	6293	654
74/ 73	.2	2.8	2.5	.9	.2	.1	.0	.0	.0	.0								1810	1816	8768	3172
72/ 71	.2	1.8	1.2	.3	.1	.0	.0		.0									991	993	5726	5261
70/ 69	.1	.8	.4	.2	.1	.0		.0										406	409	2998	5282
68/ 67	.0	.2	.2	.1	.0		.0	.0										159	161	1187	4206
66/ 65		.1	.1	.0	.0													88	88	435	3228
64/ 63		.0	.1	.0	.0													38	38	229	1898
62/ 61		.0	.0	.0														13	13	104	1335
60/ 59		.0	.0															7	7	51	824
58/ 57		.0																1	1	21	474
56/ 55																				13	266
54/ 53																					174
52/ 51																					78
50/ 49																					24
48/ 47																					11
46/ 45																					15
44/ 43																					7
42/ 41																					4

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

FORM 0-26-3 (OL-A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC
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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | AUG 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
TOTAL	.5	11.7	15.8	11.9	9.2	8.3	6.9	6.6	6.3	5.5	5.7	4.8	3.4	2.1	.9	.3	.2	26979	27011	26979	26977

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.	122990914	1740044	64.5	19.972	26978							
Dry Bulb	187947234	2242740	83.0	8.006	27011			740.0	606.9	439.3	119.3	744
Wet Bulb	142834866	1961534	72.7	2.853	26979			720.5	447.2	1.0		744
Dew Point	125547996	1836223	68.1	4.570	26977			514.0	107.3	.1		744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 YEARS | SEP 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
102/101													.0		.0		.0	4	4		
100/ 99												.0	.0	.0	.0	.0	.0	20	20		
98/ 97										.0	.0	.1	.2	.1	.1	.0	.0	132	132		
96/ 95									.0	.1	.4	.4	.2	.2	.0	.0	.0	367	367		
94/ 93							.0	.0	.2	.6	.7	.5	.2	.1	.0	.0	.0	625	625		
92/ 91						.0	.1	.3	.8	1.0	.7	.4	.2	.1	.0	.0	.0	932	933		
90/ 89					.0	.0	.3	1.0	1.4	.9	.5	.3	.2	.1	.0	.0		1238	1238		
88/ 87					.0	.2	.9	1.5	1.0	.6	.4	.2	.2	.0	.0			1312	1312		
86/ 85				.0	.2	1.1	1.7	1.2	.7	.5	.3	.2	.1	.1				1575	1576		
84/ 83			.0	.2	.9	1.7	1.0	.6	.5	.3	.2	.2	.1	.0	.0			1446	1447	1	
82/ 81		.0	.2	1.1	1.6	1.2	.7	.4	.4	.3	.2	.1	.0					1593	1595	10	
80/ 79	.0	.1	1.5	2.3	1.6	.9	.5	.5	.3	.3	.2	.1	.0					2115	2116	94	9
78/ 77	.0	1.7	3.0	2.2	1.2	.5	.5	.4	.2	.2	.1	.0		.0			.0	2570	2573	713	50
76/ 75	.2	3.8	3.9	1.7	.7	.6	.4	.3	.1	.1	.1	.0						3088	3097	3616	773
74/ 73	.4	3.4	2.9	1.2	.7	.5	.4	.2	.1	.1	.0	.0	.0					2519	2527	5105	2398
72/ 71	.3	2.6	1.8	.8	.6	.4	.3	.1	.1	.0	.0	.0						1822	1826	4506	3676
70/ 69	.1	1.8	1.4	.7	.4	.4	.2	.1	.1	.0								1358	1365	3145	3911
68/ 67	.1	1.1	1.0	.6	.5	.2	.1	.1	.0	.0								979	980	2168	3305
66/ 65	.1	.7	.7	.6	.3	.2	.1	.0	.0	.0								683	686	1697	2436
64/ 63	.0	.5	.4	.3	.3	.1	.1	.0	.0									434	435	1330	1794
62/ 61	.0	.4	.4	.3	.2	.1	.0	.0										359	360	1043	1460
60/ 59	.0	.3	.3	.2	.2	.0	.0											260	261	810	1262
58/ 57	.0	.2	.2	.1	.0	.0	.0											162	167	568	1046
56/ 55	.0	.1	.1	.1	.0	.0	.0											93	98	420	930
54/ 53		.0	.1	.0	.0	.0												40	41	260	674
52/ 51		.0	.0	.0	.0													19	19	144	576
50/ 49			.0	.0														15	15	69	423
48/ 47		.0	.0	.0	.0													8	8	35	287
46/ 45				.0														3	3	25	295
44/ 43			.0															1	1	6	180
42/ 41																				3	119
40/ 39																				4	62
38/ 37																					39
36/ 35																					25

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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 YEARS | SEP 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
34/ 33																					19
32/ 31																					15
30/ 29																					5
28/ 27																					3
22/ 21																					2
14/ 13																					1
TOTAL	1.4	16.7	17.8	12.4	9.4	8.4	7.3	6.8	6.0	5.0	3.9	2.6	1.4	.7	.2	.1	.0	25772	25827	25772	25775

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.	129576733	1755859	68.1	19.648	25772							
Dry Bul	158930097	2014181	78.0	8.462	25827			661.6	545.3	289.3	32.0	720
Wet Bulb	125337763	1791121	69.5	5.767	25772			540.8	266.5	.9		720
Dew Point	111015169	1680059	65.2	7.644	25775		.7	394.5	90.2	.1		720

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 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
96/ 95											.0		.0	.0	.0			9	9		
94/ 93									.0	.0	.1	.0	.0	.0	.0			48	48		
92/ 91							.0	.0	.1	.2	.1	.0	.1	.0	.0	.0		138	138		
90/ 89							.0	.2	.4	.2	.2	.1	.1	.1	.0	.0		346	346		
88/ 87					.0	.0	.2	.4	.4	.3	.2	.2	.2	.1	.0			526	526		
86/ 85				.0	.0	.3	.5	.5	.5	.4	.3	.3	.1	.1	.0			793	793		
84/ 83				.1	.3	.7	.6	.6	.6	.4	.3	.2	.1	.0	.0			1068	1071		
82/ 81			.0	.2	.6	.6	.8	.7	.5	.3	.3	.2	.2	.0				1232	1234		
80/ 79		.0	.3	.6	.8	.8	.8	.6	.4	.4	.4	.2	.1	.0				1518	1520	3	
78/ 77		.5	1.1	1.0	.8	.8	.6	.5	.4	.4	.3	.1	.1	.0				1802	1802	79	7
76/ 75	.1	1.3	1.8	1.0	.7	.7	.5	.5	.4	.3	.3	.1	.0	.0				2144	2144	791	131
74/ 73	.1	2.0	1.6	1.1	.7	.6	.5	.3	.4	.3	.1	.1	.0					2154	2158	1900	710
72/ 71	.3	2.1	1.5	.9	.7	.6	.5	.4	.4	.3	.2	.0	.0					2133	2134	2325	1584
70/ 69	.3	2.1	1.6	.9	.6	.6	.4	.4	.4	.2	.1	.0						2101	2104	2515	1969
68/ 67	.3	2.1	1.6	.8	.7	.6	.5	.4	.3	.2	.0	.0						2013	2023	2618	2029
66/ 65	.3	2.1	1.4	.8	.5	.4	.4	.3	.2	.1	.0	.0						1799	1799	2479	2062
64/ 63	.2	1.3	1.0	.7	.5	.5	.4	.2	.1	.0	.0							1381	1382	2271	2140
62/ 61	.2	1.4	.8	.7	.6	.4	.3	.2	.1	.0								1290	1294	1886	1914
60/ 59	.1	1.3	.8	.6	.6	.4	.3	.1	.0									1189	1191	1970	1686
58/ 57	.1	.8	.7	.6	.5	.3	.2	.1	.0									883	887	1673	1565
56/ 55	.1	.7	.8	.5	.3	.2	.1	.0	.0									765	767	1469	1531
54/ 53	.1	.6	.7	.4	.3	.2	.1	.0										664	665	1346	1301
52/ 51	.1	.6	.5	.3	.2	.1	.0	.0										480	486	1183	1176
50/ 49	.0	.5	.4	.2	.2	.0	.0	.0										375	375	966	1241
48/ 47	.0	.2	.3	.1	.1	.0	.0											187	191	705	1154
46/ 45		.2	.1	.1	.0	.0	.0											139	142	466	1102
44/ 43		.1	.1	.0	.0	.0												57	57	312	879
42/ 41		.0	.1	.0	.0	.0												35	35	165	762
40/ 39		.1	.0															27	27	104	628
38/ 37		.0	.0															19	19	44	476
36/ 35	.0	.0	.0															5	5	35	402
34/ 33	.0																	1	1	15	270
32/ 31																				1	205
30/ 29																					160

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | OCT 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
28/ 27																					95
26/ 25																					62
24/ 23																					22
22/ 21																					26
20/ 19																					12
18/ 17																					10
16/ 15																					5
14/ 13																					6
12/ 11																					2
TOTAL	2.2	20.0	17.1	11.9	10.0	8.9	7.9	6.4	5.6	4.1	2.9	1.7	.9	.3	.1	.0			27373		27324
																		27321		27321	

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.	135764957	1838351	67.3	21.013	27320							
Dry Bulb	137336090	1919694	70.1	9.943	27373			490.6	320.4	134.9	1.5	744
Wet Bulb	108289109	1704671	62.4	8.400	27321		.0	278.6	75.5	.0		744
Dew Point	92780211	1563403	57.2	11.034	27324		16.5	175.1	23.1			744

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89											.0	.0			.0	.0		7	7		
88/ 87									.0	.0	.0	.0	.0	.0	.0	.0		31	31		
86/ 85								.0	.0	.0	.0	.0	.0	.0	.0			65	65		
84/ 83						.0	.1	.1	.1	.1	.1	.0	.1	.0	.0			164	164		
82/ 81				.0	.1	.2	.3	.2	.2	.1	.1	.0	.0	.0				307	307		
80/ 79		.0	.0	.1	.2	.3	.3	.4	.2	.1	.1	.1	.1	.0				464	464	1	
78/ 77		.0	.0	.3	.4	.4	.4	.2	.2	.1	.1	.1	.0					600	600		1
76/ 75		.1	.4	.4	.5	.5	.4	.3	.2	.2	.1	.1	.0	.0				857	857	11	4
74/ 73		.4	.7	.7	.5	.4	.3	.2	.2	.2	.2	.1	.0					1052	1053	121	25
72/ 71	.0	.9	.8	.7	.6	.4	.4	.3	.3	.3	.2	.1	.0					1267	1272	507	157
70/ 69	.1	1.4	1.4	.8	.4	.5	.3	.4	.4	.3	.2	.1						1646	1650	1063	543
68/ 67	.2	1.4	1.2	.5	.4	.3	.4	.4	.4	.3	.1	.0						1497	1498	1363	883
66/ 65	.3	1.6	1.1	.4	.4	.4	.4	.4	.5	.2	.1							1583	1585	1570	1194
64/ 63	.4	1.6	.9	.6	.4	.5	.5	.5	.4	.1	.0	.0						1532	1536	1507	1273
62/ 61	.4	1.5	.9	.6	.6	.6	.5	.5	.4	.1	.0							1617	1620	1396	1356
60/ 59	.3	1.6	1.0	.7	.7	.7	.6	.5	.3	.0								1722	1727	1365	1202
58/ 57	.2	1.5	1.1	.8	.7	.6	.6	.3	.1	.0								1594	1599	1427	1146
56/ 55	.2	1.4	1.1	.8	.8	.8	.5	.3	.0									1551	1557	1572	1220
54/ 53	.1	1.2	1.1	.9	.8	.7	.4	.1	.0									1424	1426	1611	1212
52/ 51	.1	1.1	1.0	.8	.7	.7	.4	.0	.0									1279	1282	1710	1063
50/ 49	.2	1.3	1.1	.9	.8	.6	.2	.0	.0									1362	1366	1783	1143
48/ 47	.2	1.2	.9	.8	.7	.4	.1	.0										1121	1125	1834	1291
46/ 45	.1	.9	.7	.9	.6	.2	.1	.0										935	941	1696	1284
44/ 43	.1	.7	.9	.7	.4	.1	.1											793	799	1291	1252
42/ 41	.1	.6	.7	.6	.2	.1	.0											602	608	1222	1226
40/ 39	.1	.5	.6	.4	.1	.0	.0											482	483	1015	1185
38/ 37	.1	.4	.3	.3	.1	.0	.0											327	327	856	1123
36/ 35	.0	.3	.3	.2	.1	.0												233	233	576	1301
34/ 33	.1	.2	.3	.1	.1	.0												185	185	379	1046
32/ 31		.1	.1	.1	.0													83	83	256	1059
30/ 29		.1	.0	.0	.0													42	42	161	860
28/ 27		.0	.0	.0	.0													17	17	91	629
26/ 25		.0	.0															12	12	36	565
24/ 23		.0	.0															9	9	23	385

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV 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	- 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																				15	296
20/ 19																				4	139
18/ 17																					114
16/ 15																					70
14/ 13																					53
12/ 11																					34
10/ 9																					34
8/ 7																					35
6/ 5																					32
4/ 3																					16
2/ 1																					7
0/ -1																					4
-4/ -5																					1
TOTAL	3.2	22.1	18.5	14.1	11.4	9.5	7.3	5.3	3.9	2.2	1.2	.6	.3	.1	.0	.0			26530		26463
																		26462		26462	

Element (X)	ΣX^2	ΣX	$\bar{y}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	130500520	1769332	66.9	21.466	26461							
Dry Bulb	97460689	1579221	59.5	11.414	26530		4.4	216.2	96.3	22.2		720
Wet Bulb	77307888	1403104	53.0	10.488	26462		15.9	83.4	3.6			720
Dew Point	63307549	124340?	47.0	13.596	26463	.1	117.9	43.9	.8			720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 34321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | DEC MONTH

PAGE 1 | 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
90/ 89														.0				2	2		
88/ 87													.0					2	2		
86/ 85													.0					1	1		
84/ 83							.0	.0	.0	.0	.0	.0	.0	.0				23	23		
82/ 81					.0	.0	.0	.0	.1	.0	.0	.0	.0	.0				52	52		
80/ 79				.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0				108	108		
78/ 77				.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0				183	183		
76/ 75			.0	.1	.2	.2	.2	.1	.1	.1	.1	.1	.0					316	316		
74/ 73		.0	.1	.2	.2	.3	.2	.1	.1	.1	.1	.1	.0					426	426	2	
72/ 71		.1	.3	.3	.3	.3	.2	.2	.2	.1	.1	.0	.0			.0		602	604	35	2
70/ 69	.0	.5	.7	.4	.4	.3	.2	.3	.2	.1	.1	.0	.0					909	911	180	66
68/ 67	.0	.8	1.1	.5	.4	.4	.2	.3	.2	.2	.1	.0						1106	1113	498	202
66/ 65	.2	1.3	.9	.4	.4	.4	.3	.3	.3	.2	.1	.0						1270	1273	862	482
64/ 63	.2	1.3	.6	.4	.4	.4	.4	.4	.3	.2	.0							1219	1223	1067	732
62/ 61	.3	1.1	.6	.6	.4	.4	.5	.4	.4	.1	.0							1222	1226	1044	942
60/ 59	.6	1.2	.8	.6	.6	.6	.6	.5	.3	.0								1527	1531	1029	921
58/ 57	.5	1.4	.8	.6	.6	.6	.7	.5	.2	.0								1565	1571	1143	918
56/ 55	.5	1.4	.9	.7	.7	.7	.6	.4	.1	.0								1602	1607	1355	924
54/ 53	.5	1.7	1.2	.9	.8	.7	.6	.2	.0									1763	1768	1435	1109
52/ 51	.4	1.8	1.0	.9	.8	.8	.4	.1	.0									1618	1621	1612	1162
50/ 49	.5	1.8	1.1	1.1	1.0	.7	.3	.0	.0									1766	1777	1896	1171
48/ 47	.3	1.3	1.1	1.2	1.1	.6	.2	.0										1549	1554	1799	1228
46/ 45	.4	1.7	1.1	1.3	.9	.4	.1	.0										1566	1571	1923	1215
44/ 43	.3	1.5	1.3	1.1	.7	.3	.0											1409	1413	1964	1266
42/ 41	.3	1.3	1.4	.9	.5	.2	.0											1215	1218	1864	1406
40/ 39	.2	1.2	1.4	.9	.4	.0												1106	1107	1671	1494
38/ 37	.1	.9	.9	.7	.3	.0												763	764	1520	1293
36/ 35	.1	.7	.8	.5	.1	.0												587	587	1136	1424
34/ 33	.1	.3	.7	.3	.1	.0												439	439	859	1381
32/ 31	.0	.3	.4	.2	.0													245	245	639	1524
30/ 29	.0	.2	.3	.1	.0													197	198	438	1235
28/ 27	.0	.2	.3	.1														178	179	263	946
26/ 25		.1	.1	.0														67	69	203	966
24/ 23	.0	.1	.0															40	40	141	730

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
Pot. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | DEC 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
22/ 21		.0	.0															9	9	58	583
20/ 19	.0	.0	.0															4	4	19	407
18/ 17																				2	343
16/ 15																					223
14/ 13																					119
12/ 11																					95
10/ 9																					54
8/ 7																					42
6/ 5																					26
4/ 3																					13
2/ 1																					3
0/ -1																					2
-2/ -3																					1
-6/ -7																					2
-8/ -9																					1
TOTAL	5.5	24.4	20.0	15.0	11.2	8.5	5.9	4.2	2.7	1.3	.7	.4	.1	.0		.0			26735		26655
																		26656		26657	

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.	135084222	1809662	67.9	21.414	26655							
Dry Bulb	79526731	1426405	53.4	11.316	26735		20.7	104.1	31.0	3.5		744
Wet Bulb	63475838	1271412	47.7	10.314	26657		49.2	20.0	.1			744
Dew Point	50677939	1107927	41.6	13.175	26655	.2	204.2	7.6				744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.0	.1															3	3		
70/ 69		.6	.6															41	41	4	
68/ 67	.1	1.7	.6	.1					.0									87	87	38	15
66/ 65	.6	1.8	.5						.1	.0								101	101	107	81
64/ 63	.4	1.5	.4			.0		.0										79	79	105	100
62/ 61	.5	1.4	.2	.0	.1	.1	.1			.1								80	80	74	96
60/ 59	.8	1.5	.3	.1	.1	.1	.1	.1										103	103	82	93
58/ 57	.5	2.0	.9	.5	.2	.3	.2	.1	.1									153	158	80	78
56/ 55	.5	2.4	1.1	.7	.6	.3	.2	.1										194	197	114	89
54/ 53	.5	1.9	1.0	.8	.3	.4	.3	.1										180	180	127	108
52/ 51	.9	1.8	1.4	1.1	.5	.5	.2											220	222	156	122
50/ 49	.5	2.3	1.3	1.1	1.0	.7	.1											238	242	171	124
48/ 47	.4	1.8	1.5	1.1	1.3	.5	.0											224	226	191	134
46/ 45	.5	2.2	1.3	1.3	1.0	.6												235	235	210	131
44/ 43	.7	2.2	1.2	1.6	.8	.3												230	230	219	161
42/ 41	.5	2.4	1.6	1.2	.5	.3												221	221	239	172
40/ 39	.6	1.4	2.3	1.1	.7	.1												208	208	263	183
38/ 37	.6	1.8	1.6	.9	.4													184	184	245	164
36/ 35	.2	1.2	1.3	.8	.1	.1												123	126	219	158
34/ 33	.4	1.3	1.1	.4	.1													111	114	162	188
32/ 31	.5	1.3	.8	.4	.1													106	106	168	202
30/ 29	.3	1.1	1.1	.4	.1													99	99	115	185
28/ 27	.0	.6	.6	.3														51	51	91	139
26/ 25		.6	.6	.1														40	40	64	155
24/ 23		.3	.4															25	25	53	110
22/ 21		.4	.2	.0														22	22	42	91
20/ 19	.1	.2	.2	.1														22	22	27	65
18/ 17	.0	.1	.1	.0														8	8	12	74
16/ 15		.0	.0															2	2	14	60
14/ 13		.1																3	4	4	28
12/ 11	.0																	1	1	5	23
10/ 9																					23
8/ 7																					17
6/ 5																					15

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC
0477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 3																					5
2/ 1																					10
0/ -1																					1
-4/ -5																					2
-6/ -7																					5
-8/ -9																					2
TOTAL	10.1	37.7	24.3	13.9	7.8	4.3	1.3	.4	.1	.1								3401	3417	3401	3401

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.	20799083	258387	76.0	18.538	3401							
Dry Bulb	7830423	159127	46.6	11.088	3417		10.3	3.6				93
Wet Bulb	6803347	147049	43.2	11.445	3401		16.3	1.1				93
Dew Point	5797525	131703	38.7	14.321	3401	.3	33.1	.4				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (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
70/ 69		.6	.4	.0														34	34	1	
68/ 67	.1	1.2	.8	.1														72	72	30	9
66/ 65	.5	1.8	.6						.0									97	97	105	68
64/ 63	.6	1.8	.1	.0	.0													88	88	100	117
62/ 61	.8	1.4	.0		.0	.0			.1									79	79	93	104
60/ 59	1.3	1.2	.1	.0	.1		.1			.0								93	93	86	101
58/ 57	1.1	1.4	.5	.1	.2	.1	.1	.1		.0								124	124	84	74
56/ 55	.6	1.5	.6	.4	.1	.1	.1	.0	.1									122	123	79	75
54/ 53	.7	1.9	.6	.4	.2	.5	.1	.0										149	149	107	88
52/ 51	1.1	2.8	1.1	.4	.5	.3	.1	.0										214	220	142	125
50/ 49	.9	2.3	1.4	.9	.7	.6	.2											239	241	168	119
48/ 47	.9	2.0	1.4	.8	.7	.3												205	207	166	133
46/ 45	.6	2.3	1.2	1.1	.8	.2	.0											217	218	180	128
44/ 43	.7	2.4	1.4	1.2	.9	.3												234	236	215	137
42/ 41	.8	2.0	1.7	1.4	.7	.1												227	227	222	173
40/ 39	.8	2.3	1.6	1.3	.4													219	219	240	172
38/ 37	.8	2.8	2.1	1.0	.6													244	244	250	149
36/ 35	.4	1.9	1.7	.9	.1	.0												172	176	250	165
34/ 33	.3	1.4	.9	.5	.1	.0												111	113	214	198
32/ 31	.4	1.6	1.1	.3	.1													120	122	155	189
30/ 29	.2	1.2	1.1	.3														94	94	141	203
28/ 27	.1	1.2	.9	.3														85	85	95	152
26/ 25	.1	.6	.6	.1														49	49	84	155
24/ 23		.5	.3															25	25	66	115
22/ 21		.7	.3															33	33	39	99
20/ 19	.1	.4	.2	.1														24	26	40	77
18/ 17	.1	.2	.2															14	14	20	58
16/ 15	.0	.1	.1															7	7	17	64
14/ 13		.2	.0															7	7	5	35
12/ 11	.1																	2	2	9	34
10/ 9		.0																1	1	1	24
8/ 7																				1	19
6/ 5																					7
4/ 3																					8

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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

5477-5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-73 YEARS | JAN MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					9
0/ -1																					3
-4/ -5																					3
-6/ -7																					6
TOTAL	13.8	41.8	22.8	11.7	6.3	2.4	.7	.2	.1	.1								3405	3423	3405	3405

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.	22042576	267298	78.5	17.640	3405							
Dry Bulb	7418894	154498	45.1	11.411	3423		12.6	2.9				93
Wet Bulb	6565710	143990	42.3	11.834	3405		18.4	.8				93
Dew Point	5707787	130391	38.3	14.489	3405	.3	34.7	.2				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 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
72/ 71						.0												1	1		
70/ 69		.4	.2	.1														23	23		
68/ 67	.3	1.3	.3	.0														67	67	24	15
66/ 65	.5	2.2	.5	.0														111	111	95	75
64/ 63	.3	1.6	.1				.0											72	72	96	91
62/ 61	1.1	1.1	.1	.0	.0		.1	.0										83	83	110	107
60/ 59	.9	1.9	.3	.0	.1	.1	.0	.0										116	116	86	98
58/ 57	1.1	1.3	.1		.1	.0	.1											94	94	100	103
56/ 55	.4	1.7	.3	.1	.1	.1	.1	.1										98	98	69	59
54/ 53	.8	2.1	.6	.4	.2	.1	.1	.1										150	150	98	91
52/ 51	.5	3.0	.5	.4	.4	.4		.1										182	186	115	89
50/ 49	1.2	2.2	1.1	.9	.8	.3	.1											222	223	181	141
48/ 47	.7	1.8	1.6	.6	.5	.1												180	180	132	124
46/ 45	.7	2.6	1.1	1.4	.9	.1												229	229	169	119
44/ 43	.8	2.6	1.4	1.3	.8	.2	.0											244	246	218	132
42/ 41	.9	2.0	1.7	2.1	.6	.1												252	254	203	177
40/ 39	.7	2.4	2.1	1.2	.3	.1												231	231	232	145
38/ 37	.8	2.1	1.8	1.5	.4													225	225	259	162
36/ 35	.4	2.3	1.6	.7	.1													172	172	268	171
34/ 33	.3	1.8	1.4	.4	.1	.0												138	140	188	185
32/ 31	.2	1.8	1.1	.4														118	122	194	198
30/ 29	.3	1.6	1.3	.2	.1													120	121	134	183
28/ 27	.1	1.5	.7	.2														85	85	130	167
26/ 25	.0	.8	.9	.1														60	61	88	165
24/ 23	.1	.6	.5															38	38	69	121
22/ 21	.0	.6	.2															30	30	47	112
20/ 19		.6	.1	.0														25	25	34	80
18/ 17	.1	.2	.3															22	22	32	66
16/ 15	.0	.1	.1															10	10	16	59
14/ 13		.1	.0															6	6	7	50
12/ 11	.1	.0																3	3	11	37
10/ 9																				2	27
8/ 7	.0	.0																2	2	2	17
6/ 5																					15

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-51321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					5
2/ 1																					6
0/ -1																					4
-2/ -3																					5
-4/ -5																					3
-6/ -7																					5
TOTAL	13.1	44.5	22.2	12.2	5.4	1.7	.6	.3										3409	3428	3409	3409

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.	22295120	269350	79.0	17.244	3409							
Dry Bulb	7229276	152332	44.4	11.586	3428		14.2	2.5				93
Wet Bulb	6432150	142296	41.7	12.022	3409		20.9	.7				93
Dew Point	5616437	129027	37.8	14.665	3409	.5	36.1	.4				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN 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															.0			1	1		
78/ 77											.0	.0	.0					3	3		
76/ 75				.0	.1	.0		.0										5	5		
74/ 73			.0	.2	.1		.1			.0	.0	.0						17	17		
72/ 71		.0	.4	.5	.0	.1	.0			.0								37	37		
70/ 69		.6	1.0	.5	.1	.1		.1	.1	.1	.1	.1						88	88	8	2
68/ 67	.1	1.2	1.1	.4	.2	.1	.0	.1	.2	.1	.0	.0						126	126	70	21
66/ 65	.2	1.4	.9	.4	.3	.1	.2	.1	.2	.1								129	129	115	80
64/ 63	.4	1.0	.6	.3	.4	.2	.3	.3	.4	.1								133	134	102	116
62/ 61	.5	1.3	.6	.3	.4	.3	.4	.5	.4	.0								154	154	105	107
60/ 59	.4	1.1	.7	.5	.6	.4	.6	.3	.1									164	166	96	90
58/ 57	.6	1.5	.8	.6	.6	.6	.8	.4	.1									200	200	110	88
56/ 55	.6	1.8	.8	.6	1.0	.7	.6	.1	.1									216	218	134	118
54/ 53	.6	1.9	.8	.9	.7	1.1	.5	.2	.0									227	230	175	127
52/ 51	.6	1.6	.9	.9	.6	.9	.5	.1										207	208	174	123
50/ 49	.4	1.0	1.5	1.0	1.1	1.0	.4	.1										226	227	202	122
48/ 47	.2	1.6	.9	1.3	1.1	.6	.4											208	208	225	98
46/ 45	.5	1.6	1.1	1.2	1.1	.6	.2											214	217	249	146
44/ 43	.7	1.1	1.3	1.4	1.0	.6	.1											208	210	246	169
42/ 41	.2	1.2	1.0	1.3	.8	.4												162	163	222	141
40/ 39	.5	1.4	1.0	.9	.5	.2												155	156	233	174
38/ 37	.5	1.2	.7	.6	.3	.0												117	117	219	167
36/ 35	.1	.6	.8	.5	.4													87	88	180	195
34/ 33	.1	.8	.7	.4	.3													81	81	127	165
32/ 31	.1	.3	.5	.5	.1													52	52	99	185
30/ 29	.2	.5	.6	.4	.0													60	61	68	197
28/ 27	.0	.6	.5	.2	.0													44	44	71	141
26/ 25	.0	.3	.4	.1														29	29	60	121
24/ 23		.2	.3	.1														19	19	39	87
22/ 21		.3	.1	.0														15	15	28	90
20/ 19		.1	.3	.0														15	15	19	65
18/ 17		.1	.1															4	4	15	64
16/ 15			.0															1	1	10	54
14/ 13																				3	46

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 30-75 YEARS | JAN 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
12/ 11																					27
10/ 9																					23
8/ 7																					16
6/ 5																					9
4/ 3																					9
2/ 1																					3
0/ -1																					8
-4/ -5																					4
-6/ -7																					4
-8/ -9																					2
TOTAL	7.6	26.3	20.6	16.1	11.9	7.7	5.0	2.3	1.6	.4	.1	.1	.0		.0			3404	3423	3404	3404

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.	17945632	236180	69.4	21.402	3404							
Dry Bulb	9088986	171998	50.2	11.422	3423		6.5	7.5	.7	.0		93
Wet Bulb	7442509	154491	45.4	11.253	3404		11.3	2.1				93
Dew Point	6009573	134055	39.4	14.649	3404	.5	31.6	.6				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN 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
88/ 87																.1		2	2		
86/ 85														.1		.0		3	3		
84/ 83									.0				.0		.1			4	4		
82/ 81							.0	.1	.1		.1	.0	.0	.1				11	11		
80/ 79						.0	.2	.1	.1	.0	.1	.1			.0			24	24		
78/ 77				.0	.2	.2	.3	.2	.1	.1	.1	.1	.1	.0				52	52		
76/ 75			.0	.1	.6	.5	.2	.3	.1	.1	.2	.1		.0				75	75		
74/ 73			.1	.7	.8	.7	.4	.1	.2	.2	.4	.3	.0					132	132		
72/ 71		.1	.6	.9	.9	.7	.2	.3	.2	.3	.5	.2	.0					170	170	3	
70/ 69		.4	.7	.7	1.1	.6	.5	.4	.4	.5	.5	.1						198	198	25	4
68/ 67		.2	.8	.4	.7	.4	.6	.5	.3	.9	.2							168	168	116	18
66/ 65	.1	.4	.8	1.1	.5	.9	.6	.9	.7	.6	.1							224	224	132	74
64/ 63	.1	.4	.6	.7	.8	.8	.8	.9	.8	.4								214	215	133	92
62/ 61	.1	.6	.5	.4	.6	1.0	.8	.8	.7	.3								196	199	154	117
60/ 59	.2	1.1	.9	.7	.7	.8	.8	1.1	.4	.1								233	235	156	107
58/ 57		.8	.4	.4	.5	.6	.8	.7	.2	.1								150	151	164	150
56/ 55	.3	.6	.6	.5	.7	1.3	.7	.6	.2									191	192	192	157
54/ 53	.1	.6	.6	.6	.6	1.0	.9	.6	.0									173	174	204	109
52/ 51	.2	.8	.6	.6	.9	1.1	.7	.5										186	197	.1	98
50/ 49	.1	1.2	.7	.6	.9	.9	.6	.2										178	179	254	129
48/ 47	.1	.6	.3	.7	.5	.6	.5											115	117	251	152
46/ 45	.4	.9	.6	.6	.5	.6	.3											131	131	224	146
44/ 43	.2	.9	.7	.4	.3	.5	.1											103	104	215	152
42/ 41	.3	.9	.7	.3	.4	.4	.0											105	105	209	146
40/ 39	.4	.9	.6	.3	.4	.2	.1											94	94	180	171
38/ 37	.2	.2	.2	.4	.4	.3												56	55	139	181
36/ 35	.1	.2	.2	.5	.3	.1												49	49	81	177
34/ 33	.1	.4	.3	.3	.1	.0												43	43	66	159
32/ 31	.2	.4	.2	.1	.1													34	34	74	169
30/ 29		.4	.3	.2	.1													35	35	56	166
28/ 27		.3	.3	.2	.0													26	26	48	126
26/ 25		.1	.2	.1	.0													12	12	26	123
24/ 23		.1	.1	.0														6	6	24	82
22/ 21		.2	.1	.1														12	12	18	84

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (YEARS) JAN (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
20/ 19																				11	77
18/ 17																				6	53
16/ 15																					39
14/ 13																					39
12/ 11																					31
10/ 9																					15
8/ 7																					7
6/ 5																					10
4/ 3																					10
2/ 1																					6
0/ -1																					7
-2/ -3																					4
-4/ -5																					6
TOTAL	3.0	13.8	12.6	12.7	13.6	14.4	10.0	8.2	4.6	3.7	2.0	1.0	.2	.2	.1	.1			3418		3403
																		3404		3404	

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.	13134654	196912	57.9	22.619	3403							
Dry Bulb	11619855	194821	57.0	12.281	3418		3.4	22.8	8.2	1.0		93
Wet Bulb	8540696	166538	48.9	10.746	3404		7.2	3.9				93
Dew Point	6228428	136930	40.2	14.534	3403	.5	29.1	.6				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (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
90/ 89																	.0	1	1		
88/ 87												.1			.1	.1	.0	9	9		
86/ 85										.1	.0	.0			.1			7	7		
84/ 83								.0	.1	.0			.1	.1	.1	.0		12	12		
82/ 81						.0	.0	.2	.1	.1	.1	.1	.1	.0	.1			30	30		
80/ 79						.1	.4	.3	.1	.2	.3	.1	.2	.0				64	64		
78/ 77					.2	.5	.7	.2	.2	.2	.0	.3	.2	.1				89	89		
76/ 75				.1	.9	.7	.7	.7	.4	.3	.3	.2	.1					151	151		
74/ 73			.2	.6	.9	.8	.6	.2	.3	.3	.3	.6	.2					170	170		
72/ 71		.1	.3	.3	.7	.7	.4	.3	.7	.4	.6	.4	.1					168	168	2	
70/ 69		.1	.2	.8	.8	.7	.4	.7	.5	.4	.7	.1						186	186	37	1
68/ 67		.2	.5	.5	.6	.6	.5	.6	.6	.7	.5	.0						164	185	129	17
66/ 65		.1	.5	1.0	.8	.8	.9	.9	1.0	1.0	.3							248	248	127	56
64/ 63	.1	.6	.4	.6	.8	.8	.9	.7	.8	.6	.1							217	218	152	74
62/ 61	.1	.5	.5	.4	.4	.6	.6	1.0	.8	.4								189	191	160	131
60/ 59	.0	.6	.4	.4	.3	.6	.7	.9	.4	.2								151	151	171	121
58/ 57	.1	.6	.3	.8	.4	.4	.8	1.3	.7	.1								187	187	173	134
56/ 55	.1	.5	.4	.8	.5	1.0	.8	.6	.2									168	168	221	133
54/ 53	.2	.5	.4	.7	.3	.8	.9	.7	.3									165	167	209	122
52/ 51	.2	.8	.6	.5	.9	1.1	.6	.3										167	167	231	117
50/ 49	.2	1.1	.7	.5	.6	.6	.6	.2										155	156	279	129
48/ 47	.1	.5	.5	.5	.4	.4	.6	.0										105	105	261	164
46/ 45	.2	.9	.8	.4	.4	.4	.4											121	121	208	150
44/ 43	.1	.4	.7	.4	.4	.4	.1											84	84	242	166
42/ 41	.4	.6	.6	.5	.3	.4	.1											94	94	186	154
40/ 39	.2	.6	.4	.4	.3	.2	.1											77	77	147	137
38/ 37	.1	.5	.1	.4	.1	.1												40	40	120	153
36/ 35	.1	.2	.4	.2	.4	.0												47	47	88	191
34/ 33	.1	.6	.4	.1	.1	.1												46	46	70	165
32/ 31	.0	.1	.3		.3													24	24	65	179
30/ 29	.1	.4	.3	.1	.1													31	31	49	161
28/ 27	.0	.1	.1															10	10	32	140
26/ 25		.1	.1															6	6	19	136
24/ 23		.0	.2	.1														10	10	23	95

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477 5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 30-75 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
22/ 21		.2		.1														10	10	9	86
20/ 19		.0																1	1	9	55
18/ 17																				5	20
16/ 15																					52
14/ 13																					35
12/ 11																					27
10/ 9																					18
8/ 7																					9
6/ 5																					8
4/ 3																					7
2/ 1																					6
0/ -1																					4
-2/ -3																					5
-4/ -5																					6
TOTAL	2.5	10.6	10.0	11.4	11.7	12.7	12.0	10.1	7.2	4.9	3.3	2.0	1.0	.2	.3	.1	.1	3424	3431	3424	3424

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.	11685784	184224	53.8	22.764	3424							
Dry Bulb	12543212	202820	59.1	12.706	3431		2.5	29.1	14.4	2.6		93
Wet Bulb	8845289	170289	49.7	10.483	3424		5.7	4.6				93
Dew Point	6163444	136688	39.9	14.369	3424	.4	30.1	.5				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN 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
80/ 79						.0								.0				2	2		
78/ 77				.0			.0	.0	.0	.0			.0	.0				7	7		
76/ 75			.0	.1	.1	.3	.1		.1	.0	.1	.1	.0					28	28		
74/ 73			.1	.3	.3	.2	.1	.0	.1	.1		.0						37	37		
72/ 71			.6	.7	.6	.2	.1	.2	.1	.1	.1	.0						95	95	2	1
70/ 69		.4	.8	.7	.7	.2	.3	.3	.1	.3	.1	.1						136	136	7	2
68/ 67	.1	.4	.8	.9	.5	.3	.1	.3	.3	.2	.1							137	137	76	15
66/ 65	.1	.4	1.1	.7	.5	.4	.4	.5	.1	.1	.1							154	154	82	68
64/ 63	.0	1.0	1.0	1.0	.5	.6	.4	.4	.4	.1								182	182	108	55
62/ 61	.1	.9	.9	.9	.6	.7	.6	.7	.4	.0								202	203	140	102
60/ 59	.3	.9	.9	.9	.9	.9	.9	.8	.3	.0								234	234	141	128
58/ 57	.0	1.0	.8	.8	.9	1.0	1.0	.8	.1									217	218	149	115
56/ 55	.1	1.0	.8	1.0	.9	.8	1.3	.5	.1									223	223	156	128
54/ 53	.4	.8	.9	.9	1.3	.9	.8	.3	.1									216	216	192	125
52/ 51	.3	.8	1.0	.9	1.1	1.2	.6	.2										207	209	199	120
50/ 49	.4	1.8	1.2	.8	1.5	1.0	.7	.0										254	254	239	112
48/ 47	.2	.7	.4	.8	1.1	.6	.5	.0										149	149	263	165
46/ 45	.4	1.4	.6	1.4	.7	.8	.3	.0										191	191	261	163
44/ 43	.4	1.1	1.0	1.2	.7	.5	.1											171	172	260	182
42/ 41	.3	.7	.6	.6	.4	.4	.0											104	105	234	164
40/ 39	.4	.7	.9	.7	.3	.3	.0											116	117	197	166
38/ 37	.2	.8	.4	.4	.3	.1												76	77	178	164
36/ 35	.1	.8	.5	.3	.4	.1												71	71	137	176
34/ 33	.1	.7	.4	.4	.2	.0												60	61	101	185
32/ 31	.2	.4	.4	.3	.2													45	45	81	198
30/ 29	.2	.3	.3	.1	.2	.0												38	38	68	187
28/ 27		.1	.3	.1														18	19	45	135
26/ 25		.1	.2	.1														12	13	29	106
24/ 23		.1	.2	.1														13	13	22	83
22/ 21		.2	.1	.1														11	11	21	86
20/ 19		.1	.1															5	-	14	47
18/ 17		.0	.0															2	2	6	59
16/ 15																				5	56
14/ 13																					31

