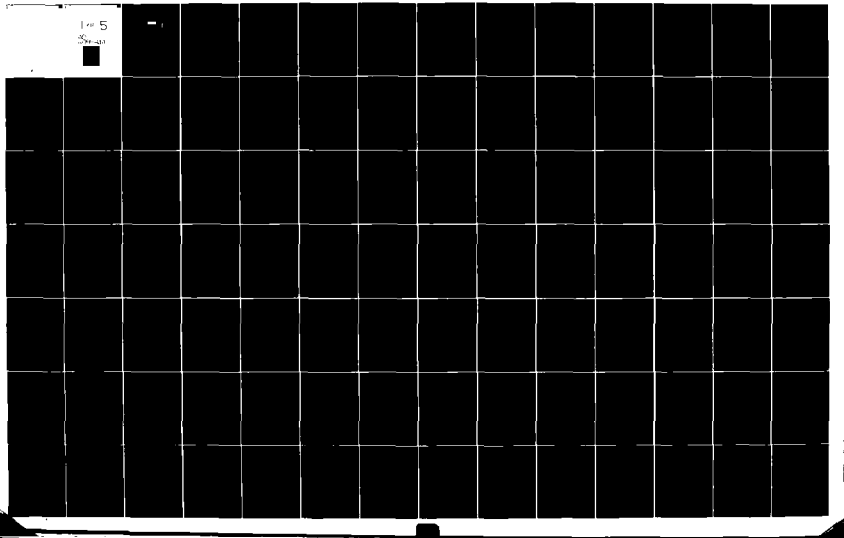
AD-A088 944 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KUNSAN AB, KUNSAN, KOREA. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
OCT 77
UNCLASSIFIED USAFETAC/DS-80/070 NL



PHOTOGRAPH THIS SHEET

AD A088944

DTIC ACCESSION NUMBER

II

LEVEL

[redacted]

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

Consult with Supervisor for
further instructions.

INVENTORY

USAFETAC DS-80/070

DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR	
NTIS	GRA&I
DTIC	TAB
UNANNOUNCED	
JUSTIFICATION	
BY	
DISTRIBUTION /	
AVAILABILITY CODES	
DIST	AVAIL AND/OR SPECIAL
A	

DISTRIBUTION STAMP

DTIC
ELECTE
SEP 1 1 1980
S D
D

DATE ACCESSIONED

80 9 3 026

DATE RECEIVED IN DTIC

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2

DTIC FORM OCT 79 70A

DOCUMENT PROCESSING SHEET

USAFETAC DS-80/070

5195

519

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

OCT 27 1977

FEDERAL BUILDING
ASHEVILLE, N. C.

AD A088944

859-4820 b

UNCLASSIFIED

REPORT DOCUMENTATION PAGE

USAFETAC/DS- 80/070

Revised Uniform Summary of Surface Weather Observations (RUSSWO)- **Kunsan AB, Kunsan, Korea**

Final rept

USAFETAC/OL-A
Air Force Environmental Technical Appl Center
Scott AFB IL 62225

USAFETAC/DOD
Air Weather Service (MAC)
Scott AFB IL 62225

27 Oct, 77

UNCLASSIFIED

Approved for public release; distribution unlimited

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometeric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

This report is a six-part statisitical summary of surface weather observations for **Kunsan AB, Kunsan, Korea**
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) Psybrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1473

UNCLASSIFIED

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

* Korea * Kunsan AB, Korea

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 occurance or cumulative percentage frequency of occuring 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.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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
43219	KUNSAN AB KOREA	N 35 54	E 126 37	49	RKJK	47141

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	Kunsan AB Korea	AB	Apr 51	Mar 58	N 35 55	E 126 37	43 Ft	33 Ft	24
2	Same	Same	Apr 58	Mar 60	N 35 54	Same	Same	N/A	24
3	Same	Same	Apr 60	Mar 61	Same	Same	Same	45 Ft	24
4	Same	Same	Apr 61	Sep 63	N 35 55	Same	Same	Same	24
5	Same	Same	Oct 63	Oct 66	N 35 53	E 126 36	Same	28 Ft	24
6	Same	Same	Nov 66	Mar 67	N 35 54	E 126 37	Same	Same	24
7	Same	Same	Apr 67	May 77	Same	Same	49 Ft	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 51	Located on a raised platform behind base operations.	GMQ-1A	ML-204B	24 ft	
2	Mar 54	Located on top of operations bldg.	GMQ-1	Same	22 Ft	
3	Apr 55	Located on roof of weather station	Same	Same	15 Ft	
4	Apr 56	Located on an elevated platform	Same	N/A	Same	
5	Apr 57	Located on top of bldg 900	Same	Same	20 Ft	
6	Apr 58	Same	Same	ML204-B	Same	
7	Mar 59	Located 20 ft NE of ROS	Same	N/A	15 Ft	
8	Apr 60	Located 20 ft NE of ROS	GMQ-1A	ML204-13	15 Ft	
9	Apr 61	Located on top of ROS	GMQ-1	Same	25 Ft	

NUMBER OF LOCATION	DATE OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
10	Apr 62	1. Located on top of ROS	Same	Same	Same	
		2. Located on top of tower	Same	Same	83 Ft	
11	Apr 63	Located on top of ROS	Same	Same	25 Ft	
12	Oct 63	Located 500 ft E of rnwy 35-17, centered 750 ft N taxiway #2	GMQ-11	RO-2	13 Ft	
13	Oct 66	Located 700 ft from approach end of rnwy 35, 400 ft E of rnwy 35-17	Same	Same	Same	
14	Apr 67	Located 750 ft N from approach end of rnwy 35 and 500 ft E of rnwy	Same	Same	10 Ft	
15	Apr 69	Located 750 ft N from approach end of rnwy 35 and 480 ft E of rnwy	Same	Same	13 Ft	
16	Jul 70	1. Located 750 ft from approach end of rnwy 35 and 500 ft E of rnwy	Same	Same	Same	
		2. Located 1400 ft S from approach end of rnwy 17 and 500 ft E of rnwy	Same	Same	Same	
17	Jan 71	1. Same	GMQ-20	RO-362	Same	
		2. Same	Same			
18	May 77	1. Same	Same	Same	Same	
		2. Same	Same			

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A WEATHER CONDITIONS

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

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

2. By month, all years combined, by standard 3-hour groups.

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

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

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

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

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 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.

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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.
	00-02		4.1		11.0		19.7	7.	1.4	.	.	.	1
	03-05		4.		6.7		15.7	8.1	1.3	.	.5	10.7	1
	06-08	.1	3.		11.		17.4	11.	2.0		4.7	1.	3
	09-11		3.		11.		14.	10.	1.2		7.7	2.	4
	12-14		3.		.		13.1	3.	4.1	.	3.7	1.	6
	15-17		4.		1.4		14.4	1.	3.0	.	3.9	1.	4
	18-20		4.		11.4		14.7	2.	2.4	.	.0	11.	7
	21-23		4.4		11.6		15.1	4.6	1.1	.	3.2	11.	7
TOTALS		.0	3.0		11.		15.9	6.1	2.7	.	.1	15.	.28

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
TOTALS													

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

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
A	00-02		5.2		2.2		7.4	8.	1.3		2.0	10.2	47
	03-05		5.3		1.3		7.7	11.7	1.1		4.1	15.2	92
	06-08		6.6		2.2		8.8	17.6	2.2		5.2	25.3	62
	9-11		5.[illegible]		1.[illegible]		7.5	8.[illegible]	3.0		7.5	[illegible].1	55
	12-14		[illegible].4		1.1		7.5	2.7	2.3		3.5	[illegible].5	56
	15-17		[illegible]		[illegible].3		8.5	3.1	1.9		2.2	7.2	52
	18-20		5.3		1.[illegible]		7.0	4.[illegible]	2.2		3.3	10.4	52
	21-23		4.7		2.4		8.9	6.[illegible]	1.5		4.3	11.2	372
TOTALS			5.9		1.8		7.7	7.9	2.1		3.9	13.2	[illegible].95

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

DATA PROCESSED BY
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4321 | [illegible] | 7-77 |
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS BY HOURS OF 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		11.4		.2		11.6	11.1	2.5		3.2	14.2	2[illegible]
	03-05		11.9				11.9	16.4	3.2		3.3	22.2	33
	06-08		17.5				18.5	19.[illegible]	4.6		2.7	27.[illegible]	[illegible]1[illegible]
	09-11		10.[illegible]				10.0	7.4	5.1		4.9	15.[illegible]	[illegible]1[illegible]
	12-14	.1	10.5		.1		10.6	4.7	1.3		4.4	10.5	227
	15-17		10.7		.1		10.8	3.5	1.2		3.9	8.5	219
	18-20		9.3		.1		9.4	5.	1.3		3.6	11.3	24
	21-23	.1	11.[illegible]				11.0	7.9	1.8		2.9	12.5	222
TOTALS		.0	10.7		.1		10.7	9.5	2.7		3.7	15.6	7375

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
		.2						11.	.7		.2	12.	
			7.9				7.2	15.	.4		1.6	10.7	
		.2	.7				3.7	16.	1.2		1.6	20.	42
		.2	2.5				2.5	8.2	2.2		4.1	14.2	47
			.2				2.8	5.	2.2		4.5	11.1	351
		.1	7.9				7.9	4.2	.8		2.6	7.8	474
			.4				3.4	6.2	.7		2.1	3.8	263
			7.7				7.7	7.1	.8		1.8	3.3	364
TOTALS		.1	2.5				2.5	9.3	1.3		2.3	12.7	1052

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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.
		.5	3.3				4.4	12.	4.		3.	10.	57
		.1	10.2				1.2	20.	2.3		2.2	3.	6
		.5	10.2				1.2	18.	4.3		4.2	2.2	44
		.4	.4				2.6	8.	.1		1.2	1.2	3
			.4				.4	3.	.7		.2	1.2	5
			7.7				7.7	4.	3.		2.	3.	5
		.2	.4				5.4	5.1	2.		2.6	3.1	61
		.2	.4				.3	9.	2.4		1.6	13.	5
TOTALS		.2	3.9				2.9	10.1	2.9		2.9	15.7	5.24

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH

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
	00-03	.1	14.5				14.6	10.1	.6		2.4	16.7	488
	03-06	.7	13.9				13.9	17.1	.6		1.5	21.3	487
	06-09	1.2	12.2				13.2	19.7	.2		1.1	23.3	477
	09-11	.1	14.3				14.3	7.1	2.5		2.0	13.0	677
	12-15	.2	11.3				11.3	2.3	1.8		3.1	6.3	662
	15-18	.1	11.3				11.0	2.3	2.3		1.8	6.4	781
	18-21		11.1				11.1	4.3	2.5		1.7	9.3	791
	21-24	.2	12.1				12.0	6.1	2.9		1.9	13.2	919
TOTALS		.5	13.0				13.0	8.7	2.7		2.1	13.2	7340

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH

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
	00-02	.7	9.1				9.1	3.4	1.7		1.3	7.4	94
	03-05	.3	2.4				9.4	9.4	2.1		1.7	13.2	91
	06-08	.2	.1				8.1	16.1	4.1		1.2	22.1	93
	09-11	.1	6.8				6.9	3.4	3.4		1.6	11.5	87
	12-14	.6	7.9				7.9	.1	1.3		1.2	9.4	87
	15-17	.2	7.0				7.3	.1	2.2		1.2	9.4	85
	18-20	.2	7.3				7.3	.2	2.4		1.2	9.5	88
	21-23	.3	8.3				8.5	1.5	2.5		2.1	6.2	86
TOTALS		.5	3.1				8.1	4.5	3.4		2.1	10.2	7114

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

2

WEATHER CONDITIONS

4332 STATION | K[illegible] STATION NAME | 7-7 YEARS | MONTH

[illegible] TAC FREQUENCY [illegible] OF WEATHER CONDITIONS [illegible] 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.
[illegible]	00-02	.1	7.5				7.5	6.3	2.4		.3	9.1	8[illegible]
	03-05	.5	9.2				9.2	12.1	2.4		.6	14.3	17[illegible]
	06-08	.2	8.7				8.7	19.[illegible]	2.2		.6	22.[illegible]	16[illegible]
	09-11	.3	6.4				6.4	5.7	1.[illegible]		2.1	8.6	171
	12-14	.5	7.2				8.2	.9	1.3		.9	2.[illegible]	16[illegible]
	15-17	.2	7.7				7.7	1.1	.2		.2	1.5	5[illegible]
	18-20	.2	7.1				8.1	1.5	.8			1.[illegible]	17[illegible]
	21-23	.2	6.[illegible]				6.8	2.5	1.7			4.3	7[illegible]
TOTALS		.3	7.8				7.8	6.2	1.5		.6	8.3	[illegible]56

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4321 STATION | K [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS BY 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
[illegible]	00-02	.2	5.2				5.2	7.[illegible]	1.2		.7	[illegible]	[illegible]
	03-0[illegible]	.2	[illegible].2				[illegible].2	9.[illegible]	.[illegible]		.4	11.1	[illegible]
	06-0[illegible]		7.[illegible]				7.9	16.[illegible]	[illegible].6		.3	18.[illegible]	[illegible]
	09-11	.3	7.[illegible]				7.[illegible]	5.[illegible]	[illegible].[illegible]		[illegible].1	[illegible].7	[illegible]
	12-14		[illegible].[illegible]				[illegible].6	.7	.[illegible]		1.7	[illegible].1	[illegible]
	15-17	.1	[illegible].1		.1		[illegible].2	.[illegible]	.2		.1	.7	[illegible]
	18-2[illegible]	.1	4.3				4.3	.[illegible]	1.[illegible]		.4	[illegible].[illegible]	[illegible]
	21-2[illegible]	.1	3.1				3.1	2.[illegible]	.7			[illegible].5	[illegible]
TOTALS		.1	5.9		.[illegible]		5.9	5.[illegible]	1.3		.7	7.4	[illegible]

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS BY HOURS OF 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.
1	00-02		7.1		[illegible]		11.4	13.	.5		.8	[illegible]	[illegible]
	03-05		[illegible]		[illegible]		11.2	14.	.1		.3	14.3	[illegible]
	06-08		7.7		[illegible]		12.0	17.	1.5		.4	19.6	5[illegible]
	09-11	.1	7.3		[illegible]		11.[illegible]	11.[illegible]	2.5		3.3	17.1	4[illegible]
	12-14	.2	5.5		[illegible]		[illegible].4	3.[illegible]	.9		[illegible].5	9.1	5[illegible]
	15-17		7.3		[illegible]		10.3	2.[illegible]	.4		3.0	[illegible].2	3[illegible]
	18-20	.2	3.2		[illegible]		10.[illegible]	4.	1.4		[illegible].1	[illegible].9	[illegible]5[illegible]
	21-23	.1	6.3		[illegible]		9.7	7.2	2.2		2.4	11.3	[illegible]69
TOTALS		.1	7.1		[illegible].9		10.7	9.3	1.2		2.2	12.7	6[illegible]6[illegible]

2

WEATHER CONDITIONS

4324 _____ _____ _____ _____
STATION STATION NAME YEARS MONTH

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.
	00-02		3.2		1.3		1.7	10.4			3.2	1.7	06
	03-05		5.9		14.9		20.7	12.4	1.9	.1	2.5	1.4	9
	06-08		4.4		1.9		15.9	14.5			1.3		8
	09-11		3.9		14.3		17.6	11.2		.1	5.1	24.4	277
	12-14		2.3		11.2		14.5	4.3	1.7		4.9	15.2	280
	15-17		3.2		12.4		15.2	1.7	3.9		2.4	7.2	281
	18-20		3.2		12.1		14.5	3.2	3.2		3.2	3.4	278
	21-23		2.7		11.7		13.6	5.5	2.8	.1	3.1	11.2	99
TOTALS			3.8		11.2		16.6	8.2	4.2	.2	3.3	15.3	7107

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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.
A	ALL	.1	7.3		12.3		18.9	6.1	1.7	.1	.1	1.1	620
			.9		.3		10.2	7.	2.	.1	3.3	4.1	583
			5.3		1.		7.7	7.	2.1		1.3	1.3	93
		.1	12.7		.1		12.7	9.3	2.7		.7	1.1	744
		.1	3.5				.5	9.	1.3		.3	12.7	735
		.2	3.3				3.9	10.1	2.3		.6	15.7	424
		.5	13.3				13.3	8.7	2.7		2.1	13.2	744
		.5	3.1				3.1	4.	1.3		2.1	1.3	744
		.3	7.1				7.8	6.	1.		.5	.2	650
		.1	3.3		.0		5.3	5.	1.3		.7	7.1	1488
		.1	7.1		.3		10.7	9.3	1.2		2.2	12.7	1464
			3.		.2		12.3	8.	4.	.1	3.3	13.3	1107
TOTALS		.2	7.5		.3		10.7	7.7	2.1	.1	2.9	12.1	10470

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

S74-29980

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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
TOTALS								41.					

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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

4

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	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	PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
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			MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN																		
FEB																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

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

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1								1.7	1.71	.2	.2	.27	
2	.33	.2	1.12	1.12	1.22	.22	.71	3.02	1.42	.71	.15	.27	3.21
3	.27	.3	1.54	.7	.39	.1	2.01	1.2	1.37	.3	.28	.3	5.11
4	.32	1.02	.54	1.17	1.42	.22	2.20	3.02	1.52	1.01	.20	.7	5.22
5	.3	.3	.3	.7	.2	.01	.73	2.01	1.2	.3	1.20	.3	2.7
6	.72	.1	1.51	2.27	1.84	.22	2.17	2.27	3.02	.31	.46	.2	5.2
7	.3	.7	.39	1.15	1.64	.37	2.74	1.11	.34	1.37	1.76	1.2	2.74
8	1.81	.1	.74	3.24	.61	1.17	3.03	2.27	3.05	.71	.45	.2	3.2
9	.53	1.3	1.30	2.49	1.37	.3	2.43	3.07	3.45	.37	.60	.7	3.0
10	.3	.3	.89	1.32	1.90	.07	2.8	.22	1.02	.21	.51	.22	3.27
11	.57	.7	1.79	1.07	1.94	.79	2.71	2.05	1.0	.17	.79	.7	2.77
12	.3	.3	1.25	.72	.64	.7	2.21	1.72	.71	.7	.33	.3	2.72
13	.73	.1	1.41	.3	.71	.71	3.31	2.03	.03	.3	.24	.15	3.73
14	.41	.71	1.23	2.33	3.24	.33	2.99	.27	.22	.7	.27	.23	3.22
15	.79	.3	.22	1.36	.32	.07	2.97	2.07	.47	.31	.91	.3	2.97
16	.12	.3	1.55	1.21	.25	.12	3.11	2.22	1.21	1.07	.42	.7	3.11
17	.37	.1	.99	.72	.97	.4	1.77	5.03	.71	.03	.95	.7	5.03
18	.7	.1	1.00	.32	.01	1.17	1.06	1.72	1.48	2.37	.47	.23	2.27
19	1.51	.37	.27	2.22	2.21	1.1	1.79	3.04	.39	.04	.61	.41	3.04
20	.32	1.92	.27	1.02	1.52	.07	1.68	3.04	3.42	1.25	.28	.17	3.43
21	1.73	.37	2.02	1.35	2.34	1.37	3.17	3.19	3.78	1.11	.50	.42	3.78
22	.33	.37	2.21	2.22	1.62	1.11	3.45	3.71	1.30	.7	1.47	.30	3.71
23	1.32	.37	.21	1.35	2.50	.42	2.05	3.57	1.52	.74	.31	.32	3.57
24	.82	.32	1.30	1.31	2.21	1.3	1.36	2.67	1.10	.3	1.07	.26	2.7
25	.17	.2	1.20	3.00	1.09	.32	3.06	1.33	1.33	1.44	.98	.22	4.33
26	.63	1.24	.43	2.02	.27	.13	.28	2.41	2.04	1.11	.45	.01	2.24
27	.25	.55	.47	2.05	.27								
28													
29													
30													
31													
MEAN	.893	.804	.803	1.346	1.528	1.262	2.743	3.041	2.356	1.058	.746	.533	4.936
S.D	.473	.63	.50	.903	.781	1.032	1.132	1.678	1.912	.803	.411	.284	1.262
TOTAL OBS	806	744	806	779	806	74	773	775	780	806	780	806	9421

WHITE + (BASED ON LESS THAN ALL MONTHS)

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION · STATION NAME · YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]								4.51	[illegible]	1.[illegible]	[illegible]	1.[illegible]	
[illegible]	.[illegible]	.7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]71	12.[illegible]	[illegible]	1.[illegible]	1.76	1.[illegible]	[illegible]
[illegible]	.[illegible]	.[illegible]	[illegible]	1.79	[illegible].31	.[illegible]	12.[illegible]	7.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	44.
[illegible]	.3[illegible]	3.2[illegible]	[illegible]2	2.73	[illegible]	[illegible]	23.24	[illegible]	4.33	[illegible]	.[illegible]5	[illegible]	25.[illegible]
[illegible]	1.2[illegible]	.[illegible]	1.[illegible]4	2.05	.6[illegible]	[illegible]	7.14	4.7[illegible]	[illegible]	1.[illegible]	[illegible]75	.[illegible]7	[illegible]
[illegible]	[illegible]42	.[illegible]	[illegible]3	7.19	5.82	[illegible]	5.[illegible]	[illegible]	1.[illegible]4	.[illegible]	.[illegible]5	.7[illegible]	[illegible]
7	1.8[illegible]	1.3[illegible]	.20	5.77	4.08	1.7[illegible]	14.22	4.2[illegible]	.[illegible]4	[illegible]	2.01	[illegible]27	41.[illegible]
[illegible]	[illegible]72	.[illegible]	.87	7.[illegible]	1.14	[illegible]	12.76	12.[illegible]	1.[illegible]	[illegible]	1.[illegible]4	1.[illegible]	[illegible]
[illegible]	2.48	[illegible]27	3.27	6.60	2.80	1.7[illegible]	9.33	14.67	7.19	.[illegible]	1.27	2.[illegible]	[illegible]
[illegible]	1.44	[illegible]	1.40	2.[illegible]	[illegible].11	2.74	[illegible]	2.[illegible]	4.62	1.[illegible]7	1.92	2.[illegible]	[illegible]
1	1.23	1.[illegible]	5.36	4.60	5.97	.5[illegible]	7.[illegible]	4.7[illegible]	4.17	4.4[illegible]	2.40	2.[illegible]	[illegible]
[illegible]	1.[illegible]	.[illegible]	1.34	2.89	.85	.[illegible]	6.56	6.2[illegible]	[illegible]33	1.4[illegible]	1.[illegible]	1.[illegible]	[illegible]
[illegible]	[illegible]	.42	1.56	3.99	5.63	1.[illegible]	15.92	3.6[illegible]	1.3[illegible]	.6	1.55	.77	[illegible]
[illegible]	.[illegible]	2.[illegible]	1.26	8.96	5.07	1.94	10.12	1.[illegible]	14.1[illegible]	1.6[illegible]	[illegible]71	.7[illegible]	[illegible]
[illegible]	1.07	1.5[illegible]	.57	2.06	1.05*	.4	14.72	6.41	.47	1.6[illegible]	3.01	1.[illegible]	[illegible]8.[illegible]
[illegible]	.3[illegible]	1.5[illegible]	5.39	2.01	3.49	[illegible]	9.39	9.2[illegible]	1.90	[illegible]	1.72	1.[illegible]	[illegible]7.3[illegible]
7	1.72	1.07	2.03*	1.89*	1.42	7.2[illegible]	5.26	7.68	1.07	.74	3.38	3.[illegible]	[illegible]8.7
[illegible]	1.0[illegible]	1.1[illegible]	2.[illegible]7	1.77	1.54	1.[illegible]	3.73	6.[illegible]7	[illegible]08	[illegible]	[illegible]57	2.[illegible]	[illegible]
[illegible]	[illegible]7	2.2[illegible]	.65	9.04	[illegible].14	[illegible]	7.01	11.32	12.44	.[illegible]	2.44	1.71	[illegible]
7[illegible]	.[illegible]8	[illegible]	.29	3.61	[illegible].77	.[illegible]	6.93	10.[illegible]3	1.[illegible]12	4.5[illegible]	1.29	.[illegible]	22.77
73	[illegible]38	2.2[illegible]	2.08	2.06	4.05	.5[illegible]	7.28	8.[illegible]	7.4[illegible]	1.4	1.91	1.[illegible]	[illegible]4.74
72	3.15	1.[illegible]	[illegible]23	3.27	5.56	.[illegible]	9.63	9.[illegible]	3.16	1.[illegible]	[illegible]63	1.[illegible]	[illegible]60.7[illegible]
7[illegible]	3.15	1.26	.28	4.74	5.51	.7[illegible]	5.77	10.[illegible]	4.96	2.6[illegible]	1.61	3.16	[illegible]7.[illegible]
7[illegible]	1.[illegible]	1.7[illegible]	[illegible]16	9.[illegible]	[illegible].48	.[illegible]	21.96	11.66	1.91	5.07	1.65	1.[illegible]	70.[illegible]
7[illegible]	.87	.6[illegible]	5.69	7.36	5.05	.3[illegible]	16.96	2.47	[illegible]67	2.44	1.77	3.[illegible]	[illegible]
7[illegible]	2.13	4.9[illegible]	.99	[illegible].4[illegible]	2.23	.[illegible]	2.90*	[illegible]2[illegible]	2.48	2.41	[illegible]16	[illegible]7	[illegible]40.[illegible]
77	.6[illegible]	.6[illegible]	1.96	7.26	2.94								
MEAN	1.918	1.507	2.[illegible]28	4.770	3.[illegible]75	[illegible]	[illegible]49	7.353	5.543	2.217	2.280	1.[illegible]71	[illegible].77[illegible]
S. D.	1.416	1.[illegible]7	[illegible]08	2.464	2.196	2.91[illegible]	5.303	3.680	3.[illegible]0	1.347	1.677	.941	10.017
TOTAL OBS.	806	735	[illegible]06	779	[illegible]05	74[illegible]	773	796	780	[illegible]	780	806	9421

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

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

EXTREME VALUES

FROM DAILY OBSERVATIONS

432 STATION STATION NAME YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
01											1.0	9.7	
02	1.2	2.4	TRACE	.00	.0	.0	.0	.0	.0	.0	.0	1.0	.0*
03	4.9	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.0*
04	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0*
05	5.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	.0*
06	7.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	1.9	2.5	.0*
07	3.1	.4	.9	.0	.0	.0	.0	.0	.0	.0	.0	7.2	.0*
08	9.3	1.1	.4	.0	.0	.0	.0	.0	.0	TRACE	.0	.1	.0*
09	3.7	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0*
10	3.2	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	2.4	14.2	1.2
11	5.6	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	.0*
12	5.0	.3	.1	.2	.0	.0	.0	.0	.0	.0	3.3	5.3	.0*
13	7.3	1.0	.1	.0	.0	.0	.0	.0	.0	.0	4.6	1.3	.0*
14	1.5	1.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	.0*
15	7.9	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	4.6	
16	1.3	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	5.4	10.2	1.0
17	6.3	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.4	13.2	1.0
18	7.7	2.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	8.4	.0*
19	5.1	2.4	.0	TRACE	.0	.0	.0	.0	.0	.0	2.4	6.9	.0*
20	5.5	1.4	.2	.0	.0	.0	.0	.0	.0	.0	2.2	2.7	.0*
21	5.2	2.1	.7	.0	.0	.0	.0	.0	.0	.0	3.6	5.1	.0*
22	1.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	6.6	4.2	.0*
23	3.2	TRACE	1.9	.0	.0	.0	.0	.0	.0	.0	TRACE	9.9	.0*
24	.7	4.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	.0*
25	1.7	1.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1	.0*
26	3.3	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	3.4	10.9	1.0
27	4.1	.0	TRACE	.0	.0								
MEAN	4.37	1.00	.50	.01	.00	.00	.00	.00	.00	TRACE	1.50	5.15	0.42
S.D	2.613	1.287	.97	.043	.000	.000	.000	.000	.000	.000	1.952	3.972	3.117
TOTAL OBS.	800	745	775	780	806	749	774	796	780	805	780	806	9372