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					25
10/ 9																					17
8/ 7																					13
6/ 5																					8
4/ 3																					6
2/ 1																					7
0/ -1																					10
-2/ -3																					5
-4/ -5																					4
TOTAL	4.2	17.5	17.3	17.3	14.9	11.5	8.4	5.1	2.2	1.0	.4	.2	.1	.1					3424		3413
																		3413		3413	

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.	15328693	216793	63.5	21.369	3413							
Dry Bulb	10180643	182683	53.4	11.258	3424		4.0	12.0	2.0	.0		93
Wet Bulb	7935913	160617	47.1	10.515	3413		7.9	2.3				93
Dew Point	6088879	135949	39.8	14.051	3413	.5	29.3	.5				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71		.1	.0	.0	.0													6	6		
70/ 69		.6	.9	.3				.0										60	60	4	2
68/ 67	.1	1.4	.7	.3					.1									91	91	39	20
66/ 65	.3	1.4	1.0	.1	.1	.0	.1	.1	.0									111	111	106	65
64/ 63	.1	1.2	.8	.3	.2	.1	.1	.1	.1									104	104	82	90
62/ 61	.1	1.6	.8	.6	.2	.1	.2	.1	.0	.0								128	128	90	78
60/ 59	.3	1.7	1.5	.6	.3	.5	.3	.2	.1	.0								191	192	99	108
58/ 57	.2	1.6	1.4	.6	.4	.6	.6	.2	.1	.0								199	199	116	85
56/ 55	.5	1.8	1.2	.9	.7	.7	.7	.2										225	225	166	100
54/ 53	.6	1.4	1.4	1.0	.9	.9	.7	.1										237	239	145	156
52/ 51	.5	1.1	1.4	1.2	.9	1.1	.3	.0										223	226	155	122
50/ 49	.1	2.0	1.3	1.1	1.6	1.1	.2	.1										259	260	195	107
48/ 47	.4	1.4	1.3	1.2	1.4	.5	.1											217	217	234	159
46/ 45	.5	1.8	1.2	1.4	.9	.4	.0											208	208	213	145
44/ 43	.6	1.6	1.4	1.3	.8	.2												198	198	280	150
42/ 41	.4	1.6	1.0	1.1	.9	.3												178	178	274	174
40/ 39	.4	1.2	1.7	1.3	1.0	.2												198	199	234	166
38/ 37	.4	1.1	1.2	.8	.4	.1												134	135	200	173
36/ 35	.1	.9	.9	.6	.4	.1												97	100	158	191
34/ 33	.2	1.2	.7	.5	.2													97	97	172	187
32/ 31	.3	.6	.7	.5	.1													72	72	127	190
30/ 29		.7	.5	.4	.0													56	56	87	169
28/ 27		.3	.7	.3														43	43	70	157
26/ 25		.2	.4	.2	.0													26	26	44	137
24/ 23		.2	.1	.1														12	12	44	89
22/ 21		.2	.3	.0														16	16	26	94
20/ 19		.2	.2	.1														17	17	19	46
18/ 17																				14	58
16/ 15		.0																1	1	8	58
14/ 13		.1																2	2	3	28
12/ 11																				1	21
10/ 9																					22
8/ 7																					17
6/ 5																					12

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | JAN MONTH

PAGE 2 | 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.P./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					10
2/ 1																					4
0/ -1																					6
-2/ -3																					2
-4/ -5																					4
-6/ -7																					1
-8/ -9																					1
TOTAL	5.9	29.3	24.8	16.6	11.5	6.8	3.4	1.2	.4	.1								3418			3404
																	3405		3405	

Element (X)	ΣX^1	ΣX	$\bar{X}$	σ_x	Nu. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18693195	243365	71.5	19.538	3404							
Dry Bulb	8600424	167474	49.0	10.746	3418		6.7	4.3				93
Wet Bulb	7211637	152213	44.7	10.938	3405		12.1	1.2				93
Dew Point	5932754	133756	39.3	14.104	3404	.4	30.8	.6				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB 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						2	2		
72/ 71											.0	.0						2	2		
70/ 69		.5	.5				.0	.0			.1							34	34	3	3
68/ 67	.1	1.5	1.1	.0		.0	.1		.0									88	88	26	12
66/ 65	.3	2.0	.9	.1		.0	.1		.0									102	102	80	47
64/ 63	.7	2.4	.9	.3		.1	.1	.1	.0	.0								138	138	131	120
62/ 61	.5	2.8	.8	.1		.1	.2	.1	.1									143	143	114	108
60/ 59	.9	2.0	1.0	.1	.3	.3	.2	.1	.1	.0								153	155	140	145
58/ 57	.4	1.8	.6	.4	.6	.3	.3	.1		.0								140	140	106	96
56/ 55	.9	2.5	1.1	.4	.5	.5	.3	.3										193	193	124	115
54/ 53	.7	2.9	1.5	.6	1.0	.9	.4	.1										247	247	122	126
52/ 51	.7	1.9	1.2	1.2	1.0	.4	.2											203	203	189	105
50/ 49	.3	2.1	1.6	1.7	1.1	.6	.1	.1										235	235	164	139
48/ 47	.6	2.2	1.3	1.4	1.1	.7	.1											227	227	186	120
46/ 45	.8	2.4	1.3	1.9	.9	.4												235	235	231	146
44/ 43	.5	2.5	1.6	1.1	.7	.3	.0											203	203	273	164
42/ 41	.2	2.0	1.7	.9	.6	.2	.0											174	174	233	147
40/ 39	.3	1.0	1.3	.7	.7	.0												123	123	216	177
38/ 37	.1	1.3	1.1	1.0	.3	.1												137	138	164	170
36/ 35		1.0	.9	.7	.3													89	89	146	160
34/ 33	.1	.6	1.1	.5	.1													71	71	129	160
32/ 31	.1	.5	.4	.2														35	35	90	138
30/ 29	.0	.8	.4															37	37	80	136
28/ 27		.4	.3															19	19	58	102
26/ 25		.3	.1															11	11	22	114
24/ 23			.0															1	1	13	80
22/ 21			.0															1	1	1	60
20/ 19			.0															1	1	2	33
18/ 17		.1	.1															5	5	1	54
16/ 15		.0																1	1	3	34
14/ 13																				3	15
12/ 11																					9
10/ 9																					5
8/ 7																					5

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

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

9477 5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																					4
0/ -1																					3
TOTAL	8.3	37.6	23.3	13.1	9.1	5.0	2.1	1.0	.2	.1	.1	.1						3050	3053	3050	3050

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.	18662934	231568	75.9	18.833	3050							
Dry Bulb	7908780	152478	49.9	9.806	3053		3.1	3.5	.1			84
Wet Bulb	6853026	141104	46.3	10.325	3050		7.5	.8				84
Dew Point	5879695	127665	41.9	13.258	3050	.1	21.8	.4				84

USAFETAC FORM 0-26-3 (OL A) 1 JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB 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 - 9	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
74/ 73												.0							1	1		
70/ 69		.3	.2							.0									16	16	1	1
68/ 67	.2	1.6	.7	.1						.1									80	80	26	9
66/ 65	.7	1.7	.5			.0	.0		.1		.0								93	93	82	49
64/ 63	.7	2.4	.9			.1			.1		.0								124	124	103	107
62/ 61	1.1	2.4	.5	.0		.0	.1	.0	.1	.1									134	134	122	117
60/ 59	.9	1.6	.5	.1	.2	.1	.2	.0	.0										108	108	121	126
58/ 57	.9	1.7	.7	.2	.4	.2	.2	.2	.0										136	136	87	101
56/ 55	.7	2.1	.6	.7	.5	.4	.3		.1										161	161	92	78
54/ 53	1.2	2.6	1.1	.8	.6	.5	.1	.1	.1										217	218	145	119
52/ 51	.7	2.0	1.2	.6	.8	.4	.1		.0										175	175	125	106
50/ 49	1.0	2.4	1.0	.9	.9	.5		.0											206	206	190	121
48/ 47	1.0	2.0	1.4	1.4	.8	.4	.1												218	218	175	134
46/ 45	1.0	3.1	2.0	1.5	.9	.4													269	269	198	144
44/ 43	.6	2.8	1.8	1.2	.4	.3													217	217	245	176
42/ 41	.4	2.5	1.9	1.0	.5	.1													196	196	232	138
40/ 39	.5	1.7	1.6	.7	.7	.0													158	158	242	154
38/ 37	.2	1.5	1.5	.7	.4	.1													133	133	199	169
36/ 35	.1	2.1	1.6	.4	.2														132	132	143	185
34/ 33	.3	1.1	.8	.8	.2														95	95	164	170
32/ 31	.1	.9	.7	.2															60	60	116	160
30/ 29	.0	1.1	.4	.2															54	54	79	140
28/ 27		.6	.2																23	23	78	119
26/ 25	.0	.4	.3																22	22	38	108
24/ 23		.3	.1																14	14	20	73
22/ 21		.1																	2	2	19	65
20/ 19		.1	.0																3	3	1	43
18/ 17			.1																3	3	3	53
16/ 15																					1	30
14/ 13		.1																	2	2	2	27
12/ 11		.0																	1	1	2	9
10/ 9	.0																		1	1	2	11
8/ 7																						5
6/ 5																						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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477 5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB MONTH

PAGE 2 | 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
4/ 3																					5
0/ -1																					1
TOTAL	12.1	40.9	22.2	11.4	7.4	3.6	1.2	.3	.5	.2	.1	.0						3054	3055	3054	3054

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.	19721328	239054	78.3	18.181	3054							
Dry Bulb	7422696	147290	48.2	10.259	3055		5.1	2.7	.0			84
Wet Bulb	6545096	137552	45.0	10.703	3054		9.9	.7				84
Dew Point	5696593	125451	41.1	13.341	3054	.0	23.4	.3				84

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

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB MONTH

 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
70/ 69		.2	.2															13	13		
68/ 67	.0	1.4	.4	.1														58	58	15	7
66/ 65	.8	1.4	.6				.0			.0	.0							86	86	81	56
64/ 63	.5	2.1	.6	.0			.0			.1								102	102	77	73
62/ 61	1.4	2.7	.4	.0	.1	.1	.1	.1										152	152	131	111
60/ 59	1.1	1.6	.4	.1	.1	.1	.2	.1	.2									117	117	125	137
58/ 57	1.0	1.6	.8	.2	.3	.1	.1	.1	.0									133	133	100	96
56/ 55	1.0	1.6	.6	.7	.3	.2	.3	.1	.1									147	149	99	106
54/ 53	1.2	2.4	.7	.7	.5	.5	.1	.0										185	185	117	101
52/ 51	1.2	1.9	.7	.9	.8	.2	.2											177	177	140	110
50/ 49	1.0	2.7	1.1	.6	1.0	.3	.0	.0	.0									209	209	161	114
48/ 47	.7	2.3	1.3	1.1	.9	.2	.1	.0										201	201	166	126
46/ 45	.9	3.4	1.4	1.7	.8	.4												262	262	206	124
44/ 43	.7	2.9	1.5	1.2	.6	.2												217	217	250	177
42/ 41	.9	2.5	2.1	1.2	.5	.1	.0											224	224	220	176
40/ 39	.5	2.0	1.5	1.0	.4	.2												168	168	232	162
38/ 37	.2	1.5	1.7	.9	.4	.1												147	147	195	135
36/ 35	.3	1.4	1.8	.7	.1	.0												132	132	165	173
34/ 33	.3	1.2	.9	.5	.0													88	88	155	163
32/ 31	.2	1.1	.6	.4	.1													70	70	132	159
30/ 29	.1	1.6	.7	.2														79	79	92	143
28/ 27		.7	.3	.1														34	34	83	137
26/ 25		.6	.2															25	25	48	132
24/ 23		.3	.2															14	14	31	79
22/ 21	.0	.1																3	3	19	71
20/ 19			.1															2	2	3	37
18/ 17																				2	44
16/ 15		.1																3	3		33
14/ 13		.0	.1															3	3	3	24
12/ 11																				1	12
10/ 9																				2	10
8/ 7	.0																	1	1	1	11
6/ 5																					7
4/ 3																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					2
0/ -1																					1
-6/ -7																					2
TOTAL	13.9	41.2	21.0	12.1	6.8	2.8	1.3	.6	.3	.1	.0								3054		3052
																		3052		3052	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19991843	240739	78.9	18.127	3052							
Dry Bulb	7225325	145105	47.5	10.321	3054		6.4	2.0				84
Wet Bulb	6403657	135163	44.5	10.796	3052		11.5	.4				84
Dew Point	5594611	124035	40.6	13.472	3052	.1	24.9	.2				84

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB 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	Wet Bulb	Dew Point
86/ 85																.0		1	1		
84/ 83												.0	.0		.0			3	3		
82/ 81													.0					1	1		
80/ 79											.1							2	2		
78/ 77										.0		.0						2	2		
76/ 75				.1	.0	.1			.0	.1	.0	.0	.1					12	12		
74/ 73			.0	.3	.1	.0	.0			.1		.0	.0					19	19		
72/ 71		.0	.5	.4	.1	.1	.2		.1	.2	.1							53	53		
70/ 69		.5	1.1	.5	.4		.1	.2	.2	.1	.2							99	99	10	1
68/ 67	.1	1.0	.9	.5	.5	.2	.2		.1	.3	.2							120	120	49	18
66/ 65	.3	1.2	1.6	.9	.3	.3	.4	.3	.4	.1	.1							182	182	108	64
64/ 63	.5	1.4	1.5	.8	.4	.4	.4	.3	.4	.2								192	192	98	102
62/ 61	.6	1.6	.9	.7	.5	.8	.5	.4	.4	.2								198	198	147	113
60/ 59	.6	1.3	.9	.7	.7	.8	.6	.6	.3		.0							202	202	159	123
58/ 57	.7	1.5	1.4	.7	.9	1.0	.7	.4	.1	.0								222	222	139	132
56/ 55	.7	1.7	1.2	.7	1.0	.6	.8	.4	.1	.0								221	221	176	130
54/ 53	.5	1.5	1.0	1.0	.6	.8	.7	.3	.1									202	202	177	123
52/ 51	.3	1.6	.9	.8	1.2	1.2	.5	.3	.0									208	208	205	133
50/ 49	.5	1.7	1.6	1.0	1.1	.9	.5	.1	.0									224	224	226	141
48/ 47	.5	1.3	.7	.9	.8	.8	.2	.1										158	158	246	140
46/ 45	.4	1.5	.7	1.4	1.0	.6	.2											178	178	227	147
44/ 43	.3	1.1	.7	.9	.6	.6	.1											131	131	201	146
42/ 41	.3	1.3	.9	.5	.7	.3												121	121	195	171
40/ 39	.4	.8	.6	.7	.9	.2												103	103	183	167
38/ 37	.1	.6	.5	.6	.2	.0												58	58	154	126
36/ 35	.0	.5	.4	.3	.2													43	43	98	151
34/ 33	.0	.5	.4	.3	.2													41	41	86	141
32/ 31	.1	.4	.3	.1	.1													29	29	74	139
30/ 29	.1	.2	.2	.1														16	16	45	127
28/ 27	.0	.1	.0	.0														7	7	30	87
26/ 25			.0															1	1	11	118
24/ 23																				3	80
22/ 21				.0														1	1	2	61
20/ 19			.0															1	1		44

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9277-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17			.0															1	1	2	29
16/ 15		.0																1	1	1	35
14/ 13																				1	21
12/ 11																					17
10/ 9																					8
8/ 7																					5
6/ 5																					5
4/ 3																					3
2/ 1																					2
0/ -1																					1
-4/ -5																					1
-6/ -7																					1
TOTAL	6.0	23.5	18.8	14.7	12.7	9.6	6.0	3.2	2.3	1.3	.7	.1	.2		.0	.0		3053	3053		3053
																		3053		3053	

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.	15664246	207844	68.1	22.276	3053							
Dry Bulb	9219079	154959	54.0	10.014	3053		1.6	8.6	1.1	.2		84
Wet Bulb	7462197	147919	48.5	9.839	3053		4.6	1.6				84
Dew Point	6007078	128908	42.2	13.596	3053	.1	21.6	.5				84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 30-75 YEARS | FEB 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																.0		1	1		
92/ 91															.0			1	1		
90/ 89															.0	.0		2	2		
88/ 87									.0				.0	.1	.0			6	6		
86/ 85														.1		.1	.0	6	6		
84/ 83							.0	.1	.1	.0		.1	.1	.1	.0	.0		14	14		
82/ 81						.0	.1	.1	.1			.1	.1		.0			18	18		
80/ 79						.2	.2	.2	.3	.1	.1	.1	.2		.0			46	46		
78/ 77					.3	.5	.4	.4	.2	.1	.2	.3	.3		.0			82	82		
76/ 75			.1	.2	.4	.8	.7	.6	.1	.3	.2	.2	.3	.1				116	116		
74/ 73			.1	.4	.7	.6	.6	.3	.4	.4	.5	.4	.1					139	139		
72/ 71		.0	.5	.7	1.0	1.2	.6	.3	.4	.3	.5	.4	.0					179	179	5	
70/ 69		.5	.7	.8	.7	.8	.5	.8	.6	.7	.6	.1	.0					205	205	37	2
68/ 67	.0	.4	.7	.8	.9	1.1	.8	.8	.9	.6	.6	.1						237	237	110	24
66/ 65	.2	.6	.5	.9	.8	.7	.8	.9	.9	.7	.4	.1						225	225	126	78
64/ 63	.1	.7	.7	.9	.7	.5	1.0	1.0	.9	.5	.0	.0						219	219	180	80
62/ 61	.2	.6	.4	.8	.7	.5	.9	1.0	.9	.4	.2							194	194	166	117
60/ 59	.3	.6	.5	.8	.5	.7	.8	.7	.6	.1								170	170	173	129
58/ 57	.3	.6	.5	.7	.6	.9	.9	.5	.6	.0								173	173	193	134
56/ 55	.3	.7	.6	.4	.9	1.0	.8	.6	.3									165	165	204	139
54/ 53	.2	.5	.4	.6	.5	1.1	.5	.4	.1									130	131	224	149
52/ 51	.1	.5	.5	.5	.6	.8	.5	.4	.1									117	117	223	134
50/ 49	.1	1.1	.3	.9	.4	.5	.6	.2										124	124	234	109
48/ 47	.3	1.0	.5	.5	.4	.6	.6	.1										120	120	255	146
46/ 45	.2	1.1	.4	.5	.4	.5	.3											103	104	198	129
44/ 43	.2	.4	.5	.4	.5	.1	.1											68	68	197	134
42/ 41	.3	.9	.1	.1	.3	.3												59	59	144	167
40/ 39	.0	.6	.3	.2	.3	.0												43	43	104	143
38/ 37	.0	.5	.2	.3	.1													33	33	96	155
36/ 35	.0	.0	.3	.2	.1													19	19	64	159
34/ 33		.3	.2	.0														17	17	39	143
32/ 31	.0	.3	.0															12	12	47	144
30/ 29		.1																2	2	22	112
28/ 27		.0																1	1	5	91

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | KANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					102
24/ 23			.2															1	1		73
22/ 21			.1															2	2		67
20/ 19																				3	62
18/ 17																					37
16/ 15																					30
14/ 13																					30
12/ 11																					13
10/ 9																					10
8/ 7																					5
6/ 5																					1
TOTAL	3.1	12.0	9.1	11.4	11.5	13.2	11.5	9.4	7.4	4.4	3.3	1.8	1.2	.4	.2	.2	.0		3051		3049
																		3049		3049	

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.	11070186	169382	55.6	23.340	3049							
Dry Bulb	11657693	185553	60.8	11.057	3051		.5	29.0	11.9	1.8	.0	84
Wet Bulb	8377526	157244	51.6	9.378	3049		2.1	4.2				84
Dew Point	6031193	129079	42.3	13.635	3049		21.4	.7				84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93																.1		2	2		
92/ 91															.0	.0		2	2		
90/ 89												.0	.0	.0	.0		.1	5	5		
88/ 87									.0	.1	.0	.1		.0	.2		.0	13	13		
86/ 85									.2	.1	.1			.1	.1	.0		18	16		
84/ 83								.1	.1	.1	.0	.0		.0	.1	.0		17	17		
82/ 81						.1	.2	.4	.6	.3	.1	.1	.2	.0	.1	.1		63	63		
80/ 79					.0	.3	.6	.5	.6	.4	.3	.3	.3	.1	.1			107	107		
78/ 77				.1	.2	.5	.8	.5	.4	.4	.4	.3	.5	.2				128	128		
76/ 75				.3	.4	.7	.8	.5	.3	.4	.4	.7	.4	.2	.0			152	152		
74/ 73			.1	.5	.7	.7	.8	.7	.5	.2	.6	.5	.2		.0			167	167		
72/ 71		.1	.0	.2	.6	.7	.6	.6	.6	1.0	.7	.4	.1					209	209	14	
70/ 69		.1	.3	.5	.6	.9	.6	.6	1.3	1.2	1.1	.6						236	236	60	4
68/ 67		.1	.3	.4	.6	.7	.7	.9	1.0	1.0	.8	.1	.1					196	196	106	28
66/ 65		.5	.3	.4	.9	.5	.4	.8	1.0	.8	.4	.1						185	195	146	60
64/ 63	.2	.5	.3	.6	.3	.6	.5	.7	.9	.9	.1							173	173	165	73
62/ 61	.1	.6	.5	.7	.7	.5	.9	.8	.9	.2	.1							181	181	144	121
60/ 59	.3	.5	.6	.4	.4	.4	.8	1.1	.7	.3								168	168	178	93
58/ 57	.1	.6	.6	.4	.5	1.2	.7	.6	.5	.0								161	161	202	127
56/ 55	.5	.6	.4	.4	.6	.7	.9	.3	.4	.0								143	143	219	148
54/ 53	.0	.2	.4	.5	.4	.8	.6	.6	.3									118	118	255	131
52/ 51	.2	.6	.3	.5	.2	.6	.7	.4	.2									111	111	214	144
50/ 49	.3	.9	.6	.5	.3	.7	.5	.3										122	122	257	131
48/ 47	.2	.7	.3	.4	.2	.5	.4	.1										84	84	245	114
46/ 45	.3	1.1	.2	.2	.4	.4	.1											84	84	217	126
44/ 43	.1	.5	.4	.3	.2	.2												49	49	168	146
42/ 41	.1	.8	.2	.1	.2	.1												47	47	116	142
40/ 39	.1	.5	.2	.0		.1												28	28	107	150
38/ 37	.0	.3	.4	.1	.2													29	29	93	157
36/ 35		.3	.2	.0														15	15	54	151
34/ 33	.0	.2	.1															11	11	34	136
32/ 31		.4	.1															15	15	22	157
30/ 29		.1		.0														4	4	18	124
28/ 27				.0														1	1	5	116

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (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
26/ 25			.0															1	1	1	110
24/ 23																				1	59
22/ 21																				1	57
20/ 19																					53
18/ 17																					40
16/ 15																					38
14/ 13																					25
12/ 11																					17
10/ 9																					11
8/ 7																					4
6/ 5																					2
4/ 3																					1
TOTAL	2.5	10.0	7.6	8.0	8.6	11.8	11.4	10.2	10.4	7.6	5.0	3.2	1.8	.9	.7	.2	.1	3046	3046	3046	3046

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.	9600489	155015	50.9	23.708	3046							
Dry Bulb	12522864	192102	63.1	11.569	3046		.6	36.3	10.6	4.7	.1	84
Wet Bulb	8564560	159080	52.2	9.177	3046		1.3	5.0				84
Dew Point	5845492	126792	41.6	13.654	3046		73.6	.9				84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 69-75 YEARS | FEB 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
88/ 87													.0	.0				2	2		
86/ 85									.0									1	1		
84/ 83												.0	.0		.0	.0		4	4		
82/ 81								.1		.0	.0		.1					7	7		
80/ 79						.1	.0	.1		.1	.1							10	10		
78/ 77					.0	.1	.2	.2		.1	.1	.1	.0	.1				25	25		
76/ 75				.2	.2	.3	.2	.3	.2	.1	.2	.1		.1				56	56		
74/ 73			.1	.6	.4	.5	.2	.2	.2	.2	.2	.1	.1					80	80		
72/ 71		.1	.5	.5	.8	.5	.4	.1	.1	.3	.1	.1	.0					107	107		
70/ 69	.0	.3	1.0	.8	.8	.6	.7	.3	.4	.4	.4	.1		.0				179	179	22	2
68/ 67		.5	1.1	1.0	.9	.6	.4	.3	.5	.6	.1		.0					190	190	70	22
66/ 65	.0	.8	.7	1.0	1.1	.6	.5	.5	.5	.5	.1	.0						193	193	99	53
64/ 63	.1	.8	.6	.8	.8	.5	.8	1.0	.7	.5	.1							201	201	131	90
62/ 61	.3	.7	.9	.8	.9	.8	.9	.9	.-	.2	.1							218	218	147	96
60/ 59	.3	1.0	.9	.5	.8	1.2	1.3	1.0	.4	.1								226	226	166	104
58/ 57	.2	.9	1.0	.5	.8	1.2	1.2	.8	.3	.1								207	207	179	124
56/ 55	.6	1.1	.8	.9	1.1	1.0	1.0	.-	.3									223	223	170	145
54/ 53	.1	.9	.5	.9	1.1	1.3	.9	.4	.0									178	180	180	128
52/ 51	.3	.7	.6	.8	.8	1.0	.6	.2	.0									153	153	217	138
50/ 49	.3	1.1	.8	.9	.9	.7	.8	.3										173	173	242	141
48/ 47	.3	.8	.8	.8	.7	.5	.5	.1										140	140	275	115
46/ 45	.4	1.3	.4	.8	.6	.5	.3	.0										133	133	268	132
44/ 43	.2	.9	.5	.5	.6	.5	.3											101	101	207	153
42/ 41	.2	.9	.6	.5	.5	.2												84	84	175	165
40/ 39		.3	.4	.3	.3	.1												44	44	150	145
38/ 37	.1	.6	.3	.3	.1	.0												40	40	97	164
36/ 35	.1	.3	.4	.1														27	27	97	177
34/ 33	.1	.1	.1	.0	.0													12	12	71	154
32/ 31	.0	.2	.1															10	10	40	142
30/ 29	.0	.2	.2	.0														14	14	19	112
28/ 27		.0		.0														2	2	12	111
26/ 25				.0														1	1	4	111
24/ 23				.0														1	1	1	68
22/ 21																				2	79

Element (X)	$\Sigma y'$	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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 59-75 (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
20/ 19																				1	45
18/ 17																					37
16/ 15																					38
14/ 13																					26
12/ 11																					12
10/ 9																					5
8/ 7																					4
6/ 5																					1
4/ 3																					1
0/ -1																					2
TOTAL	3.6	14.3	13.1	13.3	14.0	12.5	11.2	7.5	4.3	3.3	1.7	.7	.3	.2	.0	.0		3042	3044	3042	3042

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.	12394009	181473	59.7	22.708	3042							
Dry Bulb	10447416	175586	57.7	10.241	3044		.8	18.2	5.1	.5		84
Wet Bulb	7833945	151773	49.9	9.275	3042		2.2	2.5				84
Dew Point	5837683	126965	41.7	13.307	3042	.1	21.9	.7				84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-75 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75				.0								.1	.0					5	5		
74/ 73				.0		.1							.0					4	4		
72/ 71		.0	.2	.2	.1	.0	.1	.0				.0						20	20		
70/ 69		.8	.9	.3	.1	.1	.0	.1	.0		.0	.0						74	74	4	1
68/ 67	.1	1.1	2.0	.3	.1		.1	.0		.1	.1							121	121	52	18
66/ 65	.1	1.5	1.5	.8	.1	.1	.3	.1	.0	.2								145	145	80	62
64/ 63	.2	1.3	1.7	1.0	.2	.2	.3	.2	.1		.0							169	169	139	102
62/ 61	.6	1.5	1.0	.9	.3	.2	.4	.2	.3	.1								164	164	113	124
60/ 59	.4	1.9	1.4	.7	.5	.6	.6	.5										202	202	147	103
58/ 57	.4	1.5	1.3	.7	.8	.5	.8	.6	.1									200	201	148	132
56/ 55	.5	1.7	1.1	1.0	1.2	1.2	.9	.4		.0								247	247	141	132
54/ 53	.3	1.9	1.5	1.3	1.2	1.2	.6	.2										248	248	147	126
52/ 51	.6	1.1	1.1	1.4	1.5	1.0	.2	.1										217	218	181	139
50/ 49	.2	1.0	1.5	1.6	1.2	.9	.4	.1										211	211	177	115
48/ 47	.6	1.2	1.0	1.4	.6	.8	.5	.1										182	182	237	107
46/ 45	.6	1.9	1.1	1.4	.8	.7	.1											202	202	270	143
44/ 43	.2	1.7	1.7	1.2	.6	.4	.1											179	179	268	158
42/ 41	.2	1.3	.9	.7	.8	.3	.1											133	133	209	154
40/ 39		.6	1.0	.6	.6	.2												93	93	185	166
38/ 37	.0	.8	.7	.7	.3	.0												79	79	138	162
36/ 35		.6	.8	.5	.2													62	62	130	175
34/ 33	.1	.4	.5	.2	.0													37	37	94	167
32/ 31	.0	.3	.3	.1														20	20	89	123
30/ 29		.5	.2															20	20	47	144
28/ 27		.2	.0	.0														9	9	36	96
26/ 25																				10	94
24/ 23			.0															1	1		74
22/ 21			.0	.0														2	2	1	73
20/ 19			.1															2	2	1	46
18/ 17																				2	33
16/ 15																				2	37
14/ 13																					23
12/ 11																					7
10/ 9																					2

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9277 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 69-75 YEARS | FEB MONTH

 2100-2500 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
87																					3
67																					1
47																					2
27																					2
07																					2
-1																					
TOTAL	5.2	25.3	23.3	17.1	11.4	8.4	5.5	2.6	.5	.4	.1	.2	.1					3048		3048	

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.	16238276	213646	70.1	20.359	3048							
Dry Bulb	8747645	160743	52.7	9.515	3050		1.5	6.2	.2			84
Wet Bulb	7244326	145514	47.7	9.879	3048		5.2	1.5				84
Dew Point	5946882	128358	42.1	13.330	3048	.1	21.0	.5				84

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-71,73-75 YEARS | MAR MONTH

PAGE 1 | 0000-0230 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	.0														4	4		
72/ 71		.6	.7	.1			.0		.0									46	46	2	1
70/ 69	.2	1.8	2.1	.4		.1	.1											154	154	42	21
68/ 67	.2	3.4	2.3	.1	.2	.1			.0	.1								208	208	116	76
66/ 65	.3	2.9	2.8	.3	.1	.1	.0	.1	.0	.1	.0							219	219	204	157
64/ 63	.4	3.3	1.9	.6	.3	.2	.2	.2	.1	.1	.1							242	242	201	201
62/ 61	.1	3.1	1.8	.5	.2	.2	.4	.1	.1	.1								214	214	186	172
60/ 59	.4	3.3	1.8	.8	.6	.6	.7	.3	.1									275	275	202	178
58/ 57	.2	2.3	2.0	.8	1.0	.8	.5	.2	.1									262	262	200	165
56/ 55	.2	2.1	1.6	.9	1.0	1.0	.5	.1	.1									246	247	156	135
54/ 53	.2	1.7	1.8	1.0	.9	.7	.2	.0										215	215	189	151
52/ 51	.2	1.1	1.3	1.2	1.3	.6	.2	.0										192	192	173	135
50/ 49	.2	.9	1.7	1.5	1.0	.7	.1											201	201	208	138
48/ 47	.1	1.2	1.1	1.3	.9	.3	.0											161	161	206	126
46/ 45	.2	1.1	1.0	1.3	1.0	.2												154	154	260	132
44/ 43	.1	.3	1.0	.8	.4	.3	.0											94	94	199	119
42/ 41	.2	.6	.7	1.3	.6	.3												120	120	151	172
40/ 39	.0	.6	.8	.6	.5	.1												85	85	149	136
38/ 37	.1	.2	.5	.5	.2	.1												55	55	112	128
36/ 35	.2	.5	.1	.2	.0													33	33	100	166
34/ 33	.1	.3	.2	.2	.1													30	30	79	136
32/ 31		.1	.2	.1														11	11	46	116
30/ 29		.1	.0	.2														9	9	24	124
28/ 27		.1	.2	.0														11	11	18	74
26/ 25			.0															1	1	13	62
24/ 23																				6	34
22/ 21																				2	39
20/ 19																					34
18/ 17																					21
16/ 15																					10
14/ 13																					22
12/ 11																					11
10/ 9																					5
8/ 7																					2

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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-71,73-75 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.6	31.6	27.9	14.8	10.3	6.4	3.1	1.3	.5	.4	.1							3242	3243	3243	3243

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.	19037505	241123	74.4	18.457	3242							
Dry Bulb	10273833	179963	55.5	9.412	3243		.9	11.8	.1			93
Wet Bulb	8837282	165950	51.2	10.321	3243		3.1	4.6				93
Dew Point	7664313	151389	46.7	13.572	3243		15.9	2.8				93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-43,47-71,73-75 YEARS | MAR 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															2	2		
72/ 71		.2	.6	.1				.1		.0								31	31		
70/ 69	.3	1.4	1.9	.2	.0	.0				.0								128	128	24	14
68/ 67	.4	2.9	2.2	.2	.1			.1	.0	.1								190	190	113	70
66/ 65	.6	3.1	1.9	.1	.0	.0		.0	.1		.0							192	192	205	147
64/ 63	.4	3.8	1.7	.2	.2	.0	.1	.1										207	207	188	209
62/ 61	.3	3.4	1.0	.3	.3	.1	.1	.1	.0	.1								185	185	182	162
60/ 59	.6	3.8	.9	.6	.3	.2	.2	.2	.3									233	233	190	195
58/ 57	.6	3.0	1.0	.5	.6	.6	.3	.3		.1								227	227	180	169
56/ 55	.6	2.5	1.1	.5	.5	.6	.5	.1	.1	.0								211	211	170	168
54/ 53	.5	2.0	1.3	.5	.6	.6	.4	.1		.0								192	192	152	139
52/ 51	.6	1.9	1.2	.6	.7	.7	.2	.1										196	196	157	126
50/ 49	.7	1.3	1.5	1.6	1.1	.4	.1	.0										217	217	171	143
48/ 47	.2	1.9	1.9	1.2	.4	.2	.1											187	187	154	104
46/ 45	.2	1.9	1.3	1.2	1.0	.2												190	190	224	121
44/ 43	.1	1.4	1.5	1.1	.4	.1												150	150	241	127
42/ 41	.4	.9	1.1	1.4	.3	.1												139	139	204	142
40/ 39	.0	.8	1.4	.5	.5	.1												108	108	148	153
38/ 37		.5	.9	.7	.3													80	80	152	133
36/ 35	.1	1.0	.8	.3	.1													76	76	124	144
34/ 33	.1	.3	.2	.3	.1													32	32	90	136
32/ 31	.0	.5	.2	.2	.1													34	34	74	144
30/ 29		.1	.3	.1	.0													15	15	37	136
28/ 27		.1	.1															6	6	23	90
26/ 25		.1	.1															6	6	15	70
24/ 23		.0	.2															7	7	10	38
22/ 21																				7	46
20/ 19																				3	23
18/ 17																					31
16/ 15																					18
14/ 13																					13
12/ 11																					12
10/ 9																					5
8/ 7																					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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-71,73-75 (YEARS) MAR (MONTH)

PAGE 2 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
6/ 5																					2
4/ 3																					1
2/ 1																					3
0/ -1																					2
TOTAL	6.5	38.6	26.7	12.4	7.8	3.9	2.1	1.2	.5	.3	.0							3241		3241	
																			3241		3241

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.	20495595	250957	77.4	18.117	3241							
Dry Bulb	9655871	173847	53.6	10.103	3241		2.0	10.1	.1			93
Wet Bulb	8493336	162114	50.0	10.893	3241		4.9	3.9				93
Dew Point	7500275	149229	46.0	13.935	3241	.1	18.3	2.4				93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-71,73-75 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77						.0												1	1		
74/ 73			.0	.0						.0	.1							5	5		
72/ 71		.2	.7	.1														34	34		
70/ 69	.2	1.2	2.0	.1		.0			.0									115	115	25	12
68/ 67	.4	2.9	2.4	.3			.1		.1									199	199	112	64
66/ 65	.6	3.3	1.9	.2		.1	.1	.1	.1	.1	.0							209	209	191	152
64/ 63	.6	3.2	1.3	.2	.0	.0	.1	.2	.0	.1								187	188	217	191
62/ 61	.8	3.4	1.1	.4	.4	.2	.1	.1	.1									209	209	191	195
60/ 59	.6	3.0	.8	.3	.4	.2	.6	.2	.0	.0	.0							200	201	169	200
58/ 57	.8	2.7	1.3	.5	.4	.4	.3	.3	.0									218	218	167	152
56/ 55	.8	2.3	1.1	.7	.6	.6	.3	.2										213	214	166	158
54/ 53	.7	1.9	1.4	.7	.7	.5	.6	.0	.1									213	213	156	130
52/ 51	.5	1.7	1.3	.8	.7	.6	.3		.0									190	190	160	124
50/ 49	.5	1.6	1.2	1.1	1.0	.4	.2	.1										195	195	165	121
48/ 47	.2	2.0	1.1	1.1	.8	.6	.1	.0										191	191	190	136
46/ 45	.2	1.8	1.5	1.1	.6	.4	.1											180	180	214	117
44/ 43	.3	1.8	1.5	1.2	.4	.3												177	177	189	119
42/ 41	.3	.9	1.1	.9	.2	.1												114	114	210	149
40/ 39	.1	.8	1.3	.8	.6	.1												116	116	160	151
38/ 37	.1	1.0	1.0	.9	.2													102	102	164	122
36/ 35	.0	.6	.9	.3	.1													64	64	125	152
34/ 33	.1	.4	.4	.3														38	38	90	141
32/ 31		.4	.3	.2														27	27	73	126
30/ 29		.1	.2	.2														16	16	43	135
28/ 27		.1	.2															9	9	20	83
26/ 25		.0	.1	.0														4	4	17	77
24/ 23		.1	.1	.0														8	8	9	52
22/ 21			.1	.0														3	3	8	46
20/ 19																				3	29
18/ 17																				3	30
16/ 15																					16
14/ 13																					15
12/ 11																					18
10/ 9																					2

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-71,73-75 (YEARS) MAR (MONTH)

 0600-0800 (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
6/ 5																					7
4/ 3																					3
0/ -1																					1
-2/ -3																					1
TOTAL	8.0	37.3	26.1	12.6	6.9	4.6	2.6	1.1	.4	.2	.1							3237	3240	3237	3237

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.	20470463	250357	77.3	18.498	3237							
Dry Bulb	9641492	173616	53.6	10.219	3240		1.9	10.2	.2			93
Wet Bulb	8463731	161649	49.9	10.997	3237		5.1	3.9				93
Dew Point	7467688	148644	45.9	14.084	3237	.1	18.4	2.2				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-71,73-75 YEARS | JAN 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				
90/ 89																	.0	1	1		
88/ 87																.0		1	1		
86/ 85															.0			1	1		
84/ 83								.0	.0		.0		.0					4	4		
82/ 81						.0	.1	.1		.0	.0	.1						10	10		
80/ 79				.0	.1	.2	.5	.1		.2				.1				36	36		
78/ 77				.0	.3	.5	.2	.1	.1	.1	.0	.1	.1					44	44		
76/ 75				.4	.8	.5	.2	.2	.1	.1	.1	.0	.1					82	82		
74/ 73			.6	1.2	1.0	.3	.2	.2	.1	.1	.3	.2	.1					144	144	1	
72/ 71		.3	1.0	1.8	.7	.6	.2	.1	.2	.2	.2	.1						182	182	11	
70/ 69	.0	1.0	1.7	2.2	.9	.6	.1	.2	.4	.5	.3	.1						259	259	89	18
68/ 67	.2	1.7	1.9	1.3	1.0	.4	.5	.4	.4	.5	.2	.1						291	291	203	83
66/ 65	.4	1.3	2.1	1.2	.7	.6	.6	.8	.6	.3	.1							283	283	241	171
64/ 63	.1	1.5	1.4	1.0	.8	.6	.8	.6	.4	.1	.1							239	239	230	201
62/ 61	.4	1.6	1.5	.7	1.0	.8	.8	.4	.2	.1								245	245	228	231
60/ 59	.2	1.2	1.2	.9	1.1	.8	.7	.5	.4	.1								226	226	204	199
58/ 57	.2	1.1	1.1	1.0	.7	.7	.6	.5	.3	.1								205	205	192	176
56/ 55	.2	1.0	1.0	.8	.8	.9	.9	.6	.1									204	204	190	171
54/ 53	.2	.8	1.0	.5	.7	.7	.9	.4	.1									168	168	228	143
52/ 51	.2	.6	.5	.8	.5	1.0	.4	.2	.0									133	133	242	130
50/ 49	.1	.6	.5	.9	.6	.6	.3	.1										118	118	225	136
48/ 47	.2	.1	.4	.7	.7	.6	.3											99	99	167	137
46/ 45	.2	.5	.3	.6	.5	.4	.1	.0										80	80	150	130
44/ 43	.2	.3	.3	.5	.5	.2												66	66	177	120
42/ 41		.3	.2	.3	.2	.2	.0											42	42	137	129
40/ 39	.1	.2	.2	.3	.2	.0												33	33	108	114
38/ 37		.2	.2	.2	.1	.1												25	25	79	127
36/ 35	.1	.1		.2	.1													16	16	67	137
34/ 33			.0	.0	.1													4	4	28	104
32/ 31			.1	.0		.0												4	4	15	100
30/ 29				.1														2	2	14	109
28/ 27			.1		.0													3	3	6	82
26/ 25				.0														1	1	4	66
24/ 23		.0																1	1	3	46

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-71,73-75 YEARS | MAR 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
22/ 21		.1																2	2	4	58
20/ 19																				1	26
18/ 17																					27
16/ 15																					30
14/ 13																					22
12/ 11																					11
10/ 9																					5
8/ 7																					2
6/ 5																					1
0/ -1																					2
-2/ -3																					1
TOTAL	2.8	14.4	17.3	17.7	14.1	11.3	8.5	5.5	3.5	2.4	1.4	.6	.2	.1	.0	.0	.0		3244		3245
																		3244		3244	

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.	14791400	207516	64.0	21.627	3244							
Dry Bulb	12365542	197786	61.0	9.723	3244		.4	30.0	9.3	.9		93
Wet Bulb	9723552	174736	53.9	9.801	3244		1.3	8.7	.0			93
Dew Point	7838325	152707	47.1	14.178	3245	.1	16.9	2.9				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-71,73-75 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
96/ 95														.0				1	1		
94/ 93														.0			.0	2	2		
92/ 91												.1	.1	.1		.0	.1	13	13		
90/ 89										.1	.2	.1	.0	.1	.0	.0	.0	17	17		
88/ 87								.1	.1	.1	.2	.1	.1	.0	.1	.0		28	28		
86/ 85						.0	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1		40	40		
84/ 83						.0	.2	.7	.4	.3	.4	.2	.2	.1	.1	.1		86	86		
82/ 81						.1	.9	1.1	.5	.3	.3	.2	.4	.1	.0			128	128		
80/ 79					.2	.7	1.0	.7	.6	.5	.2	.4	.2	.3	.0			156	156		
78/ 77				.1	.6	1.1	1.2	.8	.5	.4	.6	.5	.4	.2				202	202		
76/ 75			.0	.6	1.4	1.4	1.1	.7	.6	.6	.6	.4	.5	.1				258	258	1	
74/ 73		.1	.3	1.1	1.2	1.0	.9	.7	.7	.6	.6	.4	.2					250	250	9	
72/ 71		.2	.7	1.1	1.2	.8	.6	.6	.6	.6	.8	.3	.1					252	252	44	2
70/ 69		.3	1.1	1.1	1.1	1.0	.7	.9	.9	.7	.6	.1						271	271	194	20
68/ 67		.5	.8	.8	1.2	.5	.9	1.0	.9	.4	.3	.1						241	241	248	72
66/ 65	.0	.4	.6	1.1	.6	1.0	.7	.7	.7	.8	.2	.1						224	224	292	144
64/ 63	.0	.3	.5	.8	.6	.5	.6	.7	.6	.6	.2							186	186	227	179
62/ 61	.1	.6	.4	.2	.3	.7	.6	.7	.8	.4	.0							154	154	250	212
60/ 59	.1	.4	.2	.3	.5	.5	.6	.8	.6	.2	.0							136	136	240	220
58/ 57	.1	.3	.2	.4	.4	.3	.8	.3	.4	.1								113	113	224	196
56/ 55	.1	.3	.2	.3	.5	.4	.8	.5	.3									111	111	236	190
54/ 53	.2	.2	.5	.3	.3	.5	.2	.2	.1									88	88	224	130
52/ 51	.1	.2	.2	.2	.2	.4	.3	.1										59	59	198	134
50/ 49	.0	.4	.2	.2	.5	.3	.4	.1	.0									68	68	178	145
48/ 47		.3	.3	.2	.2	.2	.2	.0										45	45	168	114
46/ 45	.1	.2	.1	.1	.2	.1	.0											24	24	157	146
44/ 43	.0	.2	.1	.2	.1	.1												24	24	105	131
42/ 41	.0	.2	.1	.2	.1	.1												22	22	93	123
40/ 39	.1	.1	.1	.1	.1	.1	.0											17	17	48	136
38/ 37	.0	.1	.1	.1	.1		.0											14	14	46	127
36/ 35	.1				.0													3	3	23	100
34/ 33				.0		.0												2	2	9	119
32/ 31																				10	107
30/ 29																				3	101

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	≥ 85 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-71,73-75 YEARS | MAR 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
28/ 27																				1	75
26/ 25		.1																2	2	2	79
24/ 23		.0																1	1	2	62
22/ 21																				1	56
20/ 19																					26
18/ 17																					32
16/ 15																					28
14/ 13																					12
12/ 11																					4
10/ 9																					8
8/ 7																					1
6/ 5																					3
4/ 3																					1
-6/ -7																					1
TOTAL	1.1	5.6	6.8	9.5	11.5	11.9	12.9	11.6	9.6	6.9	5.4	3.1	2.2	1.1	.4	.2	.2	3238	3238	3238	3238

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.	9933194	165576	51.1	21.284	3238							
Dry Bulb	15305667	220015	67.9	10.489	3238		.1	55.9	33.9	11.4	.1	93
Wet Bulb	10649558	183346	56.6	9.098	3238		.5	14.2	.3			93
Dew Point	7735026	151656	46.8	13.963	3238	.0	17.1	2.7				93

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

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 39-45,47-71,73-75 YEARS — "AP 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
100/ 99																.0		1	1		
98/ 97																.0	.1	3	3		
96/ 95																	.1	4	4		
94/ 93													.1			.1	.1	9	9		
92/ 91										.0	.0	.2	.1	.1	.1	.2		23	23		
90/ 89									.0	.2	.1	.3	.1	.1	.2	.0	.1	34	34		
88/ 87							.1	.1	.1	.3	.1	.2	.2	.1	.2	.2		50	50		
86/ 85								.2	.4	.5	.4	.4	.3	.2	.2	.1		89	89		
84/ 83						.1	.4	1.0	1.2	.4	.6	.5	.3	.3	.2	.0		157	157		
82/ 81					.0	.1	.8	1.4	.8	.5	.3	.4	.6	.4	.0	.0		174	174		
80/ 79					.2	.6	1.2	1.1	.7	.6	.8	1.0	.7	.5	.1			245	245		
78/ 77				.1	.8	.9	1.1	.7	1.0	.8	.9	.7	.3	.3				253	253		
76/ 75			.0	.4	1.1	1.5	1.0	1.1	.6	.6	.7	.7	.3	.1	.0			265	265	3	
74/ 73		.0	.3	1.0	.7	.8	1.0	.5	.7	1.1	.6	.6	.4	.0				253	253	17	
72/ 71		.1	.3	.9	.9	.8	.4	.8	.8	.4	.9	.2	.1					212	212	60	
70/ 69		.1	.6	.8	.5	.8	.6	1.0	.8	.7	.7	.2		.0				221	221	202	18
68/ 67	.0	.2	.3	.6	.9	.6	.7	.8	.9	.5	.5	.2						205	205	273	60
66/ 65	.0	.3	.6	.6	.6	.5	.5	.8	.8	1.0	.7							209	209	263	126
64/ 63	.0	.5	.3	.5	.4	.4	.3	.7	.8	.6	.1	.0						148	148	243	175
62/ 61	.1	.3	.2	.3	.4	.3	.4	.8	.5	.5								121	121	274	192
60/ 59	.0	.1	.2	.2	.5	.2	.6	.8	.6	.5								121	121	254	231
58/ 57	.1	.2	.1	.2	.5	.4	.4	.4	.4	.1								96	96	252	153
56/ 55	.0	.2	.2	.2	.5	.4	.3	.1	.1									62	62	241	171
54/ 53	.1	.3	.2	.2	.2	.3	.3	.2	.1									60	60	194	156
52/ 51	.1	.3	.4	.2	.1	.2	.4	.1	.0									58	58	213	149
50/ 49	.0	.3	.2	.1	.1	.2	.1	.1										42	42	171	114
48/ 47	.1	.2	.2	.1	.3	.2	.2											43	43	185	134
46/ 45	.1	.2	.1	.2	.1	.1	.0											27	27	134	181
44/ 43			.1	.2	.2	.1	.0											20	20	78	143
42/ 41		.2	.2		.1	.1	.0											20	20	66	139
40/ 39		.1			.1													6	6	46	129
38/ 37	.1	.1			.1													10	10	45	144
36/ 35	.1																	2	2	15	143
34/ 33																				4	98

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 59-45,47-71,73-75 YEARS | APR 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
32/ 31																				5	114
30/ 29		.0																1	1	2	88
28/ 27			.1															2	2	1	75
26/ 25																					64
24/ 23																				2	72
22/ 21																					50
20/ 19																					40
18/ 17																					30
16/ 15																					25
14/ 13																					13
12/ 11																					12
10/ 9																					4
6/ 5																					1
4/ 3																					1
2/ 1																					1
TOTAL	.9	3.8	4.7	6.7	9.2	9.7	11.0	12.6	11.3	9.2	7.5	5.5	3.5	2.1	1.1	.6	.4		3246		3246
																		3246		3246	

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.	8357157	150273	46.3	20.773	3246							
Dry Bulb	16512610	228362	70.5	10.771	3246		.1	63.0	44.7	19.0	.5	93
Wet Bulb	10918912	186108	57.3	8.751	3246		.3	15.9	.6			93
Dew Point	7530273	149939	46.2	13.736	3246		17.2	2.2				93

USAFETAC FORM JUN 71 0-26-3 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-75 YEARS | MAR 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
96/ 95																.0		1	1		
92/ 91													.0		.0	.0	.0	4	4		
90/ 89										.0		.0	.0			.0		4	4		
88/ 87							.0		.0		.0	.0	.0		.0		.0	7	7		
86/ 85							.0	.0	.0	.1		..	.0	.1	.1			15	15		
84/ 83							.1	.2	.1	.2	.1		.0	.1	.1			26	26		
82/ 81					.1	.1	.1	.4	.1	.1	.2	.1	.2	.1	.0			45	45		
80/ 79					.2	.3	.5	.6	.2	.2	.2	.2	.2	.1	.0			89	89		
78/ 77				.2	.4	.8	.5	.5	.3	.4	.2	.4	.1	.1	.0			125	125		
76/ 75			.1	.7	.8	1.0	.6	.5	.5	.3	.4	.3	.1	.1				177	177	1	
74/ 73		.0	.6	1.0	1.2	1.2	.7	.5	.8	.5	.3	.2	.1	.0				231	231	5	
72/ 71	.0	.2	.8	1.3	1.4	1.1	.8	.8	.7	.6	.5	.2	.1					276	276	34	2
70/ 69		.3	1.0	1.6	1.1	.7	.7	1.0	.7	.4	.6	.2	.1					288	288	88	20
68/ 67	.0	.6	1.1	1.4	.8	.7	.9	.9	.9	.6	.3	.1						271	271	206	60
66/ 65	.2	.5	1.1	1.1	1.0	1.0	.9	1.0	.5	.4	.2							253	253	246	123
64/ 63	.0	.9	1.0	1.0	1.0	1.0	.7	1.2	.8	.3	.0							259	259	225	161
62/ 61	.1	.8	.9	.7	.6	.7	.6	.6	.7	.2	.0							189	189	237	210
60/ 59		.4	.5	.7	.9	.9	1.0	.6	.6	.1								188	188	246	183
58/ 57	.1	.4	.4	.5	.7	.8	1.0	.6	.3	.0								160	160	246	180
56/ 55	.1	.4	.2	.5	.7	.8	.7	.7	.2									140	140	258	185
54/ 53		.2	.5	.5	.4	.6	.4	.3	.0									95	95	218	139
52/ 51	.1	.5	.4	.3	.3	.5	.7	.2										98	98	229	133
50/ 49	.1	.2	.5	.3	.4	.4	.4	.2										79	79	204	146
48/ 47	.1	.3	.3	.2	.2	.4	.2	.0										60	60	195	131
46/ 45	.1	.3	.2	.2	.2	.1	.2											42	42	173	182
44/ 43	.1	.2	.3	.4	.2	.1	.0											39	40	113	136
42/ 41		.1	.4	.2	.4	.1	.0											40	40	102	151
40/ 39		.2	.1	.1	.1	.1												19	19	78	147
38/ 37		.3		.1	.1	.0												14	14	65	125
36/ 35	.1		.0		.1													6	6	37	147
34/ 33			.0	.0	.0													3	3	13	106
32/ 31			.0	.0														2	2	11	123
30/ 29																				3	91
28/ 27																				5	75

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-75 YEARS | MAR 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
26/ 25																				2	70
24/ 23																					53
22/ 21																					39
20/ 19																					38
18/ 17																					25
16/ 15																					17
14/ 13																					15
12/ 11																					10
10/ 9																					2
8/ 7																					1
6/ 5																					2
4/ 3																					1
TOTAL	1.0	6.7	11.2	13.3	13.3	13.1	11.8	10.7	7.5	4.4	3.1	1.8	1.0	.5	.3	.1	.1	3245	3246	3245	3245

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.	11383915	179525	55.3	21.156	3245							
Dry Bulb	13900144	210430	64.8	9.907	3246		.1	44.7	20.7	4.1	.0	93
Wet Bulb	10129325	178913	55.1	9.038	3245		.6	9.6	.2			93
Dew Point	7584615	150605	46.4	13.541	3245		16.4	2.5				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FOR-1 ARE OBSOLETE
USAFETAC JUN 71

DATA PROCESS[illegible] BRANCH
US. F ETAC
AIR WEATHER [illegible]RVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 39-45,47-75 YEARS | MAR 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									.0									1	1		
78/ 77				.0	.0	.0	.0				.1	.1						8	8		
76/ 75			.0	.2	.0	.1	.1	.0		.0	.1	.0						18	18		
74/ 73		.0	.6	.4	.3	.0	.0		.1	.0	.1	.1	.1					53	53		
72/ 71		.6	1.3	.9	.4	.1	.1		.0	.0	.0							113	113	9	1
70/ 69	.0	1.7	2.7	1.4	.3	.5	.3	.2	.1	.2	.2	.0						251	251	62	21
68/ 67	.0	2.0	3.5	1.0	.6	.5	.3	.2	.3	.2	.1							288	298	134	81
66/ 65	.1	1.2	3.1	1.4	.6	.8	.7	.4	.3	.2	.1							290	290	225	153
64/ 63	.1	2.1	1.8	1.3	.7	.5	.5	.6	.4	.1	.1							266	266	221	182
62/ 61	.2	1.5	2.1	1.3	1.2	.6	.8	.6	.3	.1								283	283	195	224
60/ 59	.2	1.9	1.6	1.3	1.1	1.4	.7	.5	.2	.1								292	292	212	155
58/ 57		1.3	1.5	1.3	1.0	1.1	.9	.2	.0	.0								236	236	221	172
56/ 55	.2	.7	1.0	.6	1.4	1.2	.5	.2										188	188	228	192
54/ 53	.1	.5	1.1	1.0	1.2	1.1	.5	.2										187	187	205	144
52/ 51	.1	.7	.8	1.0	.9	.8	.6	.0										159	159	198	124
50/ 49	.1	.4	1.0	.7	.7	1.0	.5	.1										145	145	233	157
48/ 47	.2	.6	.8	.7	.8	.7	.2											131	131	227	147
46/ 45	.2	.3	.4	.9	.6	.4	.1											94	94	205	135
44/ 43	.1	.3	.3	.8	.4	.3	.0											75	75	149	132
42/ 41	.1	.4	.6	.3	.2	.2	.0											57	57	130	144
40/ 39	.0	.2	.6	.3	.2	.1												46	46	131	148
38/ 37		.4	.1	.2	.1	.1												30	30	99	137
36/ 35	.1	.1	.1	.3	.1													22	22	77	135
34/ 33			.2	.1	.0													8	8	36	128
32/ 31			.0	.1														5	5	23	126
30/ 29			.1	.0														3	3	16	91
28/ 27																				6	58
26/ 25																				7	69
24/ 23																					62
22/ 21																					42
20/ 19																					34
18/ 17																					17
16/ 15																					16
14/ 13																					9

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 30-45,47-75 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
12/ 11																					9
10/ 9																					2
8/ 7																					2
6/ 5																					1
TOTAL	1.9	16.9	25.3	17.6	12.8	11.6	6.9	3.2	1.8	1.0	.6	.2	.1					3249	3249	3249	3250

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.	16052920	219044	67.4	19.892	3249							
Dry Bulb	11537025	191415	58.9	8.944	3249		.2	21.0	2.3	.0		93
Wet Bulb	9389467	171837	52.9	9.629	3249		1.5	5.9				93
Dew Point	7764821	152719	47.0	13.458	3250		15.4	2.9				93

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

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | APR 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					.0													1	1		
78/ 77				.1	.1	.0												6	6		
76/ 75			.4	.6	.4	.1			.0			.0	.0					51	51		
74/ 73		1.1	2.3	1.0	.1	.0				.0	.1							152	152		
72/ 71	.1	3.3	4.0	1.1	.2	.1	.0	.1	.1	.0	.1							297	297	92	71
70/ 69	.8	5.5	6.4	.5	.5	.1	.1	.1	.1	.1		.0						468	468	296	188
68/ 67	.4	5.1	4.2	.9	.5	.2	.1	.1	.1									378	378	450	321
66/ 65	.3	3.7	4.2	.8	.3	.4	.4	.2	.2	.1								348	348	341	407
64/ 63	.3	3.8	2.1	.8	.6	.6	.4	.2	.0	.0								292	292	310	346
62/ 61	.4	2.3	1.9	1.1	.4	.8	.4	.2	.1	.0								250	251	263	272
60/ 59	.2	1.8	1.5	1.2	.5	1.0	.3	.2	.0									224	224	170	213
58/ 57	.3	1.9	1.4	.9	1.3	.5	.3	.0	.0									217	217	194	171
56/ 55	.1	.8	1.0	1.0	.8	.6	.2		.0									150	150	196	146
54/ 53	.1	1.2	.9	.8	.5	.6	.1	.0										139	139	168	125
52/ 51	.1	.6	.8	.9	.5	.3	.0											105	105	177	148
50/ 49	.0	.5	.4	.3	.4	.2	.1	.0										63	63	173	114
48/ 47		.3	.6	.5	.2	.0	.1											53	53	132	88
46/ 45	.0	.2	.4	.2	.1	.1	.0											36	36	94	112
44/ 43		.2	.2	.1	.1	.0												21	21	78	125
42/ 41	.0	.1	.4	.2														23	23	51	104
40/ 39		.1	.3	.2		.1												19	19	40	91
38/ 37		.1	.1	.2														10	10	26	57
36/ 35		.1	.0															3	3	19	71
34/ 33																				7	60
32/ 31																				8	50
30/ 29																				1	24
28/ 27																					7
26/ 25																					9
24/ 23																					15
22/ 21																					8
20/ 19																					5
18/ 17																					3
16/ 15																					4

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

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.1	32.5	33.3	13.0	7.2	5.7	2.6	1.3	.7	.3	.1	.1	.0					3306	3307	3306	3305

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.	21350786	260310	78.8	16.022	3305			36.8	5.7			90
Dry Bulb	13406873	209029	63.2	7.671	3307			22.8				90
Wet Bulb	11818016	195540	59.1	8.739	3306		.2	14.4				90
Dew Point	10772344	184916	56.0	11.358	3305		3.4					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 5R-45,47-75 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.2													6	6		
76/ 75			.1	.4	.3							.0						25	25		
74/ 73		.4	1.4	.8	.1													87	87	1	1
72/ 71	.3	2.9	3.3	.5	.0			.0		.1	.0							235	235	51	22
70/ 69	.8	6.5	4.9	.5	.1		.0		.0	.0	.0							430	430	260	139
68/ 67	.9	5.7	3.2	.4	.1	.1	.2	.2	.0		.1							358	358	423	335
66/ 65	.7	5.3	2.9	.8	.2	.2	.2	.0	.1		.0							345	345	357	391
64/ 63	.7	4.3	1.8	.5	.2	.5	.1	.0	.1									272	272	285	339
62/ 61	.6	3.6	1.3	.6	.3	.1	.3	.2	.1									235	235	273	277
60/ 59	.4	3.6	1.2	.5	.6	.3	.4	.1										235	235	222	209
58/ 57	.3	2.5	1.1	.8	.8	.5	.3	.2										214	214	181	197
56/ 55	.2	1.9	1.0	1.2	.9	.4	.1											186	186	167	155
54/ 53	.1	1.4	1.2	.8	1.0	.5	.2											169	169	151	130
52/ 51	.2	.9	1.2	.6	.4	.3		.0										119	119	149	100
50/ 49		1.1	.8	.9	.6	.1	.1											120	120	155	108
48/ 47	.0	.8	.4	.5	.4	.1	.0											71	71	182	100
46/ 45		.6	.6	.4	.1	.0												57	57	129	113
44/ 43		.2	.5	.3	.1	.0												36	36	90	116
42/ 41	.1	.5	.3	.2	.1	.0												36	36	70	89
40/ 39		.2	.3	.2	.0													20	20	58	101
38/ 37		.3	.2	.1	.1													25	27	33	80
36/ 35		.2	.1	.1	.1													16	16	29	74
34/ 33			.1															2	2	18	77
32/ 31																				9	53
30/ 29																				5	29
28/ 27																				1	16
26/ 25																					11
24/ 23																					11
22/ 21																					9
20/ 19																					5
18/ 17																					3
16/ 15																					2
14/ 13																					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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 58-45.47-75 YEARS | APR MONTH

PAGE 2 | 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
TOTAL	5.2	42.7	28.1	11.0	6.7	3.0	1.8	.7	.3	.1	.2	.0						3299	3301	3299	3299

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.	22739852	269266	81.6	15.203	3299							
Dry Bulb	12739626	203190	61.6	8.393	3301			31.1	3.2			90
Wet Bulb	11452196	191950	58.2	9.275	3299		.4	20.1	.0			90
Dew Point	10581734	182896	55.4	11.577	3299		3.8	13.6	.0			90

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

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | APR 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
80/ 79						.1												2	2		
78/ 77				.0	.3	.1							.0					13	13		
76/ 75		.0	.2	.7	.1			.0		.0		.0						35	35		
74/ 73		.5	1.8	1.0	.2	.0	.0											118	118	2	
72/ 71	.1	3.6	4.2	1.2	.0	.0	.1		.0		.0							308	308	67	31
70/ 69	.4	6.3	4.0	.9	.2	.0	.1	.1	.1	.0	.0							404	404	285	151
68/ 67	.7	5.1	3.2	.6	.2	.1	.2	.1	.1		.0							341	341	437	365
66/ 65	.7	5.1	2.8	.8	.3	.3	.2	.1	.0	.2	.1							358	358	365	391
64/ 63	.5	4.5	1.6	.7	.5	.5	.3	.2	.0									287	287	283	335
62/ 61	.8	3.5	1.1	.7	.6	.3	.5	.1										248	248	273	279
60/ 59	.5	2.4	.9	.8	.7	.5	.3	.3	.0									215	215	209	234
58/ 57	.3	2.3	1.1	1.1	.9	.7	.4	.1										222	222	194	172
56/ 55	.1	1.7	.9	.9	.9	.4	.1	.0										166	166	179	136
54/ 53	.2	1.1	.9	.9	.8	.4	.3	.1										152	152	163	118
52/ 51	.1	.6	.6	.9	.8	.2	.1	.0										108	108	151	110
50/ 49	.0	.8	.7	.9	.5	.1												104	105	160	106
48/ 47	.0	.5	.5	.6	.3	.0	.0											68	68	157	110
46/ 45		.4	.4	.4	.2	.0	.0											48	48	117	108
44/ 43	.0	.3	.4	.1	.1	.0												30	30	95	107
42/ 41	.0	.4	.2	.1	.0													26	26	72	86
40/ 39		.3	.2	.2	.1	.0												27	27	47	108
38/ 37		.2	.1	.1	.1													12	12	30	92
36/ 35		.1	.0	.1														6	6	21	80
34/ 33		.0	.1															5	5	12	60
32/ 31																				6	31
30/ 29																				7	34
28/ 27																					25
26/ 25																					14
24/ 23																					8
22/ 21																					7
20/ 19																					10
18/ 17																					2
16/ 15																					3

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-3432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | APR MONTH

 0600-0600 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
TOTAL	4.6	39.7	26.1	13.8	7.8	3.7	2.5	1.1	.3	.2	.2	.0	.0					3303	3304	3303	3303

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.	22145379	265255	80.3	15.983	3303							
Dry Bulb	13060473	205965	62.3	8.180	3304			33.3	4.6	.0		90
Wet Bulb	11635483	193713	58.6	9.121	3303		.4	21.6	.1			90
Dew Point	10684230	183890	55.7	11.627	3303		3.7	14.9				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89													.0					1	1		
88/ 87											.0	.0		.0	.0	.0		5	5		
86/ 85							.0	.1	.1	.0		.0		.0	.1			11	11		
84/ 83						.1	.2	.2	.2	.1	.0		.0	.1	.0			31	31		
82/ 81					.2	.7	.6	.2	.0	.0	.2	.0	.2	.1				72	72		
80/ 79			.0	.2	1.4	1.4	.8	.4	.1	.2	.1	.2	.1	.0				162	162		
78/ 77			.2	1.4	2.6	1.2	.7	.5	.5	.1	.2	.2	.1					251	251		
76/ 75		.3	1.4	3.0	1.9	1.2	.5	.4	.2	.3	.2	.1	.0					313	313	1	
74/ 73		.8	2.7	3.6	1.6	1.2	.8	.5	.5	.3	.2	.1	.1					404	404	52	2
72/ 71	.1	1.6	2.5	2.4	1.6	.8	.8	.5	.5	.4	.2	.1						394	394	265	60
70/ 69	.1	2.1	2.2	2.2	1.3	.9	.7	.6	.5	.3		.1	.0					367	367	450	198
68/ 67		1.5	2.3	1.4	.8	.6	.7	.7	.4	.3	.1							292	292	377	362
66/ 65	.2	1.5	1.5	1.0	.4	.6	.8	.9	.5	.0	.1							252	252	357	364
64/ 63	.2	1.5	1.0	.5	.7	.6	.5	.7	.2	.1	.1							201	201	311	303
62/ 61	.4	.9	.7	.7	.5	.5	.4	.5	.2	.1	.0							159	159	272	312
60/ 59	.1	.8	.5	.2	.5	.4	.4	.3	.0	.1								107	107	199	223
58/ 57	.1	.3	.2	.3	.5	.5	.5	.2	.1									87	87	209	206
56/ 55	.1	.3	.2	.3	.3	.4	.2	.2	.1									66	66	166	141
54/ 53		.3	.2	.2	.5	.2	.2	.1										54	54	162	108
52/ 51	.1	.3	.1	.1	.2	.2	.2	.0										39	39	136	124
50/ 49		.1	.1	.1	.2	.2	.0											20	20	108	106
48/ 47	.0	.2	.0	.0	.0	.1	.0											12	12	78	77
46/ 45		.0		.0		.1												5	5	72	101
44/ 43		.0	.1	.0	.0													6	6	35	99
42/ 41		.0	.1		.0													4	4	28	80
40/ 39		.0		.0														2	2	17	81
38/ 37					.0													1	1	8	86
36/ 35																				3	69
34/ 33																				1	44
32/ 31																				1	43
30/ 29																					30
28/ 27																					18
26/ 25																					22
24/ 23																					11

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | APR MONTH

PAGE 2 | 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				
22/ 21																					10
20/ 19																					12
18/ 17																					3
16/ 15																					3
14/ 13																					3
12/ 11																					2
TOTAL	1.3	12.7	15.9	17.6	15.1	12.0	9.1	6.9	4.2	2.2	1.3	.8	.5	.3	.1	.0		3308	3306	3308	3308

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.	15702176	218440	66.0	19.656	3308							
Dry Bulb	16116394	229578	69.4	7.449	3308			62.4	34.0	5.3		90
Wet Bulb	12829133	204349	61.8	7.886	3308		.0	31.2	1.4			90
Dew Point	10920002	185994	56.2	11.825	3308		4.3	17.0	.1			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 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
98/ 97																	.1	2	2		
96/ 95																	.0	1	1		
94/ 93													.1	.0		.1	.1	9	9		
92/ 91										.0	.2		.0	.2		.1	.1	20	20		
90/ 89								.1	.3	.4	.3	.2	.2	.1	.0	.1	.0	55	55		
88/ 87							.1	.2	.8	.6	.3	.2	.1	.1	.0	.2	.0	96	96		
86/ 85						.1	.8	1.3	1.2	.7	.4	.2	.1	.2	.2	.1		169	169		
84/ 83					.0	1.0	1.6	1.6	.8	.5	.0	.3	.4	.3	.3	.0		244	244		
82/ 81				.1	1.2	2.2	2.6	1.6	.9	.6	.5	.5	.2	.2				348	348		
80/ 79			.2	.5	2.7	2.1	2.0	1.3	1.2	.9	.8	.5	.3	.2	.0			418	418		
78/ 77		.0	.2	1.3	1.7	1.2	1.6	1.1	.8	.7	.8	.4	.3		.0			332	332		
76/ 75		.1	.6	1.8	1.6	1.6	1.2	.9	.6	.8	.7	.4	.1	.0				346	346	25	
74/ 73		.4	.9	1.4	1.3	.8	.8	.6	.6	.6	.5	.1	.1	.0				271	271	203	16
72/ 71		.7	1.2	1.2	1.0	.3	.5	.5	.7	.6	.3	.1	.1					237	237	403	60
70/ 69	.0	.8	.7	.6	.4	.3	.4	.4	.9	.7	.2	.2	.1					188	188	465	205
68/ 67		.8	.6	.5	.2	.3	.3	.3	.5	.3	.1	.2						136	136	394	323
66/ 65	.1	.7	.6	.2	.2	.4	.2	.4	.3	.3	.1							116	117	346	367
64/ 63	.1	.4	.1	.3	.4	.3	.1	.4	.3	.1	.1							81	81	271	308
62/ 61	.2	.5	.1	.2	.2	.3	.3	.2	.1	.0								71	71	201	280
60/ 59	.1	.1	.2	.1	.3	.2	.4	.2	.1									55	55	199	228
58/ 57	.1	.3		.2	.2	.1	.2	.1	.0									37	37	184	164
56/ 55	.1	.3	.1	.1	.1	.1	.1	.1										29	29	185	139
54/ 53	.0	.1	.1			.0	.2	.1										15	15	135	140
52/ 51	.0	.1	.1	.0		.0												9	9	94	121
50/ 49		.1	.1		.1													9	9	73	104
48/ 47			.1	.1		.0												6	6	58	89
46/ 45				.0														1	1	27	103
44/ 43			.0			.0												2	2	19	99
42/ 41					.0													1	1	12	96
40/ 39																				2	79
38/ 37																				1	81
36/ 35																				2	81
34/ 33																					59
32/ 31																					37

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	≥ 73 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | APR 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
30/ 29																					35
28/ 27																					24
26/ 25																					20
24/ 23																					15
22/ 21																					12
20/ 19																					6
18/ 17																					2
16/ 15																					5
14/ 13																					5
12/ 11																					1
TOTAL	.6	5.4	5.6	8.8	11.4	11.3	13.3	11.3	10.4	7.7	5.8	3.2	2.1	1.2	.6	.5	.4	3304	3305	3304	3304

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.	10976572	178550	54.0	20.047	3304							
Dry Bulb	19135195	250103	75.7	7.951	3305			78.2	42.9	12.3	.3	90
Wet Bulb	13648309	210965	63.9	7.339	3304			40.6	5.2			90
Dew Point	10777317	184445	55.8	12.064	3304		4.4	16.6	.4			90

USAFETAC FORM 0-26-3 (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 38-45,47-75 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
98/ 97																	.2	5	5		
96/ 95												.0			.0		.0	3	3		
94/ 93											.2	.2	.1	.0	.1		.2	28	28		
92/ 91									.0	.2	.4	.4	.1	.1	.2	.2	.1	64	64		
90/ 89							.0	.0	.3	.8	.9	.4	.2	.3	.1	.2	.1	107	107		
88/ 87							.1	.5	.9	.8	.9	.4	.5	.2	.5	.3	.1	171	171		
86/ 85						.4	.8	1.8	1.8	1.0	.9	.7	.4	.3	.2	.2		276	276		
84/ 83				.0	.2	.8	2.0	1.6	1.1	1.0	.8	.6	.4	.2	.2			297	297		
82/ 81				.3	1.1	2.0	2.3	1.7	1.2	.8	.7	.6	.7	.3	.1			391	391		
80/ 79			.2	.5	1.7	2.2	1.5	1.4	.8	1.1	1.0	1.1	.5	.2				403	403		
78/ 77			.3	1.0	1.5	1.3	1.1	.6	.6	.7	.8	.6	.3	.1				291	291	5	
76/ 75		.1	.5	1.5	1.4	1.1	.6	.5	.6	.9	.9	.3	.2	.0				284	284	54	5
74/ 73		.2	.6	1.2	.8	.4	.5	.3	.5	.6	.4	.2	.1	.0				190	191	222	15
72/ 71		.5	1.1	.7	.7	.4	.5	.5	.5	.2	.4	.2	.2					109	189	415	82
70/ 69		.7	.4	.4	.0	.2	.3	.4	.1	.8	.2	.3						124	124	469	187
68/ 67	.0	.5	.3	.3	.2	.4	.5	.2	.4	.5	.1	.1						110	110	370	268
66/ 65	.1	.6	.4	.2	.2	.3	.3	.4	.2	.2	.1	.0						95	95	328	327
64/ 63	.2	.5	.2	.1	.2	.4	.1	.2	.2	.1	.0							75	75	238	335
62/ 61	.1	.3	.1	.2	.1	.2	.3	.2	.2									55	55	235	240
60/ 59	.1	.4	.2	.2	.2	.2	.2	.3	.1									58	58	202	226
58/ 57	.2	.3	.2	.2	.1		.1	.0										35	35	223	188
56/ 55	.1	.2	.0	.1	.1	.1	.1	.0										22	22	197	129
54/ 53		.2	.0	.1	.0	.0	.1											12	12	89	140
52/ 51		.2	.1	.1														10	10	95	137
50/ 49				.1														2	2	78	124
48/ 47					.1	.1												4	4	43	116
46/ 45				.0	.0													2	2	25	108
44/ 43																				7	100
42/ 41																				3	85
40/ 39																				3	95
38/ 37																				2	77
36/ 35																					69
34/ 33																					64
32/ 31																					63

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																					46
28/ 27																					15
26/ 25																					21
24/ 23																					9
22/ 21																					7
20/ 19																					7
18/ 17																					5
16/ 15																					12
10/ 9																					1
TOTAL	.7	4.5	4.5	7.0	8.5	10.3	11.2	10.7	9.7	9.7	8.8	6.0	3.7	1.7	1.4	.8	.7		3304		3303
																		3303		3303	

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.	9786424	166592	50.4	20.474	3303							
Dry Bulb	20113338	256326	77.6	8.298	3304			79.9	68.4	42.4	1.0	90
Wet Bulb	13802021	212209	64.2	7.136	3303			41.8	7.7			90
Dew Point	10584048	182630	55.3	12.132	3303		5.1	15.2	.5			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 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
94/ 93																.0		1	1		
92/ 91										.0	.1	.0	.0				.1	8	6		
90/ 89								.0	.0	.2	.1			.0		.0	.0	14	14		
88/ 87								.0	.2	.2	.1	.0	.1		.1			25	25		
86/ 85						.1	.3	.4	.6	.3	.1	.2	.1	.2	.1	.1		61	61		
84/ 83					.0	.3	.3	.5	.4	.1	.3	.3	.1	.2	.1			91	91		
82/ 81				.0	.5	.9	1.0	.9	.5	.3	.2	.2	.2	.0				152	152		
80/ 79			.1	.4	1.5	1.9	1.5	.9	.7	.6	.2	.5	.3		.1			281	281		
78/ 77			.4	1.6	2.4	1.1	1.8	.5	.4	.6	.4	.3	.2	.1				324	324	1	
76/ 75		.1	1.5	2.8	2.3	1.4	1.3	.8	.8	.6	.4	.2	.2					410	410	12	
74/ 73		.6	2.3	2.5	1.1	1.5	.5	.5	.7	.7	.4	.1	.1					370	370	83	14
72/ 71	.1	.6	1.9	1.5	1.4	.6	1.0	.7	.9	.5	.4	.1	.0					319	319	308	54
70/ 69	.1	.7	1.9	1.5	1.2	1.0	.9	.9	.6	.3	.1	.0						309	309	444	212
68/ 67	.0	.9	1.3	.5	.5	.5	.8	.6	.5	.2	.3	.0						208	208	368	312
66/ 65	.2	.9	.5	.5	.4	.5	.7	.6	.5	.2		.0						169	169	344	327
64/ 63	.2	1.0	.5	.4	.5	.8	.4	.5	.4	.1	.1							155	155	309	293
62/ 61	.1	.5	.4	.4	.5	.3	.3	.4	.3	.0	.1							104	104	221	278
60/ 59	.2	.3	.6	.2	.3	.4	.2	.4	.2	.0								91	91	221	212
58/ 57	.2	.2	.3	.3	.2	.3	.3	.2	.0	.1								63	63	224	179
56/ 55	.0	.3	.2	.2	.2	.2	.2	.0	.0									45	45	202	149
54/ 53	.1	.1	.1	.2	.1	.1	.2											28	28	175	132
52/ 51	.1	.2	.1	.1	.1	.1	.1											22	22	119	139
50/ 49			.1	.0	.1	.0												8	8	95	129
48/ 47			.1		.1													5	5	65	109
46/ 45			.0															1	1	44	123
44/ 43				.0	.1													4	4	34	106
42/ 41				.0	.0													2	2	12	90
40/ 39																				3	85
38/ 37																				2	79
36/ 35																				4	63
34/ 33																					57
32/ 31																					55
30/ 29																					36
28/ 27																					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	≤0 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 58-45,47-75 (YEARS) APR (MONTH)

 1900-2000 (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
26/ 25																					22
24/ 23																					7
22/ 21																					8
20/ 19																					2
18/ 17																					9
16/ 15																					4
14/ 13																					2
12/ 11																					3
TOTAL	1.3	6.4	12.2	13.3	13.4	12.0	11.6	9.0	7.8	5.3	3.3	2.1	1.3	.5	.4	.1	.1	3290	3290	3290	3291

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.	12997185	195673	59.5	20.331	3290							
Dry Bulb	17346860	237568	72.2	7.646	3290			70.9	48.1	14.2	.3	90
Wet Bulb	13012799	205443	62.4	7.479	3290			33.3	2.6			90
Dew Point	10618575	182811	55.5	11.871	3291		4.6	15.9	.4			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 5,47-75 YEARS | APR MONTH