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

4

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION _____ STATION NAME _____ YEARS

TOTAL DAILY PRECIPITATION

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1											1.5	5.7	
2	1.7	3.1	TRACE	.1	.2	.0	.0	.0	.1	.0	.2	5.7	1.1
3	7.4	.3	TRACE	.1	.1	.0	.0	.0	.1	.0	TRACE	TRACE	.4
4	1.2	.1	TRACE	.1	.1	.0	.0	.0	.2	.0	.6	12.2	1.9
5	12.5	.3	TRACE	.1	.1	.0	.0	.0	.1	.0	TRACE	.1	1.5
6	25.3	.1	.3	.1	.2	.0	.0	.0	.2	.0	3.9	3.6	4.6.6
7	3.3	12.1	1.8	.1	.1	.0	.0	.0	.1	.0	.1	14.5	34.3
8	5.2	2.5	1.1	.1	.2	.0	.0	.0	.1	TRACE	.2	.2	2.2.1
9	13.7	.1	TRACE	.1	.1	.0	.0	.0	.1	.0	.1	.1	2.1
10	15.4	.1	TRACE	.1	.2	.0	.0	.0	.1	.0	2.4	12.7	3.1.1
11	7.7	1.4	TRACE	.1	.1	.1	.0	.1	.1	.0	TRACE	3.1	1.1.7
12	5.1	.2	.1	.2	.2	.0	.0	.0	.1	.0	3.3	7.1	2.1.1
13	41.2	.1	.1	.1	.1	.0	.0	.0	.1	.0	4.4	3.5	6.1.7
14	2.5	.1	.8	.1	.1	.0	.0	.2	.1	.0	TRACE	.2	.1
15	13.1	.1		TRACE	.1	.0	.0	.1	.1	.0	1.1	17.5	
16	3.1	.1	TRACE	.1	.1	.0	.0	.2	.1	.0	13.5	13.2	33.7
17	16.1	1.2	TRACE	.1	.1	.0	.0	.1	.1	.0	.4	32.2	57.1
18	13.1	12.1	.1	.1	.2	.0	.0	.1	.1	.2	TRACE	13.1	4.1.1
19	41.1	.1	.1	TRACE	.1	.1	.0	.1	.1	.1	5.4	20.1	6.1.1
20	7.1	1.7	.2	.1	.1	.1	.0	.2	.1	.0	3.9	3.2	* 1.1.7
21	12.2	7.1	1.3	.1	.1	.1	.0	.1	.1	.1	4.7	10.1	3.1.1
22	1.1	2.1	.1	TRACE	.1	.1	.0	.1	.1	.1	21.4	11.6	* 4.1.1
23	6.1	TRACE	.9	.1	.1	.1	.0	.1	.1	.1	TRACE	47.1	5.1.1
24	1.2	12.1	TRACE	.1	.1	.1	.0	.1	.1	.2	TRACE	1.3	1.1.1
25	6.1	3.1	.1	.1	.1	.1	.0	.1	.1	.1	TRACE	22.1	3.1.1
26	22.1	.1	TRACE	.1	.1	.1	.0	.1	.1	.1	6.4	21.1	* 5.1.1
27	16.1	3.1	TRACE	.1	.1								
MEAN	12.13	3.14	.67	.11	.10	.00	.00	.00	.00	TRACE	2.18	12.18	31.71
S.D.	11.165	4.11	1.74	.13	.10	.00	.00	.00	.00	.00	4.173	11.187	17.183
TOTAL OBS.	806	745	775	780	806	749	774	746	780	805	780	806	9.1.1

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

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

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION _____ STATION NAME _____ YEARS _____

DAILY [illegible] OF [illegible] INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51							0				1		
52	2	TRACE	0				0						
53	3	1	0				0						
54	1	2	0				0						
55	TRACE		0										
56	TRACE	TRACE					0				TRACE	TRACE	
57	TRACE	TRACE					0						
58	12	TRACE					0						
59	11		0				0					TRACE	
60	2	TRACE	0				0				2		
61	2		0				0				0	1	
62	7	TRACE	0	TRACE			0				TRACE	5	
63	2	1	0				0				TRACE		
64	1	2	0				0				2		
65	*		0				0						
66	1	1	0				0				5	11	
67	7		0				0					1	
68	11	2	0				0				2		
69			0				0				1	7	
70	4	1	TRACE				0				1	1	
71	*	*	0				0				*		*
72	*	*	0				0				5		
73	4	TRACE	1				0						
74	TRACE	1	TRACE				0				2	1	
75	3	1	0				0					4	
76	7	TRACE	TRACE				0				2	11	
77	7		TRACE										
MEAN				TRACE									
S D													
TOTAL OBS													

* = (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 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.

Values for mean and standard deviation do not include measurements from inoperative units.

4

EXTREME VALUES

FROM DAILY OBSERVATIONS

432 STATION [illegible] AFB STATION NAME [illegible] YEARS

DAILY [illegible] EXTREMES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]													
[illegible]													
4	[illegible]	[illegible]	[illegible]	45[illegible]	33[illegible]	24[illegible]	31[illegible]	36[illegible]	34[illegible]	24[illegible]	3[illegible]	35[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	37[illegible]	34[illegible]	30[illegible]	22[illegible]	42[illegible]	36[illegible]	33[illegible]	4[illegible]	28[illegible]	42
6	[illegible]	34[illegible]	[illegible]	42[illegible]	33[illegible]	32[illegible]	31[illegible]	34[illegible]	40[illegible]	33[illegible]	4[illegible]	41[illegible]	3[illegible]
7	[illegible]	*32[illegible]	41[illegible]	33[illegible]	*33[illegible]	25[illegible]	[illegible]	*30[illegible]	*3[illegible]	[illegible]	31[illegible]	43[illegible]	[illegible]
8	[illegible]	42[illegible]	[illegible]	32[illegible]	29[illegible]	[illegible]	27[illegible]	34[illegible]	32[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	27[illegible]	41[illegible]	36[illegible]	33[illegible]	35[illegible]	31[illegible]	27[illegible]	36[illegible]	22[illegible]	27[illegible]	3[illegible]	40[illegible]	43
10	33[illegible]	[illegible]	[illegible]	47 [illegible]	32[illegible]	32 [illegible]	31[illegible]	32[illegible]	34[illegible]	37[illegible]	[illegible]	47[illegible]	[illegible]
11	29[illegible]	5[illegible]	36[illegible]	40[illegible]	25[illegible]	27[illegible]	25[illegible]	45[illegible]	40[illegible]	35[illegible]	[illegible]	27[illegible]	44
12	32[illegible]	31[illegible]	[illegible]	31[illegible]	35[illegible]	36[illegible]	25[illegible]	46[illegible]	3[illegible]	43[illegible]	[illegible]	45[illegible]	[illegible]
13	28[illegible]	[illegible]	38[illegible]	38[illegible]	40[illegible]	31[illegible]	2[illegible]	40[illegible]	44[illegible]	44[illegible]	3[illegible]	40[illegible]	42
14	34[illegible]	2[illegible]	[illegible]	43[illegible]	47[illegible]	39[illegible]	3[illegible]	32[illegible]	27[illegible]	31[illegible]	31[illegible]	44[illegible]	3[illegible]
15	33[illegible]	36[illegible]	[illegible]	37[illegible]	30[illegible]	33[illegible]	[illegible]	33[illegible]	26[illegible]	37[illegible]	32[illegible]	29[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	36[illegible]	37[illegible]	31[illegible]	3[illegible]	23[illegible]	20[illegible]	27[illegible]	[illegible]	35[illegible]	47
17	[illegible]	[illegible]	36[illegible]	37[illegible]	36[illegible]	23[illegible]							
MEAN	39.6	36.7	37.9	39.4	33.7	[illegible]	26.3	35.[illegible]	26.0	29.1	29.8	44.4	5[illegible]
S.D.	8.92[illegible]	[illegible]	[illegible]	5.334	4.131	7.19[illegible]	6.426	0.125	8.517	[illegible]	5.257	[illegible]	[illegible]
TOTAL OBS.	436	341	437	416	434	371	403	400	409	446	421	441	4[illegible]

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

USAF ETAC FORM AM 66 0-88-5 (OLA)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 (STATION) KANSAS AFB KSLA (STATION NAME) -77 (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	2.2	3.2	5.4	3.5	.7	.2			.1			15.3	8.3
NNE	2.2	2.9	2.2	.9	.1							8.2	6.3
NE	2.0	2.2	1.1	.6								6.5	5.0
ENE	3.0	2.3	.5	.2								5.9	4.3
E	8.2	5.4	2.1									16.7	4.5
ESE	2.7	3.4	.8									7.0	4.1
SE	1.8	1.7	.6	.1								4.2	4.3
SSE	.6	1.0	.3	.1								2.1	5.4
S		.5	.1									.6	5.4
SSW			.1	.1								.2	10.0
SW		.2	.1	.1								.5	7.5
WSW		.2		.1	.1							.5	10.0
W	.1	.1	.5	.7	.7	.2						2.6	15.3
WNW	.1	.2	.7	.6	.8	.1			.1			2.9	14.4
NW	.2	.6	1.7	1.4	.8	.2	.1					5.0	12.0
NNW	.2	.6	2.4	2.4	1.6	.1	.2					7.6	12.4
VARBL	1.0	.1										1.1	2.1
CALM												13.0	
	25.1	25.6	18.5	11.1	4.8	1.3	.3		.2			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 874

USAFETAC FORM JUN 71 0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible]
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 — KELSO, AP — -77 — JUL
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.3	5.3	3.1	.7	.2						13.7	9.0
NNE	2.1	3.1	3.0	1.0	.1							9.3	6.5
NE	4.1	3.2	1.3	.1								8.7	4.1
ENE	4.0	2.5	.9	.2								7.7	3.9
E	5.0	6.0	3.5	.3								15.4	4.8
ESE	2.3	3.5	1.8									7.6	4.9
SE	.9	1.5	.9									3.3	5.3
SSE	.5	.5	.1									1.0	4.4
S	.1	.2	.2		.1							.7	7.5
SSW	.1	.1	.5	.3	.1							1.2	10.0
SW	.1	.1	.1									.3	5.3
WSW				.1								.1	15.0
W		.1	.3	.7	.2							1.4	12.9
WNW		.1	.2	.5	.5	.3		.2				1.8	18.4
NW	.1	.3	1.2	1.2	.6	.2	.1					3.7	12.9
NNW	.1	.9	3.1	1.7	.9	.6						7.8	12.2
VARBL	1.0	.3										1.4	2.8
CALM												15.0	
	22.2	25.9	22.4	9.3	3.2	1.0	.1	.2				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 869

2

DATA PROCESSING DIVISION
USAF/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 KUNSAN AB KOREA — -77 — JAN
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0000-0800
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS.) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.7	4.3	3.0	.4							11.9	8.7
NNE	1.3	2.3	2.9	.4								6.9	5.7
NE	3.2	2.9	2.6	.2								8.1	5.4
ENE	3.7	3.0	1.3	.2								8.3	4.3
E	7.1	11.5	4.0	.9								24.1	4.9
ESE	2.2	4.1	2.5	.2								9.0	5.4
SE	.7	1.1	.8	.1								2.7	5.9
SSE		.1	.2									.4	7.7
S	.2	.4	.2									.9	4.9
SSW			.5	.2	.1							.8	11.1
SW			.4									.4	7.5
WSW	.1	.1		.1								.4	8.8
W		.1	.1	.6	.2							1.3	13.4
WNW			.6	.4	.6		.1	.2				1.9	17.3
NW	.1	.9	.1	.9	.6	.1						2.8	11.1
NNW	.6	1.1	1.4	2.1	.9	.2						6.3	10.9
VARBL	.8	.2										1.1	3.6
CALM												11.9	
	21.6	30.5	22.5	9.9	2.8	.4	.1	.2				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 824

2

[illegible] PROCESSING GROUP
USAF/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4224 (STATION) KUSAN, AB KOREA (STATION NAME) 66-77 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.8	3.2	4.5	.7							11.7	10.1
NNE	.6	3.1	3.1	.4								7.2	6.5
NE	2.2	3.7	3.3	1.1								10.3	6.1
ENE	2.5	3.5	1.2									7.2	4.6
E	4.3	6.3	2.9	.5								13.9	5.4
ESE	3.1	6.7	4.5	.1								14.4	5.3
SE	.5	2.2	1.0	.1								3.7	5.1
SSE	.4	.5	.5									1.3	6.2
S	.1	.4	.1	.2								.8	6.1
SSW		.1	1.1	.2	.2							1.7	10.5
SW		.1	.1	.1								.4	9.1
WSW	.1	.2										.4	4.1
W	.2	.4	.2	.4	.2	.1	.1	.1				1.8	13.7
WNW	.2	.2	.6	.6	.6	.4						2.6	13.0
NW	.5	.2	1.0	.9	.2	.4						3.1	11.2
NNW	.6	1.3	1.7	3.1	.8							7.5	10.5
VARBL	1.3	1.4	.1									2.9	3.5
CALM												4.1	
	17.1	35.0	27.6	12.2	2.9	.8	.1	.1				100.0	6.

TOTAL NUMBER OF OBSERVATIONS 836

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43217 KUNSAN AB KOREA 64-77 JAN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.2	4.1	3.7	.7	.1						11.0	10.2
NNE	.5	1.1	1.4	1.0								4.1	7.4
NE	1.3	2.4	1.7	.7								6.1	6.2
ENE	.4	1.8	1.2									3.4	6.0
E	1.7	4.0	2.5									8.2	5.4
ESE	1.7	3.0	2.3	.2								7.2	5.5
SE	.8	1.7	.8	.1								3.5	5.5
SSE	.4	1.7	.7	.2								3.0	5.7
S	.5	1.2	.6	.4	.2							2.9	7.5
SSW	.4	.6	1.4	.7	.1							3.2	8.4
SW	.6	.6	1.0	.6								2.8	7.7
WS	.2	.2	.2	.2	.1							1.1	8.2
W	1.3	1.8	.7	.5	.4	.0	.2					5.5	9.5
WNW	.7	1.0	.3	.0	.2	.1		.1	.1			3.7	10.2
NW	.5	2.3	2.2	3.5	1.1	.4		.1				10.0	11.5
NNW	.4	1.2	3.0	7.3	2.6	.5						15.6	12.7
VARBL	2.5	1.6	.2									4.3	3.5
CALM												4.4	
	14.2	28.2	25.6	19.6	5.5	1.7	.2	.2	.1			100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 834

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

44217 — STATION
KUNSAN AB KOREA — STATION NAME
-17 — YEARS
JA — MONTH
ALL WEATHER — CLASS
1200-1700 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.2	3.5	4.1	.7							11.1	9.7
NNE	.2	1.1	1.4	.1								2.9	6.0
NE	.1	.8	1.6	.2								3.0	7.5
ENE	.5	.8	.8									2.2	5.5
E	.8	1.4	.5									2.8	4.3
ESE	.7	1.2	.7									2.7	5.0
SE	.6	.6	.6									1.8	5.3
SSE	.3	.6	.1									1.2	4.2
S	.5	1.0	.6	1.0								3.0	7.0
SSW	.6	1.0	1.6	.2	.4							3.7	7.7
SW	.4	.7	.7	.4	.2							2.4	8.0
WSW	1.4	.7	.1	.1								2.4	4.2
W	2.3	1.8	1.0	1.1	.7	.2						7.1	7.9
WNW	1.0	2.0	1.3	1.0	.5	.2	.1	.1				7.7	9.1
NW	.8	2.3	3.4	4.3	1.2	.4	.4					12.8	11.1
NNW	.5	3.9	5.0	12.2	3.1	.6	.1					25.1	11.8
VARBL	1.7	.6										2.3	2.7
CALM												4.8	
	14.1	22.8	23.7	25.2	6.9	1.4	.6	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 836

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 — STATION
KUNSAN AB KOREA — STATION NAME
-77 — YEARS
— MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (L S T)
— CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	5.3	5.3	3.3	.6							17.9	7.3
NNE	1.0	2.8	1.4	.6								5.8	5.6
NE	1.3	.6	.9									2.8	4.9
ENE	1.0	1.0	.7	.1								2.9	5.2
E	.9	2.0	.1									3.0	3.4
ESE	.5	1.3	.1									1.9	4.2
SE	.3	.6	.2	.1								1.3	5.4
SSE	.6	.8	.5									1.8	5.1
S	.6	.8	.8	.3								2.5	6.9
SSW	.2	1.0	.6									1.8	5.9
SW	.5	.7	.3	.2	.1			.1				2.0	8.4
WSW	.5	.7	.5	.2	.2							2.1	7.7
W	.2	1.0	.3	.2	.8	.2						3.1	11.5
WNW	.3	.3	.5	1.7	.2	.3						3.5	12.3
NW	.5	1.4	2.5	3.0	1.2	.2	.2					9.6	11.9
NNW	.8	3.3	6.6	8.4	1.8	1.0						22.3	11.2
VARBL	.7	.3										1.0	3.3
CALM												14.8	
	13.3	24.0	21.6	19.2	5.0	1.8	.2	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 866

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321[illegible] KANSAN AP KUPLA [illegible]-77 JAN
STATION STATION NAME YEARS MONTH

ALL ALTITUDES
CLASS

2100-2300
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.8	5.1	3.5	.3	[illegible]						15.7	8.6
NNE	2.3	4.1	.7	.5								7.9	4.5
NE	1.9	2.8	1.4	.2								6.3	5.0
ENE	3.1	2.0	.7									5.8	3.9
E	2.6	3.1	1.2									6.9	4.3
ESE	1.3	1.6	.3									3.3	4.1
SE	.5	1.0	.8	.1								2.4	5.9
SSE	1.0	1.4	.8	.2								3.5	5.3
S	.2	.7	.2	.3								1.5	6.3
SSW		.7	.3	.2								1.3	7.5
SW	.2	.1	.1	.5								.9	8.3
WSW		.1	.3	.2	.3							1.0	13.0
W	.3	.1	.6	.6	.2	.6	.1					2.6	13.5
WNW		.3	.6	.9	.5							2.5	11.5
NW	.8	.6	.9	3.7	.9	.3						7.3	11.9
NNW	.8	1.2	4.1	4.4	1.9	.6	.1					13.3	12.0
VARBL	.3	.1		.1								.6	5.0
CALM												15.3	
	17.2	25.8	18.7	15.6	4.2	2.0	.2					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 861

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4521 (STATION) KUNSAN AB KOREA (STATION NAME) -77 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.4	4.5	3.6	.6	.1			.0			13.7	8.5
NNE	1.3	2.6	2.1	.6	.0							6.6	6.2
NE	2.1	2.3	1.7	.5								6.6	5.4
ENE	2.3	2.1	.9	.1								5.4	4.4
E	3.9	5.3	2.5	.2								12.0	4.8
ESE	1.8	3.1	1.6	.1								6.6	5.0
SE	.8	1.3	.7	.1								2.9	5.3
SSE	.5	.8	.4	.1								1.8	5.4
S	.3	.6	.4	.3	.0							1.6	7.3
SSW	.4	.4	.7	.3	.1							1.7	8.5
SW	.2	.3	.4	.2	.0			.0				1.2	7.3
WSW	.3	.3	.1	.1	.1							1.0	7.5
W	.5	.7	.5	.6	.4	.2	.1	.0				3.2	11.1
WNW	.4	.5	.7	.9	.5	.2	.0	.1	.0			3.3	12.1
NW	.4	1.1	1.6	2.4	.8	.3	.1	.0				6.8	11.6
NNW	.5	1.7	3.6	5.2	1.7	.5	.1					13.2	11.7
VARBL	1.2	.6	.0	.0								1.8	3.2
CALM	-											10.6	
	18.1	27.2	22.5	15.3	4.4	1.4	.2	.1	.0			100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 0823

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47321 KUNSAN AB KOREA 68-77 ALL 0000-0200
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L S T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	6.1	4.9	3.7	.5	.1						17.6	7.8
NNE	2.6	3.7	3.1	.4								9.8	5.5
NE	2.5	1.9	1.5									5.9	4.5
ENE	2.7	2.0	.1	.2								5.1	3.7
E	5.0	3.0	.9	.1								9.0	3.9
ESE	2.4	2.2	.4									5.0	3.7
SE	.9	.9	.9		.1							2.7	5.4
SSE	1.1	.5	.2									1.9	3.7
S	.6	.7										1.4	3.5
SSW	.4	.6	.2									1.2	5.1
SW	.1	.4										.5	3.5
WSW	.2	.5	.1									.9	5.3
W	.2	.1	.1	.7	.1	.2	.2					1.9	15.1
WNW	.1	.6	.6	.2	.4	.1						2.1	10.4
NW	.2	1.0	2.2	3.5	1.1							8.1	11.4
NNW	.2	1.7	2.2	5.4	1.1							10.7	11.3
VARBL	1.4	.2	.1									1.7	2.5
CALM												14.4	
	23.1	26.3	17.7	14.4	3.4	.5	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 801

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] KADENA AB OKCA — [illegible]-77 — [illegible]

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.5	5.2	3.7	1.0	.4						15.2	9.4
NNE	2.4	3.0	3.7	.4								9.4	5.9
NE	2.8	5.0	1.8	.3	.1							9.9	5.3
ENE	2.3	2.8	.4	.4								5.9	4.5
E	6.8	6.3	1.6									14.7	4.3
ESE	1.4	3.9	.4									5.7	4.2
SE	.7	1.9	.5									3.3	4.7
SSE		.5	.5	.1								1.1	7.3
S	.4	.6	.1	.1								1.3	4.5
SSW		.1	.1									.3	7.5
SW	.3		.4	.1	.1							.9	8.9
WSW	.1	.3	.1	.4								.9	8.9
W	.1	.1	.5	.1		.5						1.4	14.2
WNW	.3	.3	.1		.3	.3						1.1	12.5
NW	.3	1.5	1.0	2.6	.9							5.3	10.7
NNW	.4	2.1	1.0	3.7	1.8	.1						9.7	11.3
VARBL	1.3	.1										1.4	2.7
CALM												11.6	
	20.0	33.1	18.0	11.0	4.2	1.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 794

2

[illegible] PROCESSING BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 — STATION
KUNSAN AB KOREA — STATION NAME
-77 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
0[illegible]-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	2.3	2.6	4.9	2.6	.6	.3						13.4	8.5
NNE	1.6	2.3	2.8	.6	.1							7.5	6.7
NE	2.5	3.9	4.1	.3								10.8	5.3
ENE	3.9	2.6	1.0									7.5	4.1
E	5.4	9.6	2.3									17.3	4.4
ESE	2.4	4.1	1.0									7.5	4.4
SE	.5	1.1	1.0	.3								2.9	6.3
SSE	.1	.8										.9	4.9
S	.1	.9	.1	.3								1.4	6.4
SSW	.1	.3	.3	.6	.1							1.4	9.4
SW		.1	.3		.1							.5	9.8
WSW	.1		.1	.3								.5	9.0
W	.3	.3	.4	.3	.1	.3						1.5	11.3
WNW		.3	.9	.5	.1	.3						2.0	11.7
NW	.4	.4	1.3	1.8	.5	.1						4.4	11.6
NNW	.6	.8	2.4	3.5	1.4	.3						8.9	11.6
VARBL	.8	.3										1.0	2.9
CALM												10.8	
	21.0	30.2	22.7	11.1	3.1	1.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 799

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 — KUNSAN AB KOREA — -77 — FEB
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.0	4.0	5.4	.7							12.4	10.0
NNE	.5	2.3	2.0	.9								5.7	6.9
NE	1.1	3.9	4.2	.7								9.9	6.5
ENE	1.2	2.1	2.5	.7								6.6	6.6
E	2.9	5.9	2.7									11.5	5.0
ESE	2.3	5.1	1.7									9.1	4.9
SE	.9	2.1	1.2									4.3	5.3
SSE	.1	1.2	.4	.3								2.0	6.3
S	.4	.9	.4									1.7	4.8
SSW	.1	.3	.5	1.3	.1							2.4	10.6
SW	.1		.5	.3	.1	.3						1.3	13.1
WSW		.3	.3	.1								.7	7.2
W	.1	.4	.4	.1	.3	.1						1.5	10.8
WNW	.1	.4	.7	.3	.4	.4						2.3	12.5
NW	.4	.5	1.2	2.4	.8	.1						5.5	12.1
NNW	.3	.8	3.1	5.1	2.3	.2						12.1	13.0
VARBL	3.0	1.6										5.2	3.1
CALM												4.8	
	14.9	29.9	20.7	17.6	4.7	1.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 746

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4921 — STATION
KUNSAN AP KOREA — STATION NAME
--77 — 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	.3	1.7	3.3	1.7	.8	.1						8.0	9.2
NNE	.3	.8	1.1	.5								2.7	7.4
NE	.4	1.9	2.0	1.5								5.7	8.1
ENE	.4	.5	1.3	.1								2.4	6.8
E	1.7	2.4	1.1	.3								5.4	4.9
ESE	.7	1.5	.7									2.9	4.8
SE	.1	1.3		.1								1.6	4.8
SSE	.5	1.2	.1	.1								2.0	4.6
S	.9	2.0	.5	.1								3.6	4.9
SSW	.3	.4	1.3	1.5	.5							4.0	10.5
SW	.8	.7	1.3	1.1								3.8	8.1
WSW	1.1	1.1	1.1	.4		.1						3.7	6.8
W	.7	1.7	1.6	.8	.1	.1						5.0	7.7
WNW	.5	1.7	1.5	2.0	.8	.3						6.8	10.2
NW	.7	2.1	4.5	4.0	1.7	.5						13.5	11.2
NNW	.4	1.7	5.4	9.9	4.6	.8						22.9	12.9
VARBL	2.0	2.4										4.4	3.5
CALM												1.7	
	11.7	25.1	26.8	24.1	8.6	2.0						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 754

DATA PROCESSING BRANCH
HTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

9321 (STATION) KANSAS AT KUSLA (STATION NAME) 55-77 (YEARS) (MONTH)

ALL WEATHER (CLASS) 1300-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	3.1	2.0	.8	.3						7.7	10.4
NNE	.5	.4	1.0	.1								2.1	6.6
NE	.1	1.6	1.5	.7								4.0	7.5
ENE	.3	.5	.7	.4								1.9	8.1
E	.9	.5	.3									1.7	3.7
ESE	.1	.1	.1									.4	5.7
SE	.1		.3	.3								.7	8.6
SSE	.3	.3										.5	4.3
S	.3	1.4	.3									2.0	5.8
SSW	.1	1.3	2.1	1.2								4.7	8.3
SW	.3	.9	1.0	.4								2.6	7.1
WSW	.5	.9	1.0	.3								2.7	6.6
W	1.8	2.1	.9	.4	.5	.3						6.0	7.0
WNW	.7	1.7	2.6	1.4	.5							6.9	8.2
NW	.8	2.6	6.3	8.1	2.7	.6						21.7	11.3
NNW	.3	2.5	7.6	13.3	4.3	.6	.1					29.0	12.5
VARBL	1.0	.3	.3									1.6	3.5
CALM												3.0	
	8.2	18.5	30.1	28.4	8.9	2.1	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 767