PAGE 1 | 2100-2800 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							.0											1	1		
82/ 81							.1	.0										3	3		
80/ 79					.2	.3	.1	.1		.1		.0						22	22		
78/ 77				.6	.5	.2	.1		.0	.0	.1		.1					51	51		
76/ 75		.2	1.0	1.9	1.0	.7	.1	.1	.1	.2	.0	.0	.0					175	175		
74/ 73		1.2	4.0	2.7	1.2	.7	.3	.2	.0	.2		.1	.3	.0				351	351	11	5
72/ 71	.1	2.6	5.5	2.5	1.1	.4	.4	.2	.3	.1	.1		.0					438	439	109	39
70/ 69	.3	2.7	4.8	2.4	1.0	.5	.5	.3	.4	.2	.1	.0						436	436	382	223
68/ 67	.1	2.1	3.8	1.8	1.2	.6	.4	.6	.2	.2								362	362	407	319
66/ 65	.3	2.2	2.8	1.2	1.0	.8	.9	.6	.4	.0	.0							336	336	344	273
64/ 63	.2	1.8	1.3	1.1	1.1	1.0	.9	.5	.2									269	269	340	307
62/ 61	.2	1.0	.8	1.1	.7	.9	.9	.3	.1	.0								195	195	245	309
60/ 59	.1	1.0	1.0	1.1	1.0	.8	.5	.3	.1	.0								196	196	191	209
58/ 57	.2	.7	.9	.7	.5	.7	.4	.1	.1	.0								142	142	215	166
56/ 55	.1	.3	.9	.5	.5	.5	.3	.1	.0									102	102	203	133
54/ 53		.5	.4	.2	.2	.2	.2	.2	.0									64	64	168	148
52/ 51		.3	.3	.5	.3	.2	.1											53	53	184	138
50/ 49		.2	.3	.2	.4	.0	.1											40	40	129	122
48/ 47		.1	.1	.2	.2	.1												22	22	96	105
46/ 45		.1	.2	.1			.0											15	15	66	121
44/ 43			.2	.0	.0		.0											8	8	49	97
42/ 41			.1	.1		.0												6	6	38	39
40/ 39				.1	.0													4	4	23	82
38/ 37				.0														1	1	9	78
36/ 35																				4	48
34/ 33																				6	57
32/ 31																				1	38
30/ 29																					23
28/ 27																					15
26/ 25																					14
24/ 23																					11
22/ 21																					9
20/ 19																					7
18/ 17																					4

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 3R-45,47-75 YEARS | APR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					2
14/ 13																					2
12/ 11																					1
TOTAL	1.5	17.0	28.3	19.0	12.0	8.7	6.1	3.6	2.0	1.1	.2	.2	.2	.0					3293		3292
																		3292		3292	

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.	18150635	237277	72.1	17.898	3292							
Dry Bulb	14648759	218445	66.3	6.927	3293			50.3	16.5	.3		90
Wet Bulb	12280658	199320	60.5	8.035	3292		.0	25.3	.3			90
Dew Point	10819573	184953	56.2	11.410	3292		3.4	16.0	.1			90

USAFETAC FORM 0-26 3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 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	.2		.0		.0										13	13		
78/ 77		.5	1.5	.5	.2	.1	.0	.0	.0									97	97		
76/ 75		2.5	5.5	2.1	.4	.1												364	364	36	10
74/ 73	.1	5.1	7.2	2.2	.3	.2	.1											522	522	206	34
72/ 71	.3	6.1	7.4	2.1	.6	.3	.1	.1			.0							586	586	477	331
70/ 69	.3	5.6	6.2	1.7	1.0	.2	.1	.1		.0								526	526	568	480
68/ 67	.2	4.2	4.5	1.9	.8	.3	.1	.0	.0									409	410	495	514
66/ 65	.2	3.4	3.2	.9	.6	.1	.1											290	290	428	447
64/ 63	.2	2.5	1.7	1.3	.3	.1	.1	.0										215	215	356	362
62/ 61	.2	1.4	1.3	.8	.5	.2	.0	.0										148	148	265	314
60/ 59	.1	.7	.9	.7	.4	.1	.1											104	104	165	209
58/ 57	.0	.5	.4	.3	.1	.1	.0	.0										57	57	139	142
56/ 55		.3	.3	.5	.2													44	44	93	111
54/ 53	.0	.1	.2	.2														17	17	67	122
52/ 51		.1	.1	.1	.1													14	14	50	54
50/ 49		.1	.1	.0	.0													12	12	37	52
48/ 47		.0	.1															3	3	24	69
46/ 45																				9	51
44/ 43																				6	20
42/ 41																					16
40/ 39																					10
38/ 37																					5
36/ 35																					5
34/ 33																					4
30/ 29																					1
28/ 27																					1
TOTAL	1.7	33.2	40.7	15.7	5.5	1.8	.9	.4	.1	.0	.0							3421	3422		3421
																				3421	

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.	24049199	284695	83.2	10.216	3421							
Dry Bulb	16454053	236601	69.1	5.275	3422			68.4	27.1	.1		95
Wet Bulb	14862035	224595	65.7	5.848	3421			48.4	6.6			91
Dew Point	14037948	217806	63.7	7.067	3421		.1	39.0	2.9			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 3P-75 YEARS | MAY 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
86/ 85						.0												1	1		
80/ 79				.1														3	3		
78/ 77		.1	.0	.2														38	38		
76/ 75		2.3	3.5	.7				.0										224	224	4	3
74/ 73	.4	5.9	5.5	1.0	.0													436	436	184	72
72/ 71	.7	8.5	4.7	.4	.1	.0	.0											498	498	439	304
70/ 69	.8	7.9	5.5	.7	.3	.1	.0											524	524	524	517
68/ 67	.6	6.8	2.9	.6	.5	.1	.0											392	393	494	498
66/ 65	.4	6.2	3.4	1.1	.3	.2	.1	.1										399	399	404	421
64/ 63	.4	3.8	2.9	1.1	.2	.1	.1											292	292	332	381
62/ 61	.3	3.1	1.3	.7	.0	.1	.0		.0									191	191	275	257
60/ 59	.2	1.9	1.1	.6	.1	.0		.0										134	134	240	222
58/ 57	.1	1.4	1.1	.4	.3	.1		.0										118	118	152	195
56/ 55	.0	.8	.4	.3	.2	.1												62	62	126	119
54/ 53		.4	.5	.3	.1	.0												42	42	74	137
52/ 51		.2	.4	.1	.1													27	27	50	69
50/ 49		.1	.4	.1	.0													23	23	40	39
48/ 47		.2	.2	.0	.0													16	16	43	47
46/ 45		.0	.1															4	4	26	41
44/ 43			.0															1	1	13	38
42/ 41																				5	21
40/ 39																					18
38/ 37																					10
36/ 35																					2
34/ 33																					3
32/ 31																					1
30/ 29																					1
28/ 27																					1
TOTAL	3.9	49.6	34.7	8.3	2.2	.9	.3	.1	.0									3425	3426	3425	3425

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.	26055725	297159	86.8	8.941	3425							
Dry Bulb	15716592	231180	67.5	5.845	3426			57.5	19.1	.1		93
Wet Bulb	14529916	222032	64.8	6.309	3425			44.7	5.1			93
Dew Point	13904368	216796	63.3	7.293	3425		.1	38.1	2.3			93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAETAC

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 49-75 YEARS | MAY MONTH

PAGE 1 | 0601-0800 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
96/ 95											.0							1	1		
82/ 81				.0	.0													2	2		
80/ 79			.2	.5	.3	.0												34	35		
78/ 77	.0	.3	2.1	1.7	.4	.0	.1											159	159	2	1
76/ 75	.1	2.6	4.5	3.1	.5	.1	.0											377	377	36	12
74/ 73	.3	4.1	6.8	2.2	.5	.1		.0	.0									482	482	247	114
72/ 71	.6	6.5	5.3	2.0	.4	.1	.2	.1	.0									521	521	479	325
70/ 69	.5	6.0	5.3	1.8	.6	.3	.1	.1										503	503	500	488
68/ 67	.5	4.8	4.0	1.4	.6	.3	.2	.0										419	419	500	572
66/ 65	.3	4.3	2.8	1.1	.3	.3	.0	.1	.1									314	314	418	444
64/ 63	.3	2.7	1.9	.8	.3	.4	.1		.0									222	222	321	331
62/ 61	.1	1.5	.9	.6	.3	.1	.1											125	125	255	297
60/ 59	.2	1.0	.9	.2	.4	.2												101	101	173	207
58/ 57	.1	.8	.4	.3	.3	.0	.0	.0										64	66	121	144
56/ 55		.7	.3	.2	.1	.1												48	48	103	109
54/ 53		.1	.3	.4	.1	.1												35	35	58	96
52/ 51		.1	.2	.1	.0													15	15	49	64
50/ 49		.0	.1		.0													7	7	42	36
48/ 47		.1	.2	.0														10	10	21	46
46/ 45		.1	.1															4	4	18	40
44/ 43																				9	37
42/ 41																				3	24
40/ 39																					10
38/ 37																					4
36/ 35																					1
34/ 33																					6
32/ 31																					3
30/ 29																					1
TOTAL	3.0	35.7	36.3	16.4	5.2	2.2	.8	.3	.1		.0							3435	3436	3435	3435

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.	24447748	287554	83.7	10.460	3435							
Dry Bulb	16535246	237550	69.1	5.712	3436			67.4	28.6	.3	.0	93
Wet Bulb	14971313	225819	65.7	6.053	3435			49.9	7.7			93
Dew Point	14161690	219176	63.8	7.175	3435		.1	40.9	3.4			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 58-75 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91								.0										1	1		
90/ 89								.0	.1	.0								4	4		
88/ 87						.1	.2	.2	.2	.2	.0	.0	.0					34	34		
86/ 85				.0	.3	.7	1.0	.7	.3		.1		.0	.0	.3			110	110		
84/ 83				.1	.6	2.3	2.1	1.2	.3	.2	.0	.1						242	242		
82/ 81			.0	.8	2.5	3.6	1.9	.9	.3	.2	.1	.1		.0				359	360		
80/ 79			.7	2.9	4.2	4..	1.9	.8	.4	.3	.1	.0		.0				540	540	1	
78/ 77		.3	1.9	3.2	4.9	2.7	1.5	.4	.3	.3	.1	.0						539	539	26	2
76/ 75		.6	2.4	4.1	3.4	2.1	.6	.9	.3	.2	.1	.1						506	507	173	27
74/ 73		.7	1.6	3.5	1.9	1.0	.6	.2	.2	.2	.0	.0				.0		342	342	451	124
72/ 71	.0	1.1	1.6	1.7	1.0	.9	.6	.4	.2	.1	.0							266	266	540	232
70/ 69	.1	.8	1.5	1.2	.6	.5	.3	.2	.1	.1								186	186	674	429
68/ 67	.1	.5	1.0	.2	.3	.3	.3	.2	.1	.0								105	105	475	578
66/ 65	.1	.6	.6	.2	.3	.3	.1	.1	.0	.0								81	81	329	538
64/ 63	.1	.6	.3	.1	.1	.1	.2	.2										57	57	218	397
62/ 61	.1	.2	.2	.1	.1	.1	.1	.0										30	30	147	313
60/ 59	.1	.1	.1	.1	.1	.1	.0											21	21	103	184
58/ 57		.1	.2	.1	.1	.0	.0	.0										18	18	73	101
56/ 55		.1					.0											4	4	52	88
54/ 53	.0																	1	1	44	101
52/ 51	.0																	1	1	25	[illegible]
50/ 49																				10	50
48/ 47																				4	44
46/ 45																				2	31
44/ 43																				1	27
42/ 41																					25
40/ 39																					15
38/ 37																					8
36/ 35																					9
34/ 33																					2
32/ 31																					4
30/ 29																					4
28/ 27																					1
6/ 5																					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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | MAY 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
TOTAL	.5	5.7	12.0	18.3	20.5	19.0	11.4	6.6	2.9	1.9	.6	.3	.1	.1	.0	.0		3447	3449	3448	3447

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.	16216282	231356	67.1	14.131	3447							
Dry Bulb	20163126	263000	76.3	5.605	3449			87.3	72.2	27.9		93
Wet Bulb	16124499	235105	68.2	5.212	3448			65.8	17.6			93
Dew Point	14252962	220232	63.9	7.270	3447		.3	39.2	4.1			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 33-75 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
100/ 99														.0				1	1		
98/ 97											.3	.0		.0		.0		4	4		
96/ 95											.1	.0	.0	.0				6	6		
94/ 93									.1	.3	.3	.3	.0	.0	.0	.0	.0	40	40		
92/ 91							.0	.1	.8	.9	.9	.3	.2	.0	.0	.0	.0	114	117		
90/ 89					.0	.1	.4	1.2	2.0	1.6	.9	.3	.2	.1	.1	.0		239	239		
88/ 87					.0	.7	1.6	3.2	3.1	1.5	.8	.3	.2	.2	.1			409	409		
86/ 85				.0	.3	1.5	3.7	4.0	2.7	1.2	.6	.2	.1	.1				499	499		
84/ 83				.2	.8	3.0	3.3	3.2	1.6	1.1	.4	.4	.1	.0				487	487		
82/ 81			.1	.6	1.3	2.1	2.9	2.5	1.0	.5	.7	.3	.1					423	423	1	
80/ 79			.3	1.2	1.6	2.4	2.0	1.2	.6	.4	.3	.3	.2	.1				369	369	9	
78/ 77	.0		.6	.8	1.7	1.5	.8	.6	.4	.3	.3	.1	.0					243	243	105	5
76/ 75		.2	.4	1.0	1.2	.6	.6	.4	.3	.1	.1	.1						169	169	246	36
74/ 73	.0	.3	.7	1.0	.6	.5	.3	.2	.3	.1	.1							140	140	577	127
72/ 71	.0	.4	.6	.5	.2	.2	.2	.1	.2	.1								92	92	563	222
70/ 69		.5	.6	.3	.2	.3	.3	.3	.1	.1								87	87	603	370
68/ 67	.0	.1	.3	.1	.1	.0	.2	.1	.1	.1								38	38	413	520
66/ 65	.1	.2	.3	.1	.1	.1	.1	.1		.1								35	35	220	523
64/ 63	.1	.2	.1	.1		.1	.0		.0									22	22	160	439
62/ 61	.1	.1	.0	.1														10	10	131	321
60/ 59	.0	.1	.1	.2														13	13	79	225
58/ 57		.1	.1															6	6	57	153
56/ 55		.0																1	1	48	101
54/ 53																				29	80
52/ 51																				5	59
50/ 49																					67
48/ 47																				3	42
46/ 45																					37
44/ 43																					41
42/ 41																					26
40/ 39																					20
38/ 37																					17
36/ 35																					9
34/ 33																					3

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 68-75 YEARS | MAY MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31																					3
30/ 29																					3
28/ 27																					3
TOTAL	.4	2.3	4.2	6.3	8.1	13.0	16.4	17.3	13.3	8.4	5.4	2.6	1.1	.7	.2	.1	.1		3450		3449
																		3449		3449	

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.	11319333	190663	55.3	15.034	3449							
Dry Bulb	23265047	282461	81.9	6.353	3450			90.7	84.8	66.1	1.4	93
Wet Bulb	16775474	239914	69.6	5.022	3449			73.3	28.0	.1		93
Dew Point	13960653	217867	63.2	7.585	3449		.2	34.5	4.5			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0477 5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | MAY 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
102/101																.0	.0	2	2		
100/ 99													.0		.0	.1		4	4		
98/ 97												.1	.1	.1	.1			11	11		
96/ 95											.3	.4	.3	.1		.0		40	40		
94/ 93								.0	.1	.8	.9	.9	.4		.2	.1	.0	122	122		
92/ 91						.0	.1	.2	1.0	1.8	1.4	.8	.4	.3	.1	.1	.1	217	219		
90/ 89					.0	.2	.9	1.4	2.6	3.2	1.7	.8	.2	.2	.2	.0		394	395		
88/ 87					.0	.4	1.9	2.2	3.8	2.4	1.2	.7	.4	.2	.1	.0		461	462		
86/ 85					.2	1.3	2.4	3.5	3.1	1.7	1.0	.5	.3	.1	.0			489	489		
84/ 83				.2	1.0	2.1	2.0	2.8	2.3	1.1	.8	.5	.5	.2				467	467		
82/ 81			.1	.6	1.0	1.4	2.0	1.4	.9	.4	.4	.3	.1	.1				303	303	3	
80/ 79			.2	.8	1.2	1.7	1.3	.8	.3	.4	.2	.1	.1	.1				248	248	16	1
78/ 77			.3	.7	1.2	1.1	.5	.4	.1	.2	.1	.1	.0					168	158	108	6
76/ 75		.3	.6	1.0	.9	.4	.5	.3	.3	.3	.1	.1						168	168	382	26
74/ 73		.2	.5	.9	.5	.2	.2	.2	.1	.1	.1							105	105	534	117
72/ 71		.5	.5	.4	.3	.1	.1	.2	.3	.2								83	83	669	230
70/ 69	.1	.3	.4	.1	.2	.1	.2	.2	.0									57	57	643	334
68/ 67	.1	.2	.2	.0	.1	.1	.1	.0		.1	.0							29	29	380	411
66/ 65	.1	.2	.4	.1	.0			.0	.1									32	32	232	495
64/ 63	.1	.3	.3		.1													22	22	159	472
62/ 61	.1	.2	.1	.1														13	13	110	334
60/ 59		.1	.1	.1		.0												11	11	104	263
58/ 57		.1	.1															5	5	46	189
56/ 55																				46	137
54/ 53																				13	68
52/ 51																				1	67
50/ 49																				5	76
48/ 47																					49
46/ 45																					51
44/ 43																					32
42/ 41																					24
40/ 39																					22
38/ 37																					16
36/ 35																					10

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS) MAY (MONTH)

 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
34/ 33																					8
32/ 31																					6
30/ 29																					4
28/ 27																					3
TOTAL	.4	2.3	3.7	5.0	6.8	9.2	12.2	13.6	15.0	12.7	8.4	5.3	2.7	1.3	.8	.4	.1	3451	3455	3451	3451

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.	10198013	179309	52.0	15.983	3451							
Dry Bulb	24248617	288507	83.5	6.744	3455			90.8	86.2	71.8	4.8	93
Wet Bulb	16865199	240661	69.7	4.885	3451			73.7	28.1	.2		93
Dew Point	13720109	215947	62.6	7.749	3451		.4	30.3	4.0			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) MAY (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
100/ 99												.0				.0		2	2		
98/ 97														.0				1	1		
96/ 95														.0				1	1		
94/ 93										.1	.1	.1	.0	.1	.0			15	15		
92/ 91								.0	.1	.2	.3	.1	.1		.0	.0	.0	28	28		
90/ 89							.1	.3	.5	.6	.4	.2	.1	.0	.0			74	74		
88/ 87					.1	.1	.6	1.0	1.1	.7	.4	.1	.1		.1			144	145		
86/ 85				.1	.3	1.0	1.4	1.8	1.5	.7	.5	.3	.1	.0	.0			266	267		
84/ 83			.1	.1	1.0	2.1	2.1	2.6	1.3	.6	.5	.3	.1	.0				366	367		
82/ 81			.1	.9	2.0	2.6	2.8	2.1	1.0	.4	.3	.1	.1	.0				423	423	1	
80/ 79			.7	1.9	2.8	3.2	2.7	1.3	.7	.6	.4	.1	.1					493	493	7	
78/ 77		.1	1.2	1.8	3.0	2.3	1.3	.9	.5	.3	.1	.1	.0					397	397	43	7
76/ 75		.3	1.6	2.4	2.4	1.7	.9	.6	.3	.1	.1	.0						354	354	216	29
74/ 73		.5	1.6	1.8	1.1	.9	.6	.3	.4	.4	.1	.1						269	269	402	105
72/ 71	.1	.7	1.4	1.6	1.0	.4	.4	.1	.1	.0	.0							200	200	583	244
70/ 69		.6	1.5	.8	.4	.4	.1	.4	.1	.1	.0							154	154	629	366
68/ 67	.1	.6	.6	.4	.2	.3	.3	.0		.0								82	82	509	419
66/ 65	.1	.5	.3	.1	.1	.2	.1	.1		.0								49	49	350	491
64/ 63	.1	.2	.3	.2	.2	.1	.1	.0	.0									44	44	234	463
62/ 61		.3	.2	.1	.0	.1	.0	.0										27	27	156	329
60/ 59	.0	.2	.1	.1				.0										14	14	93	226
58/ 57		.1	.1															7	7	80	165
56/ 55		.1																4	4	64	138
54/ 53																				31	91
52/ 51																				8	84
50/ 49																				6	63
48/ 47																				2	50
46/ 45																					40
44/ 43																					35
42/ 41																					19
40/ 39																					17
38/ 37																					6
36/ 35																					8
34/ 33																					10

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIU STATION NAME | 38-45,47-75 YEARS | MAY MONTH

 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 - [illegible]	[illegible] - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
32/ 31																					5
30/ 29																					3
28/ 27																					1
TOTAL	.3	4.1	9.8	12.4	14.4	15.3	13.4	11.6	7.6	5.0	3.3	1.7	.7	.2	.2	.1	.0		3417		3414
																		3414		3414	

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.	13726264	209288	61.3	16.205	3414							
Dry Bulb	21118111	267767	78.4	6.287	3417			89.1	77.2	43.5	.5	93
Wet Bulb	16008039	233141	68.3	5.046	3414			65.1	18.2	.0		93
Dew Point	13689676	214658	62.9	7.518	3414		.2	31.9	3.8			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85							.1	.0	.0									5	5		
84/ 83				.0	.0	.1	.2		.1		.0							13	13		
82/ 81			.1	.4	.4	.6	.4	.2										64	65		
80/ 79		.1	.7	1.4	1.4	.9	.4	.2	.1	.1	.0							181	181		
78/ 77		.5	3.3	3.8	2.9	1.1	.4	.3	.2	.1								430	432	14	3
76/ 75		1.3	5.0	5.4	3.0	.9	.6	.4	.1		.0	.0						571	572	78	29
74/ 73		2.1	5.6	4.9	2.6	.8	.6	.2	.1			.0						573	573	277	124
72/ 71	.0	2.6	4.5	3.9	1.6	.9	.7	.3	.1	.1								499	499	511	272
70/ 69	.1	2.3	4.5	2.0	1.1	.9	.4	.1	.1									394	394	632	426
68/ 67	.1	1.5	2.2	1.0	1.1	.6	.2	.2	.1	.0								238	238	528	578
66/ 65	.2	1.1	1.6	.9	.5	.2	.1	.1	.1									166	166	445	444
64/ 63	.1	.9	.6	.6	.4	.4	.1	.1	.0									108	108	272	422
62/ 61	.1	.5	.3	.4	.3	.3	.1	.0										71	71	209	292
60/ 59	.0	.4	.2	.4	.4	.1	.0											49	49	165	168
58/ 57	.0	.2	.1	.2	.1	.1	.1											26	26	92	156
56/ 55		.1	.1	.1	.0													10	10	64	125
54/ 53		.1	.1		.0	.0												8	8	58	88
52/ 51				.0														1	1	39	74
50/ 49				.0														1	1	15	62
48/ 47																				5	46
46/ 45																				4	37
44/ 43																					14
42/ 41																					16
40/ 39																					13
38/ 37																					8
36/ 35																					8
34/ 33																					1
32/ 31																					2
TOTAL	.7	13.6	28.9	25.4	15.8	7.6	4.5	1.9	1.0	.3	.1	.1						3408	3412	3408	3408

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.	20020467	257517	75.6	12.842	3408							
Dry Bulb	17933450	246752	72.3	5.097	3412			81.0	50.2	4.1		93
Wet Bulb	15311145	227699	66.8	5.360	3408			55.7	10.1			93
Dew Point	14022750	217296	63.8	7.019	3408		.1	39.1	4.3			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95										.0								1	1		
86/ 85							.0				.0							2	2		
84/ 83					.1	.1	.1			.0								8	8		
82/ 81			.3	.6	.4	.2	.1	.0										58	58		
80/ 79		.3	4.0	4.2	1.1	.6	.1	.1	.0									336	336	1	
78/ 77		2.3	10.8	4.8	1.2	.3	.0	.0										636	636	35	5
76/ 75	.1	6.4	12.6	4.6	1.1	.1	.1	.0										818	819	326	106
74/ 73	.3	5.0	8.6	2.8	.5	.1	.1	.1										568	568	801	509
72/ 71	.2	3.7	5.2	1.4	.3	.3	.0	.1										368	368	824	759
70/ 69	.2	3.2	2.8	.4	.1	.1	.1											223	223	576	665
68/ 67	.1	2.0	1.4	.3	.1	.1	.0											131	131	323	536
66/ 65	.1	.9	.5	.3	.1													61	61	186	317
64/ 63		.5	.2	.1														25	25	84	161
62/ 61		.3	.2	.2														20	20	44	68
60/ 59		.2	.2															10	10	35	43
58/ 57		.0	.1	.0														4	4	22	39
56/ 55		.0		.0														2	2	9	20
54/ 53			.0															1	1	1	23
52/ 51																				1	12
50/ 49																				2	4
48/ 47																					1
46/ 45																					2
TOTAL	1.0	24.8	46.6	19.7	4.9	1.9	.7	.3	.0	.1	.0							3270	3273	3270	3270

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.	23004529	272981	83.5	8.128	3270							
Dry Bulb	18210192	243798	74.5	3.919	3273			86.6	66.8	5.9	.0	90
Wet Bulb	16412709	231353	70.8	3.687	3270			79.4	32.0			90
Dew Point	15640289	225731	69.0	4.208	3270			71.0	17.1			90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUN (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
88/ 87								.0										1	1		
82/ 81			.0	.1	.1													7	7		
80/ 79		.1	1.7	1.9	.2	.0												129	129		
78/ 77		2.3	9.5	1.8	.2	.1	.1	.0										455	455	9	
76/ 75	.2	9.8	12.2	1.7	.3	.1	.1											794	794	230	80
74/ 73	.4	10.0	8.3	1.0	.2	.0		.0										650	650	841	508
72/ 71	.5	8.5	4.3	.7	.3	.1		.0										473	474	794	872
70/ 69	.5	5.9	3.2	.5	.3	.1	.2											347	349	554	666
68/ 67	.2	3.7	1.6	.1	.1	.1												190	190	350	466
66/ 65	.2	1.9	.5	.2	.1													94	94	223	259
64/ 63	.0	.8	.4	.1	.1													49	49	114	167
62/ 61	.1	.5	.1	.1														25	25	42	84
60/ 59	.0	.5	.3	.0														28	28	41	45
58/ 57	.0	.2	.2															15	15	34	43
56/ 55		.2	.1	.0														8	8	22	24
54/ 53			.0															1	1	9	18
52/ 51																				1	22
50/ 49																				2	9
48/ 47																					1
46/ 45																					1
44/ 43																					1
TOTAL	2.1	44.4	42.3	8.2	1.9	.5	.3	.1										3266	3269		3266
																		3266		3266	

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.	25086599	285353	87.4	6.892	3266							
Dry Bulb	17489549	238731	73.0	4.114	3269			83.9	56.1	1.2		90
Wet Bulb	16173455	229465	70.3	3.973	3266			76.6	29.8			90
Dew Point	15608907	225333	69.0	4.371	3266			71.4	16.2			90

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | JUL MONTH

 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
88/ 87								.0										1	1		
86/ 85					.0	.1	.1	.0										6	6		
84/ 83				.0	.5	.3	.1											27	27		
82/ 81			.2	1.8	1.8	.3	.1											143	143		
80/ 79		.1	4.0	6.6	1.7	.4	.0	.0										430	430		
78/ 77		2.1	11.2	6.3	1.0	.1	.0		.0									690	691	22	1
76/ 75	.2	6.5	10.4	3.4	.7	.2	.1	.0	.0									715	716	445	104
74/ 73	.2	6.0	6.6	1.4	.2	.2	.0											487	487	989	582
72/ 71	.5	4.9	3.9	.6	.5	.1	.1	.1										355	355	705	961
70/ 69	.3	3.4	2.2	.5	.2	.1	.1											227	228	497	658
68/ 67	.1	2.1	.8	.2	.1	.2		.0										113	113	255	464
66/ 65	.1	1.1	.4	.2	.0													57	57	157	316
64/ 63	.1	.6	.2	.2	.0	.0												35	35	82	135
62/ 61	.0	.2			.1	.0												9	9	42	61
60/ 59		.3	.1															14	14	23	53
58/ 57	.0	.1	.1		.0													9	9	22	28
56/ 55		.1	.0															3	3	10	17
54/ 53		.0																1	1	5	19
52/ 51																				2	13
50/ 49																				1	5
48/ 47																					1
46/ 45																					1
44/ 43																					3
TOTAL	1.4	27.5	40.2	21.2	6.8	2.0	.5	.2	.1									3325		3322	
																		3322		3322	

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.	23440154	277676	83.6	8.323	3322							
Dry Bulb	18718715	249083	74.9	4.226	3325			86.5	47.7	9.8		90
Wet Bulb	16866896	236390	71.2	3.707	3322			80.5	39.4			90
Dew Point	16093423	230811	69.5	4.135	3322			75.0	18.6			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | JUN 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				
96/ 95												.0						1	1		
94/ 93											.1	.1						4	4		
92/ 91							.0	.1	.4	.5	.0	.0						35	35		
90/ 89						.0	.4	1.5	1.4	.7	.1	.0	.0					136	136		
88/ 87						.8	3.0	3.2	1.2	.2	.0	.0					.0	287	287		
86/ 85				.0	.7	5.3	6.8	3.4	.5	.1		.0						567	568		
84/ 83				.6	4.4	8.2	4.7	1.1	.1	.2			.0					652	653		
82/ 81			.3	2.8	6.9	5.4	1.6	.6	.1	.2	.1							600	601		
80/ 79			1.1	4.2	5.7	2.1	.9	.2	.1	.0	.0							480	480	9	
78/ 77		.1	1.0	2.4	2.2	.8	.4	.1	.1	.1								245	245	162	5
76/ 75		.4	1.0	1.2	.8	.4	.1	.1	.1	.0								141	141	821	72
74/ 73	.0	.6	.9	.7	.3	.2	.1	.1	.0									99	99	1095	339
72/ 71	.1	.4	.6	.3	.0	.1	.1	.1										54	54	705	684
70/ 69	.0	.2	.4	.1	.0	.1	.0											30	30	291	873
68/ 67	.1	.2	.1			.0	.0											16	16	127	668
66/ 65	.1	.1	.1															10	10	76	363
64/ 63		.1	.0															3	3	35	168
62/ 61		.0																1	1	19	64
60/ 59																				15	46
58/ 57																				4	16
56/ 55																				1	25
54/ 53																					12
52/ 51																					9
50/ 49																					8
48/ 47																				1	4
46/ 45																					3
44/ 43																					1
6/ 5																					1
TOTAL	.3	2.1	5.6	12.4	21.0	23.3	18.1	10.4	4.0	2.1	.3	.2	.1				.0	3361	3364	3361	3361

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	14557233	218111	64.9	10.952	3361
Dry Bulb	22726101	276087	82.1	4.475	3364
Wet Bulb	17819713	244513	72.8	3.056	3361
Dew Point	15897251	230745	68.7	4.074	3361

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			89.6	87.0	68.8	.1	90
Wet Bulb			86.0	55.9	.1		90
Dew Point		.0	70.7	11.1			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 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
102/101											.0		.0					2	2		
100/ 99													.0	.1	.1		.0	9	9		
98/ 97									.0		.1	.4	.5	.3	.0	.0		50	50		
96/ 95								.1	.1	.4	1.3	1.5	.8	.1				142	142		
94/ 93						.1	.0	.2	1.1	2.4	3.2	1.7	.3	.1				303	303		
92/ 91						.1	.4	2.0	3.8	5.0	2.7	.5	.1					488	489		
90/ 89					.1	.3	1.8	5		0	4.2	.9	.2	.1		.0		670	672		
88/ 87					.1	1.3	4.1	5		1	1.1	.2	.1	.1		.0		578	578		
86/ 85				.1	.4	2.1	4.2	3.2	1.5	.5	.3	.3	.0					425	425		
84/ 83			.1	.1	.9	1.8	1.8	1.3	.3	.2	.2	.0	.0					230	230	2	
82/ 81			.2	.5	1.0	1.7	.7	.4	.1	.1	.1							167	167	10	1
80/ 79		.0	.3	.5	.7	.6	.3	.2	.1	.1								98	98	65	2
78/ 77		.0	.2	.7	.4	.3	.1	.1	.1	.1								64	64	347	19
76/ 75		.3	.2	.3	.3	.1	.0	.0	.1	.0								44	44	852	69
74/ 73	.2	.5	.4	.1				.1		.0								40	40	1047	219
72/ 71	.1	.2	.3	.1				.0										22	22	611	426
70/ 69	.0	.1	.1															11	11	241	580
68/ 67	.1	.1	.1															8	8	80	692
66/ 65		.0	.0															2	2	44	585
64/ 63		.1																3	3	36	370
62/ 61																				11	175
60/ 59																				8	83
58/ 57																				2	35
56/ 55																					28
54/ 53																					16
52/ 51																					22
50/ 49																					15
48/ 47																					2
46/ 45																					1
44/ 43																					2
42/ 41																					4
TOTAL	.3	1.3	1.9	2.4	3.8	8.4	13.6	18.5	19.0	14.1	9.1	4.8	1.9	.6	.2	.0	.0	3356	3359	3356	3356

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.	9676989	175377	52.3	12.356	3356							
Dry Bulb	25956331	294765	87.8	5.165	3359			89.9	88.8	83.9	13.6	90
Wet Bulb	18152784	246616	73.5	2.999	3356			87.3	62.3	.9		90
Dew Point	15211143	225425	67.2	4.541	3356			54.1	8.3	.1		90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

0477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | Jul 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
104/103													.1	.1	.0			5	5		
102/101												.0	.0		.1	.1	.1	8	8		
100/ 99											.0	.1	.4	.5	.6	.2	.1	61	61		
98/ 97										.2	.8	1.3	1.8	.8	.2	.0		172	172		
96/ 95								.1	.3	1.1	2.5	2.9	2.0	.7	.0			322	322		
94/ 93							.1	.5	1.7	3.5	4.1	2.5	1.0	.1				456	458		
92/ 91						.1	.5	2.3	3.8	6.1	3.4	1.2	.2	.0				596	596		
90/ 89						.2	1.4	3.8	4.6	3.8	1.5	.5	.2		.1			543	543		
88/ 87					.1	.8	2.3	2.6	2.3	1.3	.4	.3	.2	.1				348	348		
86/ 85				.0	.5	1.2	2.0	2.3	.5	.3	.3	.2	.1					249	249		
84/ 83			.0	.1	.8	1.1	1.5	.7	.4	.2	.2	.1						171	171	1	
82/ 81			.2	.5	.6	1.0	.8	.3	.1	.1	.0							120	120	15	
80/ 79		.1	.4	.6	.6	.7	.1	.1	.1	.1	.0							91	91	100	4
78/ 77		.0	.4	.4	.7	.2	.0			.1	.1							66	66	381	21
76/ 75	.1	.2	.5	.4	.3													49	49	778	82
74/ 73	.0	.8	.2	.2														44	44	933	193
72/ 71	.1	.2	.1	.2														21	21	679	377
70/ 69		.2	.1	.0														13	15	281	478
68/ 67	.1	.1	.1															11	11	85	599
66/ 65	.0	.1	.1															6	6	50	575
64/ 63	.0	.0																2	2	36	385
62/ 61	.0																	1	1	9	264
60/ 59																				6	161
58/ 57																				1	94
56/ 55																					41
54/ 53																					25
52/ 51																					24
50/ 49																					10
48/ 47																					10
46/ 45																					5
44/ 43																					5
42/ 41																					1
TOTAL	.4	1.8	2.1	2.5	3.5	5.3	8.8	12.7	13.8	16.9	13.4	9.1	5.9	2.3	1.0	.3	.1	3355	3359	3355	3354

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	8759030	164638	49.1	14.214	3354
Dry Bulb	26882913	299819	89.3	6.016	3359
Wet Bulb	18144475	246505	73.5	3.127	3355
Dew Point	14858533	222599	66.4	5.036	3354

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			89.8	88.5	83.1	27.5	90
Dry Bulb			87.3	59.2	1.4		90
Wet Bulb			47.1	8.1			90
Dew Point							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | JUN 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
102/101													.0	.0				2	2		
100/ 99														.0	.1	.1	.0	7	7		
98/ 97											.1	.1	.2	.3	.1			24	24		
96/ 95									.0	.2	.4	.5	.4	.1				53	53		
94/ 93						.0	.1	.1	.4	.5	1.0	1.1	.5	.0	.0			123	123		
92/ 91						.0	.2	.8	1.6	1.8	1.3	.8	.2					216	216		
90/ 89						.2	.9	2.4	2.7	3.0	1.2	.3	.1					350	350		
88/ 87					.3	1.2	2.9	3.9	3.2	1.7	.6	.1	.0					453	453		
86/ 85				.1	1.1	2.9	4.6	3.8	1.3	.6	.1	.2	.1					486	486		
84/ 83			.0	.7	2.5	4.2	3.4	1.7	.9	.3	.2	.0						460	460	1	
82/ 81			.2	1.4	2.8	3.3	1.6	.6	.2	.2	.1	.0						341	341	5	
80/ 79		.1	.5	2.0	2.1	1.8	.9	.3	.3	.1	.0							261	261	47	4
78/ 77		.1	1.0	1.5	1.0	.6	.3	.1	.1	.1								155	155	231	19
76/ 75	.1	.3	1.2	1.0	.7	.2	.1	.2	.1		.0							127	127	618	89
74/ 73	.1	1.0	.9	.7	.2	.1	.0	.1										102	102	849	243
72/ 71	.1	.7	.5	.3		.0	.0	.0										57	57	786	462
70/ 69		.6	.3	.0	.0		.0											34	34	414	623
68/ 67		.2	.1	.0			.0											12	12	185	556
66/ 65	.0	.2	.0															7	7	62	454
64/ 63		.1																3	3	46	334
62/ 61		.0																1	1	19	200
60/ 59																				8	117
58/ 57																				2	73
56/ 55																				1	37
54/ 53																					23
52/ 51																					19
50/ 49																					12
48/ 47																					5
46/ 45																					2
44/ 43																					1
42/ 41																					1
TOTAL	.3	3.3	4.7	7.8	10.7	14.7	14.8	13.9	10.8	8.4	5.1	3.1	1.5	.5	.2	.1	.0		3274		3274
																		3274		3274	

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	≥ 95 F	Total
Rel. Hum.	11906486	191396	58.5	14.807	3274							
Dry Bulb	23404960	276158	84.3	5.833	3274			89.7	86.9	73.7	5.7	90
Wet Bulb	17260923	237485	72.5	3.249	3274			86.2	48.1	.7		90
Dew Point	14849312	219912	67.2	4.882	3274			54.9	9.8	.0		90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89								.0	.2	.2			.0					14	14		
88/ 87					.0	.0	.1	.5	.3	.1	.0			.0				35	35		
86/ 85				.0	.3	.6	.9	.8	.3	.1		.0						101	101		
84/ 83			.0	.6	1.2	2.1	1.8	.7	.2	.1								223	223		
82/ 81		.0	.9	3.5	4.5	3.3	1.5	.7		.1								476	476	1	
80/ 79		.1	3.5	8.1	5.9	3.4	1.0	.3	.1		.0							733	733	7	1
78/ 77		.8	5.0	7.6	4.3	1.3	.4	.1	.1	.1								643	643	96	15
76/ 75	.1	1.6	4.5	3.8	2.0	.8	.2	.2	.1									435	435	410	126
74/ 73	.1	1.3	3.0	1.8	.5	.2	.2	.1										235	235	869	366
72/ 71	.2	2.3	1.8	.9	.2	.2	.1											184	184	801	588
70/ 69	.0	1.1	1.5	.3	.2	.4	.1											117	117	576	774
68/ 67	.1	.9	.3	.0	.2	.1												49	49	259	533
66/ 65	.0	.3	.1	.1	.1													20	20	142	423
64/ 63		.1			.0													3	3	47	199
62/ 61		.1		.0														5	5	31	92
60/ 59																				26	58
58/ 57	.0			.0														2	2	7	27
56/ 55																				2	29
54/ 53																				1	19
52/ 51																					16
50/ 49																					7
48/ 47																					1
44/ 43																					1
TOTAL	.5	8.5	20.7	26.9	19.5	12.4	6.3	3.3	1.2	.6	.1	.0	.0	.0					3275		3275
																		3275		3275	

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	18302050	241882	73.9	11.598	3275							
Dry Bulb	19934926	255132	77.9	4.260	3275			89.2	79.6	33.8		90
Wet Bulb	16757488	234010	71.5	3.347	3275			83.0	38.0	.0		90
Dew Point	15438479	224415	68.5	4.307	3275			66.0	14.0	.0		90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89											.0							1	1		
88/ 87										.0								1	1		
86/ 85					.0		.1			.1								7	7		
84/ 83				.0	.1	.5	.2	.1	.1	.0	.0							36	36		
82/ 81				.7	1.4	1.5	.7	.1	.1									154	154		
80/ 79			2.7	8.6	5.3	2.2	.4	.2	.0	.0								658	658		
78/ 77		1.4	12.9	12.7	4.2	.8	.1											1085	1086	5	
76/ 75	.1	5.0	13.0	5.5	1.0	.2	.0											838	838	298	36
74/ 73	.1	3.4	5.0	1.5	.3	.0												349	349	1129	467
72/ 71	.1	2.7	1.9	.2	.3	.1	.0											181	181	1168	965
70/ 69	.1	1.1	.2	.1	.1	.0												54	55	575	979
68/ 67	.0	.3	.1	.1	.0													18	18	155	562
66/ 65		.0	.1															3	3	25	231
64/ 63		.0																1	1	18	74
62/ 61																				11	29
60/ 59																				2	25
58/ 57																					9
56/ 55																					2
54/ 53																					5
52/ 51																					1
50/ 49																					1
TOTAL	.5	13.9	35.8	29.4	12.6	5.3	1.6	.4	.2	.2	.1								3388		3386
																		3386		3386	