2

AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4324 STATION | KUSAN AB KOREA STATION NAME | -77 YEARS | MONTH

ALL WEATHER CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.4	7.4	2.6	.4							17.8	7.0
NNE	.3	1.5	.5									2.3	5.1
NE	.2	1.4	.3	.9								3.0	6.6
ENE	.6	.4	.4	.1								1.5	5.5
E	.4	.4	.1	.4								1.3	6.5
ESE	.4	.4										.8	4.0
SE	.1	.3		.1								.5	6.0
SSE	.3	.3	.3	.3								1.0	7.5
S	.9	1.9	.5	.1								3.4	4.9
SSW	.4	1.5	1.1	.6								3.7	6.4
SW	.4	.4	.6									1.4	6.0
WSW	.4	.1	.3	.1								.9	5.4
W	.9	.8	.8	.4	.5							3.3	7.8
WNW	.6	1.3	1.1	.6	.5							4.3	8.2
NW	1.1	2.8	3.5	3.5	1.4	.3						13.1	10.6
NNW	1.5	4.3	10.0	12.2	3.0	.6						31.7	10.9
VARBL	.6											.6	2.4
CALM												9.6	
	11.3	23.0	26.9	22.1	5.8	1.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 795

DATA PROCESSING BRANCH
USAF/USWB
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

432 [illegible] KUSAN AB KOREA 66-77 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	3.1	6.7	3.5	.9							22.7	7.3
NNE	1.9	1.8	1.8									5.4	5.2
NE	2.1	1.8	.6	.4								5.1	5.0
ENE	1.5	.4	.3									2.1	3.4
E	2.4	1.0	.8	.3								4.4	4.5
ESE	2.0	.8	.4									3.1	3.7
SE	.3	.9	.8									1.9	5.1
SSE	.8	.5	.4									1.6	4.4
S	1.0	.6	.1	.1								1.8	4.2
SSW	.5	1.1	.3	.2								2.1	5.1
SW		.1		.1								.3	8.0
WSW	.4	.3	.3		.1							1.0	6.5
W	.1	.5	.3	.3	.3	.1						1.5	10.0
WNW	.5	.9	1.0	.4	.5	.2						3.5	9.0
NW	1.0	.6	1.9	3.4	1.0	.4	.1					8.4	12.1
NNW	1.4	3.8	5.2	6.3	1.5	.5						20.7	10.5
VARBL	1.1	.5										1.5	2.3
CALM												12.6	
	20.5	23.6	20.7	17.0	4.3	1.3	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 794

2

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible]-77 YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.0	2.1	3.2	.7	.1						14.[illegible]	8.[illegible]
NNE	1.3	2.0	2.0	.4	.0							5.7	6.
NE	1.5	2.7	2.0	.6	.3							[illegible]	6.
ENE	1.6	1.4	.8	.2								4.1	5.
E	3.2	3.6	1.2	.1								[illegible]	4.
ESE	1.5	2.3	.6									4.3	4.
SE	.5	1.1	.3	.1	.0							2.2	5.
SSE	.4	.6	.2	.1								1.4	5.
S	.3	1.1	.3	.1								2.1	4.
SSW	.2	.7	.7	.7	.1							2.4	8.
SW	.2	.3	.5	.2	.0	.0						1.4	8.1
WSW	.4	.4	.4	.2	.0	.0						1.4	6.
W	.5	.7	.6	.4	.2	.2	.0					2.7	9.
WNW	.4	.9	1.1	.7	.4	.2						3.6	9.
NW	.6	1.4	2.6	3.0	1.3	.3	.0					10.1	11.
NNW	.6	2.2	4.7	7.6	2.5	.4	.0					18.2	11.
VARBL	1.5	.7	.0									2.2	3.1
CALM												[illegible]	
	16.4	26.2	23.6	18.2	5.3	1.4	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 5244

DATA FOR CLASSIFIED PROJECT
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43217 STATION — KANSAN AB KOREA STATION NAME — 62-77 YEARS — MONTH

ALL WEATHER CLASS — 0000-2300 HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	3.7	3.6	1.6	.9							12.4	7.
NNE	1.3	2.1	.5	.3								4.1	5.1
NE	1.9	1.3	.8	.2								3.9	5.
ENE	1.0	.7	.3	.1								2.2	4.
E	3.1	1.7	.1									5.0	3.1
ESE	1.2	2.3	.2									3.7	4.1
SE	.9	1.8	.5	.1								3.2	4.
SSE	.8	.7	.3	.2	.1							2.2	5.
S	.6	.6	.3	.3	.1							2.0	7.1
SSW	.6	1.2	.9	.2	.3	.1						3.3	7.9
SW	.1	.8	.5		.1	.3						1.8	9.5
WSW	.6	.1			.1							.8	4.7
W	1.0	.8	.9	.2	.1	.1						3.2	6.8
WNW	.9	.5	.9	1.3	.6	.1						4.3	10.
NW	.9	2.0	2.1	1.3	.8	.1						7.7	10.2
NNW	1.5	2.3	6.2	6.2	1.3	.2						17.7	10.0
VARBL	.5	.1		.2								.8	5.4
CALM												21.7	
	18.8	22.0	18.2	12.7	4.5	1.6						100.0	5.

TOTAL NUMBER OF OBSERVATIONS 8[illegible]

2

[illegible]
[illegible]
[illegible]

SURFACE WINDS

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

[illegible] KUSAN A[illegible] KOREA — [illegible]-77 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]-[illegible]
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	4.8	2.2	2.1	.2	.1						12.7	6.[illegible]
NNE	1.8	2.8	1.2									5.8	4.[illegible]
NE	1.5	1.2	.9	.6								4.1	5.7
ENE	1.7	.6	.7	.1								3.1	4.[illegible]
E	5.3	4.7	.7									10.7	3.[illegible]
ESE	1.7	3.0	.2	.1								5.0	4.7
SE	1.2	1.7	.2									3.1	4.[illegible]
SSE	.1	.8		.1	.1							1.2	6.[illegible]
S	.2	.7	.1	.5								1.4	7.[illegible]
SSW	.2	.5	.[illegible]	.5	.2							2.2	8.[illegible]
SW	.2	.2	.1	.2	.3	.1						1.3	11.3
WSW	.2		.2	.2	.1							.8	9.[illegible]
W	.1	.3	.5	.2	.1	.1						1.4	9.[illegible]
WNW		.3	1.0	.2	.1	.2						2.5	10.4
NW	.6	.9	1.0	1.7	1.3	1.2						7.3	13.1
NNW	1.0	2.1	3.0	3.0	.9	.[illegible]						11.8	10.[illegible]
VARBL	1.4	.5	.3									2.2	3.[illegible]
CALM												21.9	
	20.3	25.1	16.9	10.0	3.5	2.1						100.0	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 80[illegible]

1

USAFETAC FORM JUN 71 0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4921 KUNSAN AB, KOREA 73-77 ALL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.0	3.6	1.1	.4							8.9	7.0
NNE	2.0	2.6	.8	.4								5.7	5.1
NE	1.4	3.3	1.2	.4								6.3	5.3
ENE	3.3	2.6	.8	.2	.1							7.0	4.4
E	6.4	7.2	1.6	.1								15.4	4.1
ESE	3.0	4.6	2.3	.2								10.2	5.0
SE	.8	1.1	.6	.1								2.6	5.0
SSE	.2	.9	.4									1.5	5.2
S		.4	.1	.1		.2						.8	11.5
SSW		.5	.5									.9	7.3
SW		.1	.7	.4								1.2	8.8
WSW			.1	.1		.1						.4	14.0
W	.2	.6	.6	.2	.1							1.8	8.1
WNW	.2	.4	.6	.5	.5	.2						2.3	11.5
NW	.5	.7	1.4	1.6	.9	.8	.1					5.8	12.8
NNW	.4	1.3	3.2	3.5	.9	.6						9.8	11.6
VARBL	1.2	.6	.1									1.9	3.6
CALM												18.0	
	20.2	29.6	18.6	8.9	2.9	1.6	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 857

2

SURFACE WINDS

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

4221 KIMHAE AB KOREA -77
STATION STATION NAME YEARS MONTH

ALL WIDTH 0000-1100
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	2.4	1.8	.4							6.6	8.3
NNE	.9	1.1	1.7	.6								4.3	7.1
NE	.9	2.1	1.6	.9	.1							5.5	7.3
ENE	1.5	1.3	1.8	.2								4.9	5.7
E	2.2	5.8	2.3	.1	.5							10.9	5.9
ESE	2.1	4.6	1.6	.2								8.8	5.2
SE	1.3	1.6	1.2	.2								4.4	5.3
SSE	.6	1.0	1.3	.2								3.2	6.5
S	.5	1.9	.6	.4								3.4	6.0
SSW	.1	.4	1.2	.5	.1							2.3	9.4
SW	.4	.6	.5	.7								2.2	8.2
WSW	.6	.9	.2	.2	.1							2.1	6.5
W	.5	1.5	1.5	.4		.1	.1					4.1	7.6
WNW	.9	1.5	2.1	.7	.1	.5						5.7	8.9
NW	.2	1.1	2.9	3.3	1.2	.7	.5					10.0	13.1
NNW	.4	1.2	2.2	5.6	1.8	.2						11.4	12.9
VARBL	2.3	3.6	.2									6.2	4.0
CALM												4.1	
	15.9	31.4	25.5	10.4	4.4	1.6	.6					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 822

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 KUNSAN AB KOREA 69-77 ALL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS.) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	.9	.5	.1							2.1	8.8
NNE	.1	.5	.6	1.1	.1							2.5	10.4
NE	.0	.0	1.1	.9	.1							3.3	8.4
ENE	.1	.6	.7	.1	.2							1.8	8.1
E	1.5	.6	.5									2.6	4.2
ESE	.5	1.2	.2									2.0	4.4
SE	.5	.9		.1								1.5	4.7
SSE	.7	.5	.1	.2	.1							1.7	6.2
S	.2	.2	.6	.7	.4							2.5	10.0
SSW	.2	.9	.5	1.2	.4							3.2	11.0
SW	.4	1.5	1.4	1.3	.4							4.8	9.7
WSW	.4	2.0	2.3	.7	.4							5.8	8.0
W	1.9	5.0	0.9	2.2	.2							15.3	7.6
WNW	.2	2.1	8.8	3.8	.4	.4						15.7	9.8
NW	.1	.7	4.5	7.7	3.1	1.0	.2	.1				17.5	13.5
NNW		.4	1.3	5.4	4.0	.0						12.0	15.3
VARBL	1.0	2.8	.2		.1							4.2	4.7
CALM												1.7	
	8.0	21.0	30.6	26.1	10.0	2.2	.2	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 816

2

DATA PROCESSING BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 (STATION) KUNSAN AB KOREA (STATION NAME) 66-77 (YEARS) (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.0	.6								2.9	7.6
NNE		.5	.5	1.0								1.9	10.3
NE	.1	.5	.4	.6								1.6	9.2
ENE	.1	.4	.2									.7	5.6
E	.4	.7	.4	.1	.1							1.7	7.1
ESE		.2	.1	.1								.5	7.3
SE		.2		.1								.4	7.7
SSE	.1	.1				.4						.6	15.5
S	.1		.4	.4	.4							1.2	12.7
SSW	.1	.7	.6	1.4	.2							3.1	10.3
SW	.1	.6	1.2	1.4	.5							3.8	10.5
WSW	.1	.7	1.1	1.0	.2		.1					3.2	9.9
W	.5	3.7	7.3	2.2	.1	.1						13.9	8.0
WNW	.7	2.5	9.9	4.2	1.0	.7						19.0	10.0
NW	.1	2.2	7.3	10.0	3.9	1.1	.1	.1				24.9	12.5
NNW	.2	1.3	3.1	8.4	4.4	.6						18.3	13.5
VARBL	.8	.7		.1								1.7	4.4
CALM												.7	
	3.9	16.0	33.4	31.6	10.9	3.1	.2	.1				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 836

1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 KUNSAN AB KOREA 66-77 [illegible]
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	1.6	1.1								5.4	6.9
NNE	.4	.5	.6									1.6	6.4
NE		.5	.8									1.3	7.3
ENE	.4	.5	.5									1.3	5.5
E	.4	.5	.6									1.4	5.7
ESE	.2	.1										.4	2.7
SE		.2		.4								.5	8.4
SSE		.4	.2	.2	.1							.9	8.9
S		.2	.4	.5	.4							1.4	11.5
SSW	.1	.9	1.2	.6		.1						2.9	8.7
SW	.8	1.5	.7	.1		.2						3.4	6.5
WSW	.4	.9	.6									1.9	5.1
W	1.4	3.4	2.4	.7	.2	.1						8.2	6.9
WNW	1.4	4.6	3.9	1.3	.4	.1						11.7	7.4
NW	1.3	3.5	8.4	6.1	1.5	.2	.1	.2				21.7	10.7
NNW	1.2	4.4	8.1	12.7	2.7	.6						29.7	11.1
VARBL	.3	1.1										1.5	3.8
CALM												4.7	
	9.2	25.1	30.2	23.6	5.3	1.6	.1	.2				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM JUN 71 0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

432 (STATION) KUSAN AB KOREA (STATION NAME) 70-77 (YEARS) (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	5.4	3.0	1.0	.1							12.0	5.9
NNE	.1	1.0	.8	.2								2.2	6.9
NE	.6	.6	.3	.7								2.4	6.5
ENE	.8	.6	.2									1.4	4.4
E	.8	.6	.2									1.6	3.9
ESE	.7	.6	.2									1.5	3.9
SE	.8	.5	.5									1.5	4.1
SSE	.2	.6	.3	.1								1.3	6.4
S	.2	.9	.5	.2	.2		.1					2.2	8.0
SSW	.5	1.8	1.2	.2	.1	.1						3.9	7.1
SW	1.4	1.2	1.2									3.7	5.0
WSW	.3	.7	.3									1.5	4.6
W	1.3	1.6	1.0	.1	.2	.1						4.4	6.4
WNW	1.5	1.0	.8	1.4	.9	.2	.1					6.0	9.6
NW	1.6	3.3	4.0	3.5	.6	.6	.1					13.7	9.3
NNW	1.5	4.5	6.3	8.6	1.5	.2						22.3	10.2
VARBL	1.3	.6										1.9	3.1
CALM												15.7	
	15.7	25.7	20.6	19.1	3.7	1.3	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 869

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 KONSAN AB KUNSAN — 56-77 — AU

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	2.4	1.3	.3	.0						8.0	7.3
NNE	.9	1.4	.9	.4	.0							3.5	6.3
NE	.6	1.3	.9	.5	.0							3.5	6.5
ENE	1.1	.9	.7	.1	.0							2.8	5.1
E	2.5	2.7	.8	.0	.1							6.2	4.4
ESE	1.2	2.1	.7	.1								4.1	4.8
SE	.6	1.0	.4	.1								2.1	5.0
SSE	.4	.6	.3	.1	.1	.0						1.6	6.8
S	.3	.6	.4	.4	.2	.0	.0					1.8	8.1
SSW	.2	.9	.9	.6	.2	.0						2.7	8.9
SW	.4	.8	.8	.5	.2	.1						2.8	8.3
WSW	.3	.6	.6	.3	.1	.0	.0					2.0	7.5
W	.8	2.1	2.6	.8	.1	.1	.0					6.5	7.5
WNW	.7	1.6	3.5	1.7	.5	.3	.0					8.3	9.4
NW	.7	1.8	4.0	4.4	1.7	.8	.1	.1				13.5	11.8
NNW	.8	2.2	4.3	6.8	2.2	.5						16.7	11.6
VARBL	1.1	1.2	.1	.0	.0							2.5	4.1
CALM												11.4	
	14.1	24.6	24.1	18.1	5.6	1.9	.2	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 6785

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47211 KUNSAN AL KOREA 57-77 APR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.0	1.7	.1								6.0	4.9
NNE	1.7	.7	.7									3.0	4.1
NE	1.3	1.4	1.8	.8								5.3	6.9
ENE	1.5	.5	1.2	.5								3.8	6.2
E	3.0	2.2	.8	.3								6.8	4.3
ESE	1.8	2.1	1.6									5.5	5.2
SE	.8	1.3	1.4	.5								4.0	6.9
SSE	.5	1.0	.7	.3		.2						2.7	7.0
S	1.3	1.7	.5	.7	.2							4.5	6.3
SSW	.9	.8	.8	.7	.3							3.4	8.3
SW	.9	.8	.9	.8	.1	.1						3.5	7.9
WSW	.9	.5	.7	.7	.1							2.8	7.4
W	1.3	2.5	1.1	.7	.1							5.7	6.2
WNW	1.3	1.4	.9	.5	.1	.2						4.5	7.2
NW	1.3	3.0	1.3	1.1	.3	.1						7.2	7.1
NNW	.7	2.2	2.8	.8	.2	.1						6.7	7.6
VARBL	1.0	.2										1.8	2.3
CALM												22.7	
	23.6	24.2	18.8	8.4	1.5	.6						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 920

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 (STATION) KUNSAN AB KOREA (STATION NAME) 67-77 (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	2.3	2.2	1.4		.1							5.9	5.0
NNE	1.2	1.2	.7	.1								3.3	5.1
NE	2.1	2.4	1.9	.9	.2	.1						7.6	6.1
ENE	3.3	2.2	.8	.4								6.7	4.3
E	6.3	6.2	1.0	.3								13.7	4.6
ESE	2.5	2.2	1.3	.3								6.3	4.9
SE	1.1	1.6	1.7	.2								4.6	5.8
SSE	1.1	.6	1.1		.1							2.9	5.6
S	1.3	1.1	.4	.4	.2							3.5	6.3
SSW	1.0	1.1	1.1	.9	.8							4.8	8.8
SW	.1	1.0	1.0	.3	.2							2.6	8.1
WSW	.2		.2	.2								.6	8.2
W	.5	1.7	.3	.3	.3							3.2	7.0
WNW	.6	1.2	.6	.5	.3	.2						3.6	9.0
NW	1.1	1.1	.6	.4	.8	.3						4.9	9.9
NNW	1.3	2.4	1.4	.8	.2	.1						6.2	6.9
VARBL	1.3	.1										1.4	2.5
CALM												13.4	
	27.2	28.1	15.8	6.6	3.2	.6						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 925

2

DATA PROCESSING BRANCH
USAF/USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 (STATION) KIMHAE AB, KOREA (STATION NAME) 67-77 (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	1.2	1.3	.9	.5								4.0	6.1
NNE	1.3	1.6	1.1	.5								4.4	5.7
NE	2.2	2.3	3.1	1.3	.1	.1						9.1	7.2
ENE	2.5	2.6	1.0	.4								6.4	4.7
E	5.4	8.1	3.1	.4								17.0	4.9
ESE	2.7	4.6	2.3	.4								10.1	5.3
SE	1.0	1.9	1.1	.1								4.1	5.5
SSE	.7	1.2	.3	.2								2.4	5.4
S	.4	1.2	.4	.6	.1							3.0	7.7
SSW	.2	.9	.9	2.0	.5							4.5	11.2
SW	.2	1.4	.7	.1								2.4	6.4
WSW	.3	.4	.7	.3								1.8	6.9
W	1.0	.7	.1	.7	.2							2.6	7.5
WNW	.5	1.1	.4	.2	.2	.2						2.7	8.2
NW	.4	.8	1.0	.5	.9	.1						3.7	10.6
NNW	.9	.5	2.1	.9	.2	.1						4.7	8.7
VARBL	2.7	1.1										3.8	2.9
CALM												13.2	
	23.8	31.9	19.1	9.1	2.3	.5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 916

1

[illegible]
HQ USAFETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

9321 KUNSAN AB KOREA 71-77 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 0400-1100
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	1.3	.1								2.5	6.1
NNE	.5	1.8	1.1	.2								3.6	6.4
NE	.6	1.8	2.0	2.7	.2							7.3	9.0
ENE	.5	1.7	.9	.6	.1							3.8	7.3
E	2.5	4.6	2.1	.3								9.5	5.1
ESE	2.6	4.6	2.2	.5								9.8	5.3
SE	1.4	2.7	1.5	.7	.1							6.4	6.1
SSE	.9	1.6	.8	.6	.2							3.8	7.3
S	1.8	1.4	.5	.6								4.2	5.5
SSW	.5	1.9	2.2	2.4	1.0	.3						8.3	10.5
SW	.5	1.0	1.0	1.0	.1							3.7	8.1
WSW	.3	1.7	1.0	.6	.6							4.2	8.8
W	.3	3.2	2.7	.3	.1	.2						7.0	7.5
WNW	.3	1.7	1.5	.5	.8	.2						5.0	9.7
NW	.5	1.4	1.4	1.3	.6							5.0	9.5
NNW	.1	1.6	2.2	1.0	.7							5.6	9.6
VARBL	4.3	2.3	.2									6.8	3.4
CALM												2.6	
	17.5	36.0	25.1	13.5	4.6	.8						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 876

2

SURFACE WINDS

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

STATION _____ STATION NAME _____ 77 YEARS _____ MONTH

_____ CLASS 1200-14 HOURS (L.S.T.)

_____ CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	1.1	.4								2.4	7.7
NNE	.1	.4	1.2	.4								2.2	8.7
NE	.1	.8	1.3	1.2	.4							3.8	10.4
ENE	.1	.4	1.2	.4								2.2	8.4
E	.1	1.2	.8	.3								2.4	6.7
ESE	.3	1.3	.3									2.0	4.4
SE	.2	.7	.4	.1	.1							1.5	7.1
SSE	.2	.7	.3	.2	.3							1.8	8.4
S	.7	.7	.9	.7								2.9	7.8
SSW	.2	.7	.9	1.4	2.0	.2						5.4	13.5
SW	.1	1.4	1.0	2.3	.4	.1	.1					6.3	10.5
WSW	.7	3.2	2.2	1.7	.1							8.4	7.0
W	1.1	7.7	11.7	2.3	.4							23.2	7.7
WNW	.4	3.7	9.4	3.6	1.0	.1						18.4	9.2
NW	.2	1.3	3.3	2.7	1.7							9.2	11.0
NNW	.2	.2	2.0	2.1	.2							4.8	10.3
VARBL	.9	.8	.6									2.2	4.2
CALM												.6	
	2.2	26.0	41.1	20.4	6.8	.4	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 901

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4224 KUNSAN AB KOREA 67-77 APR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.4	.6	.1							1.7	8.5
NNE	.1	.9	1.1	.9								3.0	8.7
NE	.2	.2	1.3	1.0	.1							2.8	10.1
ENE	.1	.7	.7	.8	.1							2.3	9.1
E	.1	.4	.7	.2								1.4	7.5
ESE	.1	.7	.3	.2								1.3	6.6
SE		.2	.2	.1								.6	7.2
SSE	.1		.2	.8	.3							1.4	13.4
S		.2	.3	.2	.2							1.0	11.0
SSW		.4	1.4	2.0	.8							4.6	12.0
SW		.3	2.2	2.2	.6	.1						5.4	11.2
WSW	.3	.9	2.5	1.7		.1						5.5	9.2
W	1.1	3.8	7.3	1.4	.6							14.0	8.1
WNW	.6	3.5	12.1	2.9	.6	.1						19.8	8.5
NW	.4	1.9	9.9	8.2	1.7							22.1	10.7
NNW	.3	2.1	2.4	3.4	1.6							10.0	11.0
VARBL	.2	.2	.1	.1								.7	5.5
CALM												1.4	
	3.9	16.9	43.9	26.6	7.0	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 908

2

AIR WEATHER SERVICE/MAC
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47243 KUNSAN AP KOREA — 71-77 — APR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1800-2000

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	1.6	1.4	.2							5.5	8.2
NNE	.2	.6	.4									1.4	6.1
NE	.1	.5	1.5	.2								2.4	7.4
ENE	.3	1.1	1.2	.1								2.7	6.4
E	.2	.5	.8	.3								1.9	7.1
ESE	.2	.2	.4	.7								1.5	8.9
SE	.1	.3	.4									.9	5.8
SSE	.1	.1	.3	.5	.3							1.4	12.2
S	.3	.9	.7	.7	.1							2.6	8.3
SSW	.1	1.9	1.9	1.7								5.6	9.8
SW	.3	2.4	1.0	2.0	.1							5.8	8.7
WSW	1.0	2.4	.3	.8								4.5	6.2
W	2.8	6.0	3.4	.7	.3							13.2	6.1
WNW	1.9	4.6	4.7	1.0	.4							12.5	7.0
NW	1.0	4.8	7.0	4.6	.4							17.8	8.7
NNW	.8	3.2	4.7	4.6	.4							13.6	9.2
VARBL	.7	.1										.8	2.1
CALM												6.0	
	11.0	31.1	30.3	19.2	2.4							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 917

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 STATION — KUNSAN AB KOREA STATION NAME — 71-77 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	1.0	3.1	3.2	.2								7.5	6.2
NNE	1.0	1.0	.3	.2								2.5	4.5
NE	.3	.9	1.2	.4								2.8	7.0
ENE	.7	.8	1.9	.7								4.0	7.1
E	1.4	1.5	.8									3.7	4.5
ESE	.6	.8	1.1	.4								3.1	6.6
SE	.4	.3	.5	.5								1.9	8.2
SSE	.3	.8	.4	1.0	.3	.2						3.1	10.4
S	1.2	1.2	.9	.2	.1							3.6	6.0
SSW	.3	2.0	1.3	.9	.4							5.4	8.0
SW	1.5	2.4	1.0	1.1	.1							6.1	6.7
WSW	1.6	1.2	1.1	.4								4.4	5.7
W	2.4	2.3	1.3	.8	.2							7.0	5.8
WNW	1.1	3.0	1.5	.8	.1	.1						6.6	6.7
NW	1.5	2.2	2.7	1.4	.4	.2						8.5	8.1
NNW	1.6	2.3	2.6	1.6								8.2	7.0
VARBL	2.0	.2										2.2	2.7
CALM												18.9	
	19.7	25.8	21.9	11.4	1.8	.5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 914

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4921 — STATION
KUNSAN AB KOREA — STATION NAME
-77 — YEARS
APR — MONTH
ALL WX (TOT) — 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	1.5	1.5	.5	.1							4.6	6.3
NNE	.8	1.0	.9	.3								3.0	6.1
NE	.9	1.3	1.9	1.1	.1	.0						5.2	7.7
ENE	1.1	1.3	1.1	.5	.0							4.0	6.1
E	2.5	3.1	1.2	.3								7.1	4.9
ESE	1.4	2.0	1.2	.3								4.9	5.5
SE	.6	1.1	.9	.3	.0							3.0	6.3
SSE	.5	.7	.5	.5	.2	.1						2.4	8.3
S	.9	1.0	.6	.5	.1							3.1	6.1
SSW	.5	1.2	1.3	1.5	.7	.1						5.2	10.2
SW	.5	1.3	1.2	1.2	.2	.0	.0					4.5	8.9
WSW	.7	1.3	1.2	.8	.1	.0						4.0	7.5
W	1.3	3.5	3.5	.9	.3	.0						9.6	7.2
WNW	.9	2.5	3.9	1.3	.4	.2						9.1	8.3
NW	.8	2.1	3.4	2.6	.8	.1						9.8	9.5
NNW	.7	1.8	2.5	1.9	.5	.0						7.5	8.9
VARBL	1.7	.6	.1	.0								2.4	3.2
CALM												10.6	
	16.6	27.5	26.8	14.3	3.7	.5	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 127