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.	21708216	269330	79.5	9.177	3386							
Dry Bulb	19971737	259953	76.7	2.780	3388			92.9	85.9	13.0		93
Wet Bulb	17513941	243409	71.9	2.176	3386			91.5	39.3			93
Dew Point	16498876	236154	69.7	2.901	3386			82.6	13.8			93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 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
84/ 83									.0									1	1		
82/ 81					.2	.1	.1	.0	.1	.0								18	18		
80/ 79			1.1	1.9	.9	.3	.1	.0	.1									146	146		
78/ 77		2.0	11.6	4.3	1.3	.2	.2		.0									660	660	2	
76/ 75	.4	11.8	18.9	5.6	.9	.1												1273	1273	215	51
74/ 73	.4	10.0	9.8	1.8	.2	.1												755	755	1066	557
72/ 71	.4	5.7	3.7	.6	.0		.0											353	353	1188	1100
70/ 69	.2	1.8	1.3	.2	.1	.0	.0											127	128	607	880
68/ 67		.6	.1	.3	.0													33	33	215	485
66/ 65		.2	.1	.0														10	10	52	191
64/ 63		.1	.1															6	6	15	54
62/ 61		.1																3	3	16	22
60/ 59																				9	26
58/ 57																					12
56/ 55																					3
54/ 53																					4
52/ 51																					1
TOTAL	1.4	32.2	46.6	14.7	3.6	.7	.4	.1	.2	.0									3386		3386
																		3385		3385	

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.	24813721	288743	85.3	7.368	3385							
Dry Bulb	19003624	253524	74.9	2.504	3386			92.5	78.4	1.7		93
Wet Bulb	17354428	242242	71.6	2.355	3385			90.5	35.2			93
Dew Point	16656676	237288	70.1	2.862	3386			84.4	16.7			93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71
9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 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				
94/ 93												.0						1	1		
90/ 89												.0						1	1		
88/ 87							.1											2	2		
86/ 85						.0	.1	.1	.0	.0	.0							12	12		
84/ 83				.1	.6	.5	.2	.0	.0	.0								49	49		
82/ 81			.0	2.5	4.1	.6	.1	.0										253	253		
80/ 79		.0	4.1	10.6	3.2	.4		.1	.1									637	638		
78/ 77		2.3	13.7	6.9	1.1	.1	.1				.0							835	835	11	
76/ 75	.4	8.3	13.0	2.6	.4	.2	.0	.0										859	859	574	106
74/ 73	.2	7.2	5.8	.9	.1	.1												495	495	1409	757
72/ 71	.2	3.0	1.8	.3	.1	.0												186	186	909	1274
70/ 69	.1	1.2	.9	.3	.0	.0												88	89	357	807
68/ 67		.3	.1	.0														18	18	111	297
66/ 65		.1	.1															7	7	45	107
64/ 63			.0															1	1	19	45
62/ 61		.1																2	2	6	17
60/ 59		.0																1	1	5	18
58/ 57																				1	11
56/ 55																					4
54/ 53																					2
42/ 41																					1
TOTAL	1.0	22.6	39.6	24.1	9.6	2.0	.6	.2	.1	.1	.1	.1							3449		3446
																		3447		3447	

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.	23729859	284541	82.5	8.375	3447							
Dry Bulb	20280380	264254	76.6	3.144	3449			92.7	84.8	17.5	.0	93
Wet Bulb	18139916	249930	72.5	2.308	3447			90.9	53.8			93
Dew Point	17283245	243363	70.8	2.737	3446			87.5	23.3			93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

8477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | JUL 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				
102/101																.0		1	1		
100/ 99															.0	.0	.0	3	3		
98/ 97													.0	.0				2	2		
96/ 95										.0	.1	.2	.1	.1	.0			15	15		
94/ 93									.1	.3	.4	.1						28	28		
92/ 91							.1	.3	.7	1.2	.4	.2	.0					98	99		
90/ 89						.0	.2	3.7	3.9	1.3	.3	.1						329	330		
88/ 87					.1	.7	5.5	7.4	2.9	.3	.1							589	590		
86/ 85					.3	6.6	9.9	4.0	.5	.1								745	746		
84/ 83			.0	.4	5.3	10.4	3.6	.3	.1	.0								703	704		
82/ 81			.1	2.4	7.9	3.8	.7	.1	.1									529	529		
80/ 79		.0	.5	3.6	2.4	.5	.1	.1										249	249	8	1
78/ 77		.2	.9	.8	.3	.1	.1											84	84	138	3
76/ 75		.3	.8	.2		.1												48	48	1241	35
74/ 73	.1	.5	.3	.1														30	30	1508	293
72/ 71		.3	.1															15	15	463	964
70/ 69	.0	.1	.0															5	5	77	1097
68/ 67																				28	651
66/ 65																				10	275
64/ 63																					81
62/ 61																					39
60/ 59																					13
58/ 57																					13
56/ 55																					2
54/ 53																					2
52/ 51																					1
50/ 49																					2
TOTAL	.1	1.4	2.8	7.6	16.3	22.2	20.1	16.0	8.4	3.2	1.1	.5	.1	.1	.1	.1	.0		3478		3472
																		3473		3473	

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.	13540319	213709	61.5	10.597	3473							
Dry Bulb	24931863	294171	84.6	3.820	3478			93.0	92.5	85.8	1.3	93
Wet Bulb	1a999966	256808	73.9	1.741	3473			92.7	77.5	.1		93
Dew Point	16761698	241046	69.4	2.785	3472			81.5	8.9			93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | JUL 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
108/107																	.0	1	1		
106/105																	.1	3	3		
104/103															.1	.1	.0	5	5		
102/101												.0		.1	.0	.1	.0	11	11		
100/ 99											.0	.1	.3	.5	.3	.1		50	50		
98/ 97											.2	1.2	1.5	.9	.2	.1		141	141		
96/ 95									.1	.9	3.9	4.4	1.9	.4	.0			400	400		
94/ 93						.0		.1	1.2	5.3	7.9	3.2	.9	.1				650	653		
92/ 91					.0	.0	.1	1.1	6.9	9.7	3.8	.8	.2					791	791		
90/ 89				.0		.0	.9	4.5	8.0	3.9	.4	.1						622	623		
88/ 87						.3	3.2	4.1	2.1	.5	.0	.0						358	360		
86/ 85					.1	1.6	2.0	1.2	.3	.1	.1							187	187		
84/ 83				.1	.7	1.0	.4	.1	.1									86	86	3	
82/ 81			.1	.3	.7	.2	.1	.1	.0									52	52	2	3
80/ 79			.2	.4	.4	.1		.0										37	37	16	
78/ 77		.1	.5	.4	.1													37	37	278	4
76/ 75		.2	.3	.1														22	22	1293	18
74/ 73	.0	.3	.1	.0														16	16	1327	115
72/ 71		.2	.0															8	8	437	376
70/ 69		.0																1	1	106	700
68/ 67																				11	795
66/ 65																				5	719
64/ 63																					383
62/ 61																					186
60/ 59																					108
58/ 57																					39
56/ 55																					21
54/ 53																					7
52/ 51																					3
50/ 49																					1
TOTAL	.0	.8	1.2	1.3	2.1	3.3	6.8	11.2	18.6	20.4	16.4	9.9	4.8	2.1	.7	.3	.2	3478	3484	3478	3478

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	8240747	164501	47.3	11.505	3478							
Dry Bulb	28816158	316406	90.8	4.491	3484			93.0	92.8	90.3	33.7	93
Wet Bulb	19161779	258073	74.2	1.886	3478			92.9	78.1	.3		93
Dew Point	15635079	232853	67.0	3.618	3478			53.8	3.7	.1		93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 YEARS | JUL 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
106/105														.0		.0	.1	4	4		
104/103													.0	.0	.2	.1	.3	23	23		
102/101													.0	.4	.7	.3	.1	54	54		
100/ 99												.1	1.5	2.1	1.9	.5	.0	214	214		
98/ 97											.4	3.1	5.8	3.0	.5	.1		451	454		
96/ 95							.0		.1	.7	5.4	8.7	4.7	1.4	.0			727	727		
94/ 93								.0	1.2	4.6	8.0	4.7	.9	.2	.1			687	687		
92/ 91							.1	.5	3.4	4.7	3.0	.5	.0	.0				429	429		
90/ 89					.0	.0	.4	2.7	3.7	1.7	.4		.1					313	313		
88/ 87						.3	1.6	1.5	1.0	.2	.1							162	162		
86/ 85					.1	1.0	1.0	.8	.1	.1	.0							113	113		
84/ 83			.0	.1	.5	.9	.4	.2	.1									80	80	1	
82/ 81				.4	.6	.6	.1	.0										61	61	2	
80/ 79		.0	.2	.5	.5	.1												48	48	15	2
78/ 77		.1	.4	.4	.2													36	36	239	1
76/ 75		.2	.5	.1	.1													31	31	1114	15
74/ 73	.1	.5	.3	.0														31	31	1336	104
72/ 71	.1	.3																14	14	634	280
70/ 69	.0	.0																2	2	118	461
68/ 67		.0																1	1	20	601
66/ 65																				3	662
64/ 63																					579
62/ 61																					371
60/ 59																					230
58/ 57																					105
56/ 55																					41
54/ 53																					15
52/ 51																					11
50/ 49																					3
48/ 47																					3
TOTAL	.2	1.2	1.4	1.6	2.1	3.0	3.6	5.8	9.6	12.0	17.4	17.0	13.1	7.2	3.3	1.1	.5		3484		3484
																		3481		3482	

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.	7165672	150536	43.2	13.727	3481							
Dry Bulb	30005164	322750	92.6	5.525	3484			93.0	92.5	89.4	57.7	93
Wet Bulb	19033358	257350	73.9	1.930	3482			92.9	72.3	.1		93
Dew Point	15011267	228225	65.5	4.186	3484			39.1	3.3			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIU STATION NAME | 38-45,47-75 YEARS | JUL MONTH

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
104/103														.0			.1	3	3		
102/101														.1	.1	.1		9	9		
100/ 99													.1	.4	.3	.1	.1	33	33		
98/ 97										.0	.1	.3	1.2	1.4	.2	.1	.0	116	116		
96/ 95										.1	1.0	2.3	2.4	.6	.1			220	220		
94/ 93									.4	1.7	3.5	2.9	.7	.2				318	318		
92/ 91							.0	.4	2.3	4.4	3.5	1.2	.2	.1				408	408		
90/ 89					.0		.4	3.1	5.1	4.2	1.3	.2	.1					486	487		
88/ 87						.4	3.0	5.2	4.3	1.1	.2	.1						485	485		
86/ 85					.4	2.9	5.2	3.0	1.0	.3	.0							434	435		
84/ 83				.0	1.8	2.9	2.7	.9	.3	.1	.1							293	294		
82/ 81			.1	.7	2.1	1.7	.6	.3										186	186	1	
80/ 79			.3	1.4	1.4	.7	.0	.0										128	128	5	
78/ 77		.1	1.0	1.1	.6	.1	.1											103	103	131	4
76/ 75		.7	1.0	.5	.1	.1												80	80	826	17
74/ 73	.1	.8	.5	.2	.0													52	52	1247	163
72/ 71	.1	.3	.1															17	17	852	420
70/ 69		.1	.0															4	4	244	655
68/ 67		.1	.0															4	4	54	664
66/ 65																				16	514
64/ 63																				3	383
62/ 61																					275
60/ 59																					161
58/ 57																					65
56/ 55																					32
54/ 53																					13
52/ 51																					10
48/ 47																					1
46/ 45																					2
TOTAL	.1	2.0	3.1	3.9	8.4	8.7	12.0	12.9	13.4	11.9	9.7	7.0	4.8	2.8	.6	.4	.1		3382		3379
																		3379		3379	

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.	9934440	176154	52.1	14.912	3379							
Dry Bulb	26135012	296664	87.7	5.758	3382			93.0	92.3	84.5	19.2	93
Wet Bulb	18126998	247388	73.2	2.099	3379			92.5	60.8	.0		93
Dew Point	15083477	225313	66.7	4.198	3379			52.9	5.1			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-75 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95														.0				1	1		
94/ 93												.0	.1	.1				5	5		
92/ 91									.1	.1	.1	.1						11	11		
90/ 89							.1	.1	.4	.3	.3	.0						41	41		
88/ 87						.0	.7	1.3	1.3	.6	.1	.0						141	141		
86/ 85					.1	1.8	3.5	3.4	1.1	.2	.1							345	345		
84/ 83				.1	2.3	6.4	5.8	1.4	.3	.1								555	556		
82/ 81		.0	.1	2.3	8.5	7.8	2.5	.5	.1	.0								742	743		
80/ 79		.1	1.4	8.0	7.9	2.3	.7	.1	.0									695	696	2	2
78/ 77		.4	3.0	4.8	2.1	.7	.2	.1	.1									381	381	27	1
76/ 75		1.2	2.2	2.5	.7	.1		.1										230	230	489	23
74/ 73	.1	1.3	1.8	.5	.2	.0	.0											134	134	1251	286
72/ 71	.1	1.3	.6	.0	.1	.1												75	75	1048	735
70/ 69	.1	.5	.1	.0														23	23	453	913
68/ 67		.1	.0	.0														5	5	71	734
66/ 65																				28	383
64/ 63																				13	165
62/ 61																				3	66
60/ 59																					47
58/ 57																					12
56/ 55																					8
54/ 53																					9
52/ 51																					1
TOTAL	.3	4.9	9.2	18.4	21.9	19.1	13.6	7.1	3.4	1.4	.5	.2	.1	.1					3387		3385
																		3384		3385	

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.	16163785	230279	68.0	12.077	3384							
Dry Bulb	22142246	273530	80.8	3.930	3387			93.0	90.2	41.7	.2	93
Wet Bulb	17770106	245154	72.4	2.117	3385			91.8	48.6			93
Dew Point	16032581	232703	68.7	3.231	3385			74.0	8.6			93

USAFETAC FORM 0-26-3 (OL-A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-70,72-75 YEARS | AUG 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
90/ 89								.0	.0									2	2		
88/ 87											.1							2	2		
86/ 85						.1	.1	.1	.1	.0		.0						13	13		
84/ 83					.3	.5	.5	.2	.2	.1		.1						62	62		
82/ 81		.0	.1	1.0	2.3	1.9	1.2	.4	.2	.0								232	232		
80/ 79		.3	4.1	8.7	5.0	2.9	.9	.2	.1	.0								736	736	3	1
78/ 77	.1	3.0	10.1	8.0	4.4	1.2	.3	.0										902	903	22	7
76/ 75	.2	5.8	9.0	3.4	1.3	.3	.1	.0										669	672	412	100
74/ 73	.2	3.6	4.3	1.6	.7	.2	.1											351	352	1075	562
72/ 71	.3	3.3	2.4	.5	.1	.0	.0		.0									221	223	868	819
70/ 69		1.2	.7	.3	.1	.0												77	77	587	759
68/ 67		.2	.4	.2	.2		.0	.0										36	36	192	450
66/ 65		.1	.2	.2	.1													15	15	83	310
64/ 63			.1	.0														3	3	45	135
62/ 61			.0															1	1	15	88
60/ 59																				16	38
58/ 57																				1	20
56/ 55																				3	16
54/ 53																					10
52/ 51																					1
50/ 49																					3
46/ 45																					3
TOTAL	.6	17.4	31.4	23.9	14.3	7.1	3.2	1.0	.6	.2	.1	.1						3322	3329	3322	3322

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.	21030798	261828	78.8	10.899	3322							
Dry Bulb	19670550	255664	76.8	3.280	3329			92.5	83.1	17.8		93
Wet Bulb	17116713	238269	71.7	2.850	3322			88.4	42.3			93
Dew Point	16066501	230675	69.4	3.832	3322			75.5	18.8			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-45,47-70,72-75 (YEARS) AUG (MONTH)

 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 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
86/ 85												.0						1	1		
84/ 83						.0		.0		.1	.1							7	7		
82/ 81				.1	.1		.1	.0	.0									10	10		
80/ 79		.2	2.3	1.6	.9	.8	.3	.1										207	207		
78/ 77		5.4	10.4	4.7	2.2	.8	.2	.0										784	784	18	5
76/ 75	.2	11.7	11.3	5.3	2.0	.3												1028	1030	388	141
74/ 73	.6	8.3	7.2	2.4	.5	.1	.1	.0										638	640	949	657
72/ 71	.4	4.8	3.6	1.1	.4	.1	.1											343	343	796	856
70/ 69	.2	3.1	1.1	.5	.1	.0		.0										167	169	639	589
68/ 67	.0	.9	.6	.2	.0		.1											62	63	297	492
66/ 65		.7	.5	.1	.1													44	44	106	279
64/ 63		.2	.3	.1	.0													22	22	56	134
62/ 61		.0	.1															5	5	44	59
60/ 59		.1	.1															4	4	14	53
58/ 57		.0																1	1	9	23
56/ 55																				7	14
54/ 53																					13
52/ 51																					3
50/ 49																					1
46/ 45																					3
TOTAL	1.5	35.4	37.4	16.0	6.3	2.1	.8	.3	.0	.1	.1	.0						3323	3330	3323	3322

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.	24059266	281104	84.6	9.059	3322							
Dry Bulb	18641381	248931	74.8	3.138	3330			90.9	74.8	2.3		93
Wet Bulb	16906428	236786	71.3	3.192	3323			86.4	37.9			93
Dew Point	16173738	231428	69.7	3.928	3322			76.7	22.5			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-75 YEARS | AUG MONTH

 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
98/ 97														.0				1	1		
90/ 89								.0										1	1		
88/ 87							.0		.0	.0	.0	.0						5	5		
86/ 85						.1	.1	.1	.0									9	9		
84/ 83				.1	.4	.4	.1	.3		.0								49	49		
82/ 81			.3	2.7	2.2	.6	.3	.1	.0	.0								210	210		
80/ 79		.4	5.7	7.4	2.7	.7	.2	.1	.0									582	583		
78/ 77		5.0	11.3	4.8	1.6	.7				.0								794	794	48	6
76/ 75	.2	9.9	8.0	3.2	.8	.2	.1											761	763	691	205
74/ 73	.4	6.6	4.6	2.1	.5	.2	.1	.0										493	494	1082	856
72/ 71	.5	4.3	2.4	.6	.3	.1												279	279	750	919
70/ 69	.2	1.7	.9	.3	.1	.1												113	114	423	601
68/ 67	.1	.6	.4	.2	.1		.1											48	49	219	355
66/ 65		.3	.4	.1														26	26	77	199
64/ 63		.1	.1	.0														11	11	53	110
62/ 61		.1	.1	.0														7	7	26	57
60/ 59		.1	.0															3	3	13	33
58/ 57																				8	27
56/ 55																				2	12
54/ 53																					6
52/ 51																					2
48/ 47																					1
46/ 45																					2
TOTAL	1.4	29.0	34.3	21.7	8.6	3.1	1.0	.5	.1	.1	.0	.0		.0					3398		3391
																		3392		3392	

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.	23669718	281504	83.0	9.523	3392							
Dry Bulb	19721020	258580	76.1	3.586	3398			91.7	79.6	15.1	.0	93
Wet Bulb	17666881	244571	72.1	3.108	3392			88.1	49.9			93
Dew Point	16839515	238625	70.4	3.741	3391			80.7	29.3			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-75 (YEARS) AUG (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
100/ 99															.0			1	1		
98/ 97													.0	.1				3	3		
96/ 95										.0	.0	.2	.1	.1				15	15		
94/ 93								.0	.0	.3	.4	.2	.1	.0				37	37		
92/ 91							.2	.4	1.7	1.3	.6	.3	.1					157	157		
90/ 89					.0	.2	.7	4.0	4.6	1.5	.4	.0	.0					391	391		
88/ 87				.0	.1	1.1	5.4	6.2	2.9	.6	.3	.0						567	567		
86/ 85				.0	.8	6.4	7.3	2.9	.8	.4	.0		.0					637	637		
84/ 83				.5	5.5	8.6	2.6	.7	.3	.1	.0							628	629		
82/ 81		.0	.4	2.8	6.4	3.1	1.0	.4	.2		.1							490	490	3	
80/ 79	.1	.1	1.0	3.0	1.6	.7	.3	.2	.0	.0								238	239	27	3
78/ 77		.2	1.4	1.1	.4	.2	.1	.1	.0									118	118	222	10
76/ 75		.6	.7	.4	.1	.1	.1											65	65	1268	87
74/ 73	.0	.8	.4	.0	.0		.0											47	49	1181	387
72/ 71	.3	.3	.1	.0														22	22	484	909
70/ 69		.1		.0														5	5	151	901
68/ 67																				55	548
66/ 65			.0															1	1	21	281
64/ 63			.1															2	2	6	124
62/ 61																				5	75
60/ 59																				1	50
58/ 57																					28
56/ 55																					13
54/ 53																					3
52/ 51																					2
50/ 49																					2
44/ 43																					1
TOTAL	.4	2.1	4.1	8.0	14.9	20.4	17.6	14.9	10.5	4.1	1.8	.8	.3	.2	.0				3428		3424
																		3424		3424	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	13451547	210551	61.5	12.137	3424
Dry Bulb	24594579	289995	84.6	4.259	3428
Wet Bulb	18711713	253001	73.9	2.251	3424
Dew Point	16483754	237260	69.3	3.554	3424

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			92.9	92.2	83.4	1.5	93
Dry Bulb			92.1	73.4	.3		93
Wet Bulb			77.3	13.2	.0		93
Dew Point							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-75 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
106/105																	.0	1	1		
104/103															.0	.0	.1	4	4		
102/101													.0	.1	.3	.1	.1	20	20		
100/ 99												.3	.9	.8	.5	.3		93	93		
98/ 97								.0	.0		.6	2.2	2.3	1.3	.3	.0		232	232		
96/ 95						.0			.1	1.1	5.4	5.0	1.9	.7	.1			490	490		
94/ 93							.0	.1	1.2	5.4	6.6	3.1	.7	.3	.0			596	596		
92/ 91							.1	1.2	5.3	6.5	3.6	1.1	.2	.1				620	620		
90/ 89						.0	.7	4.8	6.0	3.0	1.0	.4	.1	.0				549	549		
88/ 87					.0	.4	2.1	3.1	1.4	.4	.4	.2	.1					280	280		
86/ 85					.2	1.4	2.2	1.1	.5	.3	.1	.0	.0					201	201	1	
84/ 83				.1	.6	1.2	.7	.4	.1	.0	.0							112	112	1	
82/ 81			.1	.3	1.1	.5	.3	.0	.1									77	77	2	1
80/ 79	.0	.0	.2	.5	.4													43	43	16	
78/ 77		.1	.4	.5	.2	.1												45	45	323	4
76/ 75		.3	.5	.1	.0	.0												32	32	1238	32
74/ 73	.1	.3	.2		.0													21	21	1106	107
72/ 71		.2																6	6	523	370
70/ 69		.1																2	2	145	657
68/ 67			.0															1	1	48	719
66/ 65			.1															2	2	17	633
64/ 63																				7	362
62/ 61																					239
60/ 59																					155
58/ 57																					75
56/ 55																					33
54/ 53																					24
52/ 51																					9
50/ 49																					3
48/ 47																					3
46/ 45																					1
TOTAL	.1	1.1	1.4	1.6	2.6	3.7	6.0	10.8	14.6	16.8	17.8	12.4	6.2	3.2	1.1	.5	.1		3427		3427
																		3427		3427	

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	≥ 91 F	Total
Rel. Hum.	7998744	159826	46.6	12.611	3427							
Dry Bulb	28459171	311809	91.0	5.095	3427			93.9	92.7	89.7	39.0	93
Wet Bulb	18797968	253696	74.0	2.241	3427			92.3	72.9	.3		93
Dew Point	15224020	227968	66.5	4.161	3427			51.3	3.9	.0		93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-75 (YEARS) AUG (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
106/105																	.1	4	4		
104/103													.0	.1	.1	.3	.3	27	27		
102/101											.0	.0	.3	.7	1.2	.5	.3	103	103		
100/ 99										.0	.0	.3	2.2	3.7	1.6	.6	.2	297	297		
98/ 97								.0		.1	.7	4.1	6.6	3.4	1.0	.3		554	554		
96/ 95						.0			.0	.8	5.3	6.7	3.9	1.5	.3	.0		635	635		
94/ 93							.1	.1	.7	3.7	4.4	3.6	1.3	.4		.0		490	490		
92/ 91							.1	.5	2.6	3.0	2.8	1.1	.3	.1	.1			360	360		
90/ 89							.5	1.8	2.8	1.6	.7	.4	.1					271	271		
88/ 87					.0	.1	1.7	1.8	.9	.3	.2	.2	.0	.0				181	181		
86/ 85					.1	1.1	1.2	.7	.3	.1	.2	.0						130	130	1	
84/ 83			.0	.1	.5	.7	.6	.2		.0								77	77	1	
82/ 81			.0	.5	.9	.5	.1	.0	.0									73	73	5	1
80/ 79		.1	.3	.8	.9	.3	.0											83	83	17	2
78/ 77		.1	.6	.6	.3	.1	.0											60	60	239	5
76/ 75	.0	.3	.7	.2	.1													47	47	1074	20
74/ 73	.0	.3	.2	.1													.1	21	21	1173	100
72/ 71		.1	.1															7	7	594	261
70/ 69				.1														2	2	230	443
68/ 67			.0															1	1	64	547
66/ 65																				16	631
64/ 63																				8	453
62/ 61																				1	400
60/ 59																					240
58/ 57																					136
56/ 55																					76
54/ 53																					62
52/ 51																					32
50/ 49																					4
48/ 47																					5
46/ 45																					2
44/ 43																					2
42/ 41																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-75 YEARS | AUG 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	.1	.9	2.0	2.5	2.9	2.9	4.4	5.2	7.4	9.0	14.3	16.5	14.8	9.8	4.3	1.7	1.0	3423	3423	3423	3423

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.	6946268	145892	42.6	14.588	3423							
Dry Bulb	29549787	317349	92.7	6.119	3423			93.0	92.7	88.4	57.3	93
Wet Bulb	18600230	252200	73.7	2.333	3423			92.3	68.2	.3		93
Dew Point	14539850	222480	65.0	4.824	3423			37.5	3.5	.0		93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | AUG MONTH

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
104/103																	.0	1	1		
102/101															.1	.1	.1	8	8		
100/ 99												.0	.1	.6	.3	.2	.1	45	45		
98/ 97											.0	.4	1.5	1.3	.5	.1		128	128		
96/ 95									.0	.1	1.0	2.9	1.9	.8	.3			237	237		
94/ 93									.3	1.5	2.9	2.6	1.2	.4	.1			302	302		
92/ 91								.4	1.8	3.4	2.8	1.1	.5	.1	.0	.0		339	339		
90/ 89						.0	.4	2.3	4.5	3.3	2.0	.7	.3	.0	.0			453	453		
88/ 87					.0	.4	2.6	4.1	3.5	1.3	.6	.2	.0	.0				424	425		
86/ 85				.0	.2	2.2	3.9	2.8	1.0	.5	.2	.0						361	361		
84/ 83				.3	1.5	2.5	1.9	.9	.6	.2	.2							267	268		
82/ 81			.1	.6	2.4	2.0	1.0	.2	.2	.1		.0	.0					225	226		
80/ 79		.1	.4	2.2	2.4	.7	.4	.1	.1	.0								213	214	7	
78/ 77		.1	1.3	1.7	.7	.3	.1	.1										145	145	131	7
76/ 75		.9	1.3	.6	.2	.1	.1	.1										108	108	692	19
74/ 73	.0	.6	.6	.2	.0													48	48	1127	163
72/ 71		.4	.2	.1														22	22	821	431
70/ 69	.0	.1	.0	.1														7	7	360	551
68/ 67	.0			.0														2	2	129	552
66/ 65																				43	516
64/ 63																				19	355
62/ 61																				4	275
60/ 59																				2	188
58/ 57																					123
56/ 55																					73
54/ 53																					43
52/ 51																					25
50/ 49																					7
48/ 47																					1
46/ 45																					2
44/ 43																					2
42/ 41																					2
TOTAL	.1	2.1	4.0	5.8	7.5	8.3	10.3	10.9	12.1	10.4	9.8	8.0	5.5	3.3	1.3	.5	.2	3335	3339	3335	3335

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.	9939765	173811	52.1	16.258	3335							
Dry Bulb	25559211	291397	87.3	6.211	3339			93.0	92.1	81.7	20.1	93
Wet Bulb	17670654	242612	72.7	2.528	3335			9[illegible].1	54.6	.1		93
Dew Point	14622284	220210	66.0	4.954	3335			4[illegible].0	5.3			93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC
0477-3432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-45,47-75 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95												.0						1	1		
94/ 93										.0	.0		.1		.0			5	5		
92/ 91								.0		.1	.2	.1	.0					14	14		
90/ 89							.0	.2	.8	.6	.5	.1	.1	.0				78	78		
88/ 87						.2	.7	1.5	1.6	.8	.2	.1						170	170		
86/ 85				.0	.3	2.1	3.6	3.2	1.4	.5	.2	.0						378	378		
84/ 83				.3	2.7	5.6	4.3	2.3	.8	.1	.1							539	539		
82/ 81		.2	.3	2.9	5.7	4.8	2.1	1.3	.1	.1								583	584		
80/ 79	.0	.1	1.6	6.3	4.9	2.6	.8	.5	.1		.0							563	563	8	3
78/ 77		.3	3.7	3.8	1.8	1.0	.3	.2	.1		.1							373	374	59	9
76/ 75	.0	2.0	3.5	2.2	.8	.5	.2			.0								305	307	530	50
74/ 73		2.1	2.5	.6	.3	.2	.1		.0	.0								191	191	1075	340
72/ 71	.0	1.2	.8	.4	.2	.1			.0									91	91	890	696
70/ 69	.0	.3	.3	.1	.2	.1												33	33	463	781
68/ 67		.2	.1															9	9	183	543
66/ 65																				72	379
64/ 63																				35	225
62/ 61																				9	142
60/ 59																				5	67
58/ 57																				3	42
56/ 55																				1	29
54/ 53																					13
52/ 51																					4
50/ 49																					4
48/ 47																					1
46/ 45																					2
44/ 43																					2
42/ 41																					1
TOTAL	.1	6.4	12.8	16.6	16.7	17.2	12.2	9.2	5.0	2.2	1.2	.4	.2	.0	.0			3333	3337	3333	3333

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.	15894808	225528	67.7	13.799	3333							
Dry Bulb	21751535	269015	80.6	4.403	3337			93.0	89.3	58.8	.2	93
Wet Bulb	17364279	240399	72.1	2.741	3333			89.5	46.7	.1		93
Dew Point	15598334	227576	68.3	4.227	3333			67.6	11.2	.0		93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85						.0												1	1		
84/ 83						.1												4	4		
82/ 81			.0	.4	.1	.2	.1											28	28		
80/ 79		.3	2.0	1.9	.9	.7	.2	.2	.0			.0						200	201		
78/ 77	.1	3.5	6.5	3.7	1.6	.5	.3	.2	.0		.0							526	527	25	7
76/ 75	.4	6.3	8.5	3.0	1.0	.7	.5	.1	.0	.1	.0							664	665	302	133
74/ 73	.5	6.0	5.9	2.0	1.1	.8	.4	.0		.0								541	543	526	402
72/ 71	.5	3.9	3.5	1.2	1.0	.5	.4	.1	.1	.0								359	360	676	522
70/ 69	.2	2.5	2.6	1.1	.9	.7	.1	.2	.0	.0								271	272	416	504
68/ 67	.2	1.6	2.1	1.2	.8	.4	.2	.1										217	217	281	369
66/ 65	.1	.7	1.0	1.2	.5	.3	.2											128	128	256	268
64/ 63	.0	.5	.9	.4	.4	.1	.2	.0										86	86	183	175
62/ 61	.0	.6	.5	.6	.2	.2	.1	.0										76	76	142	155
60/ 59		.5	.4	.3	.3	.1	.0											50	51	137	159
58/ 57		.2	.5	.1	.0	.0												31	33	91	117
56/ 55	.1	.1	.3	.1	.0													20	20	72	115
54/ 53		.1	.2			.0												8	8	54	75
52/ 51			.1	.1	.0													7	7	38	70
50/ 49			.1															2	2	7	36
48/ 47					.0													1	1	7	30
46/ 45																				4	36
44/ 43																				2	17
42/ 41																				1	17
40/ 39																					4
38/ 37																					2
36/ 35																					3
34/ 33																					3
32/ 31																					1
TOTAL	2.1	26.7	35.0	17.5	8.9	5.4	2.8	1.1	.2	.2	.1	.0						3220	3230	3220	3220

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.	21480044	259962	80.7	12.368	3220							
Dry Bulb	17110361	234455	72.6	5.339	3230			78.5	54.9	3.3		90
Wet Bulb	15147495	220001	68.3	6.011	3220			62.2	23.8			90
Dew Point	14219268	212604	66.0	7.516	3220		.0	54.1	15.1			90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (YEARS) SEP (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															2	2		
80/ 79		.2	1.1	.4	.1	.1		.0										60	60		
78/ 77		3.9	3.0	1.0	.4	.1	.1											271	271	18	1
76/ 75	.7	9.1	5.3	1.5	.6	.3	.2		.1	.0								567	570	263	151
74/ 73	.9	8.9	6.4	1.7	.9	.3	.4	.1	.0	.0								633	633	470	386
72/ 71	.7	6.4	4.0	1.1	.9	.3	.1	.1										438	440	539	493
70/ 69	.3	5.0	3.5	1.2	.2	.4	.2	.1		.0								358	359	473	441
68/ 67	.2	2.6	2.1	1.2	.7	.2	.1	.0		.1								236	236	324	389
66/ 65	.1	2.2	1.9	1.2	.5	.4	.1	.0										206	206	264	251
64/ 63	.1	1.3	1.0	.9	.5	.2	.1											128	128	207	212
62/ 61	.2	1.0	.9	.6	.4	.1												102	102	150	189
60/ 59		.7	.7	.7	.3	.2	.1											89	89	136	134
58/ 57		.8	.6	.3	.1	.0												61	62	117	113
56/ 55		.4	.3	.2	.1		.0											35	38	114	126
54/ 53		.1	.3															12	12	57	84
52/ 51		.1	.2															8	8	41	65
50/ 49			.2	.1														8	8	22	69
48/ 47		.0	.0															2	2	11	38
46/ 45				.1														3	3	8	26
44/ 43																				2	27
42/ 41																					10
40/ 39																				3	3
38/ 37																					3
36/ 35																					1
34/ 33																					4
32/ 31																					1
30/ 29																					2
28/ 27																					1
TOTAL	3.2	42.6	31.5	12.3	5.7	2.7	1.3	.4	.1	.2								3219	3229	3219	3220

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.	23428003	272215	84.6	11.262	3219							
Dry Bulb	16262309	228431	70.7	5.629	3229			71.7	42.8	.6		90
Wet Bulb	14787126	217196	67.5	6.410	3219			58.4	21.0			90
Dew Point	14070914	211396	65.7	7.735	3220		.1	52.0	15.0			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.0										1	1		
84/ 83				.1	.1	.0	.1											7	7		
82/ 81			.2	.6	.2	.2	.1	.0	.1									44	45		
80/ 79	.0	.1	2.6	1.9	.4	.3	.1	.2										184	184	2	
78/ 77		3.4	4.5	1.8	.7	.3	.1	.0	.1	.0	.0							350	351	22	4
76/ 75	.6	7.5	6.1	1.9	.7	.4	.2	.1										566	567	351	151
74/ 73	.9	7.3	4.9	1.8	.9	.5	.1	.0	.1									528	528	510	468
72/ 71	1.0	5.8	3.0	1.7	.7	.6	.2	.2	.1	.0								427	428	537	510
70/ 69	.2	4.2	2.8	1.3	.7	.5	.2	.1	.0									325	326	416	424
68/ 67	.2	2.3	2.0	.8	.7	.3	.2	.2	.0									220	220	323	348
66/ 65	.1	1.7	1.5	1.2	.5	.2	.1		.0	.0								173	173	239	258
64/ 63	.1	1.1	1.0	.8	.5	.2	.1											120	121	192	203
62/ 61	.0	1.0	1.1	.5	.4	.2	.1											107	107	154	166
60/ 59		.5	.7	.5	.3	.0												65	65	136	115
58/ 57	.0	.4	.4	.2	.1													37	39	109	132
56/ 55		.4	.3	.1	.1													28	30	91	133
54/ 53		.1	.2	.0	.1	.0												15	16	62	62
52/ 51			.1		.0													4	4	28	68
50/ 49			.1	.0														5	5	22	51
48/ 47		.1		.1														5	5	5	37
46/ 45																				9	35
44/ 43			.0															1	1	1	22
42/ 41																				2	11
40/ 39																				1	4
38/ 37																					3
36/ 35																					4
34/ 33																					3
30/ 29																					1
TOTAL	3.2	36.1	31.6	15.3	7.1	4.0	1.5	.8	.3	.1	.0							3212	3223	3212	3213

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.	22623579	266805	83.1	11.987	3212							
Dry Bulb	16654972	230938	71.7	5.777	3223			74.2	47.0	4.0		90
Wet Bulb	14971481	218337	68.0	6.361	3212			60.6	24.8	.0		90
Dew Point	14180424	212012	66.0	7.705	3213		.0	53.4	17.5			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 YEARS | SEP 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
96/ 95											.0							1	1		
94/ 93										.1	.1	.1	.1	.0				13	13		
92/ 91							.0	.1	.3	.2	.2	.1	.0	.0				31	31		
90/ 89						.0	.4	1.4	1.0	.6	.2	.2	.1			.0		123	123		
88/ 87					.1	.6	2.1	2.1	1.0	.5	.2	.0	.1					213	213		
86/ 85					.7	3.4	4.3	1.8	.6	.4	.2	.1		.0				366	366		
84/ 83			.1	.7	3.4	4.6	2.3	1.0	.7	.3	.0	.2	.0					434	435		
82/ 81			.3	3.4	4.6	2.9	1.1	1.1	.7	.4	.2	.1						479	479		
80/ 79		.1	1.9	4.8	3.2	1.6	1.1	.8	.4	.4	.2							466	466	11	1
78/ 77		.6	2.2	2.1	1.8	1.1	1.1	.6	.5	.3	.1	.0						334	334	132	9
76/ 75	.1	1.2	1.8	1.3	.7	.9	.6	.6	.3	.2	.1							250	250	701	84
74/ 73	.1	.9	.8	.9	.7	.5	.6	.3	.3	.1								163	165	754	357
72/ 71	.1	.8	.6	.6	.7	.5	.3	.2	.2	.1								127	127	470	619
70/ 69	.0	.5	.2	.4	.4	.3	.2	.1	.1									72	75	315	564
68/ 67	.2	.4	.3	.3	.4	.1	.1	.2	.0									61	61	220	392
66/ 65	.0	.2	.2	.1	.3	.1	.1	.1	.0									41	42	181	252
64/ 63		.1	.1	.1	.2		.0											14	14	128	181
62/ 61		.1	.2	.1		.1	.0	.0										17	17	129	2
60/ 59		.2	.0		.1	.0												10	10	73	132
58/ 57		.0					.0											2	2	51	129
56/ 55	.0																	1	1	24	92
54/ 53																				17	63
52/ 51																				8	50
50/ 49																				2	44
48/ 47																				1	35
46/ 45																				1	23
44/ 43																					19
42/ 41																					14
40/ 39																					8
38/ 37																					4
36/ 35																					1
32/ 31																					3
TOTAL	.4	5.2	8.7	14.6	17.0	16.8	14.4	10.4	6.2	3.5	1.6	.8	.2	.1		.0		3218	3225	3218	3218