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47211 (STATION) KUNSAN AB KOREA (STATION NAME) 1-77 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0000-2000 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	1.3	.2								4.7	5.4
NNE	1.1	1.2	.5									2.8	4.3
NE	.6	1.5	.8	.1								3.0	5.5
ENE	1.5	.8	1.1	.3								3.7	5.3
E	2.7	2.0	.5									5.2	3.9
ESE	1.2	1.8	.6	.3								3.9	5.4
SE	1.0	1.2	.6	.4								3.3	5.0
SSE	.5	.7	.6	.4								2.5	7.2
S	.4	.8	.9	.3								3.3	6.1
SSW	.9	1.0	1.5	1.6	.1							5.6	8.1
SW	1.5	2.0	1.6	.5	.2							5.8	6.2
WSW	.8	1.9	1.2	.7								4.6	6.3
W	2.2	2.3	1.2	1.2	.3							7.4	6.2
WNW	.6	1.3	1.1	.6								3.7	6.1
NW	1.3	2.1	1.7	.6	.1							5.8	6.4
NNW	1.8	3.0	.9	.7								6.4	5.4
VARBL	2.7	1.1		.1								3.9	3.1
CALM												24.0	
	23.7	26.8	16.8	8.0	.7							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 903

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

432[illegible] KUNSAN AB KOREA 77-77 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.3	1.0	.2								4.5	4.[illegible]
NNE	1.3	1.6	.3									3.2	4.[illegible]
NE	1.7	1.9	1.5	.1								5.1	5.1
ENE	2.4	2.0	.7	.3								5.4	4.6
E	5.5	6.8	.9	.2								13.5	4.[illegible]
ESE	1.9	3.2	.6	.3								6.0	4.[illegible]
SE	.8	1.1	.5	.4	.1							3.0	6.1
SSE	.8	.9	.5	.5	.1	.2						3.1	7.[illegible]
S	.7	.7	.4	.4	.4							2.7	8.[illegible]
SSW	.9	.8	1.1	1.3								4.3	7.[illegible]
SW	.5	1.0	1.3	.9	.1							3.6	7.6
WSW	1.1	.8	.7	.1								2.8	4.6
W	1.0	1.7	.7	.9	.2							4.3	7.0
WNW	1.0	1.3	1.1	.4	.1							4.0	6.5
NW	.6	2.1	1.6	.5								4.8	6.7
NNW	1.3	1.9	.9	.6								4.8	5.9
VARBL	2.8	1.0										3.8	2.1
CALM												21.2	
	26.5	30.3	14.1	6.7	1.0	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 964

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47211 KUNSAN AB KOREA 67-77 01
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-0800
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.7	1.2	.2								3.4	5.5
NNE	1.6	1.4	.5									3.9	4.7
NE	1.6	2.9	2.7	.2								7.4	5.7
ENE	3.2	2.4	1.8									7.4	4.4
E	6.0	8.9	2.4									17.2	4.3
ESE	1.9	4.7	1.6	.2								8.5	5.1
SE	1.3	1.2	.9	.6								4.0	6.4
SSE	1.4	1.4	.4	.6	.1							4.0	6.1
S	.9	.7	.9	.6	.4							3.3	8.1
SSW	.7	1.2	1.0	1.4								4.3	8.0
SW	.2	1.1	1.0	.4	.1	.2						3.0	8.8
WSW	.3	.4	.4		.1							1.3	7.0
W	1.3	1.4	1.1	1.0	.1							4.8	6.3
WNW	1.1	.9	.6	.2	.1							2.9	5.7
NW	.5	1.1	1.3	.7	.2							3.9	8.4
NNW	.6	1.1	1.0	.4								3.1	6.8
VARBL	3.4	1.9										5.4	3.1
CALM												13.4	
	26.8	33.3	18.4	6.7	1.2	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 934

1

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43216 (STATION) KUNSAN AP KOREA (STATION NAME) 67-77 (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	.2	.5	.5	.2								1.6	7.1
NNE	.2	1.2	.5	.2								2.2	6.2
NE	.6	1.6	2.7	.4								5.4	6.7
ENE	.6	2.7	1.0	.3								4.6	5.5
E	2.5	4.1	1.7	.1								8.4	5.0
ESE	1.6	4.6	.8	.8	.1							7.9	5.5
SE	.9	2.9	1.4	.3	.1							5.6	6.3
SSE	1.3	1.4	.8	.1								3.6	5.2
S	1.3	1.9	1.6	.8	.1							5.7	6.6
SSW	1.0	1.6	2.1	2.1	.3	.2						7.2	9.2
SW	.4	1.7	1.3	1.3	.4	.1	.1					5.4	9.5
WSW	.8	1.6	2.2	.5	.1							5.2	6.9
W	1.1	4.2	3.2	1.0	.3							10.5	7.4
WNW	.4	2.5	3.7	1.0								7.6	7.0
NW	.3	1.1	1.3	.9	.1	.1						3.8	9.0
NNW	.1	.6	.6	.9	.2							2.5	9.7
VARBL	3.1	4.9	.1									8.1	3.4
CALM												4.4	
	16.5	39.4	25.8	11.5	1.8	.4	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47271 KUSAN AB KOREA 77-77 07
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.2	.6								.5	9.2
NNE	.2	.2	.6	.1								1.2	7.1
NE	.1	.5	1.5	.5								2.7	8.3
ENE	.2	.7	.4	.3								1.7	6.5
E	.6	.7	1.0	.5								2.9	6.6
ESE	.5	1.6	.9	.4	.1							3.5	6.8
SE		.5	.9	1.0	.1							2.5	10.2
SSE	.3	.4	.5	.6	.1							2.0	8.5
S	.2	.4	.5	.6	.1							1.8	9.0
SSW	.4	.9	.9	1.8	.5							4.5	10.4
SW	.3	1.0	3.2	2.9	.4							7.8	10.1
WSW	.5	1.9	4.5	2.4	.1	.1						9.5	8.6
W	1.6	6.8	12.0	1.8	.6							22.9	7.7
WNW	.3	4.2	9.8	2.5	.3							17.1	8.4
NW	.1	1.0	4.5	4.0	.9	.1						10.5	10.7
NNW		.5	1.1	1.2	.4							3.2	10.4
VARBL	.7	3.4										4.2	4.0
CALM												1.4	
	6.3	25.0	42.5	20.9	3.7	.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 935

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43215 (STATION) KUNSAN AB KOREA (STATION NAME) 71-77 (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	.1		.4	.8								1.3	10.3
NNE	.1	.2	.9	.1								1.3	7.6
NE	.2	.1	.9	.8	.1							2.0	10.0
ENE	.1	.4	.4	.2								1.2	7.5
E	.1	.8	.8	.3								1.9	7.9
ESE	.1	.4	.6	.4	.1							1.7	8.9
SE	.2	.3	.3	1.0								1.8	9.7
SSE	.2	.4	.5	.2								1.4	7.2
S	.3	.1		.3	.4							1.2	11.4
SSW		.3	1.3	1.3	.3							3.2	11.1
SW	.2	1.0	2.0	3.3	.3							6.9	10.6
WSW		1.3	3.3	2.6								7.2	9.7
W	.4	4.4	10.5	2.6	.2							18.1	8.3
WNW	.4	4.1	14.3	3.3	.1							22.2	8.4
NW		1.6	9.9	6.3	.2							18.2	9.7
NNW	.3	1.0	3.2	4.3	.2	.2						9.2	10.5
VARBL	.4	.5										1.0	3.6
CALM												.1	
	3.3	17.2	49.4	27.8	2.0	.2						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 932

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4221 — KUNSAN AB KOREA — 57-77 — JAN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1800-2000

CLASS — HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.8	1.2	1.2								4.0	7.6
NNE	.1	.2	.2	.4								.9	8.6
NE	.2	.7	1.4	.6								2.9	8.4
ENE	.2	.5	.3	.2								1.3	6.8
E		.4	.4									.9	6.3
ESE	.1	.2	.6	.1								1.0	7.8
SE		.2	.7	.6	.3							1.9	11.4
SSE		.3	.4	.4	.2							1.4	11.2
S	.2	.5	.6	.6	.2							2.2	9.1
SSW	.1	1.6	1.9	1.4	.3							5.2	9.2
SW	.5	1.2	2.5	1.9	.1							6.2	8.6
WSW	.5	2.1	2.7	1.5								6.8	7.9
W	2.2	7.2	4.9	1.8								16.1	6.5
WNW	1.4	7.0	5.0	1.2								14.5	6.7
NW	1.6	4.2	6.3	2.2	.1							14.3	7.6
NNW	1.0	2.3	6.2	3.9	.2	.1						13.7	8.1
VARBL	1.8	.6	.1									2.5	3.1
CALM												4.2	
	10.8	30.1	35.5	17.9	1.5	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 956

1

2

SURFACE WINDS

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

4321 — KUNSAN AIR BASE — 71-77 — — 1
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.7	1.1	.1								6.5	4.1
NNE	.3	.8	.3	.2								1.7	6.1
NE	.3	.6	.9	.2								2.1	6.5
ENE	.5	.6	.7	.4								2.3	7.3
E	1.0	.3	.4									2.3	4.3
ESE	.3	1.0	.2	.1								1.7	5.5
SE	.3	.9	1.1	.4	.3							3.7	7.3
SSE	.6	.4	.5	.5	.1							2.4	7.0
S	.3	.9	.3	.2								2.3	5.1
SSW	.5	1.6	3.0	1.4	.3							6.8	8.4
SW	.3	3.0	2.7	1.3	.1	.1						8.0	7.5
WSW	2.4	2.9	1.6	.6								7.7	5.4
W	2.8	5.5	2.0	1.0								11.4	5.6
WNW	1.1	3.9	1.5	1.4								7.8	6.3
NW	.7	2.6	2.0	1.5								6.8	7.3
NNW	1.6	2.0	3.2	.9								7.7	6.6
VARBL	3.1	.3	.2									3.7	2.9
CALM												15.7	
	20.7	30.3	22.2	10.2	.8	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 927

DATA PROCESSING BRANCH
USAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4324 KUNSAN AB KOREA 57-77 AY
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	.2	.4								3.3	6.0
NNE	.6	.9	.5	.1								2.0	5.4
NE	.7	1.2	1.5	.4	.0							3.8	6.5
ENE	1.1	1.3	.8	.3								3.4	5.4
E	2.4	3.0	1.0	.1								6.5	4.6
ESE	1.0	2.2	.7	.3	.0							4.3	5.7
SE	.6	1.1	.8	.6	.1							3.2	7.4
SSE	.7	.8	.6	.4	.1	.0						2.5	7.1
S	.7	.8	.6	.5	.2							2.8	7.0
SSW	.6	1.2	1.6	1.5	.2	.0						5.1	8.2
SW	.9	1.5	2.0	1.5	.2	.1	.0					5.8	8.7
WSW	.8	1.6	2.1	1.0	.0	.0						5.7	7.4
W	1.6	4.2	4.4	1.4	.2							11.9	7.1
WNW	.8	3.1	4.6	1.3	.1							10.0	7.5
NW	.7	2.0	3.5	2.1	.2	.0						8.5	8.2
NNW	.9	1.6	2.2	1.6	.1	.0						6.4	8.1
VARBL	2.3	1.7	.1	.0								4.1	3.4
CALM												10.6	
	16.9	29.0	28.0	13.7	1.6	.2	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1566

2

[illegible]

SURFACE WINDS

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

4121 STATION | KADENA AB, OKINAWA STATION NAME | 72-75 YEARS | [illegible] MONTH

ALL WEATHER CLASS | 0000-2300 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	2.5	.5	.1								4.4	4.1
NNE	.4	.1	.0	.1								1.0	7.1
NE	1.2	.5	.4									2.1	3.5
ENE	.6	.8	.4	.1	.1							2.0	5.4
E	2.0	1.6	.9	.1								4.7	4.0
ESE	1.1	1.1	.4	.1								2.6	4.4
SE	1.1	1.4	.6	.1								3.2	5.3
SSE	.4	.6	.5	.4	.2							2.0	8.1
S	1.3	1.9	.5	.4	.2							4.3	6.7
SSW	1.3	1.6	1.0	1.3	.1							5.1	7.1
SW	1.2	2.5	1.6	.6								5.1	6.4
WSW	2.3	2.2	.9	.2								6.0	4.5
W	2.1	4.0	1.0	.4								8.2	5.3
WNW	1.0	2.4	.4		.1							4.5	4.4
NW	1.5	2.1	.9									4.6	4.5
NNW	2.7	3.3	1.3	.1								7.4	4.5
VARBL	2.1	.9										3.1	2.4
CALM												27.3	
	24.2	29.5	13.3	4.0	.8							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 851

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4224 (STATION) KUNSAN AB KOREA (STATION NAME) 57-76 (YEARS) (MONTH)

ALL A/C (CLASS) 0301-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.9	.6									4.8	3.7
NNE	1.1	.9	.5	.1								2.6	4.1
NE	1.9	1.3	.6									3.7	4.6
ENE	1.9	.9	.3	.1	.2							4.3	5.4
E	4.3	3.6	.9									8.9	3.4
ESE	2.0	2.3	.4	.2								4.9	4.7
SE	.9	1.5	.6	.1								3.4	5.3
SSE	.5	1.5	.8	.2	.1							3.2	6.4
S	1.1	.7	1.3	.6	.5							4.1	7.9
SSW	.5	.8	2.0	.7		.1						4.2	8.4
SW	.5	1.2	1.1	.4								3.4	6.3
WSW	1.3	1.3	1.2	.5								4.2	6.1
W	2.0	3.2	.7	.4								6.3	4.6
WNW	1.4	1.3	.6	.4								3.5	5.6
NW	1.1	1.6	.6	.1								3.5	5.1
NNW	.7	2.2	.4	.1								4.4	4.1
VRB	.7	1.2										4.0	2.9
												26.3	
	7.6	13.1	3.9	.8	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 854

A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47211 KUSAN AP, KOREA 67-70 JUNE
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.3	.6	.4								2.5	6.3
NNE	.7	.6	.4									1.7	3.9
NE	1.6	2.1	1.5	.2								5.3	5.4
ENE	2.3	3.0	1.3	.4	.1							7.1	5.3
E	4.0	4.7	2.9									11.6	4.6
ESE	1.7	3.9	1.1	.2								6.9	4.9
SE	1.1	3.3	1.8	.2								6.4	5.8
SSE	.7	1.8	1.7	.4								4.6	6.3
S	.7	1.5	.7	.7	.1							3.8	7.2
SSW	.5	1.6	1.3	.6								4.2	7.2
SW	1.1	1.3	.5	1.0								3.9	6.5
WSW	.5	1.8	.7	.2								3.3	5.7
W	1.8	2.5	.4	.4	.1							5.2	5.2
WNW	1.2	.5	.2	.1								2.1	4.5
NW	.7	1.1	.5	.1								2.4	5.3
NNW	.6	1.7	1.2	.4								3.9	6.3
VARBL	5.9	3.8	.1									9.8	3.2
CALM												15.3	
	25.4	36.4	16.9	5.6	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 826

1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43217 KUNSAN AB KOREA 67-76 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	.0	.2	.1							2.5	6.7
NNE		.7	.1	.1								1.0	6.0
NE	.4	1.4	1.1	.4								3.2	7.6
ENE	.4	1.7	1.0	.6								3.7	7.0
E	1.5	4.1	2.2	.6	.1							8.6	6.1
ESE	1.5	2.5	1.4	.1								5.5	5.1
SE	1.2	1.6	1.1	.5								4.5	6.1
SSE	.7	1.5	1.0	.4								3.6	6.4
S	2.5	1.9	.6	1.0								6.0	5.3
SSW	.7	2.5	2.5	1.9	.1							7.7	7.9
SW	1.2	2.5	2.1	1.6	.1							7.6	7.4
WSW	1.1	4.5	1.7	.5								7.8	5.6
W	2.1	5.9	3.4	.6								12.0	5.7
WNW	.9	2.4	2.2	.4								5.9	6.2
NW	.6	1.5	2.4	.1								4.6	6.7
NNW	.1	.5	.9	.5								2.0	8.4
VARBL	3.0	6.5	.2									10.3	4.0
CALM												3.5	
	19.2	42.6	24.7	9.6	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 804

2

SURFACE WINDS

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

9321 (STATION) KODIAK, ALASKA (STATION NAME) 57-76 (YEARS) J (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.6	.6								1.3	9.6
NNE	.1	.1	.7									1.0	7.9
NE		.9	1.0	.2								2.1	7.2
ENE	.2	.4	1.5	.2								2.3	7.4
E	.2	.7	.9	.4								2.2	7.4
ESE	.5	1.5	.6	.4	.1							3.0	6.9
SE	.2	.7	.7	.5								2.3	7.6
SSE	.2	.5	.6	.5	.1							1.9	8.4
S	.2	.4	.5	.7	.1							1.9	8.6
SSW	.4	.5	1.0	1.7	.1							3.6	10.2
SW	.6	1.7	1.9	1.7	.2							6.2	8.7
WSW	.9	1.9	3.6	1.3	.4							8.3	8.0
W	1.3	7.4	16.2	1.6								26.5	7.5
WNW	.4	5.2	13.1	2.6								21.3	7.9
NW	.5	1.3	5.8	2.8								10.4	8.9
NNW			.6	1.0								1.6	10.8
VARBL	.4	1.6	.6									2.6	5.0
CALM												1.5	
	6.2	24.9	50.2	16.2	1.1							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 824

2

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 67-76 YEARS | [illegible] MONTH

[illegible] 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	.4	.1	.5	.6								1.6	8.7
NNE	.2	.2	.4									.8	5.7
NE	.1	.2	1.0	.1								1.4	7.2
ENE	.1	.2	1.4	.2								1.9	8.2
E	.4	.5	1.2	.1								2.2	7.2
ESE	.1	.6	1.1	.4								2.2	8.3
SE		.5	.4	.2								1.1	8.0
SSE			1.0	.5								1.4	10.4
S		.1	.1	.5	.1							.8	12.0
SSW			1.4	1.7	.2							3.4	11.4
SW	.1	.4	2.3	1.6								4.3	9.9
WSW	.4	1.0	3.0	1.6								6.5	8.6
W	.5	3.6	13.6	2.3								20.2	8.3
WNW	.5	3.6	14.9	2.8								21.7	8.3
NW	.2	3.4	12.6	4.1								20.3	8.6
NNW	.1	.8	3.6	2.6	.1							7.3	9.9
VARBL	1.0	.5										1.4	3.2
CALM												1.1	
	4.1	16.0	58.3	19.4	.5							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 833

2

DATA PROCESSED BY
HQ USAFETAC/DNAP
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47224 — KUNSAN AB, KOREA — 74-76 — JAN
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	2.0	.5								4.7	7.0
NNE	.5	.1	.1									.7	3.5
NE	.3	.8	.3	.1	.2							2.3	7.7
ENE	.2	1.0	.9									2.2	6.5
E	.2	.2	.5									.9	6.0
ESE	.1	.6	.2	.6								1.5	7.9
SE		.6	.5	.1	.2							1.4	9.3
SSE		.5	.7	.2								1.4	8.5
S	.1	.3	.3	.3								1.2	8.0
SSW	.3	.5	1.4	.7								2.9	8.1
SW	.3	1.0	1.5	1.5	.1							4.5	8.6
WSW	.0	3.1	3.1	.5								7.3	6.7
W	2.4	7.2	7.3	.9								17.9	6.4
WNW	2.1	5.8	5.8	.5								14.2	6.2
NW	1.5	6.5	8.2	1.6								17.8	6.9
NNW	.8	2.9	7.5	2.1								13.3	7.9
VARBL	1.3											1.3	2.1
CALM												4.3	
	11.9	32.6	40.9	9.7	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 856

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 (STATION) KUNSAN AP KOREA (STATION NAME) 67-76 (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	2.4	2.2	.9	.1								5.7	4.0
NNE	.5	.5	.2	.1								1.4	4.6
NE	.2	.5	.2	.1	.2							1.3	7.7
ENE	.4	.7	.9	.1								2.1	6.3
E	.1	.8	.6	.1								1.7	6.5
ESE	.1	.8	.6	.1								1.7	6.4
SE		.5	.2	.6								1.3	8.5
SSE	.4	.5	.1	.4	.2							1.5	8.6
S	.4	.5	.1	.2	.1							1.3	7.4
SSW	.7	1.9	1.9	.6	.1							5.2	7.6
SW	2.1	3.1	2.4	.4								7.9	5.7
WSW	2.2	3.2	1.2	.2								6.9	4.9
W	4.4	6.3	2.8	.5								14.0	5.1
WNW	2.6	3.9	1.5	.6	.1							8.8	5.5
NW	3.0	4.3	1.9	.1	.1							9.3	5.1
NNW	2.7	4.9	3.2	.9								11.4	5.6
VARBL	2.0	.8										2.8	2.7
CALM												15.7	
	24.3	35.3	18.9	4.9	.9							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 845

2

AIR WEATHER SERVICE/MAC
USAFETAC/DS-8
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

45211 KUNSAN AB KOREA 67-76 ALL
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	.8	.3	.0							3.5	5.0
NNE	.4	.4	.4	.1								1.3	5.2
NE	.7	.9	.8	.1	.1							2.7	5.9
ENE	.8	1.1	1.0	.2	.1							3.2	6.2
E	1.6	2.0	1.3	.2	.0							5.1	5.2
ESE	.9	1.6	.7	.3	.0							3.5	5.5
SE	.6	1.3	.8	.3	.0							2.9	6.4
SSE	.4	.9	.8	.4	.1							2.5	7.4
S	.3	.9	.5	.6	.1							3.0	7.1
SSW	.6	1.2	1.7	1.2	.1	.0						4.7	8.2
SW	.9	1.7	1.7	1.1	.1							5.5	7.3
WSW	1.2	2.4	2.0	.6	.0							6.3	6.4
W	2.2	5.0	5.7	.9	.0							13.8	6.5
WNW	1.3	3.1	4.8	.9	.0							10.2	7.0
NW	1.2	2.8	4.1	1.1	.0							9.2	7.2
NNW	1.1	2.1	2.3	.9	.0							6.5	6.8
VARBL	2.4	1.9	.1									4.4	3.4
CALM												12.6	
	18.0	30.6	29.6	9.2	.7	.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 6693

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 KUNSAN AB KOREA 67-70 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	.8	.1								3.1	5.3
NNE	.3	.8	.3	.3								1.7	5.7
NE	.7	2.4	1.0	.2								4.3	6.1
ENE	1.0	1.1	1.3									3.4	5.2
E	2.4	2.7	.8	.1								6.1	4.3
ESE	1.1	1.3	.9	.1								3.4	5.2
SE	.9	2.5	1.8	.3								5.6	5.8
SSE	.6	2.3	2.4	1.4								6.6	7.0
S	1.0	1.9	2.6	2.5	.2	.2						8.6	8.9
SSW	.7	1.5	2.2	3.3	.3	.1						8.1	9.3
SW	1.1	1.7	3.1	.6	.3	.1						7.0	7.7
WSW	1.1	1.5	1.1	.7								4.5	6.2
W	1.9	1.5	1.1	.2								4.8	5.0
WNW	.6	.8	.2									1.6	4.5
NW	1.6	.8	.1		.1							2.6	4.2
NNW	1.9	1.5	.6	.2								4.2	4.6
VARBL	1.3	.8		.2								2.3	3.9
CALM												20.7	
	19.8	26.5	21.1	10.4	1.0	.5						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 873

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 — STATION
KUNSAN AP KOREA — STATION NAME
-/-76 — YEARS
JUL — MONTH
ALL WX, THR — CLASS
0300-0500 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.3	.2	.2								1.9	4.8
NNE	1.4	.3	.6	.2								2.5	5.1
NE	1.7	3.0	2.8	.2								7.8	5.3
ENE	2.1	2.3	.8	.1								5.3	4.6
E	3.3	3.4	.6									7.2	3.5
ESE	1.0	1.8	1.6	.5								4.8	6.1
SE	.7	3.2	2.5	1.0	.1							7.4	7.0
SSE	.8	2.7	2.6	1.2								7.3	7.2
S	.6	1.5	2.9	1.9	.1	.2						7.2	9.1
SSW	.5	1.4	2.6	1.5	.2	.3						6.7	9.8
SW	.5	1.6	1.1	1.5	.1	.1						4.8	8.1
WSW	1.2	1.2	.3	.5								3.3	5.0
W	1.4	1.8	.8	.6								4.5	5.6
WNW	.7	.6	.8	.1	.2							2.4	7.0
NW	.8	.6	.5	.2								2.0	5.6
NNW	1.2	1.0	.3									2.6	4.1
VARBL	1.1	.1	.1	.2								1.6	4.6
CALM												20.6	
	20.0	26.7	21.3	9.9	.8	.7						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43213 KANSAS AR KSER 67-76 1 L
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-0800
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	.1									1.5	4.2
NNE	.8	.7	.8	.1								2.4	5.3
NE	1.4	2.4	3.1	.8								7.7	6.7
ENE	1.6	4.2	2.4	.6								8.8	5.5
E	3.6	4.1	1.9	.2								10.1	4.6
ESE	1.9	2.9	2.2	.1								7.1	5.3
SE	1.7	3.0	3.5	.3	.2							8.6	6.6
SSE	.3	1.8	3.0	1.7	.2							7.1	8.5
S	.5	1.3	3.1	3.1	.1	.2						8.2	9.9
SSW	.2	1.4	2.9	.8	.5	.1						5.8	9.1
SW	.2	1.1	1.5	.7								3.6	8.3
WSW	.2	1.3	.7	.3	.2							2.7	7.8
W	.6	.9	.3	.2								2.1	6.0
WNW	.7	.3	.6	.2	.2							2.1	7.3
NW	.3	.8	.1	.9								2.2	8.2
NNW	.2	1.1	.6	.1								2.3	6.4
VARBL	3.3	1.0	.1									4.5	3.0
CALM												13.3	
	18.6	29.1	26.9	10.3	1.5	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 873

2

[illegible] PROCESSING PROGRAM
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 KUNSAN AB KOREA 67-74 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 0001-1100
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	.1	.2								1.2	6.2
NNE	.5	1.1	1.1	.5								3.1	6.6
NE	.9	2.5	2.4	.2								6.0	6.4
ENE	.7	2.0	1.8	.6	.1							5.2	6.6
E	2.0	3.0	2.7	.4	.1							8.2	5.9
ESE	.6	2.7	2.0	.6		.1						6.0	6.4
SE	.9	1.8	1.3	1.2	.1							5.3	7.2
SSE	1.3	2.4	1.7	1.1	.4							6.7	7.0
S	1.4	1.7	1.6	2.7	.8	.2						9.6	9.5
SSW	.7	2.0	3.1	4.3	.1	.4						10.5	10.0
SW	.4	2.0	4.3	1.5								8.2	8.3
WSW	1.1	1.8	.7	.5								4.0	6.0
W	2.0	2.5	.8	.6								5.9	5.2
WNW	.6	2.8	1.3	.6								5.3	6.7
NW	.4	.8	1.1	.2								2.5	6.8
NNW		.6	.6	.8								2.2	8.6
VARBL	2.6	3.9	.5									7.0	4.1
CALM												4.0	
	16.3	34.3	27.1	16.0	1.7	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 846

2

[illegible]
[illegible]
[illegible]

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS L.S.T.