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.	14096739	207653	64.5	14.721	3218							
Dry Bulb	20788295	258229	80.1	5.885	3225			87.6	80.3	53.3	.4	90
Wet Bulb	16218134	227838	70.8	5.199	3218			72.8	44.7	.1		90
Dew Point	14296362	213224	66.3	7.230	3218		.1	56.7	12.6			90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (YEARS) SEP (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
100/ 99													.1			.0		4	4		
98/ 97										.0	.1	.3	.3	.1	.1	.1		36	36		
96/ 95									.1	.4	1.1	.9	.6	.5	.1	.0	.0	114	114		
94/ 93								.1	.6	2.0	2.3	1.3	.5	.2	.1		.0	225	225		
92/ 91						.1	.2	1.2	3.5	3.7	1.9	.8	.5	.2	.0	.0	.0	392	392		
90/ 89					.0	.1	1.1	3.5	4.9	3.0	1.2	.5	.4	.3		.0		488	488		
88/ 87					.1	.9	2.7	4.0	2.5	1.7	.9	.4	.4	.1				438	438		
86/ 85				.1	.5	2.1	3.5	2.4	1.2	1.5	.9	.7	.5	.0				429	429		
84/ 83				.1	1.3	2.0	1.3	1.0	1.4	.8	.4	.4	.1		.0			282	282	1	
82/ 81			.1	.4	1.3	1.2	1.0	.6	.7	.6	.5	.3	.1					218	218	4	
80/ 79		.0	.4	.9	.9	.5	.4	.3	.5	.4	.4	.1						157	157	33	3
78/ 77		.3	.5	.7	.5	.5	.6	.3	.4	.4	.0	.1						139	139	222	6
76/ 75		.5	.8	.3	.6	.3	.2	.3	.1	.3	.1							114	115	712	53
74/ 73	.0	.2	.4	.3	.1	.2	.2	.1	.2	.1	.0		.0					61	63	748	172
72/ 71	.0	.2	.2	.2	.2	.2	.0	.1	.0	.0		.0						40	40	463	353
70/ 69	.1	.4	.1	.2	.1	.2		.0	.1									39	39	310	509
68/ 67	.0	.2	.0	.2	.1	.1		.0	.0	.0								25	25	240	523
66/ 65		.2		.1	.1	.1												11	11	162	382
64/ 63		.1	.1				.0											5	5	124	263
62/ 61		.1	.2															8	8	106	199
60/ 59		.1		.0														3	3	50	170
58/ 57																				28	135
56/ 55																				15	113
54/ 53																				7	80
52/ 51																					69
50/ 49																				3	60
48/ 47																					38
46/ 45																					42
44/ 43																					20
42/ 41																					12
40/ 39																					15
38/ 37																					2
36/ 35																					3
34/ 33																					2

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												

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 3R,40-74 YEARS | SEP 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
32/ 31																					1
30/ 29																					1
28/ 27																					1
22/ 21																					1
TOTAL	.2	2.3	2.8	3.4	5.7	8.4	11.2	13.9	16.1	14.8	9.9	5.9	3.4	1.4	.3	.2	.1	3228	3231	3228	3228

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]34831	165749	51.3	14.979	3228							
Dry Bulb	2[illegible]34843	277313	85.8	6.426	3231			89.2	86.4	76.1	10.6	90
Wet Bulb	16579596	230824	71.5	4.792	3228			76.2	48.0	.3		90
Dew Point	13612598	208268	64.5	7.371	3228		.1	45.1	6.5	.0		90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (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
102/101													.1		.0		.0	4	4		
100/ 99												.1	.2	.2	.0		.0	15	15		
98/ 97											.2	.5	1.0	.5	.3	.2	.1	91	91		
96/ 95									.1	.5	2.0	2.4	1.3	.8	.1	.1	.1	234	234		
94/ 93							.1	.2	.6	2.2	3.2	2.5	1.0	.4	.2	.0	.1	339	339		
92/ 91						.0	.2	.9	2.2	3.2	2.7	1.9	.8	.3	.2			400	401		
90/ 89						.1	.7	2.3	3.3	2.4	1.9	1.2	.7	.5	.2			426	426		
88/ 87					.1	.3	1.5	3.0	2.5	1.4	1.6	.7	.6	.3	.0			392	392		
86/ 85					.4	1.5	2.4	2.3	1.3	.8	.8	.5	.3	.3				343	343		
84/ 83			.0	.1	.5	1.5	.9	.5	.5	.7	.8	.4	.3	.0				207	207		
82/ 81			.2	.8	1.1	.8	.8	.2	.5	.6	.4	.4						184	184	4	
80/ 79			.6	1.0	.9	.6	.6	.5	.6	.4	.2	.2	.1					184	184	35	3
78/ 77		.4	.6	.7	.6	.2	.3	.2	.1	.3	.0	.1					.0	112	112	168	9
76/ 75	.1	.7	.8	.5	.2	.2	.2	.0	.3	.2	.1	.0						106	109	534	53
74/ 73	.1	.5	.5	.2	.3	.2	.2	.0	.1	.1	.1	.1						70	70	730	135
72/ 71	.0	.3	.4	.2	.1	.1	.0		.0	.1								40	40	537	280
70/ 69	.1	.5	.2	.2	.0				.0									34	34	382	413
68/ 67		.2	.1	.1	.1	.0												15	15	240	447
66/ 65		.1	.0	.0		.1	.0											8	8	165	417
64/ 63		.2			.1													7	7	134	321
62/ 61		.1	.1		.0	.0												8	8	97	246
60/ 59	.1	.0	.1	.0														7	7	53	191
58/ 57																				25	171
56/ 55																				12	120
54/ 53																				8	93
52/ 51																				1	84
50/ 49																					67
48/ 47																				1	45
46/ 45																					45
44/ 43																					29
42/ 41																					24
40/ 39																					13
38/ 37																					14
34/ 33																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
32/ 31																					2
30/ 29																					1
28/ 27																					1
14/ 13																					1
TOTAL	.3	3.0	3.6	3.9	4.4	5.5	7.7	10.2	12.2	12.8	13.9	11.0	6.4	3.4	1.1	.3	.3	3226	3230	3226	3226

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.	8606094	157348	48.8	15.995	3226							
Dry Bulb	24489967	280359	86.8	6.934	3230			89.2	86.7	76.3	19.0	90
Wet Bulb	10444319	229835	71.2	4.653	3226			76.2	43.8	.4		90
Dew Point	13192432	204802	63.5	7.688	3226		.1	37.4	5.6			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 YEARS | SEP 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
100/ 99														.0				1	1		
98/ 97												.0	.0	.1	.0			5	5		
96/ 95										.0	.1	.2	.1	.1				17	17		
94/ 93									.1	.2	.4	.3	.4	.0	.1			48	48		
92/ 91						.1	.0	.1	.4	1.0	.9	.6	.2	.0	.0			108	108		
90/ 89						.0	.3	1.0	1.6	1.5	.8	.5	.2	.1				197	197		
88/ 87					.0	.2	.8	2.4	2.1	1.1	.7	.2	.2		.0			256	256		
86/ 85				.1	.4	1.9	2.8	2.6	1.9	1.1	.7	.3	.1	.0				383	384		
84/ 83				.4	1.4	3.3	2.2	1.5	1.1	.6	.2	.2	.1	.0				359	359		
82/ 81			.2	1.5	2.7	2.2	1.6	.9	.7	.6	.3	.2						359	359	2	
80/ 79	.0	.0	1.0	2.9	2.4	1.5	.9	1.2	1.0	.7	.5	.1	.0					394	394	9	2
78/ 77		.4	1.4	2.7	1.6	1.0	.7	.9	.7	.4	.2	.0		.0				321	321	83	9
76/ 75	.1	1.7	2.0	1.5	.4	.8	.5	.7	.2	.2	.1	.0						264	254	370	55
74/ 73	.1	1.0	.9	.6	.4	.3	.5	.5	.2	.3	.1							161	152	717	183
72/ 71	.1	1.2	.8	.4	.4	.3	.5	.2	.2	.1	.0							138	133	635	394
70/ 69	.1	.6	.6	.3	.2	.5	.1	.2	.2	.0								88	89	409	486
68/ 67	.1	.4	.4	.2	.3	.2	.1	.1	.0	.0								59	60	278	450
66/ 65		.1	.1	.1	.1	.1	.1		.0									18	18	208	323
64/ 63		.2	.0	.1	.1	.1	.1		.0									20	20	173	270
62/ 61		.1				.0	.0											4	4	121	200
60/ 59	.1	.1	.0	.0	.1		.0											12	12	101	183
58/ 57		.1	.1			.1												10	10	56	137
56/ 55			.0															1	1	27	128
54/ 53																				20	107
52/ 51																				8	93
50/ 49																				3	55
48/ 47																				3	35
46/ 45																					44
44/ 43																					27
42/ 41																					16
40/ 39																					10
38/ 37																					4
36/ 35																					6
34/ 33																					4

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 YEARS | SEP 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
32/ 31																					2
22/ 21																					1
TOTAL	.6	5.9	7.6	10.8	10.5	12.6	11.3	12.3	10.5	8.1	5.0	2.9	1.3	.5	.2			3223	3227	3223	3224

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.	12424981	192047	59.6	17.454	3223							
Dry Bulb	21237201	260925	80.9	6.579	3227			88.2	80.2	54.7	2.0	90
Wet Bulb	15815804	225170	69.9	5.125	3223			69.9	33.0	.1		90
Dew Point	13479401	206977	64.2	7.713	3224		.1	44.1	7.0	.0		90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38,40-74 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
96/ 95															.0			1	1		
92/ 91											.0							1	1		
90/ 89								.1		.0	.0							4	4		
88/ 87							.1	.2	.1	.1								13	13		
86/ 85					.0	.2	.5	.4	.3	.1	.0	.0						52	52		
84/ 83				.2	.7	1.7	1.2	.7	.2	.1	.0	.0						153	153		
82/ 81		.0	.3	1.3	3.0	1.9	1.2	.4	.3	.1	.1		.0					279	280		
80/ 79		.3	2.2	4.7	3.7	1.7	.7	.7	.2	.1	.1	.1						470	470	4	
78/ 77		.9	5.0	5.2	2.2	.8	1.0	.7	.2	.1	.1							517	518	43	5
76/ 75	.1	3.3	5.5	3.3	1.7	1.4	.9	.7	.1	.1	.1							557	557	283	33
74/ 73	.3	2.2	3.4	1.3	1.0	.9	.9	.3	.2	.1	.0							362	363	650	295
72/ 71	.2	2.3	1.6	.7	1.1	.7	.7	.1	.3	.0	.0							253	253	649	505
70/ 69	.1	1.0	1.0	1.0	.6	.9	.4	.2	.2									171	171	424	570
68/ 67	.1	.9	1.2	.7	.5	.4	.3	.2	.1									146	146	262	387
66/ 65	.1	.4	.5	.8	.7	.3	.1	.2	.0									98	100	222	265
64/ 63		.3	.2	.4	.5	.1	.1	.1	.0									54	54	189	169
62/ 61		.2	.2	.4	.1	.2		.1										37	38	144	163
60/ 59	.1	.1	.2	.2	.2	.0												24	24	124	178
58/ 57		.2	.1	.1	.1	.1	.0											21	21	91	112
56/ 55		.0	.0	.1		.1	.0											8	8	65	103
54/ 53			.1	.1		.0												5	5	35	110
52/ 51																				20	77
50/ 49																				10	41
48/ 47																				7	29
46/ 45																				3	44
44/ 43																				1	19
42/ 41																					15
40/ 39																					5
38/ 37																					7
36/ 35																					7
34/ 33																					2
32/ 31																					5
TOTAL	1.0	12.2	21.5	21.1	16.2	11.5	8.1	4.9	2.3	.7	.5	.1	.0		.0			3226	3232	3226	3226

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.	17682462	234080	72.6	14.707	3226							
Dry Bulb	18452149	243531	75.3	5.621	3232			83.0	67.2	21.0	.0	90
Wet Bulb	15373808	221920	68.8	5.779	3226			64.6	27.3			90
Dew Point	13963770	210776	65.3	7.723	3226		.1	51.8	11.0			90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 38-74 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
80/ 79			.3	.1														11	11		
78/ 77		1.1	1.6	.1	.1		.0											96	96		
76/ 75	.1	2.1	3.1	.2	.1	.0	.0		.0									195	195	69	18
74/ 73	.2	3.1	2.6	.5	.2	.1	.1	.1	.0									238	239	172	131
72/ 71	.5	3.3	2.8	.8	.3	.2	.2	.1	.1									284	284	243	221
70/ 69	.3	3.8	3.3	1.2	.6	.4	.4	.1	.2	.1								355	355	322	223
68/ 67	.3	4.0	4.0	1.6	1.0	.6	.3	.3		.1								414	417	268	240
66/ 65	.2	3.2	3.3	1.2	.9	.4	.4	.1	.1	.0								335	335	315	236
64/ 63	.2	2.0	2.3	1.2	.9	.4	.4	.1	.1									258	258	304	259
62/ 61	.2	2.2	1.4	1.2	.9	.6	.4	.0										239	241	221	261
60/ 59	.1	1.9	1.3	1.5	1.1	.7	.5	.0										239	239	283	198
58/ 57	.1	1.3	1.3	1.3	.9	.4	.2											185	187	200	208
56/ 55		.9	1.0	1.2	.6	.4	.1	.0										148	148	200	174
54/ 53	.1	.9	1.3	.6	.4	.4	.1	.1										134	134	197	160
52/ 51	.0	1.0	1.0	.7	.6	.0	.1											118	121	189	140
50/ 49		.6	.5	.5	.2	.1	.1											65	65	178	158
48/ 47		.3	.7	.3		.1	.0											49	50	119	165
46/ 45		.2	.2	.2	.0	.1												22	24	95	138
44/ 43		.1	.1	.0		.0												8	8	65	111
42/ 41		.0	.2															7	7	30	92
40/ 39		.0	.2															7	7	18	74
38/ 37		.1	.0															4	4	12	66
36/ 35																				10	55
34/ 33																				1	33
32/ 31																					16
30/ 29																					8
28/ 27																					5
26/ 25																					10
24/ 23																					4
22/ 21																					3
20/ 19																					3
18/ 17																					1
TOTAL	2.3	31.9	37.6	14.6	8.8	5.0	3.4	.9	.4	.2								3411	3425	3411	3411

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.	22002541	269143	78.9	14.987	3411							
Dry Bulb	14499370	221260	64.6	7.750	3425			43.4	14.7			93
Wet Bulb	12750082	206404	60.5	8.737	3411			26.6	6.6			93
Dew Point	11682076	196088	57.5	10.959	3411		1.4	22.7	4.1			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 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
80/ 79			.0															1	1		
78/ 77		.7	.6	.1														48	48		
76/ 75	.3	2.6	1.7	.1	.1													161	161	55	20
74/ 73	.2	4.2	1.6	.1	.1													218	220	154	109
72/ 71	.8	4.8	1.3	.2	.1		.1											246	247	258	246
70/ 69	.6	3.6	1.6	.5	.2	.1	.1	.1	.0									234	234	213	241
68/ 67	.6	4.5	2.0	.6	.4	.4	.2	.2										305	309	205	192
66/ 65	.7	5.3	2.3	.9	.6	.2	.4	.1	.0									359	359	261	222
64/ 63	.5	3.7	1.9	.9	.3	.4	.3	.1										279	280	273	254
62/ 61	.3	3.4	1.8	.9	.4	.3	.3	.1										256	256	238	218
60/ 59	.3	3.4	1.6	1.0	.8	.7	.2	.1										278	278	251	198
58/ 57	.1	1.6	1.6	1.2	.6	.4	.1											192	192	222	215
56/ 55	.1	2.1	1.8	1.2	.6	.4	.1	.1										213	214	181	163
54/ 53	.1	1.7	1.4	1.1	.6	.4		.0										180	180	217	160
52/ 51	.2	1.3	1.0	.8	.4	.3	.1											139	141	200	165
50/ 49	.1	1.6	1.2	.4	.4	.1	.0											128	128	212	156
48/ 47		.4	.6	.5	.1													57	59	162	151
46/ 45		.9	.5	.3	.1	.1	.1											63	64	101	178
44/ 43		.2	.3	.1	.0	.0												22	22	89	120
42/ 41		.1	.1	.0		.0												12	12	50	99
40/ 39		.1	.2															10	10	31	87
38/ 37		.2	.0															7	7	15	60
36/ 35	.1		.0															3	3	18	63
34/ 33																				5	32
32/ 31																					24
30/ 29																					10
28/ 27																					10
26/ 25																					6
24/ 23																					5
22/ 21																					2
20/ 19																					2
16/ 15																					2
14/ 13																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | OCT MONTH

 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
TOTAL	5.0	46.4	25.6	10.8	5.7	3.8	1.9	.8	.1									3411	3425	3411	3411

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.	23972856	281764	82.6	14.306	3411							
Dry Bulb	13676836	214568	62.6	8.279	3425			33.1	11.7			93
Wet Bulb	12332639	202665	59.4	9.242	3411			24.1	5.7			93
Dew Point	11485913	194209	56.9	11.209	3411		1.7	22.0	3.5			93

USAFETAC FORM 0-26-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) OCT (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
80/ 79		.0	.2	.0				.0										9	9		
78/ 77		.7	.9	.3														67	67	6	3
76/ 75	.1	2.8	1.9	.1	.1			.1	.0									176	176	53	22
74/ 73	.4	4.6	1.5	.2	.1		.0	.0	.0									234	234	176	126
72/ 71	.4	4.1	1.6	.3	.1	.1	.0	.1	.1									229	229	244	234
70/ 69	.8	4.7	1.6	.8	.4	.3	.1	.1	.1	.0								295	297	228	241
68/ 67	.9	3.9	2.0	.7	.5	.2	.4	.1	.1									299	301	253	248
66/ 65	.7	4.5	2.0	1.0	.3	.4	.1	.1										306	306	235	187
64/ 63	.7	3.1	1.8	1.0	.6	.6	.3	.1										284	284	264	246
62/ 61	.5	3.2	1.3	1.1	.7	.6	.3	.1		.0								270	271	225	203
60/ 59	.3	3.3	1.6	.8	.9	.4	.4	.1										258	259	243	184
58/ 57	.2	2.2	1.1	1.2	.8	.6	.2											219	220	232	231
56/ 55	.2	1.8	1.6	1.1	.5	.3	.2	.0										195	195	205	178
54/ 53	.2	1.1	1.4	1.0	.7	.3	.1	.0										163	163	195	153
52/ 51	.2	1.3	1.0	.5	.4	.1	.1	.0										122	122	203	134
50/ 49	.1	1.3	1.2	.7	.4	.1	.0											128	128	179	174
48/ 47	.0	.6	.6	.3	.2	.1												62	63	164	165
46/ 45		.6	.3	.3	.0	.0												41	41	108	160
44/ 43		.2	.3	.1	.1	.0												23	23	88	113
42/ 41		.1	.1	.0	.0	.0												12	12	46	91
40/ 39		.2																8	8	36	83
38/ 37		.1	.1															8	8	11	64
36/ 35		.1																2	2	7	67
34/ 33	.0																	1	1	9	31
32/ 31																				1	29
30/ 29																					15
28/ 27																					13
26/ 25																					5
24/ 23																					3
22/ 21																					2
20/ 19																					1
18/ 17																					2
14/ 13																					2

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-5432

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.6	44.4	24.1	11.4	6.7	4.3	2.1	.9	.3	.1								3411	3419	3411	3410

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.	23572804	278860	81.8	15.014	3410							
Dry Bulb	13862058	215842	63.1	8.308	3419			35.7	13.2	.1		93
Wet Bulb	12445188	203600	59.7	9.261	3411		.0	26.2	6.4			93
Dew Point	11537747	194549	57.1	11.338	3410		2.0	23.8	4.1			93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION — RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME — 38-74 YEARS — OCT 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
90/ 89												.1	.1	.0				6	6		
88/ 87						.1	.1	.2	.1		.1	.0	.1					20	20		
86/ 85						.5	.5	.2	.1	.1	.1	.1	.0	.0				53	53		
84/ 83				.2	.5	1.4	.7	.2	.4	.2	.2	.1		.0				130	130		
82/ 81				1.0	1.4	1.1	1.0	.6	.4	.1	.1	.1						194	194		
80/ 79		.1	.6	1.8	2.2	1.5	1.2	.6	.4	.4	.1	.3	.0					312	312		
78/ 77		.2	1.6	2.6	2.2	1.7	1.3	.7	.4	.3	.2	.1						382	382	13	1
76/ 75	.0	.9	2.2	2.3	1.5	1.6	.9	.9	.5	.4	.2	.1						395	395	136	21
74/ 73		.9	2.1	2.0	1.3	1.1	1.2	.4	.6	.3	.1	.1						346	346	309	97
72/ 71	.1	1.2	1.6	1.6	1.6	1.0	1.1	.8	.6	.4	.2	.0						343	343	347	242
70/ 69	.3	1.1	1.4	.9	1.0	1.2	1.0	1.0	.5	.3	.0	.0						299	300	383	347
68/ 67	.2	.9	.9	.5	1.1	.9	1.1	.6	.5	.2	.1							238	238	353	297
66/ 65	.1	.9	.6	.8	.6	.5	.7	.4	.4	.1	.0							175	175	306	309
64/ 63	.1	.4	.4	.6	.6	.7	.6	.6	.4	.1	.0							146	146	255	247
62/ 61	.2	.4	.4	.4	.7	.3	.5	.4	.1									118	118	216	206
60/ 59	.1	.5	.3	.4	.6	.4	.3	.2	.1									96	96	222	200
58/ 57		.1	.2	.2	.3	.4	.2	.1	.0									53	53	216	159
56/ 55	.1	.2	.3	.1	.2	.1	.1	.0	.0									40	41	180	189
54/ 53	.0	.2	.3	.2	.2	.0												33	34	139	147
52/ 51	.1	.1	.1	.1	.1	.1												22	23	131	123
50/ 49		.1		.0	.1	.0												6	6	83	152
48/ 47					.0													1	1	63	115
46/ 45				.1	.0													4	4	38	118
44/ 43																				10	88
42/ 41		.0																1	1	6	79
40/ 39																				6	70
38/ 37																				1	54
36/ 35																					38
34/ 33																					28
32/ 31																					34
30/ 29																					23
28/ 27																					11
26/ 25																					10
24/ 23																					2

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 5432

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | OCT 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
22/ 21																					2
18/ 17																					5
16/ 15																					1
14/ 13																					1
TOTAL	1.3	8.1	13.0	15.7	16.1	14.6	12.3	8.0	5.3	2.9	1.3	1.0	.2	.1				3413	3417	3413	3416

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.	15168487	218929	64.1	18.159	3413							
Dry Bulb	18078077	247243	72.4	7.426	3417			74.0	50.0	15.2		93
Wet Bulb	14178214	218366	64.0	7.789	3413			42.0	12.5			93
Dew Point	12095217	199631	58.4	11.205	3416		2.4	27.4	3.2			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | OCT 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
96/ 95													.0		.1			3	3		
94/ 93										.2	.1	.1		.1	.1			17	17		
92/ 91								.0	.4	.4	.2	.1	.1	.1				47	47		
90/ 89							.1	.8	1.4	.5	.5	.2	.2	.1	.1	.1		135	135		
88/ 87					.0	.1	.9	1.6	1.6	.6	.8	.4	.4	.2	.0			221	221		
86/ 85				.0	.1	1.0	1.6	1.7	1.8	1.1	.8	.8	.2	.2				317	317		
84/ 83				.1	.8	1.8	2.3	2.2	2.0	1.2	1.0	.5	.3	.1				419	421		
82/ 81			.1	.2	1.2	1.4	2.7	2.0	1.4	1.1	.9	.8	.4	.1				410	411		
80/ 79			.3	.7	1.6	1.7	2.4	1.6	.8	1.0	1.2	.8	.3	.1				424	425	2	
78/ 77		.1	.2	.9	1.1	1.1	1.0	1.0	1.2	1.1	.7	.4	.2					310	310	31	2
76/ 75	.0	.1	.2	.5	.5	.9	.9	1.0	1.0	.7	.6	.5	.1					241	241	196	12
74/ 73	.0	.4	.3	.7	.3	.5	.8	.8	1.1	.7	.3	.2	.0					209	209	348	50
72/ 71	.0	.5	.4	.3	.3	.4	.4	.5	.8	.6	.6	.1						167	167	360	141
70/ 69		.4	.4	.4	.3	.3	.3	.4	.8	.3	.2	.0						132	132	420	263
68/ 67	.1	.4	.4	.3	.3	.4	.3	.3	.4	.5	.1	.0						115	115	405	310
66/ 65		.2	.1	.2	.3	.2	.3	.3	.3	.3	.1							75	75	301	290
64/ 63	.1	.1	.1	.1	.1	.2	.3	.1	.1	.1								40	40	257	281
62/ 61	.1	.1	.1	.1	.1	.1	.0	.1	.0									27	28	226	256
60/ 59	.1	.2	.2	.2	.2	.1	.1	.1										42	43	2-3	215
58/ 57	.1	.1	.1	.1	.1	.1	.0	.0										18	19	174	173
56/ 55	.0	.2	.1		.1	.1	.1	.0										22	22	148	196
54/ 53	.0	.2	.2	.0			.0											16	16	121	164
52/ 51		.0				.0												2	2	89	163
50/ 49	.0				.0													2	2	44	138
48/ 47																				30	133
46/ 45																				10	112
44/ 43																				2	110
42/ 41																				4	96
40/ 39																					66
38/ 37																					57
36/ 35																					49
34/ 33																					41
32/ 31																					25
30/ 29																					30

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | OCT 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
28/ 27																					12
26/ 25																					15
24/ 23																					2
22/ 21																					4
20/ 19																					3
14/ 13																					1
12/ 11																					1
TOTAL	.6	3.0	3.1	4.8	7.3	10.4	14.5	14.6	15.0	10.3	8.1	4.8	2.4	1.0	.2	.1			3416		3411
																		3411		3411	

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.	9707181	172151	50.5	17.285	3411							
Dry Bulb	21328515	268753	78.6	7.559	3418			86.3	75.0	49.1	.5	93
Wet Bulb	14775652	223206	65.4	7.054	3411			48.0	15.7	.0		93
Dew Point	11553454	194926	57.1	11.021	3411		2.5	21.2	1.7			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEX. STAT. | SAN ANTONIO | 38-74 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95											.1			.0	.1			6	6		
94/ 93									.0	.1	.4	.2	.1	.1	.1			31	31		
92/ 91							.0	.0	.2	1.1	.6	.2	.3	.2	.1	.0		90	90		
90/ 89							.1	.5	1.4	1.1	1.0	.7	.3	.3	.1	.1		194	194		
88/ 87						.1	.4	1.0	1.4	1.3	1.0	.8	.8	.4	.2			255	255		
86/ 85					.1	.6	1.4	1.5	1.8	1.8	1.2	1.3	.4	.1	.0			348	348		
84/ 83				.1	.6	1.3	1.1	1.9	2.2	1.7	1.1	.9	.7	.2	.0			408	409		
82/ 81				.4	.8	1.1	1.8	2.1	1.7	1.1	1.0	.8	.7	.2				404	405		
80/ 79		.1	.1	.6	1.1	1.4	1.6	1.2	1.5	1.1	1.4	.8	.4	.1				390	391	1	
78/ 77		.1	.4	.6	.9	.9	1.0	.8	1.1	1.3	1.0	.6	.4					311	311	24	
76/ 75		.2	.4	.8	.7	.4	.4	.9	1.0	.6	.8	.5	.1	.0				230	230	161	11
74/ 73		.4	.5	.4	.4	.3	.2	.3	.6	.9	.5	.3	.0					165	165	308	55
72/ 71	.0	.3	.4	.3	.4	.5	.4	.3	.7	.6	.6	.0	.0					156	156	356	122
70/ 69	.0	.4	.5	.3	.4	.3	.1	.3	.5	.3	.4	.1						120	120	418	194
68/ 67	.1	.4	.2	.1	.2	.4	.3	.4	.2	.3	.1							97	98	418	250
66/ 65	.1	.4	.1	.1	.1	.2	.1	.1	.2	.2		.1						58	58	347	283
64/ 63		.1	.1	.1	.2	.2	.1	.1	.1	.0								36	36	307	297
62/ 61	.1	.1	.3	.2	.2	.1		.1	.1									42	42	223	242
60/ 59	.1	.1	.1	.2	.1	.1	.1											30	30	246	227
58/ 57		.1	.1	.0	.1	.0	.1	.1										14	14	180	205
56/ 55		.1	.2		.0	.0	.1	.0										17	17	155	210
54/ 53	.0	.1	.1															8	8	132	173
52/ 51		.0	.0															2	2	57	155
50/ 49		.1																3	3	47	170
48/ 47																				25	143
46/ 45																				4	113
44/ 43																				5	115
42/ 41																				1	110
40/ 39																					97
38/ 37																					57
36/ 35																					42
34/ 33																					46
32/ 31																					20
30/ 29																					41

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												

JSAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 3A-74 YEARS | OCT 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
28/ 27																					21
26/ 25																					5
24/ 23																					3
22/ 21																					3
20/ 19																					1
18/ 17																					1
16/ 15																					2
14/ 13																					1
12/ 11																					1
TOTAL	.6	3.0	3.7	4.3	6.2	8.1	9.4	11.7	14.6	13.5	11.2	7.1	4.2	1.6	.6	.1			3419		3416
																		3415		3415	

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.	8992544	163604	48.0	18.237	3415							
Dry Bulb	21827636	271954	79.5	7.570	3419			87.3	77.1	53.3	1.0	93
Wet Bulb	14714714	222982	65.3	6.741	3415			45.9	13.5			93
Dew Point	11219653	192141	56.2	10.987	3416		2.7	17.2	1.8			93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-74 (YEARS) OCT (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91													.0					1	1		
90/ 89								.0	.1	.1	.0	.0	.0					11	11		
88/ 87							.1	.3	.2	.1		.0	.1					30	30		
86/ 85					.0	.2	.4	.5	.4	.3	.1	.2	.1	.0				74	74		
84/ 83					.2	.8	.6	.6	.5	.2	.2	.1	.1					109	109		
82/ 81			.0	.3	1.1	1.0	1.1	1.2	.4	.4	.2	.2	.1					211	211		
80/ 79			.2	1.2	1.3	1.3	1.4	1.3	.6	.8	.5	.1						299	299		
78/ 77		.2	1.3	1.6	1.6	2.0	1.8	1.4	.6	.6	.5	.1		.0				399	399	4	
76/ 75		.4	1.7	1.7	1.9	2.0	1.5	1.1	.7	.8	.5							423	423	65	10
74/ 73		1.0	1.1	2.0	1.6	1.4	1.5	.7	.6	.6	.2	.1						368	368	230	51
72/ 71	.1	.7	1.1	1.2	1.2	1.3	1.0	.8	.9	.4	.2	.1						309	309	280	150
70/ 69	.2	1.0	1.0	.8	1.0	1.0	.8	1.1	.8	.3	.2							280	280	344	247
68/ 67	.1	1.1	.6	.8	1.0	.9	1.1	.6	.7	.1	.0							246	246	389	243
66/ 65	.1	.8	.6	.6	.6	.6	.9	.6	.5	.1	.0							186	186	363	275
64/ 63	.0	.4	.4	.7	.6	.6	.5	.3	.2	.1								126	126	304	275
62/ 61	.0	.4	.6	.4	.5	.6	.5	.3	.2									122	122	277	255
60/ 59		.2	.4	.3	.4	.3	.3	.3	.1									76	76	237	235
58/ 57	.1	.1	.2	.2	.4	.2	.2	.1	.1									54	54	254	195
56/ 55	.0		.4	.2	.2	.2	.1	.0										43	43	191	215
54/ 53	.0	.3	.3	.1	.1	.1	.0											34	34	158	175
52/ 51		.1			.2	.1												13	13	133	154
50/ 49	.0	.1			.1													5	5	88	150
48/ 47					.0													1	1	47	152
46/ 45			.0															1	1	33	147
44/ 43																				[illegible]	113
42/ 41																				7	99
40/ 39																					66
38/ 37																					60
36/ 35																					45
34/ 33																					39
32/ 31																					25
30/ 29																					18
28/ 27																					16
26/ 25																					4

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 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
24/ 23																					2
22/ 21																					5
TOTAL	.8	6.8	9.8	12.2	14.0	14.7	13.7	11.3	7.7	4.9	2.7	.9	.4	.1				3421	3421	3421	3421

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.	13514387	205803	60.2	18.206	3421							
Dry Bulb	18281593	248825	72.7	7.323	3421			75.0	32.3	16.1		93
Wet Bulb	13848399	216225	63.2	7.292	3421			35.7	8.1			93
Dew Point	11454985	194587	56.9	10.635	3421		1.9	19.1	1.7			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | OCT 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
86/ 85										.0								1	1		
84/ 83					.0	.0												2	2		
82/ 81					.3	.0		.0	.1									13	13		
80/ 79			.5	.7	.4	.2	.1	.0	.0	.1	.1							72	72		
78/ 77		.6	1.9	1.5	.6	.3	.1	.2	.1	.1	.0							189	189	1	1
76/ 75	.0	1.6	3.2	1.9	1.0	.6	.6	.1	.2	.1	.0							323	323	56	17
74/ 73	.1	1.8	2.5	2.6	1.6	1.3	.5	.4	.1	.1	.0							376	377	203	91
72/ 71	.3	1.9	3.0	2.6	1.7	1.0	.4	.3	.3	.1								399	399	237	228
70/ 69	.2	2.2	2.7	2.5	1.3	1.1	.5	.4	.2	.1								386	386	87	213
68/ 67	.3	1.5	2.4	1.7	1.2	.8	.3	.4	.2	.0								299	299	327	249
66/ 65	.1	1.6	2.1	1.9	.9	.8	.7	.6	.2									305	305	351	260
64/ 63	.1	1.0	1.1	1.1	.9	1.0	.5	.4	.1									212	212	307	281
62/ 61		1.1	.7	1.4	1.3	.8	.6	.2	.1									216	216	260	273
60/ 59	.1	.8	1.0	.8	1.1	.6	.3	.1	.0									170	170	245	229
58/ 57		.9	.9	.6	.8	.6	.4	.1										148	148	195	179
56/ 55	.1	.2	.7	.5	.6	.2	.2	.1										87	87	209	206
54/ 53	.0	.4	.9	.4	.6	.3	.2	.1										96	96	187	169
52/ 51		.6	.5	.4	.1	.2	.1											62	62	181	142
50/ 49	.0	.2	.4	.2	.2			.0										38	38	135	143
48/ 47		.1	.1	.1	.1		.0											17	17	95	130
46/ 45		.1	.1	.1														8	8	77	136
44/ 43			.1	.1														4	4	36	109
42/ 41		.0	.1															3	3	21	96
40/ 39		.1																2	2	13	85
38/ 37																				5	58
36/ 35																					43
34/ 33																					20
32/ 31																					32
30/ 29																					15
28/ 27																					7
26/ 25																					7
24/ 23																					1
22/ 21																					5
20/ 19																					2

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 543

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | OCT MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					1
TOTAL	1.3	16.6	24.8	21.1	14.7	10.1	5.5	3.4	1.6	.7	.1								3429		3428
																		3428		3428	

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.	18834157	247897	72.3	16.272	3428							
Dry Bulb	15782005	231239	67.4	7.408	3429			55.9	26.5	1.2		93
Wet Bulb	13244221	211223	61.6	8.180	3428			30.1	7.1			93
Dew Point	11751166	197272	57.5	10.786	3428		1.9	21.7	3.0			93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

94-7 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77				.0														1	1		
76/ 75		.0	.2	.1														11	11		
74/ 73		.8	1.0	.2	.0		.0	.0										69	69	1	
72/ 71	.0	1.5	.6	.2		.0					.0							76	76	47	32
70/ 69	.2	2.4	1.7	.2	.1	.1	.0				.0							155	155	107	77
68/ 67	.3	2.9	1.7	.2	.0	.0	.1	.1			.0							174	174	137	121
66/ 65	.7	2.9	1.2	.2	.2	.1	.2	.1			.0							185	185	179	144
64/ 63	.4	3.1	1.0	.5	.1	.1	.1	.1		.0								182	182	174	183
62/ 61	.4	2.4	1.1	.4	.5	.3	.2	.2	.1	.0								184	184	151	163
60/ 59	.5	2.4	1.3	.8	.5	.2	.3	.1	.0									204	204	130	123
58/ 57	.2	2.4	1.6	1.1	1.0	.4	.4	.0										237	237	158	103
56/ 55	.2	2.1	2.0	1.1	1.4	.5	.3	.1										252	252	164	148
54/ 53	.3	1.8	1.5	1.7	.8	.4	.3											226	227	179	147
52/ 51	.1	1.9	1.5	1.3	.6	.6	.2											201	202	206	137
50/ 49	.3	2.1	1.5	1.5	.8	.7	.1											229	231	203	148
48/ 47	.1	1.9	1.7	1.5	1.0	.5	.1											217	219	272	170
46/ 45	.1	1.1	1.1	1.4	1.0	.2	.2											167	168	232	158
44/ 43	.2	.6	1.5	1.2	.5	.1												133	136	169	175
42/ 41	.1	.9	1.5	.8	.4													125	125	171	176
40/ 39	.1	.7	1.0	.6	.2													86	86	175	154
38/ 37	.1	.7	.8	.6	.1		.0											79	79	165	131
36/ 35	.0	.4	.5	.3	.1	.0												48	48	99	165
34/ 33	.0	.4	.4		.2	.0												33	33	79	116
32/ 31		.2	.1	.0	.0													11	11	46	134
30/ 29		.2	.0	.1	.0													10	10	26	107
28/ 27		.1		.1	.0													7	7	15	75
26/ 25		.0																1	1	9	77
24/ 23																				4	50
22/ 21																				5	37
20/ 19																					12
18/ 17																					8
16/ 15																					10
14/ 13																					5
12/ 11																					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	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (MONTH)

PAGE 2 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
10/ 9																					3
8/ 7																					2
6/ 5																					3
4/ 3																					2
2/ 1																					3
0/ -1																					1
-4/ -5																					1
TOTAL	4.2	36.0	26.5	16.0	9.5	4.2	2.5	.8	.1	.1	.1							3313			3305
																			3303	3303	

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.	20274747	252465	76.4	17.206	3303							
Dry Bulb	10318179	181911	54.9	9.978	3313		.8	13.2	2.2			90
Wet Bulb	8992592	168626	51.1	10.783	3303		2.9	8.0	.0			90
Dew Point	7932672	155568	47.1	13.588	3305	.1	14.5	6.3				90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV 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				
76/ 75			.2	.1														9	8		
74/ 73		.6	.6	.2														48	48	2	2
72/ 71		1.6	.7	.1														77	77	39	16
70/ 69	.2	2.8	1.3	.2		.0												149	149	102	76
68/ 67	.6	2.4	.8	.1			.0											130	130	151	130
66/ 65	.8	2.8	1.5		.1		.0	.0										173	173	144	157
64/ 63	.8	2.5	.5	.2	.1	.0	.2	.1	.1									148	148	165	146
62/ 61	.7	2.2	.5	.3	.4	.2	.3	.2										159	160	143	174
60/ 59	.7	3.0	1.1	.5	.4	.2	.2	.3	.1									212	213	126	111
58/ 57	.6	2.5	1.2	.6	.2	.3	.2	.0										185	185	141	120
56/ 55	.3	2.4	1.5	.7	.9	.4	.1	.0										210	211	139	120
54/ 53	.2	1.9	2.0	1.1	.8	.4	.0											209	209	155	130
52/ 51	.2	2.2	1.6	1.2	.7	.6	.3											226	226	172	106
50/ 49	.8	2.2	2.0	1.5	.7	.6	.1											258	259	215	148
48/ 47	.4	2.1	1.1	1.2	.7	.5	.0											198	200	259	185
46/ 45	.3	2.0	1.6	1.2	.7	.5												204	205	222	182
44/ 43	.1	1.8	1.5	1.0	.6	.2												174	175	191	130
42/ 41	.2	1.2	1.3	1.2	.1	.0												130	134	193	175
40/ 39	.1	.9	1.8	.9	.1	.0												127	128	161	172
38/ 37	.2	.9	.6	.6	.1													77	77	196	144
36/ 35	.0	1.2	.6	.4	.1													76	76	130	147
34/ 33	.1	.6	.8	.2	.1													59	59	88	133
32/ 31		.5	.3	.2	.1													34	34	70	133
30/ 29		.2	.1	.1														11	11	45	126
28/ 27		.1		.1														8	8	21	97
26/ 25		.2	.0															7	7	14	75
24/ 23			.1															3	3	10	53
22/ 21																				4	43
20/ 19																				2	14
18/ 17																					15
16/ 15																					5
14/ 13																					4
12/ 11																					9
10/ 9																					7