CONDITION

SPEED (KNTS) DIR	1 - 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	.4								1.2	8.1
NNE	.1	1.0	.6	.1								2.3	6.2
NE	.1	1.3	2.0	.5								3.9	7.3
ENE	.2	1.8	1.1	.6								3.7	7.0
E	.5	1.8	1.2	1.0								4.4	7.1
ESE	.6	.8	1.1	.1	.4	.2						3.2	9.4
SE	.4	1.0	.3	.9		.1	.1					3.0	9.3
SSE	.6	.7	1.3	.7	.4							3.7	8.4
S	.5	1.2	1.4	1.3	.4	.1						4.9	9.5
SSW	.4	1.0	1.6	5.5	1.2	.2						10.0	12.5
SW	.4	1.9	5.6	4.2	.5							12.6	9.6
WSW	.2	2.6	2.4	1.1								6.3	7.4
W	.5	5.9	5.1	1.4								12.9	7.0
WNW	.5	5.7	7.4	1.2								14.8	7.2
NW	.4	1.0	2.2	1.9	.1							5.5	9.3
NNW	.1	.2	.5	.7								1.6	9.1
VARBL	1.2	2.5	1.0									4.7	4.9
CALM												1.2	
	6.8	30.7	36.0	21.3	2.9	1.0	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 8[illegible]

2

SURFACE WINDS

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

[illegible] KUNSAN AB KOREA [illegible]-74 [illegible]
STATION STATION NAME YEARS MONTH

[illegible] 1[illegible]-17
CLASS HOURS L.S.T.

[illegible]
CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	.2	.2								1.7	8.1
NNE	.1	.3	.6									1.3	6.7
NE		1.0	1.6	.3								3.0	7.[illegible]
ENE	.1	.2	1.2	.3	.2							2.1	9.4
E	.5	1.2	1.2	.3								3.1	6.7
ESE	.3	.9	1.3	.3	.1	.2						3.3	9.1
SE	.1	.1	.7	.5	.1	.1						1.6	10.7
SSE		.5	.5	.7		.1						1.7	10.1
S	.2	.9	1.3	.7	.8	.2						4.2	10.[illegible]
SSW	.2	.3	2.3	3.0	1.0	.3						7.9	12.5
SW	.2	1.7	3.5	4.5	.7							10.7	10.4
WSW	.3	1.6	3.4	1.9								7.2	8.3
W	.3	2.0	5.7	1.9								13.1	7.4
WNW	.5	4.5	9.6	.9								15.7	7.4
NW	.1	2.3	8.4	3.3								14.1	8.[illegible]
NNW	.1	1.3	3.4	1.4								6.2	8.0
VARBL	.6	.5	.6	.1								1.7	5.5
CALM												1.4	
	4.2	23.3	45.8	21.3	3.0	1.[illegible]						100.[illegible]	8.7

TOTAL NUMBER OF OBSERVATIONS 801

AD-A088 944 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KUNSAN AB, KUNSAN, KOREA. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
OCT 77
UNCLASSIFIED USAFETAC/DS-80/070 NL



DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47212 KUNSAN AP KOREA 71-76 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	1.4	.5								5.3	5.6
NNE	.1	.2	.2	.3	.2							1.1	9.5
NE	.6	1.4	2.3	.1	.1							4.4	6.1
ENE	.8	.6	.9	.3								2.6	6.4
E	.2	2.2	1.5	.2	.1							4.2	7.0
ESE	.2	1.2	1.7		.1	.2						3.5	8.1
SE	.1	.8	.8									1.7	6.2
SSE	.2	.5	1.6	.2	.2							2.7	8.4
S	.2	.7	1.9	.6	.6							4.0	9.5
SSW	.1	1.6	2.8	5.0	.3	.5						10.3	10.9
SW	.3	2.0	4.1	2.5	.2							9.2	9.2
WSW	.6	1.9	1.9	.8								5.2	7.3
W	1.4	4.2	2.5	1.0								9.1	6.3
WNW	2.2	4.1	2.5									8.7	5.3
NW	1.0	4.3	5.8	.7	.1							11.9	6.8
NNW	.9	3.3	4.1	.9								9.2	6.9
VARBL	.6	1.1										1.7	3.7
CALM												5.2	
	10.8	32.3	35.9	13.1	2.0	.7						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 883

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43215 — STATION
KUNSAN AB KOREA — STATION NAME
71-76 — 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	1.5	1.6	.6	.1								3.7	4.7
NNE	.3	.8	.2	.4								1.8	6.6
NE	.4	1.3	1.6									3.4	5.8
ENE	.8	1.5	.8	.4								3.5	6.1
E	1.1	1.5	.4	.1								3.1	4.6
ESE	.8	2.9	1.2	.2	.3							5.5	6.3
SE	1.2	1.3	1.8	.2		.1						4.7	6.3
SSE	.2	1.1	1.6	1.0								3.9	8.3
S	.6	2.0	2.4	1.9	.4							7.3	9.0
SSW	.8	2.7	3.0	3.0	.6	.3						10.4	9.6
SW	1.1	3.0	1.7	2.0	.3							8.2	8.0
WSW	1.3	1.8	1.2	.8								5.2	6.1
W	1.7	1.6	.6	.2								4.0	4.9
WNW	2.0	1.2	.0									3.8	3.8
NW	2.4	2.9	1.1									6.4	4.5
NNW	1.8	2.9	1.3	.1								6.2	5.1
VARBL	1.0	.4										1.5	2.9
CALM												17.3	
	19.1	30.7	20.1	10.7	1.7	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 890

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4261 — STATION
KUNSAN AB KOREA — STATION NAME
7/-76 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.0	.5	.2								2.5	5.6
NNE	.5	.6	.6	.3	.0							2.1	6.3
NE	.7	1.9	2.2	.3	.0							5.2	6.4
ENE	.9	1.7	1.3	.4	.0							4.3	6.1
E	1.7	2.5	1.3	.3	.0							5.8	5.3
ESE	.8	1.8	1.5	.2	.1	.1						4.6	6.7
SE	.8	1.7	1.6	.5	.1	.0	.0					4.8	7.0
SSE	.5	1.5	1.8	1.0	.1	.0						5.0	7.9
S	.6	1.4	2.2	1.8	.4	.2						6.6	9.5
SSW	.4	1.5	2.6	3.4	.5	.3						8.7	10.6
SW	.5	1.9	3.1	2.2	.3	.0						8.0	9.0
WSW	.8	1.7	1.5	.8	.0							4.8	7.0
W	1.3	2.9	2.1	.8								7.0	6.3
WNW	1.0	2.5	2.8	.4	.1							6.7	6.5
NW	.9	1.7	2.4	.9	.0							5.9	7.2
NNW	.8	1.5	1.5	.5								4.3	6.5
VARBL	1.5	1.3	.3	.1								3.1	4.0
CALM												10.6	
	14.5	29.2	29.2	14.0	1.8	.7	.0					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 6949

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43217 (STATION) KUNSAN AB KOREA (STATION NAME) 67-76 (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	1.0	.5	.1								3.3	4.0
NNE	1.8	1.0	.7									3.5	4.3
NE	.7	1.0	1.5	.6								3.7	6.9
ENE	1.9	1.7	1.5	.5								5.5	5.5
E	5.7	2.4	.1	.2								8.4	3.3
ESE	2.0	1.6	.7	.1								4.4	4.4
SE	.8	3.3	2.1	.1								6.3	5.8
SSE	1.5	2.1	1.4	1.0	.2							6.2	6.8
S	1.4	2.7	2.5	2.7	.5	.1						9.8	8.5
SSW	.7	1.4	2.7	1.2	.1	.2	.1					6.4	9.1
SW	.9	2.4	1.2	1.1		.1						5.7	7.4
WSW	1.2	2.0	.8	.3								4.4	5.0
W	.7	1.4	1.5	.6								4.1	6.8
WNW	.6	.2	.8	.1	.1							1.8	6.9
NW	.8	.5	.3		.1							1.7	5.1
NNW	1.4	.8	.6									2.7	4.4
VARBL	1.5	.3										1.8	2.6
CALM												20.3	
	25.1	25.7	18.7	8.7	1.0	.5	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 888

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47217	KUNSAN AB KOREA	67-76	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.0	.6	.1								3.2	4.7
NNE	1.4	.6	.3	.2								2.5	4.6
NE	2.6	1.8	1.9	.7								7.0	5.7
ENE	3.2	2.6	1.1	.2								7.1	4.4
E	7.1	3.4	.5	.2								11.1	3.4
ESE	1.7	3.4	.8		.2							6.1	4.8
SE	1.1	3.6	1.4	.6	.1							6.8	6.0
SSE	.7	2.6	2.3	.7								6.2	6.8
S	.9	2.5	2.4	1.9	.7							8.3	8.6
SSW	.9	1.0	1.6	2.0	.8	.1						6.4	10.0
SW	1.5	1.7	1.5	1.1	.2	.1						6.1	7.8
WSW	.8	1.5	.6	.6								3.4	6.1
W	.8	1.7	.6	.3								3.4	5.8
WNW	.6	.3	.7	.3								1.9	6.5
NW	.1	1.4	.2	.2								1.9	5.9
NNW	1.6	.1	.5									2.1	3.8
VARBL	.5	.2										.7	3.3
CALM												15.9	
	26.7	29.3	16.7	9.2	2.0	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 888

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47220 (STATION) KUNSAN AB KOREA (STATION NAME) 67-76 (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	.6	.6	.3								2.9	5.3
NNE	.8	.9	.2	.3								2.3	5.6
NE	1.6	2.3	2.1	.7								6.7	6.3
ENE	4.1	3.8	2.3	.5	.1							10.7	5.2
E	5.8	6.4	.9	.2								13.3	4.1
ESE	2.7	5.3	.7									8.7	4.4
SE	1.1	3.1	2.9	.3	.1							7.6	6.4
SSE	.6	2.9	3.6	.6	.1	.1						7.9	7.4
S	.6	1.5	1.4	2.0	1.0	.2						6.7	10.8
SSW	.1	.3	1.8	2.6	.3							5.2	11.4
SW	.9	.9	1.7	1.7	.3							5.5	8.9
WSW	.8	.8	.7	.7								2.9	7.0
W	.7	.9	.9	.1								2.6	6.0
WNW	.3	.5	.7	.1								1.6	6.7
NW	.1	.8	.5	.1								1.5	5.9
NNW	.7	.6	.5		.1							1.8	5.5
VARBL	3.3	1.1	.1	.2								4.8	3.6
CALM												7.2	
	25.6	32.7	21.5	10.5	2.1	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 864

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47211	KUNSAN AB KOREA	67-76	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.3	1.2	.2								2.8	7.1
NNE	.1	.7	.5	.4	.1							1.8	7.4
NE	.4	1.1	2.6	.9								5.0	8.2
ENE	.7	.8	2.4	.7	.2							4.8	7.9
E	2.2	4.6	1.5									8.4	4.8
ESE	.9	4.1	1.9	.1			.1					7.2	5.6
SE	.7	3.4	2.4	.5								7.0	6.6
SSE	.6	1.9	1.2	.6	.2	.1						4.6	7.6
S	.6	2.1	1.8	3.1	.6	.4						8.7	10.0
SSW	.4	1.9	3.4	3.3	1.4							10.4	10.5
SW	.6	2.5	2.7	3.0	.1							8.9	8.7
WSW	.2	1.9	1.4	.8								4.4	7.4
W	.6	2.8	1.4	.6								5.4	6.5
WNW	.5	1.3	1.4	.5								3.7	6.8
NW		.5	.2	.2								.9	8.6
NNW	.1	.5	.6	.7								2.1	8.7
VARBL	6.5	3.1	.7	.7								11.0	4.2
CALM												3.0	
	15.5	34.5	27.5	16.3	2.7	.5	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 847

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47217 (STATION) KUNSAN AB KOREA (STATION NAME) 57-76 (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		.4	.7	.4	.1							1.5	9.8
NNE	.1	.2	.8	.1	.1							1.4	8.7
NE	.1	1.2	2.1	1.0								4.4	8.4
ENE	.2	1.1	1.2	.5	.1	.1						3.2	8.4
E	.5	.8	.5	.2								2.0	5.9
ESE	.2	1.4	.6	.1			.1					2.5	6.6
SE	.2	.6	1.4	.4				.1				2.7	8.6
SSE	.2	.2	.5	.6	.1	.2						1.9	11.1
S	.6	.5	1.3	1.8	.4	.2						4.8	11.0
SSW	.7	1.1	1.8	3.3	2.3	.4						9.5	12.7
SW	.7	2.0	3.2	2.6	.7							9.3	9.2
WSW	1.0	2.3	5.2	2.4								10.8	8.3
W	.7	7.4	6.2	.5	.1							16.9	6.8
WNW	.9	4.0	7.8	1.0	.1							13.6	7.4
NW	.2	.7	2.4	.8	.1							4.3	9.1
NNW		.1	.8	.7	.1							1.8	10.1
VARBL	2.4	3.9	1.0	.6								7.8	5.0
CALM												1.5	
	8.6	27.9	39.6	16.9	4.3	1.0	.1	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 841

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47211 — STATION
KUNSAN AB KOREA — STATION NAME
67-76 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L S T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	.7	.7	.2							2.3	9.4
NNE	.3	.5	.3	.5	.1							1.7	8.3
NE	.2	1.5	1.5	1.0								4.3	8.3
ENE	.2	.6	.2	.7	.3							2.1	9.7
E	.5	.3	.2	.1	.1							1.3	6.1
ESE	.1	.3	.9									1.4	7.3
SE	.1	.1	.5									.7	6.8
SSE		.2	.3	.6	.2							1.4	11.6
S		.1	.9	2.0	.2	.3			.2			3.9	14.8
SSW		.7	1.5	3.4	1.8			.1				7.5	13.5
SW	.7	1.8	2.5	3.1	.3							8.6	9.3
WSW	.1	1.5	4.3	1.0								6.9	8.2
W	.8	3.4	7.6	.3								12.1	7.2
WNW	.8	4.7	10.3	1.0								16.9	7.3
NW	.1	2.5	9.6	2.3								14.6	8.5
NNW	.5	1.0	4.2	1.6	.3							7.6	9.0
VARBL	1.5	3.0	.6	.5								5.5	5.2
CALM												1.7	
	6.4	22.8	46.2	18.8	3.8	.5		.1	.2			100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 865

USAFETAC FORM 0-8-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible]
[illegible]
[illegible]

SURFACE WINDS

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

9221 KUNSAN AB KOREA 67-76 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER 1[illegible]-20[illegible]
CLASS HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	2.3	.2								5.8	6.2
NNE	.5	1.0	.6	.2								2.3	5.8
NE	.5	2.0	1.4	.2								4.1	6.4
ENE	.7	1.1	1.2	.2	.2							3.5	6.9
E	.8	.8	.3	.1								2.0	5.1
ESE	.1	.6	.9									1.6	6.8
SE	.1	.5	.6	.0								1.7	8.3
SSE		.3	.0	.7	.1							1.7	10.0
S	.3	.6	1.0	2.5	.2	.1						4.9	11.4
SSW	.3	1.2	2.2	2.2	.2		.1	.1				6.3	10.4
SW	.0	1.7	3.6	1.8	.1		.1					7.9	8.6
WSW	1.1	3.9	2.3	.6								8.0	6.4
W	2.8	3.3	1.4	.7								8.2	5.2
WNW	1.1	2.8	2.5	.5								6.9	6.2
NW	1.7	3.6	4.1	.6								10.0	6.3
NNW	2.3	7.7	6.5	1.8	.1							18.4	6.8
VARBL	1.8	.7		.3								2.8	4.0
CALM												4.0	
	15.8	34.1	31.3	13.4	1.0	.1	.2	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 882

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47210 KUNSAN AB KOREA 67-76 AUG
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	4.2	1.0	.1								8.4	4.4
NNE	1.5	1.1	.3									2.9	3.5
NE	.9	1.6	1.5									4.0	5.5
ENE	1.8	2.2	1.0	.2	.2							5.4	5.4
E	2.6	2.2	.2									5.0	3.7
ESE	.5	1.6	.5									2.5	4.6
SE	.6	1.5	.2	.3								2.6	5.6
SSE		1.7	.5	1.1	.1	.2	.1					3.7	10.3
S	.6	2.2	2.3	2.4	.6							7.9	9.3
SSW	.5	2.6	3.1	1.5	.1	.1						7.8	8.3
SW	1.0	1.5	2.9	.8		.2						5.5	7.6
WSW	1.4	1.2	1.5	.1								4.2	5.1
W	1.1	.8	1.5	.2								3.6	6.3
WNW	1.4	.3	.6		.1							2.4	5.0
NW	1.6	1.2	.8	.1								3.7	4.7
NNW	3.1	3.1	.9	.5								7.5	4.5
VARBL	2.5	.1		.3								2.9	3.7
CALM												18.8	
	23.9	29.0	18.7	7.7	1.1	.6	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 862

2

AIR WEATHER SERVICE/MAC
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4221 KOKSAN AB KOREA 7-76 ALL
STATION STATION NAME YEARS MONTH

ALL WIDTH ALL
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	.7	.3	.0							3.8	5.1
NNE	.8	.8	.5	.2	.0							2.3	5.3
NE	.9	1.6	1.0	.6								4.9	6.9
ENE	1.9	1.7	1.4	.4	.2	.2						5.3	6.1
E	3.2	2.6	.5	.1	.0							6.5	4.1
ESE	1.0	2.3	.9	.0	.0		.0					4.3	5.1
SE	.8	2.0	1.4	.3	.0			.0				4.4	6.5
SSE	.4	1.5	1.3	.7	.1	.1	.0					4.2	8.0
S	.6	1.5	1.7	2.3	.5	.2			.0			6.9	10.1
SSW	.4	1.3	2.3	2.4	.9	.1	.0	.0				7.4	10.8
SW	.9	1.8	2.4	1.9	.2	.1	.0					7.3	8.5
WSW	.6	1.9	2.1	.8								5.6	7.0
W	1.0	2.7	2.8	.4	.0							7.0	6.5
WNW	.7	1.8	3.1	.4	.0							6.0	6.9
NW	.6	1.4	2.3	.5	.0							4.8	7.2
NNW	1.2	1.7	1.8	.7	.1							5.5	6.6
VARBL	2.5	1.5	.3	.3								4.6	4.3
CALM												9.1	
	18.2	29.5	27.4	12.6	2.3	.4	.1	.0	.0			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 0977

1 DATA PROCESSING BRANCH
2 ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43213 KUNSAN AB, KOREA 57-76 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	1.3	.3								5.6	5.3
NNE	2.5	3.2	1.6	.1								7.4	4.6
NE	3.5	4.7	1.4									9.7	4.2
ENE	5.7	2.8	.0	.3								9.5	3.7
E	8.9	5.5	.4	.1								14.7	3.3
ESE	3.0	3.6	.3	.1								7.1	4.0
SE	1.4	1.7	1.0	.5								4.6	5.3
SSE	.9	.8	.8	.5								3.0	6.3
S	.5	.8	.3	.9	.2							2.7	9.2
SSW	.6	.7	.9	.9								3.1	7.9
SW	.3	.5	.5	.2								1.5	6.5
WSW	.2	.3	.1		.1							.8	7.0
W	.5	.3	.3	.2								1.4	6.3
WNW	.3	.1	.6	.2		.1						1.4	8.4
NW	.2	.1	.7	.3	.1							1.5	10.1
NNW	.8	1.6	.9	.7	.3							4.3	7.4
VARBL	1.6	.1										1.7	2.5
CALM												20.3	
	32.8	29.0	11.5	5.5	.8	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 876

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47211	KIMPO AB, KOREA	61-76	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	1.4	.3								4.5	6.3
NNE	2.4	2.2	1.7	.2								6.9	4.9
NE	5.6	4.8	1.8	.2								12.3	4.2
ENE	6.1	5.5	.5									12.1	3.5
E	12.1	9.6	.5	.6								22.7	3.7
ESE	2.4	3.6	.2	.2								6.5	4.2
SE	1.3	2.0	1.0	.5		.1						4.8	6.0
SSE	.2	1.0	1.3	.5	.1							3.1	7.9
S	.2	.9	.3	.2	.2	.1						2.1	8.7
SSW	.1	.2	.1	.9			.1					1.5	12.5
SW				.2	.1							.3	15.0
WSW	.1	.5	.2									.8	5.3
W		.5	.5	.3								1.3	8.7
WNW	.1		.2	.1								.5	8.5
NW		.6	.8	.5		.3						2.2	11.2
NNW	.2	.9	.6	.8								2.3	7.8
VARBL	1.6	.3										2.0	2.5
CALM												14.2	
	34.0	34.3	10.9	5.4	.5	.6	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 864

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43214 (STATION) KUNSAN AP KOREA (STATION NAME) 67-76 (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	1.4	.6	.9	.5								3.4	5.7
NNE	1.4	3.1	2.2	.8								7.6	6.2
NE	2.8	5.8	2.4	.2								11.3	5.1
ENE	4.9	8.4	2.3	.1								15.7	4.5
E	11.1	12.1	2.1	.2								25.5	4.0
ESE	2.3	5.6	1.5	.1	.1							9.7	5.0
SE	.5	1.7	1.2	.6								4.0	6.7
SSE	.2	.7	.9	.3	.1							2.3	8.3
S		.3	.5	1.0								1.9	10.7
SSW		.3	.1	.2	.1	.1						.9	12.1
SW	.5			.3								.8	6.3
WSW		.3	.1									.5	6.0
W		.1	.3	.1								.4	10.0
WNW	.3	.6	.1	.2	.1							1.4	6.8
NW		.5	.5	.6	.3	.1						2.0	11.6
NNW	.2	.5	.7	.5	.1							2.0	8.7
VARBL	1.7	.8										2.6	2.9
CALM												7.9	
	27.4	41.6	16.0	5.9	.9	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 858

1

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43216	KUNSAN AB KOREA	67-76	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0900-1100
HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.9	2.2	.8								6.0	7.2
NNE	1.3	2.3	1.4	.6								5.9	6.2
NE	1.7	4.3	3.0	1.6	.1							10.7	6.7
ENE	1.9	3.6	3.4	.5								9.3	6.1
E	4.1	7.1	1.6	.4								13.3	4.7
ESE	4.2	6.8	1.6									12.6	4.4
SE	1.1	2.6	1.3	.4								5.4	5.8
SSE	1.0	1.2	.5		.1							2.8	5.3
S	1.0	1.2	.8	1.1	.7	.1						4.9	9.4
SSW	.4	.7	1.1	.7	.1							3.0	8.3
SW	.2	.4	.6	.2								1.4	6.9
WSW	.5	.6	.2	.1	.1	.1						1.7	7.6
W	.1	1.7	1.0		.4							3.1	7.2
WNW	.1	.6	.7	.1								1.6	7.0
NW	.2	.5	.7	1.4	.5							3.4	10.9
NNW	.6	2.0	1.3	.8								4.8	7.0
VARBL	2.6	3.2	.5		.2	.1						6.7	4.8
CALM												3.6	
	21.1	41.7	22.0	9.0	2.3	.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 835

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43219 KUNSAN AB KOREA 67-76 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.5	.4								3.5	6.7
NNE	.7	1.5	1.8	1.0								5.0	7.5
NE	1.1	1.3	1.3	1.0								4.8	6.9
ENE	.5	1.9	1.3	.9								4.6	6.9
E	1.2	1.9	1.3	.4								4.9	6.0
ESE	1.2	.7	.4									2.3	4.1
SE	1.8	.9	.2									2.9	3.6
SSE	1.0	.6	.6	.1								2.3	5.1
S	1.1	1.3	.4	.4	.6							3.8	8.0
SSW	.9	.6	1.0	1.1	.5	.1						4.1	9.9
SW	.7	1.1	1.3	.6	.4							4.1	8.1
WSW	1.1	2.2	1.5	.4	.4							5.5	7.0
W	1.8	6.0	5.1		.4	.1						13.4	6.2
WNW	1.0	4.4	5.0	1.2	.2							11.8	7.2
NW	.4	2.1	5.1	3.3	.4	.2		.1				11.6	9.8
NNW	.2	.7	3.3	2.3	.2							6.8	9.7
VARBL	2.3	2.7	.6		.1							5.7	4.5
CALM												2.8	
	17.5	31.2	31.8	12.9	3.2	.5		.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 821

2

DATA PROCESSING BRANCH
HQ AC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 (STATION) KANSAS AR KOBLA (STATION NAME) 67-76 (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	.4	1.6	2.0	.5								4.4	7.2
NNE	.7	1.8	1.6	.6								4.7	6.5
NE	1.0	1.9	1.5	1.1								5.7	6.9
ENE	.6	1.1	2.0	.2								3.9	6.5
E	.8	1.1	.7	.1								2.7	5.1
ESE	.5	.1	.1									.7	3.8
SE	.5	.5	.8	.4								2.1	6.5
SSE		.5	.2	.4								1.1	9.0
S	.1	.2	.4	.1	.1	.1						1.1	9.5
SSW	.1	.6	1.0	1.4	.1							3.2	9.6
SW	.2	.8	1.2	1.1	.4							3.7	9.1
WSW		.7	1.0	.1	.6	.1						2.5	11.3
W	.5	4.7	2.9	.6								8.8	6.6
WNW	1.0	5.5	7.6	.5	.4							14.9	7.1
NW	.5	3.0	12.3	5.3	.2							21.2	9.1
NNW	.8	2.5	7.2	4.5	.6	.1						15.8	9.4
VARBL	1.1	.8										1.9	3.4
CALM												1.4	
	8.7	27.3	42.7	17.1	2.4	.4						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 838

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43219 KUNSAN AB KOREA 67-76 SEP
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	8.5	4.2	.9								15.7	6.0
NNE	2.1	2.9	1.3	.1								6.3	5.0
NE	1.7	2.7	1.1									5.6	4.7
ENE	.9	2.2	1.0									4.1	5.3
E	1.7	1.1	.3	.1								3.3	4.1
ESE	.8	1.1	.3	.1								2.4	4.5
SE		.2	.9									1.1	7.8
SSE		.5	.8	.2	.1							1.6	9.1
S	.2	.1	.1	.2								.7	7.0
SSW	.3	.2	.6	.2								1.4	7.5
SW	.2	1.0	1.5	.2								3.0	7.3
WSW		.6	.6	.3	.5							1.9	11.1
W	.7	2.5	.8	.1	.1							4.2	5.6
WNW	1.1	3.1	1.8	.2			.1					6.4	6.1
NW	.9	5.0	4.7	1.8		.1						12.6	7.4
NNW	1.6	9.6	7.4	3.3	.3							22.3	7.3
VARBL	.7	.2										.9	2.4
CALM												6.5	
	15.1	41.6	27.5	8.0	1.0	.1	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 875