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 25-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV 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
8/ 7																					3
6/ 5																					3
TOTAL	7.2	41.0	25.2	13.6	6.8	4.0	1.4	.7	.1									3300	3313	3300	3301

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.	21454398	260296	78.9	16.726	3300							
Dry Bulb	9763066	176470	53.3	10.472	3313		1.7	11.2	1.5			90
Wet Bulb	8645640	164808	49.9	11.214	3300		4.5	8.0	.1			90
Dew Point	7726861	153131	46.4	13.742	3301		16.3	6.1	.1			90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.0													1	1		
76/ 75		.1	.1	.0														7	7		
74/ 73		.4	.7	.1	.0													40	40	3	2
72/ 71	.0	1.3	.7	.1	.0													71	72	31	14
70/ 69	.2	2.9	1.2	.1		.0												145	146	100	74
68/ 67	.6	2.6	.9	.1														138	138	153	139
66/ 65	.6	2.9	1.3	.1	.1	.0	.1											169	169	139	141
64/ 63	1.0	2.0	.6	.1	.0	.0	.0	.1	.1									131	132	171	152
62/ 61	.8	2.5	.7	.2	.2	.1	.2	.1										161	163	129	153
60/ 59	.9	2.9	.9	.7	.2	.4	.2	.2										211	214	138	131
58/ 57	.5	2.2	1.3	.7	.5	.7	.3	.1										205	207	125	114
56/ 55	.4	2.4	1.6	.8	.4	.5	.1											202	205	140	116
54/ 53	.4	2.1	1.6	1.2	1.0	.5	.1											226	226	173	124
52/ 51	.3	2.0	2.0	1.0	.9	.3	.2											220	220	170	127
50/ 49	.3	2.3	1.5	1.1	1.5	.8	.1											248	249	206	136
48/ 47	.6	1.8	1.4	1.5	1.0	.3												217	217	245	182
46/ 45	.1	2.1	1.1	1.3	1.0	.1												190	193	225	150
44/ 43	.1	1.6	1.4	1.3	.8	.2												182	184	192	149
42/ 41	.2	1.1	1.1	1.1	.5													131	133	207	179
40/ 39	.2	1.0	1.6	.8	.1	.1	.0											124	124	184	143
38/ 37	.1	.8	.8	.5	.1													78	78	156	137
36/ 35	.1	1.0	.7	.3	.1													73	73	143	173
34/ 33	.1	.5	.8	.4	.1													65	65	97	146
32/ 31		.3	.3	.2	.0													29	29	62	151
30/ 29		.3	.1	.2	.1													20	20	48	127
28/ 27		.0	.0															2	2	31	98
26/ 25		.1	.1															4	4	11	80
24/ 23		.1	.1															6	6	9	51
22/ 21																				6	44
20/ 19																				2	13
18/ 17																					17
16/ 15																					8
14/ 13																					6
12/ 11																					4

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 9																					0
8/ 7																					1
6/ 5																					5
2/ 1																					1
TOTAL	7.5	39.4	24.7	13.8	8.7	4.0	1.3	.5	.1									3296	3317	3296	3296

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.	21252552	258766	78.5	16.864	3296							
Dry Bulb	9743677	176431	53.2	10.410	3317		1.7	11.0	1.3			90
Wet Bulb	8581698	164072	49.8	11.214	3296		4.6	7.8	.1			90
Dew Point	7647728	152140	46.2	13.774	3296		16.8	6.3	.1			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-74 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83											.0			.0				2	2		
82/ 81					.0	.1		.0	.0		.0							7	7		
80/ 79			.0		.1	.2	.1	.1		.0	.1							16	16		
78/ 77		.1	.1	.5	.5	.3	.2	.1	.0	.1	.1	.0						64	64		
76/ 75		.1	.8	.9	.8	.7	.1	.1	.1	.1	.1	.0						126	126	4	2
74/ 73		.3	1.1	1.4	.8	.3	.2	.2	.2	.1	.1	.0						157	157	10	4
72/ 71		.8	1.6	1.3	1.0	.8	.4	.4	.1	.1	.1							213	214	73	16
70/ 69	.1	1.1	1.9	1.6	.5	.6	.5	.2	.5	.2	.1							237	237	148	88
68/ 67	.2	1.2	1.4	.9	.8	.8	.5	.1	.4	.3	.1							221	222	206	125
66/ 65	.1	1.2	1.1	.7	.7	.8	.7	.7	.5	.3	.0							233	234	210	177
64/ 63	.2	1.4	1.6	.8	.8	.7	.8	.6	.5	.1								247	249	160	170
62/ 61	.3	1.4	1.0	.7	.9	1.0	.9	.8	.2	.0								242	242	189	174
60/ 59	.2	1.0	1.1	1.0	1.4	1.2	1.4	.7	.3	.0								269	269	200	163
58/ 57	.2	1.3	1.0	.8	.9	1.0	.8	.5	.1									217	218	186	150
56/ 55	.0	1.1	.8	.8	.8	1.4	1.0	.3	.1									207	208	204	136
54/ 53	.1	.8	.6	.9	.9	.9	.7	.2										171	171	201	147
52/ 51	.1	.8	.7	.7	1.2	1.0	.3	.1										162	163	225	172
50/ 49	.1	.5	.6	.9	.8	.8	.4											135	135	236	145
48/ 47	.1	.6	.8	.5	.9	.5												116	110	228	125
46/ 45	.0	.3	.3	.7	.6	.4	.1	.1										90	91	217	134
44/ 43		.2	.5	.5	.3	.2	.1											56	56	178	138
42/ 41		.2	.3	.5	.2	.2	.1											50	50	126	149
40/ 39			.0	.3	.2	.1	.0											32	32	112	140
38/ 37	.1	.2	.0	.1	.2	.0												19	19	73	142
36/ 35	.0	.1	.1	.1	.0	.1												12	12	50	162
34/ 33	.1	.0		.0														5	5	25	140
32/ 31				.1														2	2	24	122
30/ 29																				15	110
28/ 27																				4	79
26/ 25																					58
24/ 23																					37
22/ 21																					29
20/ 19																					21
18/ 17																					14

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV 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
16/ 15																					14
14/ 13																					9
12/ 11																					1
10/ 9																					3
8/ 7																					4
6/ 5																					6
2/ 1																					1
0/ -1																					1
TOTAL	1.7	15.3	17.6	16.5	15.5	14.0	9.2	5.2	3.0	1.3	.6	.1		.0				330[a]	3317	3308[a]	3308

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.	15243851	214371	64.8	20.218	3308							
Dry Bulb	12602213	201979	60.9	9.564	3317		.1	28.4	10.1	.5		90
Wet Bulb	10002942	178906	54.1	9.947	3308		1.2	12.0	.4			90
Dew Point	8159449	157843	47.7	13.779	3308	.0	13.8	6.4	.2			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 [a]PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89											.1							2	2		
88/ 87									.0					.1	.2			8	8		
86/ 85								.2	.2	.1	.2	.1	.1	.1				24	24		
84/ 83						.1	.2	.5	.4	.2	.2	.2	.2		.0			66	66		
82/ 81				.0	.3	.6	1.1	.7	.6	.3	.1	.2	.2					130	130		
80/ 79			.0	.2	.8	1.2	1.2	1.0	.5	.4	.3	.2	.2					196	196		
78/ 77		.0	.2	.9	1.3	1.2	1.6	.5	.8	.5	.3	.2	.1					251	251		
76/ 75		.0	.2	.9	1.3	1.2	1.4	1.0	.7	.4	.3	.4	.1	.0				261	261	7	2
74/ 73		.1	.2	.8	1.1	1.3	.7	.5	.5	.7	.5	.2						215	215	32	6
72/ 71		.3	.2	1.0	1.3	.7	1.1	.8	.8	1.0	.7	.2	.1					267	269	114	10
70/ 69	.0	.2	.6	.7	.5	1.0	.9	1.2	1.0	1.0	.6	.2						261	262	220	73
68/ 67		.4	.5	.6	.5	.4	1.0	1.1	1.1	.8	.4	.0						219	219	207	97
66/ 65		.4	.5	.3	.5	.7	.7	1.1	1.2	.5	.2							201	201	261	156
64/ 63	.1	.5	.3	.5	.4	.6	1.0	1.1	1.0	.3	.1							194	194	232	175
62/ 61	.1	.3	.5	.5	.3	.7	.7	.8	1.2	.3	.0							182	182	192	177
60/ 59	.0	.4	.5	.5	.6	.9	.7	1.0	.7	.1								171	171	186	203
58/ 57	.1	.5	.4	.3	.3	.6	.8	.4	.1	.0								118	118	194	170
56/ 55	.1	.8	.2	.4	.4	.8	.4	.6	.0									121	121	234	139
54/ 53		.2	.5	.5	.5	.6	.3	.2	.0									97	97	241	169
52/ 51		.5	.4	.3	.4	.8	.3	.1	.0									94	94	242	126
50/ 49	.0	.3	.5	.1	.4	.5	.2	.1	.1									71	71	238	123
48/ 47	.2	.5	.1	.0	.2	.2	.2	.1										49	49	188	143
46/ 45	.1	.2	.3	.2	.2	.1	.2	.1										46	46	181	152
44/ 43		.2	.2	.2	.1		.2											29	29	100	157
42/ 41		.2	.1	.2	.0	.0												19	19	96	143
40/ 39	.0	.3		.0		.1												13	13	60	138
38/ 37	.1	.0																4	4	37	139
36/ 35				.0														1	1	21	164
34/ 33	.0	.1																3	3	13	125
32/ 31																				8	127
30/ 29		.0																1	1	3	104
28/ 27																					81
26/ 25																					57
24/ 23																					40

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												

FORM 0-26-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC JUN 77

9377 5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 30-74 YEARS | NOV MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					36
20/ 19																					28
18/ 17																					16
16/ 15																					5
14/ 13																					2
12/ 11																					4
10/ 9																					4
8/ 7																					11
6/ 5																					3
4/ 3																					4
2/ 1																					2
TOTAL	.0	6.4	6.2	9.3	11.3	14.3	14.7	13.0	10.7	6.4	3.7	1.8	.8	.2	.2				3317		3313
																		3314		3314	

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.	10502986	174292	52.6	20.067	3313							
Dry Bulb	15345554	223070	67.3	10.185	3317		.0	51.6	31.3	9.0		90
Wet Bulb	10898733	187513	56.6	9.338	3314		.3	15.8	1.1			90
Dew Point	8084528	157226	47.5	13.715	3313		14.2	5.1	.2			90

USAFETAC FORM 0-26-3 (OI A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV MONTH

 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
90/ 89											.1	.0			.0	.0		5	5		
88/ 87									.1	.2	.1	.2	.1	.1	.0	.0		23	23		
86/ 85								.2	.2	.3	.2	.1	.1	.1	.1			41	41		
84/ 83						.1	.4	.4	.5	.4	.3	.2	.4	.1	.0			94	94		
82/ 81					.2	.8	1.1	.9	.7	.5	.4	.1	.2	.1				165	165		
80/ 79		.0		.2	.6	1.1	.9	1.6	.9	.5	.5	.2	.3	.0				229	229	1	
78/ 77				.5	1.1	1.2	1.1	.7	.7	.6	.3	.3	.2					221	221		1
76/ 75		.1		.5	1.0	1.4	1.4	1.0	.8	.7	.5	.5	.2					269	269		
74/ 73		.2	.2	.8	.8	1.0	1.0	.5	.7	.7	.9	.4	.1					236	237	43	6
72/ 71	.0	.1	.2	.4	.9	.7	.9	.9	1.0	.8	.6	.4	.1					239	240	99	11
70/ 69	.0	.3	.5	.7	.6	1.1	.5	1.3	1.1	1.2	.6	.3						275	276	192	53
68/ 67	.0	.1	.2	.5	.5	.4	1.1	1.0	1.2	.6	.2	.1						197	197	207	77
66/ 65	.0	.2	.3	.2	.5	.4	.7	.9	1.4	.8	.2							166	196	275	150
64/ 63	.0	.4	.5	.5	.3	.6	.5	1.0	1.0	.5	.2	.1						184	184	216	132
62/ 61	.1	.3	.7	.7	.4	.6	.8	1.2	.9	.3								196	196	205	173
60/ 59	.0	.7	.5	.4	.4	.8	.7	.7	.6	.0								159	159	213	177
58/ 57	.1	.3	.2	.2	.4	.2	.8	.6	.4	.1								107	107	227	194
56/ 55	.0	.6	.2	.5	.3	.5	.5	.6	.1									109	109	263	183
54/ 53		.7	.3	.4	.4	.6	.5	.3	.0									107	107	229	172
52/ 51	.1	.3	.2	.2	.4	.4	.4		.1									64	64	231	130
50/ 49	.2	.5	.2	.2	.3		.1	.2	.1									56	56	249	141
48/ 47	.0	.6	.2	.3	.1	.2	.1	.2										57	57	178	136
46/ 45	.1	.2	.2	.1	.3	.1	.1	.1										38	38	166	171
44/ 43		.3	.2	.2	.1	.0	.1											27	27	115	150
42/ 41		.2	.2		.1													15	15	87	142
40/ 39	.1	.2			.0													10	10	46	131
38/ 37	.1	.0																4	4	41	132
36/ 35																				14	170
34/ 33		.1																3	3	16	133
32/ 31																				3	136
30/ 29																					93
28/ 27																					75
26/ 25																					66
24/ 23																					51

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV 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
22/ 21																					49
20/ 19																					19
18/ 17																					23
16/ 15																					6
14/ 13																					7
12/ 11																					4
10/ 9																					3
8/ 7																					7
6/ 5																					4
4/ 3																					6
0/ -1																					2
TOTAL	.9	6.3	4.9	7.4	9.7	12.3	13.7	14.4	12.5	6.1	4.9	2.8	1.6	.4	.2	.1			3319		3316
																		3316		3316	

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.	9729509	166425	50.2	20.380	3316							
Dry Bulb	15783243	226323	68.2	10.274	3319			54.2	34.8	12.3		90
Wet Bulb	10918762	187906	56.7	9.038	3316		.1	14.7	1.2			90
Dew Point	7081816	155262	46.8	13.589	3316	.1	15.0	4.0	.2			90

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

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | NOV 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
84/ 83								.0				.0						2	2		
82/ 81						.0	.0	.1	.0									5	5		
80/ 79				.0	.1		.1	.1	.1	.1	.1	.1						23	23		
78/ 77			.2	.4	.4	.3	.3	.1	.2		.1		.0					61	61		
76/ 75		.2	.8	.6	1.0	.5	.4	.3	.2	.3	.0	.1						142	142		
74/ 73		.2	1.1	1.8	.9	.8	.6	.3	.2	.1		.0						200	200	20	4
72/ 71	.1	.2	1.0	1.7	1.1	.9	.5	.3	.2	.2	.1	.0						206	206	59	25
70/ 69		.4	1.6	1.7	1.0	.9	.5	.3	.4	.1	.1							233	234	94	46
68/ 67	.1	.5	1.1	1.2	1.1	.6	.6	.5	.5	.3	.0							215	215	170	84
66/ 65	.1	.6	1.3	1.2	1.1	1.0	.8	.6	.7	.2	.1							255	256	201	142
64/ 63	.1	.6	1.1	.9	.9	1.3	.9	.8	.4	.1								234	235	186	145
62/ 61	.1	1.1	1.1	1.3	1.3	1.2	.8	.6	.5	.1	.1							267	267	209	162
60/ 59	.2	.7	1.0	1.0	1.1	1.0	1.1	1.0	.3	.0								247	248	211	158
58/ 57	.1	.9	.9	1.1	1.2	1.1	1.2	.6	.1									239	239	214	167
56/ 55	.1	.7	.9	.8	1.1	1.3	.8	.5	.0									202	202	210	191
54/ 53	.0	.8	.8	.5	.9	1.1	.8	.2										167	167	244	168
52/ 51	.1	.4	.5	.7	.6	.8	1.0											132	132	245	139
50/ 49	.1	.6	.8	.7	1.0	.9	.3											147	147	214	158
48/ 47	.0	1.0	.5	.6	.5	.5	.2											111	111	221	174
46/ 45		.3	.2	.6	.3	.2	.2											58	58	240	171
44/ 43	.1	.4	.7	.4	.5	.2	.1											77	77	155	170
42/ 41	.1	.3	.2	.3	.2	.2	.1											44	44	154	121
40/ 39	.1	.2	.2	.1	.1	.1	.1											24	24	118	142
38/ 37	.2	.1	.0		.1	.0	.0											14	14	54	156
36/ 35					.0													1	1	46	162
34/ 33		.1	.0															4	4	21	132
32/ 31																				11	119
30/ 29																				10	98
28/ 27																				3	53
26/ 25																					73
24/ 23																					50
22/ 21																					32
20/ 19																					14
18/ 17																					15

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | DEV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					10
14/ 13																					13
12/ 11																					3
10/ 9																					2
8/ 7																					5
6/ 5																					4
4/ 3																					2
TOTAL	1.4	10.1	15.9	17.4	16.4	14.8	11.7	6.3	3.8	1.4	.6	.2	.0						3314		3310
																		3310		3310	

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.	13996030	205444	62.1	19.394	3310							
Dry Bulb	12808694	203686	61.5	9.351	3314			29.5	11.8	.4		90
Wet Bulb	9939198	178672	54.0	9.435	3310		.7	9.3	.5			90
Dew Point	7915742	155886	47.1	13.173	3310		13.4	4.3	.1			90

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

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 63-74 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77												.0						1	1		
76/ 75		.2	.7	.1	.1			.0										33	33		
74/ 73		.4	1.2	.6	.1	.1	.1	.0	.1	.0								87	87	10	1
72/ 71		1.1	1.3	.6	.2	.1	.0	.1	.0	.0	.0	.0						118	118	45	33
70/ 69		1.4	2.5	.9	.4	.2	.1	.1	.1									191	191	100	56
68/ 67	.2	1.5	2.6	.7	.6	.2	.2	.0	.1	.1								203	203	132	110
66/ 65	.2	1.5	1.7	.9	.3	.3	.2	.1	.2	.0								181	181	161	125
64/ 63	.2	2.2	1.6	1.0	.5	.4	1	.4	.1									212	212	203	170
62/ 61	.4	1.9	1.7	.9	.5	.9	.3	.2	.0									226	226	171	180
60/ 59	.1	1.9	1.6	1.1	1.1	.8	.6	.2	.1									249	249	161	136
58/ 57	.0	2.0	2.0	1.5	1.4	.9	.6	.2	.1									286	288	182	128
56/ 55	.3	1.4	1.4	1.6	1.3	.8	.6	.2										248	249	218	187
54/ 53	.1	1.2	1.1	1.4	1.3	.9	.6	.1										221	222	185	155
52/ 51	.1	.7	1.1	1.2	1.1	.9	.3	.0										180	181	219	190
50/ 49	.0	1.6	1.4	1.2	1.3	.8	.2											218	218	222	144
48/ 47	.2	.9	1.2	.9	.8	.6	.1											156	156	243	176
46/ 45	.1	.6	.9	1.5	1.0	.1	.1											142	142	213	166
44/ 43	.1	.7	1.1	.9	.6	.1												115	115	191	183
42/ 41	.1	.6	.8	.7	.3	.2												88	88	188	141
40/ 39	.1	.5	.6	.5	.2													66	66	159	165
38/ 37	.1	.4	.4	.5	.2	.2												52	52	134	142
36/ 35	.1	.0	.2	.2	.1	.1												22	22	73	158
34/ 33	.1	.1	.2	.1	.0													13	13	40	121
32/ 31		.0	.1	.0	.0													7	7	32	137
30/ 29																				14	95
28/ 27																				17	71
26/ 25																				2	79
24/ 23																					43
22/ 21																					26
20/ 19																					18
18/ 17																					6
16/ 15																					12
14/ 13																					7
12/ 11																					5

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE AC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 68-74 YEARS | NOV MONTH

PAGE 2 | 2100-2500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 9																					4
8/ 7																					2
6/ 5																					4
4/ 3																					2
TOTAL	2.3	22.8	27.4	19.0	13.2	8.7	4.1	1.6	.7	.2	.0	.1						3315	3320	3315	3314

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.	18046447	237273	71.6	17.914	3315							
Dry Bulb	11096063	189351	57.0	9.455	3320		.2	17.2	3.3			90
Wet Bulb	9328223	172601	52.1	10.151	3315		1.8	7.8	.3			90
Dew Point	7958753	156347	47.2	13.262	3314		13.9	5.4	.0			90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-5432

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-70,72-74 (YEARS) DEC (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															3	3		
72/ 71		.2	.3															15	15	2	
70/ 69	.1	.6	.3															51	51	12	9
68/ 67	.1	1.1	.9	.1			.0	.1										72	7:	45	24
66/ 65	.2	2.0	.8	.1	.0	.1		.0	.0									107	107	76	58
64/ 63	.2	2.0	.5	.2	.0	.1		.0		.0								100	102	104	96
62/ 61	.5	1.3	.5	.3	.2	.1	.2	.0	.0									103	104	106	109
60/ 59	.9	1.6	.8	.4	.2	.1	.2	.2		.0								143	143	93	99
58/ 57	.7	2.3	.6	.6	.3	.3	.5	.1	.1	.0								189	189	113	97
56/ 55	1.0	2.1	1.1	.7	.6	.2	.1	.2										201	201	156	115
54/ 53	.3	2.9	1.8	.8	.7	.5	.2	.1										239	239	134	113
52/ 51	.6	2.3	1.7	1.1	.8	.7	.2											245	246	184	156
50/ 49	.6	2.4	1.6	1.0	1.0	.5	.2											238	239	205	137
48/ 47	.2	1.7	1.7	1.5	1.1	.5	.1											225	226	201	163
46/ 45	.4	2.4	1.7	2.0	.9	.3	.0											260	260	223	136
44/ 43	.4	2.2	2.3	1.8	1.1	.1												261	262	254	176
42/ 41	.4	1.7	2.5	1.5	.7	.1												230	230	248	174
40/ 39	.1	1.8	2.1	1.3	.4	.0												188	188	272	180
38/ 37	.3	1.5	1.2	.8	.4													139	139	261	177
36/ 35	.2	1.2	1.0	1.0														112	112	198	139
34/ 33	.1	.7	1.1	.2	.1													70	70	147	192
32/ 31	.1	.4	.6	.3	.1													48	48	98	218
30/ 29		.4	.5	.1														34	34	78	165
28/ 27		.2	.5	.2														32	32	41	107
26/ 25		.3	.2															16	16	36	121
24/ 23		.0	.1															3	3	30	88
22/ 21		.1																2	2	5	73
20/ 19		.0																1	1	5	58
18/ 17																					37
16/ 15																					18
14/ 13																					8
12/ 11																					9
10/ 9																					9
8/ 7																					8

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
6/ 5																					3
4/ 3																					2
TOTAL	7.2	35.3	27.0	16.1	8.3	3.4	1.7	.8	.2	.1								3327	3335	3327	3326

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.	20192814	252636	75.9	17.416	3327							
Dry Bulb	8375052	163914	49.1	9.778	3335		3.6	4.0	.1			93
Wet Bulb	7249024	151500		10.262	3327		8.2	1.6				93
Dew Point	6213404	137184		12.921	3326		25.8	.9				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477-54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 68-70,72-74 YEARS | DEC MONTH

 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				
74/ 73			.1															2	2		
72/ 71		.0	.2	.0						.0								11	11		
70/ 69	.2	.7	.4								.0							41	41	13	7
68/ 67	.0	1.1	1.4															84	84	42	27
66/ 65	.5	1.8	.6						.0									95	95	80	66
64/ 63	.5	1.7	.1	.1	.1				.1									84	84	116	110
62/ 61	.3	1.3	.2	.1	.1	.1	.0	.0										73	76	80	85
60/ 59	1.2	1.9	.3	.2	.1	.1	.1	.1	.0									137	137	102	105
58/ 57	.9	1.8	.7	.3	.2	.2	.1	.1										143	143	94	90
56/ 55	1.0	1.9	.4	.5	.4	.2	.2	.1										156	157	110	90
54/ 53	.8	2.3	1.3	.8	.3	.3	.3	.0										203	204	138	112
52/ 51	.8	2.6	1.1	.8	.5	.3	.1	.0										210	210	150	121
50/ 49	.6	3.3	1.4	1.1	.5	.5	.1	.0										255	256	181	132
48/ 47	.5	2.0	1.6	1.4	.7	.4	.0											223	223	209	151
46/ 45	.8	2.6	1.3	1.4	.6	.4												236	238	213	162
44/ 43	.4	2.8	2.2	1.7	.7	.1												261	262	234	156
42/ 41	.6	2.3	2.3	1.9	.5	.1												254	256	243	179
40/ 39	.3	2.2	3.0	1.7	.3	.0												249	249	244	184
38/ 37	.3	1.6	1.5	.8	.3													149	150	274	172
36/ 35	.1	1.9	1.8	.6	.1													148	148	227	191
34/ 33	.2	1.1	1.3	.5														102	102	172	180
32/ 31	.0	.6	.8	.2	.1													58	58	137	202
30/ 29		.8	.8	.3														63	63	84	185
28/ 27		.6	.7	.2														50	50	64	152
26/ 25		.4	.2															20	20	55	119
24/ 23	.0	.2	.2															13	13	40	104
22/ 21		.0	.1															3	3	15	67
20/ 19	.0	.0																2	2	8	59
18/ 17																					40
16/ 15																					32
14/ 13																					9
12/ 11																					16
10/ 9																					5
8/ 7																					8

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9-77 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911. STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-74 YEARS | DEC 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
6/ 5																					6
TOTAL	10.0	39.7	25.9	14.9	5.4	2.7	1.0	.3	.1	.0	.0								3337		3325
																		3325		3325	

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.	21231438	259872	78.2	16.642	3325							
Dry Bulb	7905824	158834	47.6	10.179	3337		5.8	3.8	.1			93
Wet Bulb	6957016	147880	44.5	10.692	3325		11.3	1.5				93
Dew Point	6057207	135049	40.6	13.118	3325		28.1	1.0				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-74 YEARS | DEC 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
72/ 71		.0	.2															8	8		
70/ 69	.0	.5	.2	.0		.0												25	25	7	6
68/ 67	.1	1.4	1.0	.1						.0								86	86	35	21
66/ 65	.4	2.4	.6	.0					.0	.0								115	115	86	67
64/ 63	.4	1.7	.3	.2	.0				.1									87	87	116	99
62/ 61	.4	1.8	.2	.2	.1		.1	.0	.0									92	92	98	96
60/ 59	1.2	1.4	.2	.0	.0	.0	.1	.1	.1									101	101	104	126
58/ 57	1.0	1.7	.6	.2	.2	.1		.1										127	129	88	80
56/ 55	.7	1.6	.7	.4	.1	.3	.2	.2										137	139	90	84
54/ 53	1.3	2.3	1.3	.5	.2	.3	.2	.0										202	203	124	110
52/ 51	.6	2.3	1.1	.6	.3	.4	.0											176	176	133	95
50/ 49	.8	2.6	1.3	1.1	.7	.4	.2											233	233	189	133
48/ 47	1.0	2.2	1.5	1.4	.9	.3	.1											244	246	173	153
46/ 45	.7	2.9	1.7	1.6	.9	.2												269	271	196	152
44/ 43	.5	2.4	2.2	1.6	.5	.1												244	246	254	139
42/ 41	.5	2.4	2.2	1.3	.3	.1												226	227	244	178
40/ 39	.5	2.4	2.9	1.7	.3													260	261	263	180
38/ 37	.3	2.0	2.3	1.1	.1													197	197	266	191
36/ 35	.0	1.3	1.6	.8	.2													130	130	218	170
34/ 33	.1	1.3	2.0	.4														124	124	184	189
32/ 31	.1	1.1	.6	.2	.1													68	68	136	220
30/ 29	.1	.5	1.0	.2														62	63	124	192
28/ 27	.1	.6	.9	.2														58	58	56	143
26/ 25		.4	.4	.0														27	27	60	135
24/ 23		.6	.1															22	22	42	105
22/ 21		.0	.1															3	3	32	82
20/ 19			.0															1	1	4	45
18/ 17																				2	52
16/ 15																					34
14/ 13																					20
12/ 11																					10
10/ 9																					5
8/ 7																					10
6/ 5																					3

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

9477-54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 68-70,72-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					1
2/ 1																					1
TOTAL	10.7	39.6	27.3	13.9	4.9	2.2	.7	.4	.2	.1								3324	3323	3324	3323

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.	21363851	260725	78.5	16.525	3323		6.7	3.3				93
Dry Bulb	7741140	157006	47.0	10.332	3338		12.8	1.2				93
Wet Bulb	6833251	146329	44.0	10.855	3324		29.8	.8				93
Dew Point	5954698	133570	40.2	13.279	3323							

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-74 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												.0						1	1		
80/ 79											.0							1	1		
78/ 77							.1											2	2		
76/ 75				.0	.1	.1	.0	.0		.1								13	13		
74/ 73		.0	.1	.2	.2	.0	.0		.0	.0								21	21		
72/ 71		.2	.6	.4	.4	.1	.1	.1	.0		.0							63	63	1	
70/ 69	.1	.6	1.1	.8	.2	.1	.1	.1	.1	.1	.1							120	120	24	10
68/ 67	.1	1.1	1.6	.6	.2	.2	.1	.1	.1	.1								147	147	69	40
66/ 65	.1	1.4	1.0	.5	.5	.5	.3	.2	.4	.1								173	173	127	74
64/ 63	.2	1.6	.6	.6	.3	.4	.5	.2	.2	.1	.1							155	155	137	97
62/ 61	.5	1.4	.7	.7	.4	.4	.6	.4	.4	.1								185	185	130	160
60/ 59	.4	1.5	.8	.9	.8	.9	1.0	.3	.3	.1								234	236	115	112
58/ 57	.5	1.4	.7	.9	1.0	.7	1.0	.5	.2									234	237	144	115
56/ 55	.5	1.3	1.3	.7	.8	1.2	1.0	.3	.1									239	240	161	104
54/ 53	.4	1.5	.9	1.4	1.3	.9	.9	.2										254	254	164	120
52/ 51	.3	1.7	1.0	1.1	1.1	1.3	.5	.1										241	241	222	122
50/ 49	.5	1.4	1.4	1.3	1.3	.9	.4	.1										245	246	250	170
48/ 47	.3	1.0	1.2	1.0	1.2	1.0	.1	.0										198	200	245	137
46/ 45	.2	1.3	1.0	1.4	1.0	.4	.1											179	180	279	154
44/ 43	.3	1.6	.7	1.0	.9	.4	.1											170	170	269	172
42/ 41	.2	.9	1.2	.9	.6	.2	.0											135	135	247	191
40/ 39	.1	.9	1.0	.6	.8													114	114	200	187
38/ 37	.0	.4	.5	.7	.3													63	63	170	136
36/ 35	.1	.3	.6	.5	.1													56	56	110	188
34/ 33	.1	.0	.4	.4	.1													34	34	87	164
32/ 31		.2	.3	.3	.1													32	32	73	172
30/ 29		.1	.1	.1														11	11	49	142
28/ 27	.1	.0	.1	.1														12	12	30	121
26/ 25			.0															1	1	19	111
24/ 23			.0															1	1	8	84
22/ 21																				3	81
20/ 19																				1	51
18/ 17																					42
16/ 15																					29

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 5432

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-74 YEARS | DEC 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
14/ 13																					16
12/ 11																					11
10/ 9																					10
8/ 7																					4
6/ 5																					3
4/ 3																					2
2/ 1																					1
0/ -1																					1
-6/ -7																					1
TOTAL	5.2	22.0	19.1	17.2	14.1	9.9	6.9	2.7	1.8	.7	.2	.0							3344		3335
																		3334		3335	

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.	16713117	225363	67.6	21.070	3334							
Dry Bulb	9986443	179751	53.8	9.848	3344		1.6	10.2	1.1	.0		93
Wet Bulb	8086653	160829	48.2	9.960	3335		5.1	2.6				93
Dew Point	6501868	140190	42.0	13.514	3335	.1	24.6	1.4				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-74 YEARS | DEC MONTH

PAGE 1 | 1200-1400 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				
90/ 89														.0				1	1		
88/ 87													.0					1	1		
86/ 85													.0					1	1		
84/ 83								.0	.1		.1	.0	.0	.0				8	8		
82/ 81						.0	.1	.0	.1			.1	.1					13	13		
80/ 79				.0	.0	.2	.3	.2	.2	.1	.0	.0	.0	.0				39	39		
78/ 77				.1	.3	.6	.6	.2	.1	.0	.1	.2	.0	.1				78	78		
76/ 75			.1	.3	.7	.8	.7	.5	.2	.2	.3	.2	.1					138	138		
74/ 73		.0	.2	.7	.8	.9	.7	.4	.4	.3	.2	.2						162	162	1	
72/ 71		.1	.2	1.0	.9	.8	.5	.4	.7	.5	.4	.2	.0			.0		194	194	1	1
70/ 69		.2	.9	1.1	.9	.9	.6	.8	.5	.4	.4	.1						228	228	54	11
68/ 67	.0	.1	.7	.5	1.0	1.0	.5	1.2	1.1	.5	.2	.1						230	240	102	23
66/ 65	.1	.3	.6	.7	.9	.7	.8	1.0	.9	.4	.3							224	225	174	71
64/ 63	.1	.5	.7	.6	.7	.8	.7	1.4	.8	.7	.1							236	237	182	101
62/ 61	.1	.5	.6	.7	.6	1.0	.9	1.0	.9	.2	.0							222	222	156	148
60/ 59	.1	.6	.7	.6	.5	.8	1.1	1.0	.9									210	211	178	125
58/ 57	.2	.7	.6	.2	.6	1.0	1.2	1.1	.5	.1								207	207	197	141
56/ 55	.1	.4	.5	.5	.7	1.1	1.0	.8	.4	.0								185	185	223	150
54/ 53	.2	1.0	.5	.7	.8	.8	1.0	.5	.1									138	138	232	156
52/ 51	.2	1.0	.4	.6	.6	.7	.5	.2										141	141	257	158
50/ 49	.2	1.0	.6	.6	.4	.8	.6	.1	.0									148	149	266	132
48/ 47	.1	.4	.2	.4	.6	.5	.3	.1										90	90	254	136
46/ 45	.1	1.0	.2	.7	.7	.5	.2											115	115	274	143
44/ 43	.2	.8	.4	.3	.5	.4	.1											91	91	194	156
42/ 41	.1	.6	.4	.3	.3	.3												65	65	156	184
40/ 39		.3	.3	.3	.3	.1												44	44	146	159
38/ 37	.0	.2	.1	.2	.2	.0												26	26	99	155
36/ 35	.1	.2	.2	.2	.1	.1												26	26	66	178
34/ 33	.0	.2	.1		.1													14	14	54	146
32/ 31			.0	.1														3	3	33	164
30/ 29				.0														1	1	16	134
28/ 27	.0	.1																3	3	8	113
26/ 25																				6	110
24/ 23																				1	83

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-74 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
22/ 21																					69
20/ 19																					63
18/ 17																					46
16/ 15																					27
14/ 13																					13
12/ 11																					10
10/ 9																					10
8/ 7																					4
6/ 5																					1
4/ 3																					4
2/ 1																					1
-8/ -9																					1
TOTAL	1.9	10.4	9.5	11.3	13.4	14.8	12.5	10.9	7.8	3.4	2.2	1.2	.4	.1		.0		3341	3340	3341	3341

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11831282	185096	55.4	21.727	3341							
Dry Bulb	12658792	202770	60.6	10.528	3346		.2	30.7	12.3	1.3		93
Wet Bulb	9173161	172217	51.5	9.413	3341		1.8	4.7	.0			93
Dew Point	6653040	142058	42.5	13.545	3341	.0	23.8	1.0				93

USAFETAC FORM JUN 71 C-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 68-70,72-74 YEARS | DEC 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
90/ 89														.0				1	1		
88/ 87													.0					1	1		
84/ 83							.0	.1	.1	.1	.0			.1				15	15		
82/ 81					.0	.0	.2	.2	.3	.1	.1	.0	.1	.0				38	38		
80/ 79					.1	.1	.5	.3	.4	.2	.1	.2	.2	.0				67	67		
78/ 77				.1	.3	.4	.6	.4	.4	.3	.	.1	.2	.1				96	96		
76/ 75			.1	.1	.6	1.0	.7	.6	.3	.4	.2	.4	.1					148	148		
74/ 73			.1	.4	.8	1.2	1.0	.4	.6	.4	.4	.5	.1					198	198	1	
72/ 71		.0	.3	.5	1.0	.9	1.2	.6	.8	.5	.4	.2	.0					217	219	15	1
70/ 69		.1	.4	.8	1.0	1.1	.7	1.1	1.1	.5	.5	.2	.0					255	256	40	12
68/ 67		.1	.5	1.0	.4	1.1	.7	1.1	.5	.7	.4	.0						211	211	99	10
66/ 65	.1	.3	.5	.5	.7	.8	.8	1.2	1.0	.6	.3	.0						227	227	152	40
64/ 63	.1	.4	.5	.5	.7	.7	.8	1.4	1.0	.8	.1							231	231	194	78
62/ 61	.0	.3	.5	.7	.4	.6	1.0	1.2	1.1	.4								208	208	191	126
60/ 59	.2	.6	.6	.6	.5	.7	1.1	1.5	1.0	.1								230	231	191	145
58/ 57	.0	.4	.6	.6	.5	1.0	1.2	1.1	.6	.1								204	204	204	151
56/ 55	.1	.4	.4	.4	.7	.7	.7	.8	.2	.0								146	146	233	137
54/ 53	.2	.7	.4	.6	.6	1.1	.9	.7	.1									177	177	275	179
52/ 51	.1	1.2	.5	.4	.5	.5	.6	.3										137	137	221	187
50/ 49	.2	.7	.4	.5	.7	.4	.4	.1										114	116	279	198
48/ 47	.1	.6	.4	.4	.6	.6	.3	.1										100	100	274	142
46/ 45	.2	.7	.4	.3	.2	.4	.2	.1										85	85	242	152
44/ 43	.2	.6	.4	.4	.2	.5	.1											77	77	197	134
42/ 41	.0	.4	.4	.3	.2	.3	.0											56	56	174	167
40/ 39		.4	.3	.1	.4	.0												41	41	110	191
38/ 37	.0	.3	.1	.2	.1	.1												28	28	91	158
36/ 35	.1	.1	.1	.1	.1													16	16	61	160
34/ 33	.0	.1	.1	.1	.0	.0												12	12	44	153
32/ 31		.1	.0															3	3	33	174
30/ 29																				9	148
28/ 27		.1																3	3	10	96
26/ 25																				1	113
24/ 23																					94
22/ 21																					69

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												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-70,72-74 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
20/ 19																					52
18/ 17																					55
16/ 15																					29
14/ 13																					20
12/ 11																					11
10/ 9																					4
8/ 7																					4
6/ 5																					2
4/ 3																					3
0/ -1																					1
-2/ -3																					1
TOTAL	1.7	8.7	8.0	9.4	11.1	14.3	13.6	13.2	9.6	5.3	2.5	1.6	.7	.2					3348		3342
																		3342		3342	