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43213 STATION | KUNSAN AB KOREA STATION NAME | 67-76 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	3.8	8.1	2.8									14.6	4.8
NNE	4.6	3.7	1.4	.2								9.9	4.2
NE	3.3	4.6	.5									8.4	4.1
ENE	3.5	2.3	1.3	.1								7.2	4.2
E	3.5	2.2	.8	.2								6.7	4.1
ESE	1.4	1.8	.3									3.6	4.1
SE	.3	1.0	.7	.3								2.4	6.4
SSE	.5	.6	1.0	.3	.1							2.5	7.7
S	.2	.1	.9	.3								1.6	7.8
SSW	.7	.3	.8	.6								2.7	7.7
SW	.3	.3	.8	.3								1.8	7.0
WSW	.3	.5	.1		.1							1.0	5.8
W	.9	.9	.2	.1	.2	.2						2.7	7.5
WNW	.5	.1	.1	.2	.2							1.2	8.5
NW	.9	1.0	1.4	.6	.1							4.0	6.9
NNW	2.3	5.0	.7	1.7	.1							10.0	6.1
VARBL	1.2	.5										1.6	2.7
CALM												19.0	
	28.5	33.1	13.8	5.4	.9	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 867

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43216 (STATION) KUNSAN AB KOREA (STATION NAME) 61-76 (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	3.4	2.0	.5								7.3	5.9
NNE	2.0	2.6	1.6	.5								6.7	5.4
NE	2.6	3.8	1.6	.5	.0							8.6	5.2
ENE	3.0	3.5	1.5	.3								8.3	4.7
E	5.5	5.1	1.0	.3								11.8	4.1
ESE	2.0	2.9	.6	.1	.0							5.6	4.4
SE	.6	1.3	.9	.3		.0						3.4	5.9
SSE	.5	.7	.8	.3	.1							2.3	7.1
S	.4	.6	.5	.5	.2	.0						2.3	8.9
SSW	.4	.5	.7	.8	.1	.0	.0					2.5	9.1
SW	.3	.5	.7	.4	.1							2.1	8.0
WSW	.3	.7	.5	.1	.2	.0						1.8	8.1
W	.6	2.0	1.4	.2	.1	.0						4.4	6.6
WNW	.6	1.8	2.0	.4	.1	.0	.0					4.8	7.1
NW	.4	1.6	3.2	1.7	.2	.1		.0				7.2	9.0
NNW	.9	2.9	2.7	1.8	.2	.0						8.6	7.9
VARBL	1.6	1.1	.1		.0	.0						2.9	3.8
CALM												9.5	
	23.2	35.0	21.9	8.6	1.5	.3	.0	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 6842

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47212	KUNSAN AB KOREA	67-76	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.9	2.8	1.2	.2							8.4	7.0
NNE	2.0	1.9	1.1	.1								5.7	4.5
NE	4.0	3.7	1.3									9.6	4.0
ENE	5.4	3.2	.8									9.4	3.4
E	10.4	10.8	.4									21.6	3.5
ESE	2.6	3.7	.7									7.1	4.0
SE	.3	1.4	.1									1.9	4.5
SSE	.2	.4	.2									.9	5.1
S	.8	.4	.1	.1	.1							1.6	5.5
SSW		.1	.6	.1		.1						.9	10.4
SW		.3	.4	.2				.1				1.1	11.0
WSW	.2	.6	.3									1.1	5.7
W	.1	.6	.2	.1	.3							1.3	9.6
WNW	.1	.3	.2	.7	.3		.3					2.0	14.5
NW		.2	1.2	.6	.4		.1					2.6	11.6
NNW	.1	.7	1.0	1.8	.4	.2	.1					4.3	12.0
VARBL	.8		.1									.9	2.9
CALM												19.6	
	30.5	30.3	11.7	4.9	1.9	.3	.6	.1				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 897

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 KUNSAN AB KOREA 67-76 01
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	1.8	1.2	.1							6.3	7.2
NNE	3.1	3.0	1.2									7.3	4.2
NE	4.2	6.5	.9									11.6	4.1
ENE	5.1	5.2	1.3									11.6	3.9
E	9.3	16.6	2.0									27.9	4.1
ESE	2.1	5.1	.6	.2								8.0	4.7
SE	.4	1.1	.6	.1								2.2	5.8
SSE		.4	.3									.8	6.6
S	.3	.2	.1									.7	4.7
SSW	.1		.4	.2								.8	9.9
SW	.1		.2	.1								.4	7.5
WSW	.1	.2	.3	.1	.1							.9	8.1
W		.2	.3	.8								1.3	10.3
WNW			.7	.3	.4	.2						1.7	14.9
NW			.6	1.2	.3	.2	.2					2.5	15.9
NNW	.1	.7	1.3	1.4	.8	.2	.1					4.7	12.4
VARBL	.7											.7	2.3
CALM												10.5	
	26.7	41.6	12.6	5.8	1.8	.7	.3					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 902

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43213 — STATION
KUNSAN AB KOREA — STATION NAME
67-75 — 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	.8	2.5	2.2	.6	.2							6.3	7.1
NNE	1.2	4.5	1.3	.2								7.3	5.2
NE	5.4	5.8	1.6	.1								12.9	4.2
ENE	4.0	7.4	2.5	.1								14.0	4.5
E	8.2	15.8	3.9	.3								28.2	4.6
ESE	1.5	5.5	1.2	.2								8.4	5.1
SE	.6	1.0	.2	.1	.1							2.0	5.9
SSE	.1	.4	.6									1.1	6.5
S		.2	.3	.2								.9	8.4
SSW		.7	.2		.1							1.0	7.3
SW	.1		.3	.2		.1						.8	11.4
WSW		.1	.1	.1								.3	8.3
W		.3	.3	.1		.1						.9	9.1
WNW		.2	.2	.4	.1							1.0	10.9
NW	.1		.9	.9	.3	.4	.1					2.8	14.4
NNW		.2	.6	1.6	.7	.2						3.5	13.6
VARBL	.2	.3										.6	3.6
CALM												8.2	
	22.2	45.0	16.8	5.3	1.6	.9	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 893

2

[illegible]
[illegible]
AIR [illegible]

SURFACE WINDS

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

[illegible] STATION | K[illegible] STATION NAME | [illegible]-76 YEARS | 01 MONTH

ALL [illegible] CLASS

CONDITION

0900-1100 HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.2	3.4	2.1	.5	.1						8.3	9.3
NNE	.7	2.4	3.2	.3								6.6	6.5
NE	1.4	5.2	3.9	1.0	.2							11.7	6.5
ENE	1.6	5.5	2.4	.2								9.7	5.5
E	3.1	9.7	4.2	.2								17.2	5.3
ESE	2.5	6.4	1.0	.3								10.3	4.7
SE	1.3	1.7	1.1	.3								4.4	5.8
SSE	.1	1.1	.2	.1								1.6	5.9
S	.0	.7	.5	.2	.1							2.1	6.4
SSW		.2	.6	.2			.2					1.3	11.5
SW	.2	.3	.5	.2								1.3	6.9
WSW	.1	.1	.1									.3	5.3
W	.1	.7	.5	.1								1.4	6.6
WNW	.2	.3	1.3	1.1								3.0	8.7
NW	.3	.3	1.0	1.7	.7		.2					4.3	12.6
NNW	.2	.7	1.4	2.5	1.3	.1						6.2	12.3
VARBL	2.5	3.9	.9		.2							7.5	4.9
CALM												2.9	
	15.1	41.5	26.1	10.6	3.0	.2	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 877

1

2

[illegible] CLIMATIC BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

4221 — KOJAS A KOREA — 67-70 — YEARS — [illegible] — MONTH

ALL WEATHER — CLASS — 1200-1400 — HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.9	2.0	2.2								6.6	8.[illegible]
NNE	.7	2.1	.6	.4								4.[illegible]	6.1
NE	1.1	2.6	1.9	1.4	.2							7.2	7.[illegible]
ENE	.6	1.5	.8	.2								[illegible].4	5.[illegible]
E	1.3	2.1	1.4									5.3	4.[illegible]
ESE	1.4	1.8	.1	.1								3.4	4.1
SE	.9	.6	.1									1.7	3.[illegible]
SSE	.5	.6	.4									1.4	4.[illegible]
S	.8	.6	.5	.2								2.1	5.7
SSW	.1	.6	.2	1.1	.1	.4						2.5	12.2
SW	.6	1.1	.2	.1								2.0	5.[illegible]
WSW	.6	1.8	.6		.2		.1					3.3	6.[illegible]
W	1.7	5.5	3.[illegible]	1.3	.1							12.4	6.[illegible]
WNW	.4	2.5	6.6	1.4			.1					10.4	8.[illegible]
NW	.6	2.0	5.5	3.5	.9							12.6	9.[illegible]
NNW	.2	1.4	2.8	6.[illegible]	2.4	.5						14.2	12.[illegible]
VARBL	1.7	3.5	.7	.2								6.1	5.1
CALM												1.4	
	14.3	32.2	27.7	19.1	4.0	.6	.2					100.0	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 84[illegible]

1

2

[illegible] CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4221 KUSAN, KOREA — 57-76 — OCT

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1500-1700

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.8	3.3	2.0	.2							7.6	8.0
NNE	.6	1.3	1.0	.1								3.0	5.1
NE	.9	1.4	1.5	.2	.1							3.8	7.3
ENE	.2	.8	.5	.5								1.9	7.3
E	.7	.2	.1	.1								1.1	4.1
ESE	.3	.3	.7	.1								1.5	6.4
SE		.2	.2									.5	7.0
SSE	.1	.1	.3									.6	6.4
S	.3	.3		.2	.3							1.3	9.1
SSW	.1	.3	.2	.9	.1							1.7	10.6
SW	.5	.3	.5	.2	.1							1.6	7.1
WSW	.3	.2	.9	.2								1.7	7.9
W	.7	3.4	2.6	.3	.3	.1						7.5	7.2
WNW	1.1	3.7	5.6	1.4		.1						12.1	7.2
NW	.5	5.9	11.4	5.4	.5	.3						24.0	9.0
NNW	.9	4.1	8.1	8.7	2.5	.7						25.0	10.7
VARBL	.7	.9	.2									1.8	4.3
CALM												1.8	
	8.7	25.5	37.5	21.0	4.2	1.3						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 875

1

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43214 — STATION
KUNSAN AM KOREA — STATION NAME
67-76 — 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	5.9	9.1	5.0	2.4		.1						22.5	5.6
NNE	3.0	3.3	.5									6.8	3.9
NE	1.2	2.5	.3	.1								4.2	4.4
ENE	1.0	1.0	.3	.5								2.8	5.5
E	1.2	.7	.5	.1								2.5	4.2
ESE	.5	.2	.3									1.0	5.1
SE	.1		.1									.2	5.5
SSE		.2	.2									.5	7.0
S	.1	.1	.3	.1								.7	7.7
SSW	.3		.2	.6	.1							1.2	9.6
SW	.1	.5	.8	.1	.1							1.6	8.1
WSW	.5	1.1	.2	.1								1.9	5.1
W	.1	1.1	.8	.3	.1	.1	.1					2.7	9.5
WNW	1.0	2.0	1.8	.6								5.4	6.4
NW	1.8	3.6	3.7	2.4	.5	.3						12.3	8.1
NNW	1.9	9.1	6.3	4.5	1.1	.3						23.4	8.1
VARBL	.1	.2										.9	2.9
CALM												9.5	
	19.5	34.9	21.4	11.7	1.9	.2	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 886

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 — STATION
KUNSAN AB KOREA — STATION NAME
67-76 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	5.9	2.0	1.1	.1							12.5	5.3
NNE	5.6	4.4	.4	.1								10.6	3.6
NE	3.6	4.2	.9									8.7	3.9
ENE	3.1	2.0	.6	.2								5.9	3.4
E	6.8	4.8	.8									12.3	3.5
ESE	1.2	1.3	.1									2.7	3.8
SE	.7	1.0	.4									2.1	4.8
SSE	.4	.2	1.2	.1								2.0	6.8
S	.4	.3	.1		.1							1.0	5.9
SSW		.6		.2								.8	7.0
SW	.4	.4		.4			.1					1.4	8.2
WSW	.1	.1	.3	.1								.7	7.8
W	.1	.7	.7									1.4	6.0
WNW	.3	.3	.9	.1								1.7	6.3
NW	.8	1.1	1.0	1.7	.2	.4	.2					5.5	10.7
NNW	1.0	2.6	2.7	1.9	1.4	.2	.1					9.9	10.0
VARBL	1.3	.1										1.4	2.2
CALM												10.5	
	29.3	30.1	12.1	6.0	1.9	.7	.4					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321	KUNSAN AB KOREA	71-76	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

ALL
HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.4	2.8	1.7	.2	.0						10.0	7.1
NNE	2.2	2.9	1.2	.2								6.5	4.3
NE	2.8	4.0	1.5	.4	.1							8.7	5.0
ENE	2.7	3.3	1.1	.2								7.4	4.5
E	5.2	7.7	1.7	.1								14.7	4.3
ESE	1.5	3.1	.6	.1								5.3	4.6
SE	.5	.9	.4	.1	.0							1.9	5.2
SSE	.2	.5	.4	.0								1.1	6.1
S	.4	.4	.2	.1	.1							1.3	6.5
SSW	.1	.3	.3	.4	.1	.1	.0					1.3	10.3
SW	.3	.4	.4	.2	.0	.0	.0	.0				1.3	7.9
WSW	.2	.5	.4	.1	.0		.0					1.3	6.7
W	.3	1.5	1.1	.4	.1	.0	.0					3.6	7.4
WNW	.4	1.2	2.1	.7	.1	.0	.1					4.6	8.3
NW	.5	1.6	3.1	2.1	.5	.2	.1					9.3	9.9
NNW	.6	2.4	3.0	3.0	1.3	.3	.0					11.7	10.5
VARBL	1.1	1.1	.2	.0	.0							2.5	4.4
CALM												9.3	
	20.9	35.2	20.7	10.5	2.5	.7	.3	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7077

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43211 KUNSAN AB KOREA 67-76 JAN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.8	2.7	3.5	.4							11.8	7.9
NNE	2.3	2.1	1.3	.5								6.2	5.3
NE	5.5	3.4	.8									9.7	3.5
ENE	3.3	3.2	.9	.1								7.1	4.1
E	7.2	9.2	.9									17.4	3.9
ESE	2.9	6.3	.7	.1								10.0	4.3
SE	.9	1.4	1.4	.1								3.9	5.8
SSE	.8	1.2	1.4									3.4	5.0
S	.2	.7	.4	.2								1.8	7.7
SSW		.4	.1	.4	.1	.1						1.1	12.1
SW			.5	.1								.6	9.4
WSW			1.2		.1							1.3	9.6
W			.5	.5	.5	.5						1.9	15.9
WNW			.2	.8	.2	.2						1.8	16.8
NW	.1		.6	1.4	1.6	1.6						5.6	17.1
NNW	.2	.5	1.3	1.5	.2	.4						4.1	11.4
VARBL	.7	.2										.9	2.3
CALM												11.7	
	26.7	31.3	14.7	9.5	3.2	3.6						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 857

1

2

[illegible] CLIMATIC BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 — STATION
K-16 [illegible] AB, KOREA — STATION NAME
1-70 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
— CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	3.7	2.4	.2							9.8	8.5
NNE	1.3	2.4	1.4	.6	.1							6.6	6.0
NE	4.1	3.9	1.2	.3								9.6	4.5
ENE	4.0	4.3	.8									9.1	3.8
E	8.6	12.7	2.6									23.9	4.3
ESE	2.6	5.2	1.7	.1								9.7	4.7
SE	.6	1.3	.5	.1								2.4	5.4
SSE	.1	.5	1.6									2.2	7.4
S	.2	.5	.3	.2	.1							1.4	8.2
SSW	.1	.1	.5	.5								1.2	8.9
SW			.5	.2								.7	10.5
WSW		.3	.6		.1							1.0	8.3
W			1.0	1.0	.1	.1						2.3	12.3
WNW		.2	.3	.8	.5	1.2	.2					3.2	18.1
NW		.3	.2	.9	1.2	.6						3.5	16.7
NNW	.2	.5	.7	1.5	.7	.1						3.7	12.0
VARBL	1.5	.3	.1									2.0	2.8
CALM												7.9	
	25.1	34.9	17.7	9.0	3.0	2.2	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 864

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

43219 (STATION) KUNSAN AB KOREA (STATION NAME) 7-76 (YEARS) (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.6	3.4	1.8								7.8	8.1
NNE	1.3	2.0	1.3	1.2								5.8	6.7
NE	3.1	4.7	1.4	.2								9.4	4.5
ENE	5.3	5.1	.8									11.2	3.9
E	9.5	15.9	5.1									30.5	4.6
ESE	2.1	5.1	2.4	.1								9.7	5.0
SE	.6	1.1	.6	.1								2.4	5.7
SSE	.1	.1	1.0	.2								2.1	8.7
S	.1	.1	.7	.4								1.2	8.0
SSW		.4	.6	.5								1.4	10.0
SW		.2	.5	.1								.8	8.7
WSW			.4		.1							.5	11.0
W		.4	1.2	.9	.5	.1						3.1	11.7
WNW	.1	.1	.6	.6	.2	.5						2.1	13.7
NW		.4	.9	.5	1.3	1.2						4.2	16.3
NNW			.7	1.2	.2	.1						2.2	13.4
VARBL	.9	.1										1.1	2.4
CALM												4.6	
	24.1	37.2	22.1	7.7	2.4	1.9						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 849

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 KUNSAN AB KOREA 67-76 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.9	4.7	1.7	.2							9.4	8.4
NNE	.2	1.7	2.2	1.1								5.2	7.6
NE	1.0	3.9	2.2	.4								7.3	6.0
ENE	1.6	2.9	2.4	.2								7.1	5.4
E	5.4	9.0	5.2									19.6	4.9
ESE	1.6	9.5	3.7	.2								15.0	5.6
SE	.5	1.8	.8	.2								3.4	5.9
SSE	.6	1.1	1.2	.5								3.4	6.8
S	.2	.2	.7	1.4								2.6	10.0
SSW	.1	.1	.8	.5								1.6	9.2
SW		.1	.6	.2								1.0	9.8
WSW	.1		.4									.5	7.0
W		.4	.6	.4	.4							1.7	10.5
WNW		.1	.2	1.1	.6	.6						2.9	16.7
NW	.1	.2	1.7	1.2	1.0	1.1	.1					5.4	14.8
NNW		.7	2.2	2.5	1.3	.4						7.1	12.9
VARBL	2.3	1.4	.2	.2								4.2	4.3
CALM												2.6	
	14.6	35.1	29.8	11.9	3.5	2.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 831

1 DATA PROCESSING BRANCH
2 ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

43217 KUNSAN AB KOREA 67-76 JUN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	1.7	3.0	.6							6.4	10.6
NNE	.7	1.2	1.3	1.0								4.2	7.5
NE	.5	1.3	1.6	.6								4.0	6.9
ENE	.7	1.1	1.0	.1								2.9	5.5
E	1.2	2.4	1.5									5.1	5.1
ESE	2.4	2.3	.7									5.4	4.2
SE	1.1	1.7	1.7									4.5	5.8
SSE	1.0	1.3	.4	.2								2.9	5.1
S	1.1	1.6	1.3	1.1	.1							5.2	7.1
SSW	.1	1.0	2.2	1.7	.6							5.6	10.2
SW	.7	1.3	.5	.4								2.9	6.0
WSW	.6	1.1	.5	.1								2.3	5.0
W	1.6	2.2	1.2	.7	.1	.2						6.1	6.6
WNW	.7	1.1	1.5	1.2	1.1	1.1	.2					6.9	12.8
NW	.5	1.7	3.6	2.7	2.3	1.1						11.9	12.1
NNW	.1	1.2	4.4	5.3	2.4	1.0						14.4	12.7
VARBL	3.3	2.2	.2	.7								6.4	4.6
CALM												2.9	
	16.7	25.4	25.2	18.9	7.3	3.4	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 826

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47217 KUNSAN AB KOREA 67-76 6
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	4.4	4.0	.5							12.1	9.4
NNE	.6	1.3	1.8	.8								4.6	7.4
NE	.6	1.4	.7	.2								3.0	5.8
ENE	.3	1.1	.8									2.2	5.3
E	.6	1.1	.2									1.9	4.6
ESE	.2	1.0	.2									1.4	5.0
SE	.4	.6	.4									1.3	4.8
SSE	.2	.7	.1	.1								1.2	5.2
S	.4	1.4	1.4	.8								4.1	7.4
SSW	.2	.7	2.0	1.8	.6							5.4	10.4
SW	.4	1.0	.6	.1								2.0	5.8
WSW	.6	1.7	.6	.1								3.2	5.3
W	1.0	1.8	1.4	.8	.2	.1						5.4	8.0
WNW	.8	2.3	2.5	1.6	1.6	.2	.4					9.3	10.5
NW	1.0	2.3	3.7	2.9	1.6	.6	.4					12.3	11.1
NNW	.8	3.5	5.5	6.2	2.5	.8						19.4	11.2
VARBL	2.4	.2										2.6	2.4
CALM												7.9	
	12.0	24.3	26.8	19.5	6.9	1.8	.7					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 835

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47211 — STATION
KUNSAN AB KOREA — STATION NAME
77-76 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
1300-2000 — HOURS (L S T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	5.4	6.1	2.9	.5							18.2	7.1
NNE	1.9	2.9	2.2	.8								7.8	6.1
NE	2.6	2.7	1.6	.1								7.0	4.6
ENE	1.6	.9	.4	.1								3.2	3.9
E	1.8	2.0	.1									3.9	3.6
ESE	.4	1.2	.5									2.0	4.9
SE	.6	1.2	.5	.2								2.5	5.5
SSE	.8	.7	.5	.1								2.1	5.3
S	.9	1.1	1.6	.6								4.1	6.7
SSW		.5	.7	.2								1.4	8.1
SW	.6	.2	.6	.4								1.8	7.1
WSW	.1	.4	.5	.1	.1							1.2	7.9
W	.5	.8	.7	1.2	.4	.4						3.9	10.9
WNW	.2	.8		.6	.8	.1	.1					2.9	12.8
NW	.7	1.1	1.6	2.3	1.1	.2	.5					7.7	12.9
NNW	2.1	3.5	3.5	3.5	1.9	.6	.1					15.2	10.0
VARBL	.9	.2										1.2	2.6
CALM												14.0	
	19.0	25.6	21.1	13.5	4.7	1.5	.7					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 853

2

AIR WEATHER SERVICE/MAC
TECHNIQUES
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 STATION | KANSAS AT KEFLA STATION NAME | 67-76 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	3.9	3.6	3.1	2.0	.5							13.1	7.2
NNE	4.2	3.2	1.3	.1								8.8	4.0
NE	5.5	3.2	.8	.3								9.8	3.9
ENE	3.0	.6	.8									4.4	3.8
E	6.3	4.6	.6									11.5	3.6
ESE	2.8	2.9	.8									6.5	4.2
SE	.7	1.6	1.2	.1								3.6	5.9
SSE	.9	1.3	1.5									3.7	5.6
S	1.0	1.0	.7	.5	.1							3.4	6.4
SSW	.1	.3	.3	.6								1.4	8.9
SW	.2	.1		.1								.5	6.0
WSW		.1	.2	.7								1.0	11.2
W			.8	.1	.5							1.4	12.8
WNW			.8	.5	.7	.6	.1					2.8	16.1
NW		.3	.6	2.6	1.2	1.0	.2					6.4	15.7
NNW	.7	.6	.8	2.0	.9	.8						5.8	12.9
VARBL	1.0	.2										1.3	2.5
CALM												14.6	
	29.8	23.9	14.6	10.4	3.8	2.4	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 862

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 — KANSAS AF NEB — 47-76 — JAN
STATION — STATION NAME — YEARS — MONTH

ALL WIND — ALL
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.6	3.7	2.7	.4							11.1	8.2
NNE	1.7	2.1	1.6	.8	.0							6.2	6.1
NE	2.9	3.1	1.3	.3								7.5	4.7
ENE	2.6	2.4	.9	.1								6.0	4.4
E	5.1	7.2	2.0									14.3	4.4
ESE	1.9	4.2	1.3	.1								7.5	4.8
SE	.7	1.3	.9	.1								3.0	5.7
SSE	.6	.9	1.0	.1								2.6	6.2
S	.5	.8	.9	.7	.0							2.9	7.5
SSW	.1	.4	.9	.6	.2	.0						2.3	9.9
SW	.2	.4	.5	.2								1.3	7.2
WSW	.2	.4	.6	.1	.1							1.4	7.2
W	.4	.7	.9	.7	.3	.2						3.2	10.0
WNW	.2	.6	.6	.9	.7	.6	.1					4.0	13.6
NW	.3	.8	1.7	1.8	1.4	1.0	.1					7.1	13.8
NNW	.5	1.3	2.4	2.9	1.3	.5	.0					8.9	11.7
VARBL	1.6	.6	.1	.1								2.4	3.6
CALM												8.3	
	21.1	29.7	21.4	12.5	4.3	2.3	.3					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 6782

2

[illegible]
[illegible]
[illegible]

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

[illegible] CLASS [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.8	2.4	3.0	.6	.1						10.7	9.[illegible]
NNE	1.4	2.3	2.3	.3								6.4	6.[illegible]
NE	2.8	4.2	1.4									[illegible].4	4.4
ENE	4.2	3.7	.4	.1								8.4	3.7
E	6.6	7.5	1.9									16.1	4.1
ESE	2.8	4.7	2.6									10.2	5.1
SE	1.7	2.0	1.3	.3								[illegible].3	5.[illegible]
SSE	.8	1.4	1.0		.1							[illegible].3	5.[illegible]
S	.6	.6	.4	.1								1.7	5.9
SSW		.2	.2	.4	.1							1.0	10.2
SW	.1		.3	.4	.1							1.0	10.7
WSW	.1		.3	.1								.6	8.2
W			.9	.9	.7	.3						2.8	14.6
WNW	.2	.4	.3	1.7	.8	.1	.2					3.8	13.7
NW	.1	.3	1.2	.7	.9	.9	.1					4.2	14.9
NNW	.4	.4	1.2	.9	1.1	.6	.1					4.8	13.3
VARBL	1.3											1.3	2.3
CALM												10.1	
	24.0	30.6	19.6	9.0	4.3	2.0	.4					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47212 (STATION) KUNSAN AB KOREA (STATION NAME) 67-70 (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	1.3	2.5	3.6	2.0	.8	.4						11.4	9.4
NNE	1.2	2.1	2.0	.6								5.7	6.1
NE	2.3	3.5	1.1	.2								7.2	4.7
ENE	3.8	4.1	2.0	.1								10.1	4.5
E	5.6	10.5	3.0									19.1	4.5
ESE	3.2	5.4	2.1	.2								11.0	5.1
SE	.8	1.8	1.0	.5								4.3	6.5
SSE	.3	.4	1.2	.2								2.2	7.2
S		.4	.2									.7	6.8
SSW		.7	.8	.8								2.2	9.1
SW	.2		.2	.1								.6	7.2
WSW			.1	.1			.1					.3	17.3
W	.2	.2	.2	.8	.6	.4	.2					2.7	15.4
WNW	.1	.2	.2	.9	.6	.6						2.2	15.0
NW	.1	.6	.8	1.1	1.3	.1			.1			4.1	13.8
NNW	.3	.6	1.5	1.7	.8	.6						5.3	12.1
VARBL	.6	.2										.8	2.8
CALM												9.2	
	20.0	33.2	21.3	10.2	4.0	1.7	.3		.1			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 894

2

[illegible]
[illegible]
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

47213	KUNSAN AB, KOREA	67-76	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0000-0800
HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	2.5	2.7	.6	.6						7.5	10.4
NNE	.6	2.7	3.6	.3								7.3	6.6
NE	2.0	3.1	1.6	.6								7.3	5.1
ENE	3.0	7.2	2.6									12.9	5.0
E	5.1	12.6	5.3	.3								23.4	5.2
ESE	2.3	6.4	2.4	.1								11.7	5.0
SE	.8	1.4	1.5	.3								4.0	6.3
SSE		1.1	1.0	.2								3.0	7.3
S	.1	.9	.1	.2								1.4	6.3
SSW		.7	.1	.3	.1							1.2	8.5
SW	.1		.2	.3	.1							.8	10.1
WSW	.1	.1										.2	3.5
W		.3	.2	.6		.1		.1				1.4	13.6
WNW	.1	.1	.2	1.2	1.1	.2	.1	.2				3.4	17.2
NW	.1	.2	.8	.5	.8	.3						2.8	14.2
NNW	.1	.9	1.5	1.5	.3	.6	.1					5.0	12.2
VARBL	.6	.3										1.1	2.9
CALM												6.0	
	16.2	39.0	24.5	9.0	3.1	1.6	.2	.3				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 881

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 (STATION) KUNSAN AB KOREA (STATION NAME) 67-76 (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	.5	1.3	3.8	2.6	.3	.1						8.8	9.7
NNE	1.0	2.2	2.2	.6								6.2	6.9
NE	1.0	3.0	3.2	.3								7.6	6.4
ENE	2.2	4.0	2.2									8.4	5.0
E	3.7	11.4	6.2	.1								21.4	5.5
ESE	2.5	6.9	5.0	.6								15.0	5.7
SE	.5	1.6	2.2	.1								4.4	6.5
SSE	.5	1.2	1.4	.5								3.5	6.7
S	.3	.6	.8	.2	.1							2.1	7.7
SSW		.6	.1	.1								.8	6.8
SW		.1	.1	.1								.3	8.3
WSW				.3								.3	14.0
W	.2	.2	.2	1.0	1.0	.4		.1				3.1	14.9
WNW		.1	.6	.6	1.0	.3						2.9	15.4
NW	.1	.2	.3	1.8	.9	.2						3.7	14.3
NNW	.1	.2	.8	2.3	.9	.7	.1					5.2	14.0
VARBL	1.7	1.4	.1	.1								3.3	4.1
CALM												3.0	
	14.4	35.0	29.3	12.1	4.4	1.6	.1	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 808

2

AIR PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4421 — STATION
KUNSAN AB KOREA — STATION NAME
-76 — YEARS
— MONTH
ALL MONTHS — CLASS
1200-1400 — HOURS (L S T)
— CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.5	3.1	3.6	.3	.2						10.8	9.3
NNE	.7	2.5	1.6	.6								5.4	6.2
NE	.7	1.5	1.4									3.6	5.5
ENE	.7	1.8	1.4									3.9	5.3
E	3.0	5.5	2.0	.1								10.6	4.7
ESE	2.0	4.4	2.4	.2								9.0	5.5
SE	.9	2.4	1.5	.2								5.1	5.3
SSE	.6	1.3	.9	.3								3.3	5.8
S	1.0	1.6	2.0	.3	.2							5.2	6.9
SSW	.1	.5	.5	1.4	.1							2.5	10.3
SW	.2	.3	.3	.1	.1							1.2	7.4
WSW	.6	.5		.2	.3							1.6	8.5
W	.6	.9	.7	.3	.9	.7	.1					4.3	12.5
WNW	.5	.7	.8	.9	.6	.2	.3					4.0	12.7
NW	.5	.9	1.3	3.1	3.1	.7	.1					9.7	14.2
NNW	.2	.7	1.2	4.6	2.5	.7	.1					10.0	14.7
VARBL	2.8	2.9	.5	.1	.2							6.4	4.6
CALM												3.5	
	16.2	31.0	21.4	16.2	8.5	2.5	.7					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 869

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47211 (STATION) KUNSAN AB KOREA (STATION NAME) 67-76 (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	3.7	4.6	4.5	.3	.2						13.8	9.4
NNE	.6	1.0	1.1	.3	.1							3.2	7.0
NE	1.3	.7	1.0	.1								3.1	5.0
ENE	1.4	.7	.1									2.2	3.3
E	2.5	2.5	.3									5.4	3.7
ESE	1.4	1.6	.3									3.3	4.3
SE	1.1	1.6	.7	.5								3.9	5.4
SSE	.5	1.0	.8	.3								2.6	6.5
S	.9	1.7	1.5	.2								4.4	6.3
SSW	.6	1.3	1.8	.6								4.2	7.5
SW	.8	.2	.6	.2	.1							1.9	6.9
WSW	.5	.5	.5	.7								2.1	8.4
W	1.0	1.1	1.1	1.0	.9	.7						6.0	11.2
WNW	.7	.9	1.9	1.3	.7	.5	.3					6.3	11.5
NW	1.5	1.9	3.6	2.6	1.8	.2	.3					12.7	11.5
NNW	.6	1.1	4.6	5.8	3.1	.9	.1					16.3	12.8
VARBL	1.1	.3		.1	.1							1.7	4.7
CALM												6.9	
	16.9	22.0	24.7	18.3	7.2	3.2	.8					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 872

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4324 — STATION
KUNSAN AB KOREA — STATION NAME
57-76 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
1500-2000 — 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	2.7	5.1	5.4	2.6	1.3	.2						17.4	8.1
NNE	2.3	4.2	3.0	.5								10.0	5.7
NE	2.5	1.3	.3									4.1	3.7
ENE	1.9	1.4	.2									3.5	3.5
E	2.9	2.2	.7	.1								5.8	4.0
ESE	2.2	1.4	.3	.2								4.1	4.0
SE	1.3	1.6	1.3	.2								4.3	5.7
SSE	.1	2.5	.7	.5								3.8	6.5
S	.6	.9	.1	.3								2.2	4.9
SSW	.5	.3	.6	.5								1.8	7.6
SW	.1		.5	.1								.7	8.3
WSW		.3	.1	.5								.9	10.1
W	.3	.9	1.0	1.6	.3	.1						4.3	10.5
WNW	.6	.3	.3	.9	.7	.6	.2					3.7	14.0
NW	.6	.9	1.8	2.9	1.1	.9	.1					8.4	12.9
NNW	.7	1.7	3.4	3.5	.9	1.3						11.6	11.7
VARBL	.7	.5		.1								1.3	4.1
CALM												12.1	
	20.1	25.6	19.8	14.5	4.3	3.1	.3					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 874

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

4321 — STATION
KUNSAN AB KOREA — STATION NAME
67-76 — 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	2.7	3.0	3.4	1.9	.6							11.5	7.5
NNE	2.7	2.6	1.7	.2								7.2	4.5
NE	4.5	2.6	1.5									8.5	4.1
ENE	3.6	3.0	.4									7.3	3.7
E	6.1	5.1	1.0									12.3	3.8
ESE	1.9	2.2	1.3									5.5	4.8
SE	1.8	3.1	1.3	.7								6.9	5.7
SSE	.7	1.8	1.0		.1							3.6	5.8
S		.1	.3	.4								.9	9.1
SSW	.2		.3	.7								1.2	10.4
SW	.1	.1	.6	.2	.1							1.1	9.4
WSW		.2	.1	.2								.6	8.6
W	.3	.1	.8	.7	.3							2.2	10.6
WNW	.2	.6	.6	2.3	.3	1.2						5.3	14.1
NW	.1	.6	.4	1.8	1.1	.8	.3					5.1	15.8
NNW	.7	.4	1.2	2.3	1.0	.6						6.3	12.3
VARBL	1.2	.2		.1								1.6	3.6
CALM												13.1	
	27.0	25.8	16.0	11.6	3.6	2.6	.3					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 895

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

432[illegible]	KUNSAN AB KOREA	67-76	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.7	3.7	3.0	.6	.2						11.5	9.0
NNE	1.3	2.5	2.3	.5	.0							6.5	6.2
NE	2.2	2.5	1.4	.1								6.2	4.8
ENE	2.6	3.2	1.2	.0								7.1	4.5
E	4.5	7.2	2.0	.1								14.3	4.6
ESE	2.4	4.1	2.1	.2								8.7	5.1
SE	1.1	1.9	1.4	.3								4.8	5.9
SSE	.3	1.3	1.1	.3	.0							3.2	6.4
S	.5	.9	.7	.2	.0							2.3	6.6
SSW	.2	.5	.6	.6	.0							1.9	8.7
SW	.2	.1	.4	.2	.1							.9	8.4
WSW	.2	.2	.1	.3	.0		.0					.8	9.2
W	.3	.5	.7	.9	.6	.3	.0	.0				3.3	12.6
WNW	.3	.4	.6	1.3	.7	.4	.2	.0				3.9	14.0
NW	.4	.7	1.3	1.8	1.4	.6	.1		.0			6.3	13.5
NNW	.4	.8	1.9	2.6	1.3	.7	.1					8.0	12.9
VARBL	1.3	.7	.1	.1	.0							2.2	4.3
CALM												8.0	
	19.4	30.3	22.0	12.6	4.9	2.3	.4	.1	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7056

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

47211 KUNSAN AB KOREA 57-77 ALL
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	2.4	1.4	.2	.1			.0			7.7	7.0
NNE	1.1	1.6	1.2	.4	.0							4.3	5.3
NE	1.5	2.2	1.6	.4	.0	.0						5.8	5.8
ENE	1.8	2.0	1.1	.2	.0	.0						5.1	5.1
E	3.4	4.3	1.4	.2	.0							9.4	4.5
ESE	1.4	2.6	1.0	.2	.0	.0	.0					5.3	5.1
SE	.7	1.3	.9	.3	.0	.0	.0	.0				3.2	6.1
SSE	.4	.9	.8	.3	.1	.0	.0					2.6	7.1
S	.5	.9	.7	.7	.2	.0	.0		.0			3.1	8.1
SSW	.3	.8	1.2	1.2	.3	.1	.0	.0				3.9	9.7
SW	.4	.9	1.2	.8	.1	.0	.0	.0				3.5	8.4
WSW	.5	1.0	1.0	.5	.1	.0	.0					3.0	7.2
W	.9	2.2	2.2	.7	.2	.1	.0	.0				6.4	7.5
WNW	.6	1.7	2.5	.9	.3	.2	.0	.0	.0			6.3	8.6
NW	.6	1.6	2.8	2.1	.7	.3	.1	.0	.0			8.1	10.1
NNW	.8	1.8	2.7	3.0	.9	.3	.0					9.5	10.3
VARBL	1.6	1.1	.1	.1	.0	.0						2.9	3.7
CALM												9.9	
	18.2	29.5	24.8	13.3	3.2	1.0	.1	.0	.0			100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 83067

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4321 (STATION) KANSAS AP KCEF (STATION NAME) 73-77 (YEARS) ALL (MONTH)

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

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	2.2	1.0	.3	.1						6.8	8.4
NNE	.7	1.5	1.7	.6	.1							4.6	7.1
NE	1.3	2.2	1.2	.2	.0							5.2	5.9
ENE	1.5	1.8	1.2	.2								4.7	5.1
E	3.0	4.1	1.2	.3								8.5	4.7
ESE	1.3	1.8	1.0	.1								4.3	5.1
SE	.6	.8	.2	.1	.0	.0						2.1	5.9
SSE	.5	.6	.4	.1	.0							1.7	5.0
S	.6	.8	.5	1.0	.3	.0			.0			3.3	9.1
SSW	.5	1.0	2.0	2.1	.5	.2	.0	.0				6.3	10.2
SW	.7	1.5	2.2	2.1	.3	.1	.0					7.0	9.4
WSW	.6	1.8	1.5	1.0	.2	.0						5.1	7.9
W	1.0	2.5	2.5	1.1	.2	.1	.0	.0				7.5	7.6
WNW	.6	1.6	2.0	.6	.3	.2	.1	.1	.0			5.8	9.4
NW	.7	1.6	1.7	1.8	.9	.4	.1	.0				7.3	11.0
NNW	.6	1.5	1.8	2.0	.9	.3	.0					7.2	10.6
VARBL	2.1	1.3	.0	.0								3.5	3.5
CALM												9.2	
	17.4	28.0	23.7	15.5	4.2	1.2	.3	.1	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 6020

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 1948. 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	≥ 1⅞	≥ 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.

S74-29964

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES

CEILING FEET	≥ 30	30	25	24	23	22	21	20	19	18	17	16	15	14	13
NO CEILING															
≥ 20000															
20000															
15000															
12000															
10000															
9000															
8000															
7000															
6000															
5000															
4500															
4000															
3500															
3000															
2500															
2000															
1800															
1600															
1400															
1200															
1000															
900															
800															
700															
600															
500															
400															
300															
200															
100															
0															

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼			
≥ 20000																
≥ 15000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

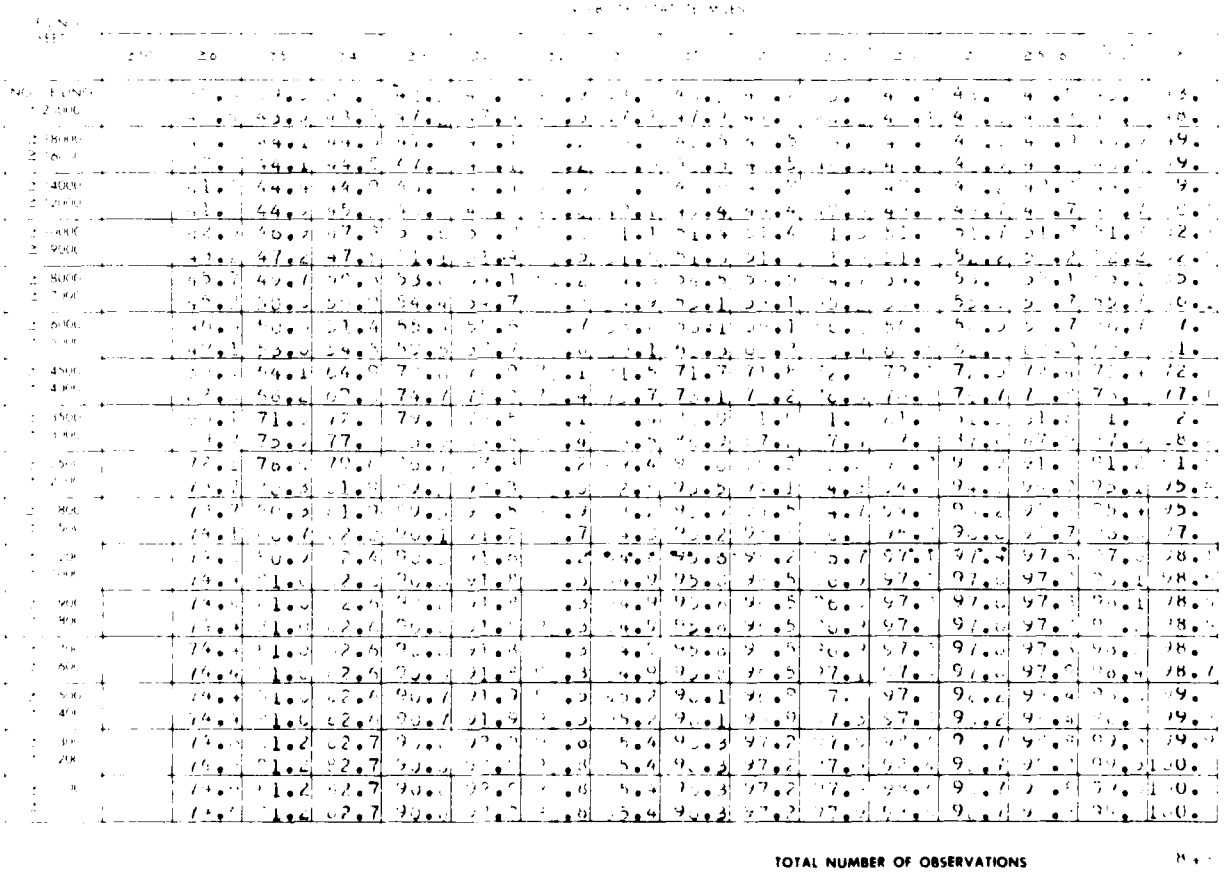
1

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

1

6

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0			
≥ 22000																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING		[illegible]1.[illegible]	5[illegible]	[illegible]	55.7	[illegible]	[illegible].4	[illegible]	[illegible].5	5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥20000		[illegible].7	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].6	[illegible].7	[illegible]	[illegible].7	6[illegible]	[illegible].7	[illegible]	[illegible]
≥18000		[illegible]7.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible].9	[illegible]	[illegible]	[illegible]
≥16000		[illegible]7.	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].7	6[illegible]	[illegible].7	[illegible]	[illegible]
≥14000		[illegible]	[illegible]	[illegible]1.	[illegible]	[illegible]	[illegible].5	[illegible]	[illegible]	[illegible].7	[illegible]	[illegible].7	6[illegible]	[illegible].7	[illegible]	[illegible].4
≥12000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].5	[illegible].7	[illegible]	[illegible].7	6[illegible]	[illegible].7	[illegible]	[illegible].5
≥10000		[illegible]1.	[illegible]4.1	[illegible]	[illegible]	[illegible]7.	[illegible]	[illegible]	[illegible].3	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥9000		[illegible]1.[illegible]	[illegible]	[illegible]	[illegible]7[illegible]	[illegible].2	[illegible]	[illegible]	6[illegible].6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥8000		[illegible]	[illegible].7	[illegible].1	[illegible]	[illegible]	7[illegible].1	[illegible].3	7[illegible].3	[illegible]	[illegible]	[illegible]	7[illegible].4	[illegible].4	7[illegible]	70.[illegible]
≥7000		[illegible]	[illegible]	[illegible]7.4	7[illegible]	[illegible]	7[illegible]	[illegible]1	7[illegible]1	72.2	72.[illegible]	7[illegible]	7[illegible].2	[illegible]	7[illegible]	[illegible]
≥6000		[illegible]3.[illegible]	[illegible]7.[illegible]	[illegible]7.7	71.[illegible]	[illegible]	7[illegible].2	[illegible].5	7[illegible]	72.6	72.[illegible]	7[illegible]	72.[illegible]	[illegible]	7[illegible]	72.
≥5000		[illegible]	[illegible]	[illegible].3	7[illegible].2	[illegible].6	7[illegible]	[illegible].4	7[illegible]	74.4	74.4	74.[illegible]	74.[illegible]	[illegible].4	74.[illegible]	74.[illegible]
≥4500		[illegible]	73.[illegible]	[illegible]	77.[illegible]	77.[illegible]	[illegible]	[illegible].7	7[illegible].7	7[illegible].8	7[illegible]	7[illegible]	7[illegible]	[illegible]	7[illegible]	78.[illegible]
≥4000		[illegible]	70.[illegible]	[illegible]7.3	[illegible]	[illegible].1	[illegible]	[illegible].2	[illegible].2	[illegible].4	[illegible]	[illegible]3.	8[illegible]	[illegible].9	[illegible]	[illegible]
≥3500		74.[illegible]	7[illegible].7	79.2	[illegible]	[illegible]4.4	[illegible].2	[illegible].6	[illegible]	8[illegible].9	[illegible]	[illegible]	8[illegible]	[illegible]	[illegible]	[illegible].6
≥3000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7.4	[illegible].2	[illegible]	[illegible].8	[illegible].1	[illegible]	[illegible]	8[illegible]	[illegible]	[illegible]	[illegible]9.
≥2500		77.	[illegible]	[illegible].7	[illegible]	[illegible].4	[illegible].3	[illegible].9	9[illegible].9	91.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	91.9	9[illegible]	[illegible]	[illegible]2.
≥2000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].7	[illegible].3	[illegible].5	9[illegible].2	[illegible]	[illegible]	9[illegible]	9[illegible]	[illegible]	[illegible]
≥1800		7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1.2	[illegible].9	[illegible].5	9[illegible]	[illegible].4	[illegible]4.[illegible]	94.	9[illegible]	95.[illegible]	[illegible]	[illegible]5.
≥1500		[illegible]	[illegible]5.4	[illegible].1	91.[illegible]	[illegible]2.7	[illegible]	[illegible].3	[illegible]	[illegible].3	[illegible].7	9[illegible].7	9[illegible]	9[illegible].3	[illegible]	[illegible]6.[illegible]
≥1200		[illegible]	[illegible]5.[illegible]	[illegible].5	[illegible]2.[illegible]	[illegible]	[illegible]	[illegible]5.4	9[illegible]	9[illegible].4	[illegible]	9[illegible]	97.[illegible]	97.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]
≥1000		[illegible]	8[illegible]	[illegible]7.[illegible]	92.[illegible]	[illegible]4.4	[illegible].7	[illegible]6.3	9[illegible].5	97.5	[illegible]7.[illegible]	9[illegible]	9[illegible].4	9[illegible]	[illegible]	[illegible]8.7
≥900		[illegible]	86.[illegible]	[illegible]7.2	92.[illegible]	[illegible]4.4	[illegible].7	[illegible]6.3	9[illegible].5	97.5	[illegible]7.[illegible]	9[illegible]	9[illegible].4	9[illegible]	9[illegible]	[illegible]8.7
≥800		[illegible]1.3	[illegible]	[illegible]7.5	[illegible]	[illegible]4.[illegible]	[illegible]1	[illegible]6.6	9[illegible].9	97.8	[illegible]	[illegible]	9[illegible].7	9[illegible]	99.[illegible]	[illegible]9.1
≥700		[illegible]1.[illegible]	[illegible]6.[illegible]	[illegible]7.6	93.4	94.9	[illegible].2	[illegible].8	97.0	97.9	[illegible]8.4	9[illegible]	9[illegible]	99.1	99.[illegible]	[illegible]9.[illegible]
≥600		[illegible]1.4	87.0	[illegible]7.7	93.[illegible]	95.3	[illegible]	[illegible]7.2	97.5	9[illegible].4	[illegible]	9[illegible]	9[illegible]	9[illegible].5	9[illegible]	[illegible]9.[illegible]
≥500		[illegible]1.[illegible]	[illegible]7.[illegible]	[illegible]7.7	9[illegible]	[illegible].4	[illegible]	[illegible]7.3	97.6	9[illegible].5	[illegible]9.[illegible]	[illegible]	99.[illegible]	99.[illegible]	[illegible]9.	[illegible]9.[illegible]
≥400		[illegible]1.4	[illegible]7.[illegible]	[illegible]7.7	[illegible]	9[illegible].4	[illegible]	[illegible]7.3	97.6	9[illegible].5	99.[illegible]	9[illegible]	9[illegible]	9[illegible]	[illegible]	[illegible]9.[illegible]
≥300		[illegible]1.4	[illegible]7.0	[illegible]7.7	9[illegible]	9[illegible].4	[illegible]	[illegible]7.3	97.6	9[illegible].5	[illegible]9.[illegible]	[illegible]	9[illegible]	9[illegible]	[illegible]9.	[illegible]9.[illegible]
≥200		[illegible]1.4	[illegible]7.[illegible]	[illegible]7.7	[illegible]	9[illegible].4	[illegible]	[illegible]7.3	97.6	9[illegible].5	[illegible]9.[illegible]	9[illegible]	9[illegible].2	9[illegible]	[illegible]	[illegible]9.[illegible]
≥100		[illegible]1.[illegible]	[illegible]7.[illegible]	[illegible]7.7	93.[illegible]	[illegible].4	[illegible]	[illegible]7.3	97.6	9[illegible].5	[illegible]9.[illegible]	99.[illegible]	9[illegible]	9[illegible]	[illegible]	1[illegible]0.[illegible]
≥0		[illegible]1.[illegible]	8[illegible]	[illegible]7.7	9[illegible]	[illegible].4	[illegible]	[illegible]7.3	97.6	9[illegible].5	99.1	9[illegible]	9[illegible]	9[illegible]	[illegible]	1[illegible]0.