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.	10794868	175834	52.6	21.495	3342							
Dry Bulb	13180047	207021	61.8	10.642	3348		.2	34.7	15.7	2.3		93
Wet Bulb	9276999	173435	51.9	9.097	3342		1.5	4.3	.0			93
Dew Point	6531230	140932	42.2	13.268	3342	.1	24.4	.8				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 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							.0											1	1		
78/ 77				.0		.1	.0	.1		.0								7	7		
76/ 75				.1	.2	.1	.1	.1										16	16		
74/ 73			.2	.3	.2	.1	.1	.2			.0							38	38		
72/ 71		.0	.5	.6	.3	.5	.2	.1	.0	.0	.1							77	77	2	
70/ 69	.0	.4	.8	.6	.8	.4	.3	.1	.1	.0		.0						122	123	18	5
68/ 67		.3	1.2	1.1	.9	.7	.2	.2	.1	.1	.1							166	165	57	26
66/ 65	.1	.6	1.3	1.2	.9	.7	.5	.4	.3	.1	.1							206	206	94	49
64/ 63		.8	.8	1.0	.7	.7	.9	.4	.3	.2	.0							196	196	113	67
62/ 61	.1	.7	.8	1.2	.9	.8	.8	.5	.4	.1								210	210	160	104
60/ 59	.3	.9	1.6	1.2	1.5	1.2	.7	.7	.2	.1								278	278	149	99
58/ 57	.4	1.2	1.1	.9	1.3	1.1	.8	.6	.2									251	252	181	143
56/ 55	.1	1.2	.9	1.6	1.3	1.3	1.0	.5	.1									269	270	205	145
54/ 53	.3	1.2	1.0	.9	1.5	1.3	1.0	.2										249	250	212	180
52/ 51	.1	1.2	.6	1.3	1.3	1.6	.8	.1	.0									237	236	239	169
50/ 49	.3	1.3	.9	1.5	1.4	1.4	.5	.0										246	246	266	154
48/ 47	.1	.9	.8	1.4	1.3	.9	.4											197	197	243	174
46/ 45	.1	1.0	.8	.9	1.1	.5	.1											150	150	278	162
44/ 43	.2	.6	.9	.7	.8	.2												114	114	268	160
42/ 41	.2	.6	.5	.4	.5	.3	.0											88	88	262	177
40/ 39	.1	.5	.6	.5	.5	.1												81	81	177	210
38/ 37		.2	.4	.5	.3	.0												50	50	137	178
36/ 35	.1	.4	.1	.3	.1													34	34	100	164
34/ 33	.2	.1	.2	.3	.1													30	30	71	153
32/ 31		.1	.1	.1														9	9	53	185
30/ 29		.0	.1	.1	.0													8	8	29	135
28/ 27		.1		.1														5	5	15	101
26/ 25																				11	131
24/ 23																				3	81
22/ 21																				2	59
20/ 19																					45
18/ 17																					39
16/ 15																					31
14/ 13																					13

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	≥ 9? F	Total
Dry Bu												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					12
10/ 9																					5
8/ 7																					2
6/ 5																					6
-6/ -7																					1
TOTAL	2.8	14.5	16.5	18.7	18.0	14.1	8.4	4.1	1.9	.7	.4	.0							3344		3335
																		3335		3335	

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.	14790067	211891	63.5	19.954	3335							
Dry Bulb	10508644	185368	55.5	9.329	3344		.6	12.0	1.7			93
Wet Bulb	8287676	163394	49.0	9.203	3335		3.2	2.1				93
Dew Point	6448691	140313	42.1	12.789	3335	.0	23.6	.9				93

USAFETAC FORM 0-26-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

9477 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 3P-74 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.0															1	1		
74/ 73			.1															2	2		
72/ 71		.1	.2	.2	.1													17	17	2	
70/ 69		1.1	.7	.2		.0												57	57	12	8
68/ 67	.1	1.1	1.2	.3	.3	.0	.1	.1										101	104	49	25
66/ 65	.1	1.4	1.7	.3	.1	.1			.1		.0							123	125	83	57
64/ 63	.1	1.7	1.2	.3	.4	.1	.1			.1								139	141	105	94
62/ 61	.3	1.0	.9	.8	.3	.2	.1	.1	.1	.0								129	129	123	114
60/ 59	.3	1.5	1.4	.6	.8	.6	.2	.3	.1	.0								194	194	96	109
58/ 57	.4	1.7	1.7	.8	.8	.3	.4	.2	.1									210	210	122	102
56/ 55	.5	1.8	2.0	1.2	1.0	.8	.3	.5										269	269	177	99
54/ 53	.5	1.8	2.2	1.2	.8	.7	.4	.1	.0									251	253	156	139
52/ 51	.3	1.7	1.4	.9	1.2	.9	.4											231	232	206	154
50/ 49	.7	1.8	1.4	1.9	1.7	.9	.2	.0										287	290	269	175
48/ 47	.2	1.4	1.5	2.2	2.0	.8	.2											272	272	200	172
46/ 45	.2	1.8	1.7	2.3	1.5	.6	.0											272	272	218	154
44/ 43	.4	1.2	1.4	1.2	1.2	.3												191	191	294	171
42/ 41	.2	1.5	1.4	.9	.7	.1												161	161	290	156
40/ 39	.2	1.0	1.3	1.0	.4	.0												129	129	259	203
38/ 37	.2	.8	1.2	.8	.4													111	111	222	166
36/ 35	.1	.4	.6	.6	.2													65	65	156	184
34/ 33	.2	.3	.6	.3	.3													53	53	100	192
32/ 31		.0	.5	.2	.0													24	24	76	189
30/ 29		.2	.3	.1														18	18	49	134
28/ 27		.1	.3	.1														15	16	39	113
26/ 25		.0	.1															3	5	15	126
24/ 23		.0																1	1	17	91
22/ 21		.0																1	1	1	83
20/ 19																				1	34
18/ 17																					30
16/ 15																					23
14/ 13																					14
12/ 11																					15
10/ 9																					6

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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

9477 54321

DATA PROCESSING BRANCH
1 USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					2
6/ 5																					2
4/ 3																					1
TOTAL	4.7	25.3	26.9	18.3	14.2	6.4	2.4	1.3	.3	.1	.0								3343		3328
																		3329		3328	

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.	18166785	238245	71.6	18.276	3328							
Dry Bulb	9090789	171541	51.3	9.290	3343		1.8	5.3	.1			93
Wet Bulb	7612058	155828	46.8	9.741	3328		5.5	1.0				93
Dew Point	6317801	138631	41.7	12.775	3328		24.1	.9				93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9-77 54321

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (YEARS)

HRS (L S.T.)		JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	46.6	49.9	55.5	63.2	69.1	74.5	76.7	76.8	72.6	64.6	54.9	49.1	62.9
	S D	11.088	9.806	9.412	7.671	5.275	3.919	2.780	3.280	5.339	7.750	9.978	9.778	13.244
	TOTAL OBS	3417	3053	3243	3307	3422	3273	3388	3329	3230	3425	3313	3335	39735
03-05	MEAN	45.1	48.2	53.6	61.6	67.5	73.0	74.9	74.8	70.7	62.6	53.3	47.6	61.1
	S D	11.411	10.259	10.103	8.393	5.845	4.114	2.504	3.138	5.629	8.279	10.472	10.179	13.415
	TOTAL OBS	3423	3055	3241	3301	3426	3269	3386	3330	3229	3425	3313	3337	39735
06-08	MEAN	44.4	47.5	53.6	62.3	69.1	74.9	76.6	76.1	71.7	63.1	53.2	47.0	61.8
	S D	11.586	10.321	10.219	8.180	5.712	4.226	3.144	3.586	5.777	8.308	10.410	10.332	14.179
	TOTAL OBS	3428	3054	3240	3304	3436	3325	3449	3398	3223	3419	3317	3338	39931
09-11	MEAN	50.2	54.0	61.0	69.4	76.3	82.1	84.6	84.6	80.1	72.4	60.9	53.8	69.3
	S D.	11.422	10.014	9.723	7.449	5.605	4.475	3.320	4.259	5.885	7.426	9.564	9.848	14.497
	TOTAL OBS	3423	3053	3244	3308	3449	3364	3478	3428	3225	3417	3317	3344	40050
12-14	MEAN	57.0	60.8	67.9	75.7	81.9	87.8	90.8	91.0	85.8	78.6	67.3	60.6	75.6
	S D	12.281	11.057	10.489	7.951	6.359	5.165	4.491	5.095	6.426	7.559	10.185	10.528	14.594
	TOTAL OBS	3418	3051	3238	3305	3450	3359	3484	3427	3231	3418	3317	3346	40044
15-17	MEAN	59.1	63.1	70.5	77.6	83.5	89.3	92.6	92.7	86.8	79.5	68.2	61.8	77.2
	S D	12.706	11.569	10.771	8.298	6.744	6.016	5.525	6.119	6.934	7.570	10.274	10.642	14.729
	TOTAL OBS	3431	3046	3246	3304	3455	3359	3484	3423	3230	3419	3319	3348	40064
18-20	MEAN	53.4	57.7	64.8	72.2	78.4	84.3	87.7	87.3	80.9	72.7	61.5	55.5	71.4
	S D	11.258	10.241	9.907	7.646	6.287	5.833	5.758	6.211	6.579	7.323	9.351	9.329	14.550
	TOTAL OBS	3424	3044	3246	3290	3417	3274	3382	3339	3227	3421	3314	3344	39722
21-23	MEAN	49.0	52.7	58.9	66.3	72.3	77.9	80.8	80.6	75.3	67.4	57.0	51.3	65.9
	S D	10.746	9.515	8.944	6.727	5.097	4.260	3.930	4.403	5.621	7.408	9.455	9.290	13.504
	TOTAL OBS	3418	3050	3249	3293	3412	3275	3387	3337	3232	3429	3320	3343	39745
ALL HOURS	MEAN	50.6	54.2	60.7	68.5	74.8	80.5	83.1	83.0	78.0	70.1	59.5	53.4	66.2
	S D	12.650	11.697	11.673	9.732	8.234	7.604	7.656	8.006	8.462	9.943	11.414	11.316	15.265
	TOTAL OBS	27382	24406	25947	26412	27467	26498	27498	27011	25827	27373	26530	26735	319026

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12911 — STATION
RANDOLPH AFB TEXAS/SAN ANTONIO — STATION NAME
38-75 — YEARS

HRS. (L S T.)		JAN.	FEB	MAR	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	43.2	46.3	51.2	59.1	65.7	70.8	71.9	71.7	68.3	60.5	51.1	45.5	58.8
	S D	11.445	10.323	10.321	8.739	5.848	3.687	2.176	2.850	6.011	8.737	10.783	10.262	13.308
	TOTAL OBS	3401	3050	3243	3306	3421	3270	3386	3322	3220	3411	3303	3327	39660
03-05	MEAN	42.3	45.0	50.0	58.2	64.8	70.3	71.6	71.3	67.5	59.4	49.9	44.5	58.0
	S D	11.834	10.703	10.893	9.275	6.309	3.973	2.355	3.192	6.410	9.242	11.214	10.692	13.743
	TOTAL OBS	3405	3054	3241	3299	3425	3266	3305	3323	3219	3411	3300	3325	39653
06-08	MEAN	41.7	44.5	49.9	58.6	65.7	71.2	72.5	72.1	68.0	59.7	49.8	44.0	58.3
	S D	12.022	10.796	10.997	9.121	6.053	3.707	2.308	3.108	6.361	9.261	11.214	10.855	14.181
	TOTAL OBS	3409	3052	3237	3303	3435	3322	3447	3392	3212	3411	3296	3324	39840
09-11	MEAN	45.4	48.5	53.9	61.8	68.2	72.8	73.9	73.9	70.8	64.0	54.1	48.2	61.4
	S D	11.253	9.839	9.801	7.886	5.212	3.056	1.741	2.251	5.199	7.789	9.947	9.960	12.899
	TOTAL OBS	3404	3053	3244	3308	3448	3361	3473	3424	3218	3413	3308	3335	39989
12-14	MEAN	48.9	51.6	56.6	63.9	69.6	73.5	74.2	74.0	71.5	65.4	56.6	51.5	63.3
	S D	10.746	9.378	9.098	7.339	5.022	2.999	1.886	2.241	4.792	7.054	9.338	9.413	11.711
	TOTAL OBS	3404	3049	3238	3304	3449	3356	3478	3427	3228	3411	3314	3341	39999
15-17	MEAN	49.7	52.2	57.3	64.2	69.7	73.5	73.9	73.7	71.2	65.3	56.7	51.9	63.4
	S D	10.483	9.177	8.791	7.186	4.885	3.127	1.930	2.333	4.653	6.741	9.038	9.097	11.330
	TOTAL OBS	3424	3046	3246	3303	3451	3355	3482	3423	3226	3415	3316	3342	40029
18-20	MEAN	47.1	49.9	55.1	62.4	68.3	72.5	73.2	72.7	69.9	63.2	54.0	49.0	61.5
	S D	10.515	9.275	9.039	7.479	5.046	3.249	2.099	2.528	5.125	7.292	9.435	9.203	12.018
	TOTAL OBS	3413	3042	3265	3290	3414	3274	3379	3335	3223	3421	3310	3335	39681
21-23	MEAN	44.7	47.7	52.9	60.5	66.8	71.5	72.4	72.1	68.8	61.6	52.1	46.8	59.9
	S D	10.938	9.879	9.069	8.035	5.360	3.347	2.117	2.741	5.779	8.180	10.151	9.741	12.750
	TOTAL OBS	3405	3048	3249	3292	3408	3275	3385	33[illegible]	3226	3428	3315	3328	39692
ALL HOURS	MEAN	45.4	48.2	53.4	61.1	67.4	72.0	73.0	72 [illegible]	69.5	62.4	53.0	47.7	60.6
	S D	11.509	10.297	10.206	8.451	5.759	3.599	2.286	2.8 [illegible]	5.767	8.400	10.488	10.314	12.932
	TOTAL OBS	27265	24394	25943	26405	27451	26479	27415	2697[illegible]	[illegible]772	27321	26462	26657	319943

USAF ETAC FORM JUL 84 0-89-5 (OL 1)

DATA PROC. BRANCH ETAC/AWS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12911 — STATION
RANDOLPH AFB TEXAS/SAN ANTONIO — STATION NAME
38-75 — YEARS

(HRS. (L.S.T.))		JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	38.7	41.9	46.7	56.0	63.7	69.0	69.7	69.4	66.0	57.5	47.1	41.2	55.7
	S D	14.321	13.258	13.572	11.358	7.067	4.208	2.901	3.032	7.516	10.959	13.588	12.921	15.506
	OTA. OBS	3401	3050	3243	3305	3421	3270	3386	3322	3220	3411	3305	3326	39660
03-05	MEAN	38.3	41.1	46.0	55.4	63.3	69.0	70.1	69.7	65.7	56.9	46.4	40.6	55.3
	S D	14.489	13.341	13.958	11.977	7.283	4.371	2.862	3.928	7.735	11.209	13.742	13.118	15.831
	TOTAL OBS	3405	3054	3241	3299	3425	3266	3386	3322	3220	3411	3301	3325	39655
06-08	MEAN	37.8	40.6	45.9	55.7	63.8	69.5	70.8	70.4	66.0	57.1	46.2	40.2	55.5
	S D	14.665	13.472	14.084	11.627	7.175	4.135	2.737	3.741	7.705	11.338	13.774	13.279	16.174
	TOTAL OBS	3409	3052	3237	3303	3435	3322	3446	3391	3213	3410	3296	3323	39837
09-11	MEAN	39.4	42.2	47.1	56.2	63.9	68.7	69.4	69.3	66.3	58.4	47.7	42.0	56.1
	S D	14.649	13.596	14.178	11.825	7.270	4.074	2.785	3.554	7.230	11.205	13.779	13.514	15.453
	TOTAL OBS	3404	3053	3245	3308	3447	3361	3472	3424	3218	3416	3308	3335	39991
12-14	MEAN	40.2	42.3	46.8	55.8	63.2	67.2	67.0	66.5	64.5	57.1	47.5	42.5	55.2
	S D	14.534	13.635	13.963	12.064	7.585	4.541	3.618	4.161	7.371	11.021	13.715	13.545	14.780
	TOTAL OBS	3403	3049	3238	3304	3449	3356	3478	3427	3228	3411	3313	3341	39997
15-17	MEAN	39.9	41.6	46.2	55.3	62.6	66.4	65.5	65.0	63.5	56.2	46.8	42.2	54.4
	S D	14.369	13.654	13.736	12.132	7.749	5.036	4.186	4.824	7.698	10.987	13.589	13.268	14.605
	TOTAL OBS	3424	3046	3246	3303	3451	3354	3484	3403	3226	3416	3316	3342	40031
18-20	MEAN	39.8	41.7	46.4	55.5	62.9	67.2	66.7	66.0	64.2	56.9	47.1	42.1	54.8
	S D	14.051	13.307	13.941	11.871	7.518	4.882	4.198	4.954	7.713	10.635	13.173	12.789	14.681
	TOTAL OBS	3413	3042	3245	3291	3414	3274	3379	3335	3224	3421	3310	3335	39683
21-23	MEAN	39.3	42.1	47.0	56.2	63.8	68.5	68.7	68.3	65.3	57.5	47.2	41.7	55.5
	S D	14.104	13.330	13.498	11.410	7.019	4.307	3.231	4.227	7.723	10.786	13.262	12.775	15.119
	TOTAL OBS	3404	3048	3230	3292	3408	3275	3385	3333	3226	3423	3314	3328	39691
ALL HOURS	MEAN	39.2	41.7	46.5	55.8	63.4	68.2	68.5	68.1	65.2	57.2	47.0	41.6	55.3
	S D	14.419	13.459	13.815	11.739	7.351	4.578	3.799	4.570	7.644	11.034	13.586	13.175	15.285
	TOTAL OBS	27263	24394	25949	26405	27450	26478	27416	26977	25775	27324	26463	26655	318545

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12911 (STATION) RANDOLPH AFB TEXAS/SA ANTONIO (STATION NAME) 70-75 (PERIOD) ALL (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	98.9	94.3	86.3	76.1	64.4	51.5	37.6	20.1	68.7	27263
FEB		100.0	97.8	91.8	83.5	72.8	61.4	49.9	37.0	19.1	67.2	24394
MAR		100.0	97.2	90.3	81.7	69.5	57.3	45.1	31.9	12.5	64.2	25942
APR		99.9	98.1	93.7	86.1	76.4	64.5	52.2	37.1	13.7	67.9	26404
MAY		100.0	99.7	97.9	93.2	83.1	69.8	55.7	38.3	11.5	70.6	27450
JUN		100.0	100.0	99.0	93.0	80.8	66.1	51.9	35.5	8.5	69.2	26478
JUL		100.0	99.9	97.3	86.6	72.5	58.7	44.4	27.9	5.5	64.9	27413
AUG		100.0	99.9	96.2	84.4	71.1	57.8	44.4	28.4	7.3	64.6	26978
SEP		100.0	99.3	97.2	89.5	77.5	63.8	50.2	34.8	11.6	68.2	25772
OCT		100.0	99.3	94.9	86.8	75.3	62.1	49.1	35.2	13.4	67.3	27320
NOV		100.0	99.0	94.2	85.5	74.5	61.7	48.5	33.8	14.4	66.9	26461
DEC		100.0	99.1	94.6	86.9	76.4	63.8	49.9	35.2	17.3	68.1	27301
TOTALS		100.0	99.1	95.1	86.9	75.5	62.6	49.4	34.4	12.9	67.3	319176

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/ AC

RELATIVE HUMIDITY

12911 RANDOLPH AFB TEXAS/SA ANTONIO | 59-75 | JAN

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.9	99.3	95.2	87.3	77.4	64.9	49.9	27.5	76.0	3401
	03-05	100.0	99.9	99.5	96.7	90.9	81.7	69.5	54.6	32.0	78.5	3405
	06-08	100.0	100.0	99.5	97.9	92.1	82.0	70.0	55.8	33.0	79.0	3409
	09-11	100.0	99.7	96.5	87.8	76.9	64.8	51.9	38.6	20.1	69.4	3404
	12-14	100.0	97.7	85.9	72.9	58.8	45.5	32.2	20.0	9.1	57.9	3403
	15-17	99.9	95.	81.2	65.9	52.5	39.3	25.4	15.4	7.3	53.8	3424
	18-20	100.0	99.3	93.4	81.8	69.1	55.2	41.3	26.4	12.3	63.5	3413
	21-23	100.0	99.7	98.7	91.9	81.1	69.5	56.7	40.4	19.7	71.5	3404
TOTALS		100.0	98.9	94.3	85.3	76.1	64.4	51.5	37.6	20.1	68.7	27203

DATA PROCESSING CODE
ETAC/LSAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-75 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	99.3	98.0	94.2	80.8	77.0	65.7	50.6	26.5	75.9	3050
	03-05	100.0	99.8	98.9	96.5	89.7	81.1	70.2	54.9	31.5	78.3	3054
	06-08	100.0	99.7	98.9	96.3	90.9	81.7	70.3	56.9	33.4	78.9	3052
	09-11	100.0	99.0	94.1	85.6	74.3	62.5	51.6	37.1	18.2	69.1	3053
	12-14	99.8	95.1	82.8	69.3	54.5	41.1	28.6	18.7	8.9	55.6	3049
	15-17	99.8	91.6	75.4	60.4	45.7	33.7	23.5	15.5	6.9	50.9	3046
	18-20	100.0	98.0	86.7	75.5	61.2	48.3	34.9	23.2	10.3	59.7	3042
	21-23	100.0	99.6	96.9	89.5	79.1	67.2	54.6	38.9	17.0	70.1	3048
TOTALS		100.0	97.8	91.8	83.0	72.8	61.6	49.9	37.0	19.1	67.2	24394

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSED BY
ETAC/USAF
AIR WEATHER SERVICE/ AC

RELATIVE HUMIDITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 39-45,47-75 (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	99.7	98.4	94.4	86.1	75.5	63.9	49.6	17.9	74.4	3242
	03-05	100.0	99.8	98.5	95.2	89.6	80.3	70.1	56.5	25.5	77.4	3241
	06-08	100.0	99.7	98.7	94.7	88.3	80.2	69.9	56.3	25.9	77.3	3237
	09-11	100.0	98.3	91.6	81.6	70.6	58.4	44.1	27.4	10.3	64.0	3244
	12-14	99.9	93.7	80.8	64.4	49.2	32.9	20.1	10.7	3.8	51.1	3238
	15-17	99.9	90.4	72.9	55.8	39.5	24.9	14.2	7.2	2.7	46.3	3246
	18-20	99.9	96.6	85.4	71.1	56.3	42.5	27.6	14.1	4.4	55.3	3245
	21-23	100.0	99.4	96.0	88.0	76.4	63.7	51.2	33.7	9.1	67.4	3249
TOTALS		100.0	97.2	90.3	80.7	69.5	57.3	45.1	31.9	12.5	64.2	25942

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING OF
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12911 — STATION
[illegible] DLP- AFB TEXAS/SA[illegible] ANTONIO — STATION NAME
66-45,47-75 — PERIOD
APR — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.9	99.2	96.8	91.9	84.8	76.3	60.8	20.5	78.8	3305
	03-05	100.0	99.9	99.3	97.4	94.2	87.9	80.6	67.4	29.3	81.6	3299
	06-08	100.0	99.8	99.2	97.3	93.5	86.2	77.2	63.5	28.2	80.3	3303
	09-11	100.0	98.7	95.0	87.0	76.7	64.1	47.3	26.9	9.1	66.0	3308
	12-14	99.8	95.7	86.7	72.8	56.4	37.2	22.0	10.6	3.8	54.0	3304
	15-17	99.6	93.8	81.6	65.2	47.9	30.5	16.0	9.2	3.1	50.4	3303
	18-20	100.0	97.3	90.9	79.4	65.9	49.4	33.9	17.7	4.5	59.5	3290
	21-23	100.0	99.5	97.7	92.7	84.9	75.9	61.9	41.5	10.6	72.1	3292
TOTALS		99.9	98.1	93.7	86.1	76.4	64.5	52.2	37.1	13.7	67.8	26404

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 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	99.9	99.7	98.7	96.2	89.0	70.8	18.6	83.2	3421
	03-05	100.0	100.0	100.0	99.9	99.4	98.1	94.3	82.9	32.6	86.8	3425
	06-08	100.0	100.0	99.9	99.7	98.6	96.0	89.8	71.0	22.7	83.7	3435
	09-11	100.0	99.9	98.9	95.7	88.7	69.6	42.5	17.7	4.0	67.1	3447
	12-14	100.0	99.2	95.3	85.4	61.6	32.6	15.7	6.4	1.7	55.3	3449
	15-17	100.0	98.7	92.6	76.8	48.4	26.9	13.1	5.9	1.8	52.0	3451
	18-20	100.0	99.6	96.8	89.6	73.9	51.6	30.9	13.5	2.6	61.3	3414
	21-23	100.0	100.0	99.9	98.5	95.3	87.1	70.5	41.8	7.6	75.6	3408
TOTALS		100.0	99.7	97.9	93.2	83.1	69.8	55.7	38.8	11.5	70.6	27450

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-75 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	99.5	98.3	93.7	72.3	14.3	83.5	3270
	03-05	100.0	100.0	100.0	100.0	99.8	99.3	97.5	88.3	27.0	87.4	3266
	06-08	100.0	100.0	100.0	100.0	99.7	98.5	93.7	69.2	15.0	83.6	3322
	09-11	100.0	100.0	99.9	98.9	92.1	65.5	29.1	8.0	1.3	64.9	3361
	12-14	100.0	99.9	98.6	85.3	50.5	20.5	7.1	3.6	1.3	52.3	3356
	15-17	100.0	99.8	94.8	71.2	38.6	17.4	8.2	4.3	1.4	49.1	3354
	18-20	100.0	100.0	98.4	89.2	69.0	42.5	20.5	8.4	2.5	58.5	3274
	21-23	100.0	100.0	99.9	99.6	96.9	86.6	65.0	29.9	5.1	73.9	3275
TOTALS		100.0	100.0	99.0	93.0	80.8	66.1	51.9	35.5	8.5	69.2	26478

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING PROGRAM
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.9	99.4	96.9	85.3	50.4	7.3	79.5	3386
	03-05	100.0	100.0	100.0	100.0	99.7	99.1	96.5	80.5	18.0	85.3	3385
	06-08	100.0	100.0	100.0	99.9	99.6	98.5	92.6	63.4	12.2	82.5	3447
	09-11	100.0	99.9	99.7	98.3	86.3	54.0	17.9	4.3	.8	61.5	3473
	12-14	100.0	99.9	96.5	71.9	30.2	11.4	4.2	2.1	.6	47.3	3478
	15-17	100.0	99.6	87.5	47.2	22.1	10.6	5.3	2.7	.9	43.2	3481
	18-20	100.0	99.9	94.9	76.8	49.8	25.7	11.7	5.4	1.1	52.1	3379
	21-23	100.0	100.0	99.9	98.8	93.2	73.3	42.0	14.5	3.3	68.0	3384
TOTALS		100.0	99.9	97.3	86.6	72.5	58.7	44.4	27.9	5.5	64.9	27413

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38-75 (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	99.9	99.6	98.6	93.3	80.0	49.5	9.9	78.8	3322
	03-05	100.0	100.0	100.0	99.9	99.5	98.0	92.7	74.5	22.1	84.6	3322
	06-08	100.0	100.0	100.0	99.9	99.4	97.4	90.6	65.3	18.1	83.0	3392
	09-11	100.0	100.0	99.6	96.9	81.5	52.3	20.9	6.5	1.9	61.5	3424
	12-14	100.0	99.9	94.2	65.5	30.1	11.7	5.7	2.6	.8	46.6	3427
	15-17	100.0	99.2	83.3	43.4	22.5	12.2	6.8	2.9	.7	42.6	3423
	18-20	100.0	99.7	93.1	72.7	48.7	28.7	15.0	6.2	1.3	52.1	3335
	21-23	100.0	100.0	99.7	97.4	88.6	68.7	43.3	19.5	3.9	67.7	3333
TOTALS		100.0	99.9	96.2	84.4	71.1	57.8	44.4	28.4	7.3	64.6	26978

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 38,40-74 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.8	99.3	97.5	91.6	81.6	61.6	17.8	80.7	3220
	03-05	100.0	100.0	99.9	99.7	98.7	95.4	88.2	74.2	29.9	84.6	3219
	06-08	100.0	100.0	99.9	99.6	97.8	93.8	85.6	68.3	25.8	83.1	3212
	09-11	100.0	100.0	98.8	94.1	83.1	61.2	34.8	14.1	3.4	64.5	3218
	12-14	100.0	99.6	93.7	77.0	47.6	23.1	10.6	5.3	1.6	51.3	3228
	15-17	99.9	98.9	89.3	63.2	38.3	21.0	12.4	6.7	2.3	48.7	3226
	18-20	100.0	99.9	96.9	85.5	65.7	45.7	28.6	13.9	4.0	59.6	3223
	21-23	100.0	100.0	99.6	97.6	91.5	78.5	59.7	33.9	8.2	72.6	3226
TOTALS		100.0	99.8	97.2	89.5	77.5	63.8	50.2	34.8	11.6	68.2	25772

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12911 STATION | RANDOLPH AFB TEXAS/SAN ANTONIO STATION NAME | 38-74 PERIOD | OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.6	98.0	93.3	86.6	75.2	59.1	19.5	78.9	3411
	03-05	100.0	100.0	99.8	98.9	95.3	90.0	81.5	68.7	32.1	82.6	3411
	06-08	100.0	100.0	99.8	98.4	94.6	88.4	79.5	66.4	30.7	81.8	3410
	09-11	100.0	99.5	96.1	88.4	76.4	59.3	39.7	20.9	5.6	64.1	3413
	12-14	100.0	98.1	87.4	69.5	47.5	25.3	12.6	6.0	2.2	50.5	3411
	15-17	100.0	97.2	82.3	61.8	38.8	22.5	12.7	6.8	2.4	48.0	3415
	18-20	100.0	99.6	95.3	84.1	67.8	47.9	30.7	16.0	4.9	60.2	3421
	21-23	100.0	100.0	99.0	95.0	88.6	76.6	60.4	37.8	9.8	72.3	3428
TOTALS		100.0	99.3	94.9	86.8	75.3	62.1	49.1	35.2	13.4	67.3	27320

DATA PROCESSING
ETAC/USAF
AIR WEATHER SERVICE / MAC

RELATIVE HUMIDITY

12911 STATION | [illegible] STATION NAME | 60-74 PERIOD | [illegible] 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%		
[illegible]	00-02	100.0	99.9	99.5	95.7	85.7	70.6	57.4	31.9	21.6	76.4	3303
	03-05	100.0	100.0	99.8	95.8	81.7	64.0	72.0	36.5	27.0	78.0	3300
	06-08	100.0	100.0	99.8	97.8	91.4	82.2	70.5	55.4	28.7	79.5	3296
	09-11	100.0	99.5	95.6	85.2	72.6	57.4	43.7	23.2	10.2	64.8	3308
	12-14	100.0	97.2	84.7	69.0	51.2	34.0	20.9	10.3	3.9	52.6	3313
	15-17	100.0	95.6	80.9	63.3	46.0	29.4	17.9	9.7	4.2	50.2	3316
	18-20	100.0	99.5	95.1	83.0	69.0	53.8	37.8	20.3	6.3	62.1	3310
	21-23	100.0	100.0	98.6	93.2	84.6	72.5	58.1	38.8	12.3	71.6	3315
TOTALS		100.0	99.0	94.2	85.5	74.5	61.7	48.5	33.6	14.4	66.9	26461

DATA PROCESSING
FETAC/USAF
AIR WEATHER SERVICE/ AC

1

RELATIVE HUMIDITY

12911 — STATION
[illegible] AFB TEXAS/SA[illegible] — STATION NAME
33-74 — PERIOD
DEC — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.9	99.2	96.4	89.7	80.1	65.7	45.1	23.6	76.0	3410
	03-05	100.0	100.0	99.6	97.4	92.8	83.6	69.1	52.3	28.7	79.3	3399
	06-08	100.0	100.0	99.4	97.6	93.4	84.2	70.5	52.4	29.0	78.6	3401
	09-11	100.0	99.7	95.9	87.9	74.8	61.7	48.7	34.1	17.0	67.8	3418
	12-14	100.0	97.7	86.5	71.2	54.8	40.3	27.2	17.0	7.2	55.7	3424
	15-17	100.0	96.5	83.7	65.3	50.1	34.4	22.8	14.1	6.2	52.9	3431
	18-20	100.0	99.4	95.6	86.1	70.9	54.7	39.0	24.2	10.5	63.7	3413
	21-23	100.0	99.9	98.5	94.2	84.6	71.1	56.1	39.0	15.7	71.7	3405
TOTALS		100.0	99.1	94.8	86.9	76.4	63.8	49.9	35.2	17.3	68.1	27301

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

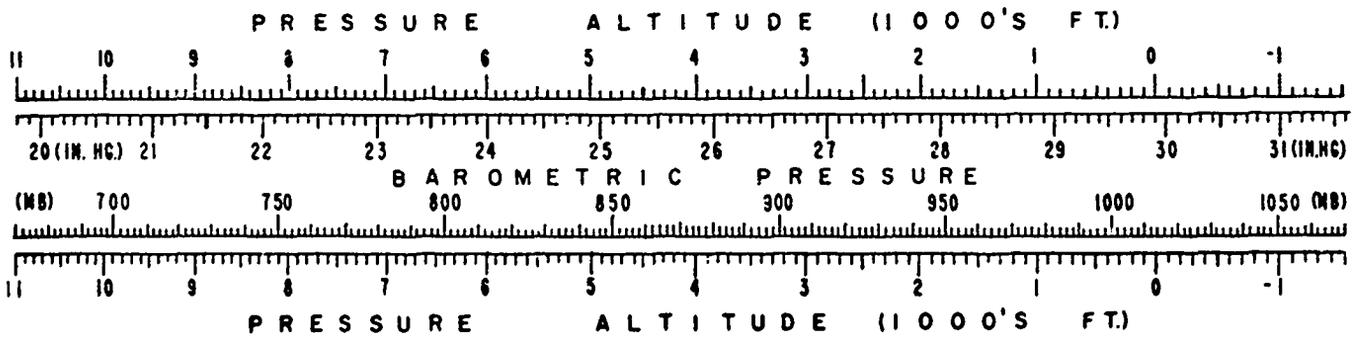
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



F

74-29967

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12911 (STATION) RANDOLPH AFB TEXAS/SAN ANTONIO (STATION NAME) 46-63,65-75 (YEARS)

HRS (L.S.T.)		JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29.302	29.259	29.185	29.144	29.129	29.128	29.185	29.172	29.163	29.223	29.268	29.291	29.205
	S D	.189	.186	.182	.165	.123	.088	.065	.067	.098	.126	.178	.185	157
	TOTAL OBS	859	761	801	799	829	792	816	829	836	864	834	832	9852
03	MEAN	29.292	29.246	29.170	29.127	29.112	29.116	29.180	29.168	29.154	29.213	29.257	29.280	29.193
	S.D	.189	.185	.182	.162	.123	.089	.065	.066	.099	.127	.178	.186	.157
	TOTAL OBS	860	762	798	798	832	791	819	834	7	866	831	832	9860
06	MEAN	29.294	29.251	29.183	29.143	29.131	29.133	29.195	29.181	29.[illegible]08	29.226	29.267	29.281	29.205
	S D	.189	.186	.184	.162	.123	.090	.066	.067	.098	.130	.180	.188	.156
	TOTAL OBS	863	762	797	799	826	789	817	833	835	859	829	834	9843
09	MEAN	29.338	29.294	29.225	29.182	29.163	29.164	29.223	29.209	29.201	29.266	29.312	29.325	29.242
	S.D.	.190	.189	.188	.165	.124	.092	.066	.067	.098	.132	.182	.190	.159
	TOTAL OBS	861	762	802	799	841	822	848	864	835	865	834	835	9968
12	MEAN	29.325	29.286	29.207	29.162	29.144	29.143	29.201	29.187	29.181	29.240	29.290	29.308	29.223
	S D	.192	.190	.187	.165	.123	.093	.066	.069	.099	.132	.183	.190	.160
	TOTAL OBS	858	760	794	800	842	822	849	864	835	864	833	837	9958
15	MEAN	29.253	29.210	29.131	29.097	29.087	29.089	29.142	29.123	29.115	29.174	29.222	29.240	29.157
	S D	.192	.188	.186	.165	.123	.094	.069	.070	.100	.132	.182	.189	.159
	TOTAL OBS	861	759	802	799	841	820	853	863	838	862	834	835	9967
18	MEAN	29.259	29.208	29.119	29.080	29.063	29.058	29.111	29.097	29.107	29.174	29.230	29.248	29.147
	S.D.	.192	.186	.185	.164	.121	.093	.070	.070	.101	.131	.180	.187	.163
	TOTAL OBS	863	755	802	792	829	792	818	832	834	863	829	833	9842
21	MEAN	29.294	29.247	29.164	29.127	29.107	29.097	29.150	29.142	29.152	29.214	29.269	29.282	29.188
	S.D.	.190	.185	.184	.163	.121	.091	.068	.069	.099	.129	.178	.186	.161
	TOTAL OBS	861	762	804	795	830	791	820	832	839	86[illegible]	834	836	9869
ALL HOURS	MEAN	29.294	29.250	29.173	29.133	29.117	29.116	29.174	29.160	29.155	29.216	29.264	29.282	29.195
	S D	.192	.189	.188	.166	.126	.097	.075	.076	.103	.133	.182	.189	.162
	TOTAL OBS	6886	6083	6400	6381	6670	6419	6640	6751	6689	6908	6658	6674	79159

0472 DATA PROCESSING 3 OMNI

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12911 — STATION
RANDOLPH AFB TEXAS/SAN ANTONIO — STATION NAME
38-75 — YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020.3	1018.3	1015.7	1014.1	1013.6	1013.4	1015.3	1014.7	1014.8	1017.1	1019.0	1019.7	1016.3
	S.D	6.888	6.670	6.505	5.855	4.322	3.187	2.329	2.431	3.417	4.416	6.413	6.617	5.705
	TOTAL OBS	1140	1018	1071	1100	1139	1089	1125	1108	1074	1143	1105	1109	13221
03	MEAN	1020.0	1017.9	1015.2	1013.5	1013.0	1012.9	1015.1	1014.5	1014.4	1016.7	1018.6	1019.3	1015.9
	S.D	6.901	6.617	6.498	5.788	4.349	3.210	2.330	2.486	3.430	4.466	6.400	6.576	5.719
	TOTAL OBS	1141	1017	1067	1097	1140	1089	1128	1109	1077	1140	1106	1111	13222
06	MEAN	1020.1	1018.2	1015.7	1014.1	1013.7	1013.5	1015.7	1015.1	1015.0	1017.3	1019.0	1019.5	1016.4
	S.D	6.904	6.659	6.566	5.807	4.336	3.241	2.355	2.516	3.436	4.566	6.464	6.711	5.683
	TOTAL OBS	1144	1017	1068	1100	1136	1088	1126	1112	1075	1137	1103	1113	13219
09	MEAN	1021.7	1019.7	1017.2	1015.4	1014.7	1014.6	1016.6	1016.1	1016.1	1018.6	1020.6	1021.0	1017.7
	S.D	6.945	6.805	6.678	5.930	4.380	3.297	2.333	2.600	3.462	4.650	6.495	6.803	5.813
	TOTAL OBS	1141	1018	1072	1102	1150	1119	1156	1143	1070	1142	1107	1114	13334
12	MEAN	1021.1	1019.2	1016.5	1014.7	1014.0	1013.9	1015.8	1015.2	1015.3	1017.6	1019.7	1020.3	1016.9
	S.D	6.977	6.837	6.629	5.900	4.350	3.307	2.354	2.599	3.442	4.627	6.562	6.789	5.821
	TOTAL OBS	1137	1015	1063	1102	1151	1119	1158	1142	1073	1142	1106	1116	13324
15	MEAN	1018.6	1016.6	1013.9	1012.4	1012.0	1011.9	1013.7	1013.0	1013.0	1015.4	1017.4	1017.9	1014.6
	S.D	6.985	6.762	6.589	5.897	4.343	3.339	2.542	2.592	3.482	4.630	6.532	6.725	5.759
	TOTAL OBS	1142	1015	1071	1101	1151	1117	1164	1142	1077	1140	1106	1115	13341
18	MEAN	1018.8	1016.7	1013.5	1011.9	1011.3	1011.0	1012.7	1012.1	1012.8	1015.4	1017.7	1018.3	1014.3
	S.D	7.001	6.715	6.529	5.873	4.272	3.304	2.554	2.587	3.516	4.642	6.494	6.674	5.945
	TOTAL OBS	1144	1012	1072	1093	1136	1090	1127	1110	1073	1141	1102	1113	13213
21	MEAN	1020.1	1018.0	1015.1	1013.6	1012.8	1012.4	1014.1	1013.8	1014.4	1016.8	1019.0	1019.5	1015.8
	S.D.	6.926	6.693	6.534	5.829	4.265	3.222	2.458	2.558	3.442	4.541	6.451	6.620	5.856
	TOTAL OBS	1139	1017	1073	1095	1135	1088	1128	1113	1078	1143	1106	1114	13229
ALL HOURS	MEAN	1020.1	1018.1	1015.4	1013.7	1013.1	1012.9	1014.9	1014.3	1014.5	1016.9	1018.9	1019.4	1016.0
	S D	7.005	6.792	6.606	5.957	4.453	3.438	2.685	2.819	3.606	4.679	6.544	6.765	5.881
	TOTAL OBS	9128	8129	8557	8790	9138	8799	9112	8979	8597	9128	8841	8905	106103

DATA PROCESSING FORMS 04472