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼	
≥ 20000														
20000														
≥ 15000														
15000														
≥ 12000														
≥ 10000														
9000														
≥ 8000														
8000														
≥ 7000														
7000														
≥ 6000														
6000														
≥ 5000														
5000														
≥ 4500														
4500														
≥ 4000														
4000														
≥ 3500														
3500														
≥ 3000														
3000														
≥ 2500														
2500														
≥ 2000														
2000														
≥ 1800														
≥ 1600														
≥ 1400														
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
≥ 0														

TOTAL NUMBER OF OBSERVATIONS

1

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY, STATUTE MILES

CEILING, FEET	≥10	10	9	8	7	6	5	4	3	2½	2	1½	1	⅞	½	¼	0
≥ 20000																	
20000																	
≥ 15000																	
15000																	
≥ 12000																	
12000																	
≥ 10000																	
10000																	
≥ 9000																	
9000																	
≥ 8000																	
8000																	
≥ 7000																	
7000																	
≥ 6000																	
6000																	
≥ 5000																	
5000																	
≥ 4500																	
4500																	
≥ 4000																	
4000																	
≥ 3500																	
3500																	
≥ 3000																	
3000																	
≥ 2500																	
2500																	
≥ 2000																	
2000																	
≥ 1800																	
1800																	
≥ 1600																	
1600																	
≥ 1400																	
1400																	
≥ 1200																	
1200																	
≥ 1000																	
1000																	
≥ 900																	
900																	
≥ 800																	
800																	
≥ 700																	
700																	
≥ 600																	
600																	
≥ 500																	
500																	
≥ 400																	
400																	
≥ 300																	
300																	
≥ 200																	
200																	
≥ 100																	
100																	
≥ 0																	

TOTAL NUMBER OF OBSERVATIONS

1

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
≥ 20000																
≥ 15000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION NAME [illegible] YEARS [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING		[illegible]	45.6	45.	40.	[illegible]	[illegible]	[illegible]	40.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.
[illegible]		[illegible]	50.4	[illegible]	53.[illegible]	52.6	[illegible]	[illegible]	54.1	[illegible]	[illegible]	54.1	5[illegible]	54.1	[illegible]	4.
[illegible]		[illegible]	50.9	51.3	53.	53.1	[illegible]	[illegible]	54.5	54.5	[illegible]	54.[illegible]	5[illegible]	54.[illegible]	[illegible]	54.
[illegible]		[illegible]	51.1	51.5	54.0	[illegible].3	[illegible]	[illegible]	54.7	5[illegible].7	[illegible]	[illegible]	5[illegible]	[illegible]	[illegible]	55.
[illegible]		[illegible]	51.[illegible]	51.[illegible]	54.[illegible]	[illegible]	[illegible]	55.2	55.3	55.[illegible]	[illegible]	[illegible]	55.[illegible]	[illegible]	[illegible]	55.
[illegible]		[illegible]	52.2	53.[illegible]	55.[illegible]	[illegible]	[illegible]	55.4	56.4	56.4	[illegible]	[illegible]	5[illegible]	[illegible]	[illegible]	56.
[illegible]		[illegible]	54.2	54.7	57.2	57.[illegible]	[illegible]	[illegible]	5[illegible].3	[illegible]	[illegible]	[illegible]	5[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		51.[illegible]	54.2	55.[illegible]	57.[illegible]	[illegible].1	[illegible]	[illegible].5	5[illegible].2	[illegible]	[illegible]	[illegible]	5[illegible]	5[illegible]	[illegible]	[illegible]
≥ 8000		[illegible]	56.2	56.8	57.[illegible]	[illegible].1	[illegible].3	[illegible].5	[illegible].6	[illegible]	60.7	60.[illegible]	6[illegible].7	[illegible]	[illegible]	[illegible]0.[illegible]
[illegible]		[illegible]	57.4	57.9	61.[illegible]	61.6	[illegible]	[illegible]2.0	62.1	62.2	[illegible]2.2	62.[illegible]	6[illegible]	[illegible].3	62.[illegible]	[illegible]2.[illegible]
[illegible]		[illegible]	57.[illegible]	[illegible].5	61.	62.[illegible]	[illegible]	[illegible]2.7	62.0	62.8	[illegible]	62.[illegible]	62.[illegible]	6[illegible].	[illegible]	[illegible]3.[illegible]
[illegible]		[illegible]	60.7	61.3	65.	65.3	[illegible]	[illegible]	66.0	66.[illegible]	[illegible]5.1	66.1	66.1	6[illegible].2	[illegible]	[illegible]6.[illegible]
[illegible]		[illegible]	67.[illegible]	[illegible]	72.4	72.[illegible]	7[illegible].1	7[illegible].4	73.3	73.6	73.[illegible]	73.7	73.7	[illegible].7	73.[illegible]	73.[illegible]
[illegible]		[illegible]	71.[illegible]	72.[illegible]	76.[illegible]	7[illegible].7	7[illegible].1	77.5	77.7	77.8	77.[illegible]	78.	78.[illegible]	7[illegible].1	76.[illegible]	78.[illegible]
[illegible]		71.1	75.1	75.[illegible]	80.[illegible]	[illegible].1	[illegible].7	[illegible]2.1	82.4	8[illegible]	[illegible]2.[illegible]	[illegible]2.	82.[illegible]	82.9	[illegible]2.[illegible]	[illegible]3.
[illegible]		74.[illegible]	79.3	[illegible].1	85.[illegible]	[illegible]	[illegible]	[illegible]7.[illegible]	87.0	87.8	[illegible]8.[illegible]	[illegible].1	8[illegible]	[illegible].2	[illegible]	[illegible]8.[illegible]
[illegible]		[illegible].7	[illegible]1.3	[illegible]2.1	87.[illegible]	[illegible].4	[illegible].4	[illegible]0.0	[illegible].3	90.6	[illegible]	[illegible]	91.[illegible]	91.[illegible]	91.1	[illegible]1.[illegible]
[illegible]		[illegible]	[illegible]3.1	[illegible]4.1	90.3	91.0	[illegible].2	93.1	93.5	93.9	94.[illegible]	94.[illegible]	94.4	94.5	94.[illegible]	[illegible]4.[illegible]
[illegible]		7[illegible]	[illegible]3.[illegible]	[illegible]4.3	90.[illegible]	91.3	[illegible]	[illegible].5	93.9	94.3	94.[illegible]	94.7	94.9	95.[illegible]	95.[illegible]	95.[illegible]
[illegible]		7[illegible].7	[illegible]3.[illegible]	[illegible]4.[illegible]	91.1	[illegible]2.0	[illegible].3	[illegible]4.3	94.8	95.2	95.[illegible]	95.7	9[illegible]	9[illegible]	[illegible]5.1	[illegible]6.[illegible]
[illegible]		7[illegible]	[illegible]4.[illegible]	[illegible]5.0	91.[illegible]	92.6	[illegible].1	[illegible]5.1	95.7	96.2	96.7	96.[illegible]	97.[illegible]	97.1	97.[illegible]	[illegible]7.[illegible]
[illegible]		73.2	[illegible]4.[illegible]	[illegible]5.2	91.[illegible]	92.9	[illegible].3	[illegible]5.4	96.0	96.6	97.[illegible]	97.1	97.5	97.[illegible]	97.[illegible]	[illegible]7.9
[illegible]		7[illegible]	[illegible]4.[illegible]	[illegible]5.2	91.[illegible]	[illegible]	[illegible].5	[illegible]5.5	96.2	96.8	97.[illegible]	97.[illegible]	97.[illegible]	97.9	9[illegible]	[illegible]8.1
[illegible]		7[illegible]	[illegible]4.4	[illegible]5.3	9[illegible]	[illegible].1	[illegible].0	[illegible]5.7	96.4	97.0	97.[illegible]	97.[illegible]	9[illegible]	9[illegible].1	9[illegible]	[illegible]8.4
[illegible]		7[illegible].4	[illegible]4.4	[illegible]5.4	92.[illegible]	[illegible].2	[illegible].7	[illegible]5.8	96.5	97.1	97.[illegible]	97.7	9[illegible].1	9[illegible].3	9[illegible].4	[illegible]8.5
[illegible]		7[illegible].4	[illegible]4.[illegible]	[illegible]5.5	92.[illegible]	[illegible].3	[illegible].0	[illegible]5.0	96.7	97.3	97.[illegible]	98.[illegible]	9[illegible].4	98.5	9[illegible].7	[illegible]8.[illegible]
[illegible]		7[illegible]	[illegible]4.5	[illegible]5.5	92.[illegible]	[illegible]	[illegible].0	[illegible]6.2	96.9	97.6	[illegible]8.1	98.[illegible]	9[illegible]	9[illegible].9	99.1	99.[illegible]
≥ 400		7[illegible]	[illegible]4.5	[illegible]5.5	92.[illegible]	[illegible].5	[illegible].0	[illegible].3	97.0	97.7	[illegible]8.3	98.[illegible]	9[illegible].0	99.1	99.[illegible]	[illegible]9.4
≥ 300		7[illegible]	[illegible]4.[illegible]	[illegible]5.5	92.4	[illegible].5	[illegible].0	[illegible]6.3	97.1	97.9	98.4	9[illegible]	99.[illegible]	9[illegible].3	99.[illegible]	99.[illegible]
≥ 200		7[illegible]	[illegible]4.[illegible]	[illegible]5.5	92.4	[illegible].5	[illegible].0	[illegible]6.3	97.1	97.9	98.4	9[illegible]	9[illegible]	99.3	99.[illegible]	99.
≥ 100		7[illegible]	[illegible]4.0	[illegible]5.5	92.4	[illegible].5	[illegible].0	[illegible]6.3	97.1	97.9	98.5	98.	99.2	99.3	99.[illegible]	99.[illegible]
≥ 0		7[illegible]	[illegible]4.0	[illegible]5.5	92.4	[illegible].5	[illegible].1	[illegible]6.3	97.1	97.9	98.[illegible]	9[illegible]	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0			
[illegible]																
[illegible]																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 797

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	10	5	4	3	2½	2	1½	1	¾	½	¼	0
25000	51.0	49.3	44.4	44.5	44.3	44.3	44.5	44.5	44.2	44.1	44.2	45.1	45.5	45.
20000	50.2	48.5	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.
15000	47.1	47.4	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.
12000	46.2	47.0	46.7	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.
10000	47.0	47.0	46.9	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.
9000	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
8000	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
7000	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
6000	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
5000	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
4500	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
4000	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
3500	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
3000	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
2500	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
2000	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
1800	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
1600	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
1400	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
1200	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
1000	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
900	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
800	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
700	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
600	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
500	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
400	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
300	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
200	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
100	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.
0	47.0	47.1	47.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

STATION NAME

YEARS

VISIBILITY IN STATUTE MILES

CEILING IN FEET	≥ 7	6	5	4	3	2½	2	1½	1	¾	½	¼	0 (Zero)	CEILING IN FEET
≥ 25000														
≥ 20000														
≥ 15000														
≥ 12000														
≥ 10000														
≥ 9000														
≥ 8000														
≥ 7000														
≥ 6000														
≥ 5000														
≥ 4500														
≥ 4000														
≥ 3500														
≥ 3000														
≥ 2500														
≥ 2000														
≥ 1800														
≥ 1600														
≥ 1400														
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
≥ 0														

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

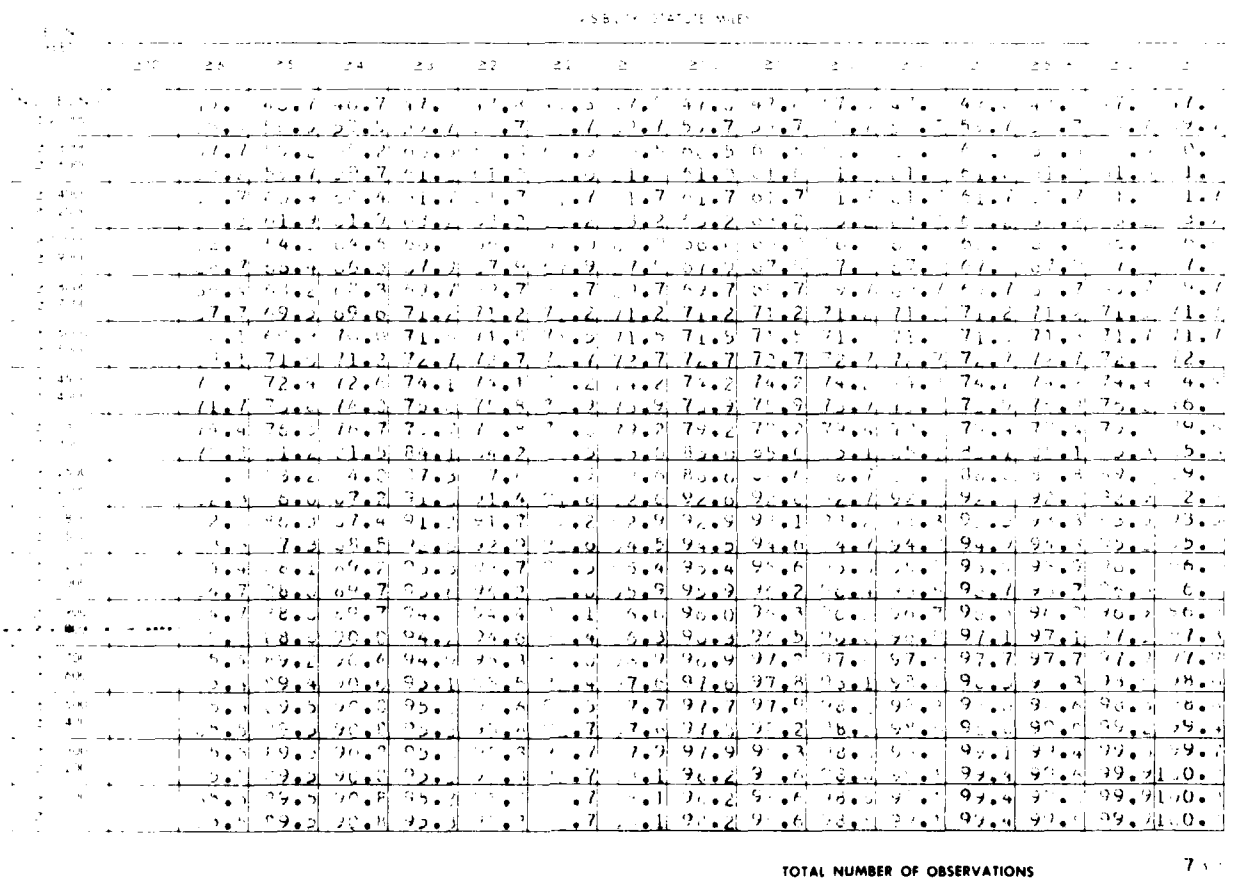
TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

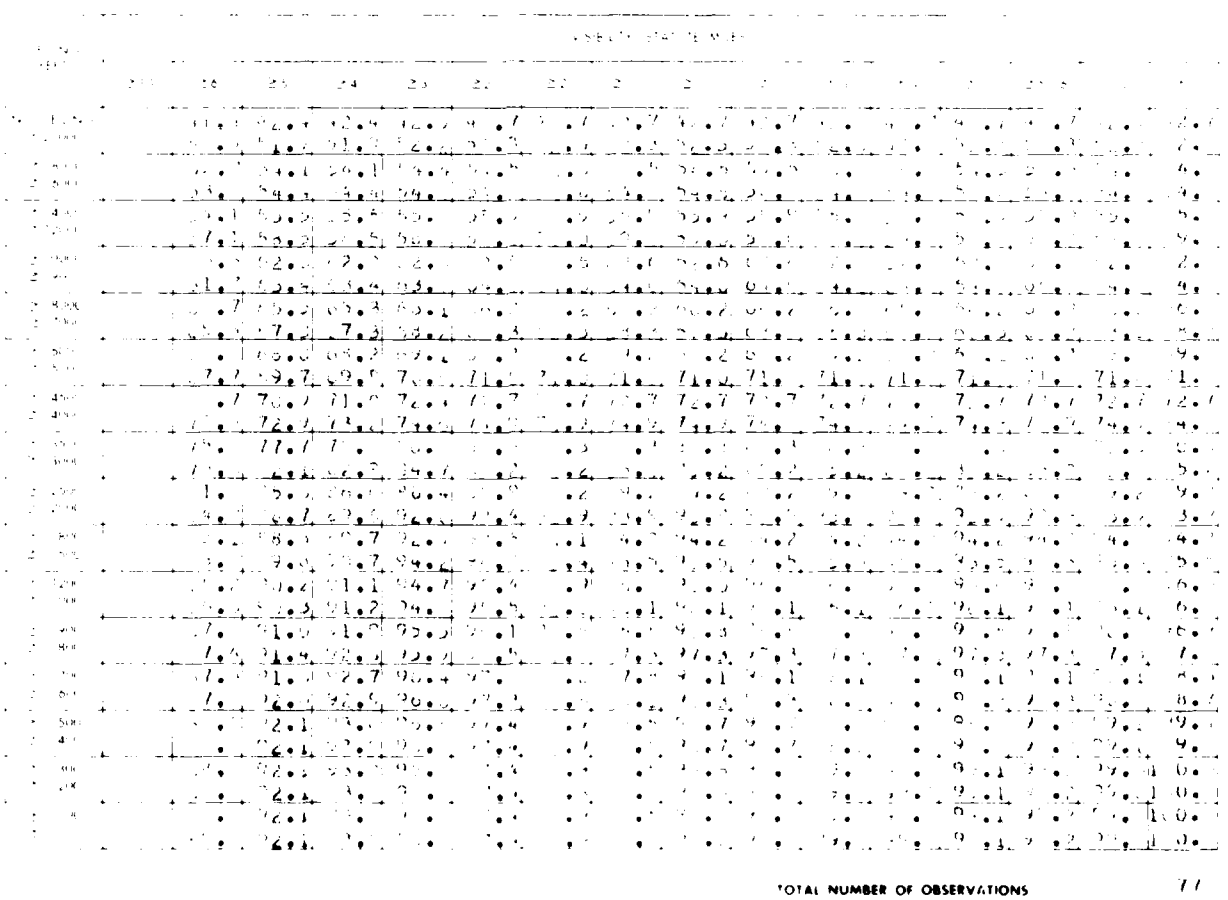


TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	≥10	6	5	4	3	2½	2	1½	1	¾	½	¼	0
20000													
15000													
10000													
9000													
8000													
7000													
6000													
5000													
4500													
4000													
3500													
3000													
2500													
2000													
1800													
1600													
1400													
1200													
1000													
900													
800													
700													
600													
500													
400													
300													
200													
100													

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY - STATUTE MILES

CEILING - FEET	10	9	8	7	6	5	4	3	2	1 1/2	1	1/2	0
12000 & OVER	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
10000	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
9000	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
8000	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
7000	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
6000	53.4	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
5000	59.2	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
4500	59.6	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
4000	61.0	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
3500	62.0	62.3	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
3000	64.1	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
2500	69.2	71.2	71.7	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
2000	71.6	71.7	74.4	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
1500	75.3	75.8	77.1	79.7	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
1000	80.2	81.0	84.0	86.4	87.2	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
900	80.7	84.2	86.6	88.4	89.6	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
800	85.6	88.5	91.3	92.9	93.8	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
700	87.1	90.2	92.9	94.8	95.9	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
600	87.5	90.7	93.4	95.3	96.4	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
500	87.7	90.9	93.6	95.5	96.6	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0
400	87.8	91.0	93.7	95.6	96.7	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
300	87.8	91.0	93.7	95.6	96.7	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
200	87.8	91.0	93.7	95.6	96.7	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100	87.8	91.0	93.7	95.6	96.7	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 7

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	¾	½	¼	0			
≥ 22000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 11000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
< 200																

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
≥ 20000														
20000														
≥ 15000														
15000														
≥ 12000														
12000														
≥ 10000														
10000														
≥ 9000														
9000														
≥ 8000														
8000														
≥ 7000														
7000														
≥ 6000														
6000														
≥ 5000														
5000														
≥ 4500														
4500														
≥ 4000														
4000														
≥ 3500														
3500														
≥ 3000														
3000														
≥ 2500														
2500														
≥ 2000														
2000														
≥ 1800														
1800														
≥ 1600														
1600														
≥ 1400														
1400														
≥ 1200														
1200														
≥ 1000														
1000														
≥ 900														
900														
≥ 800														
800														
≥ 700														
700														
≥ 600														
600														
≥ 500														
500														
≥ 400														
400														
≥ 300														
300														
≥ 200														
200														
≥ 100														
100														
< 100														

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY, STATUTE MILES

CEILING, FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	¾	½	¼	0
≥ 20000													
≥ 15000													
≥ 12000													
≥ 10000													
≥ 9000													
≥ 8000													
≥ 7000													
≥ 6000													
≥ 5000													
≥ 4500													
≥ 4000													
≥ 3500													
≥ 3000													
≥ 2500													
≥ 2000													
≥ 1800													
≥ 1500													
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500													
≥ 400													
≥ 300													
≥ 200													
< 200													

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY IN STATUTE MILES

CEILING IN FEET	≥ 30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
20000																												
18000																												
16000																												
14000																												
12000																												
11000																												
10000																												
9000																												
8000																												
7000																												
6000																												
5000																												
4500																												
4000																												
3500																												
3000																												
2500																												
2000																												
1800																												
1500																												
1200																												
1000																												
900																												
800																												
700																												
600																												
500																												
400																												
300																												
200																												
100																												
0																												

TOTAL NUMBER OF OBSERVATIONS 835

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

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	¾	½	¼	0			
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16500																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
NO CEILING													
≥ 20,000													
≥ 18000													
≥ 16000													
≥ 14000													
≥ 12000													
≥ 10000													
≥ 9000													
≥ 8000													
≥ 7000													
≥ 6000													
≥ 5000													
≥ 4500													
≥ 4000													
≥ 3500													
≥ 3000													
≥ 2500													
≥ 2000													
≥ 1800													
≥ 1500													
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500													
≥ 400													
≥ 300													
≥ 200													
≥ 100													
≥ 0													

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	2	1½	1	¾	½	¼	0		
NO CEILING		63.5	63.5	63.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000		86.9	86.9	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000		70.5	70.5	71.0	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000		71.1	71.1	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
≥ 14000	71.0	72.0	72.2	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 12000	72.0	72.9	73.2	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	74.4	75.3	75.3	76.2	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	74.8	75.7	75.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	77.0	79.1	79.1	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	77.4	80.2	80.5	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 6000	79.4	82.7	82.9	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	80.2	83.1	83.3	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
≥ 4500	81.1	84.7	84.9	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
≥ 4000	81.4	85.0	85.2	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	83.1	87.0	87.2	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 3000	83.4	87.4	87.6	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 2500	87.1	91.0	91.2	92.9	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5
≥ 2000	87.4	91.4	91.6	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9
≥ 1800	88.3	92.3	92.5	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.7	94.7
≥ 1500	88.6	92.6	92.8	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0
≥ 1200	89.4	93.4	93.6	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8
≥ 1000	89.8	93.8	94.0	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2
≥ 900	90.0	94.0	94.2	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4
≥ 800	90.2	94.2	94.4	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6
≥ 700	90.4	94.4	94.6	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8
≥ 600	90.4	94.4	94.6	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8
≥ 500	90.6	94.6	94.8	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0
≥ 400	90.8	94.8	95.0	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
≥ 300	90.8	94.8	95.0	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
≥ 200	90.8	94.8	95.0	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
≥ 100	90.8	94.8	95.0	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
≥ 0	90.8	94.8	95.0	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING		59.[illegible]	60.[illegible]	60.2	60.[illegible]	61.1	61.1	61.1	61.1	61.1	61.[illegible]	61.	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]
≥ 20000		7[illegible]	[illegible]	[illegible]	69.[illegible]	70.1	70.1	70.1	70.1	70.1	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]
≥ 18000		69.[illegible]	70.5	70.8	71.5	71.[illegible]	[illegible]	71.[illegible]	71.6	71.6	71.[illegible]	71.7	71.7	71.7	71.7	71.7
≥ 16000		69.4	70.[illegible]	70.8	71.7	72.1	72.1	72.1	72.1	72.1	72.[illegible]	72.[illegible]	72.[illegible]	72.2	72.[illegible]	72.[illegible]
≥ 14000		70.6	72.0	72.[illegible]	72.[illegible]	73.3	73.3	73.3	73.3	73.3	73.[illegible]	73.	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]
≥ 12000		71.[illegible]	73.3	73.3	74.2	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	[illegible]	74.7	74.7	74.7	74.7
≥ 10000		74.[illegible]	75.9	75.9	76.[illegible]	77.2	77.2	77.2	77.2	77.2	77.[illegible]	77.	77.[illegible]	77.[illegible]	77.[illegible]	77.
≥ 9000		75.[illegible]	76.0	76.6	77.5	77.9	77.9	77.9	77.9	77.9	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]
≥ 8000		77.1	78.0	78.8	79.[illegible]	80.1	80.1	80.1	80.1	80.1	80.[illegible]	80.[illegible]	80.[illegible]	80.3	80.5	80.[illegible]
≥ 7000		7[illegible]	80.0	80.9	81.[illegible]	81.9	81.9	82.0	82.0	82.[illegible]	82.2	82.2	82.2	82.2	82.2	82.[illegible]
≥ 6000		78.4	80.5	80.5	82.[illegible]	82.4	82.4	82.5	82.5	82.5	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]
≥ 5000		79.1	81.4	81.4	83.[illegible]	83.[illegible]	[illegible]	83.5	83.5	83.5	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]
≥ 4500		80.[illegible]	82.5	82.6	84.6	85.1	[illegible].2	85.5	85.5	85.5	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]
≥ 4000		80.5	83.2	83.6	85.0	86.1	[illegible].2	86.4	86.4	86.4	86.[illegible]	86.[illegible]	86.[illegible]	86.5	86.5	86.[illegible]
≥ 3500		81.[illegible]	84.[illegible]	85.[illegible]	87.[illegible]	87.5	87.[illegible]	87.8	87.8	87.8	87.[illegible]	87.	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]
≥ 3000		84.	87.2	87.8	90.1	90.9	90.9	91.1	91.1	91.3	91.4	91.[illegible]	91.5	91.5	91.5	91.5
≥ 2500		85.7	89.2	89.6	92.1	92.8	93.1	93.4	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7
≥ 2000		86.[illegible]	89.[illegible]	90.3	93.[illegible]	94.2	94.7	94.9	94.9	95.0	95.[illegible]	95.[illegible]	95.[illegible]	95.3	95.[illegible]	95.[illegible]
≥ 1800		86.[illegible]	89.6	90.3	93.4	94.3	94.9	95.2	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5
≥ 1500		86.5	90.1	90.7	93.7	94.9	95.[illegible]	95.7	95.7	95.9	96.[illegible]	96.1	96.1	96.1	96.1	96.1
≥ 1200		86.[illegible]	90.5	90.9	94.[illegible]	95.2	95.7	96.0	96.0	96.1	96.2	96.3	96.5	96.3	96.5	96.5
≥ 1000		87.1	90.7	91.3	94.[illegible]	95.5	96.1	96.3	96.3	96.5	96.[illegible]	96.7	96.7	96.7	96.7	96.7
≥ 900		87.1	90.7	91.3	94.5	95.5	96.1	96.3	96.5	96.6	96.7	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]
≥ 800		87.1	90.7	91.3	94.4	95.5	96.2	96.5	96.7	96.8	96.[illegible]	97.	97.0	97.[illegible]	97.0	97.0
≥ 700		87.1	90.7	91.3	94.4	95.6	96.2	96.6	96.8	96.9	97.	97.[illegible]	97.2	97.2	97.2	97.2
≥ 600		87.1	90.7	91.3	94.4	95.6	96.2	96.6	96.8	96.9	97.	97.[illegible]	97.2	97.2	97.2	97.2
≥ 500		87.1	90.8	91.4	94.6	95.7	96.3	96.7	97.0	97.2	97.[illegible]	97.[illegible]	97.4	97.5	97.5	97.5
≥ 400		87.1	90.8	91.4	94.6	95.7	96.3	96.7	97.0	97.2	97.6	97.[illegible]	97.9	98.0	98.0	98.0
≥ 300		87.1	90.8	91.4	94.6	95.7	96.5	96.8	97.2	97.4	98.1	98.[illegible]	98.5	98.5	98.5	98.5
≥ 200		87.1	90.8	91.4	94.6	95.7	96.5	96.9	97.4	97.6	98.[illegible]	98.[illegible]	98.7	99.[illegible]	99.2	99.3
≥ 100		87.1	90.8	91.4	94.6	95.7	96.5	96.9	97.4	97.6	98.7	98.[illegible]	98.9	99.3	99.	99.[illegible]
≥ 0		87.1	90.8	91.4	94.6	95.7	96.5	96.9	97.4	97.6	98.7	98.[illegible]	98.9	99.3	99.	100.0

TOTAL NUMBER OF OBSERVATIONS 84

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥½	≥¼	0
≥ [illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.
≥ 10000		[illegible]	70.2	70.8	71.0	71.1	71.3	71.4	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6
≥ 8000		[illegible]	70.9	71.3	71.4	72.0	72.2	72.3	72.4	72.4	72.4	72.5	72.6	72.6	72.6	72.
≥ 6000		71.2	71.4	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3
≥ 5000		72.1	72.4	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3
≥ 4500		72.7	73.0	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.9	73.9	73.9	73.9
≥ 4000		74.1	74.4	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.4	75.4	75.4	75.4
≥ 3500		75.6	75.9	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9
≥ 3000		77.1	77.4	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4	78.4	78.4	78.4
≥ 2500		78.2	78.6	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.6	79.6	79.6	79.6
≥ 2000		79.1	79.5	79.9	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.7	80.7	80.7	80.7
≥ 1800		79.7	80.1	80.5	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.3	81.3	81.3	81.3
≥ 1500		80.6	81.0	81.4	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.2	82.2	82.2	82.2
≥ 1200		81.4	81.8	82.2	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.9	83.0	83.0	83.0	83.0
≥ 1000		82.1	82.5	82.9	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.7	83.7	83.7	83.7
≥ 900		82.5	82.9	83.3	83.6	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.1	84.1	84.1	84.1
≥ 800		82.9	83.3	83.7	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.5	84.5	84.5	84.5
≥ 700		83.4	83.8	84.2	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.9	85.0	85.0	85.0	85.0
≥ 600		83.8	84.2	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.4
≥ 500		84.1	84.5	84.9	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.7	85.7	85.7	85.7
≥ 400		84.5	84.9	85.3	85.6	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1
≥ 300		84.9	85.3	85.7	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.5	86.5	86.5	86.5
≥ 200		85.2	85.6	86.0	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8
≥ 100		85.5	85.9	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1
≥ 0		85.5	85.9	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	10	9	8	7	6	5	4	3	2½	2	1½	1	½	0	
≥ 20000																
20000																
15000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1600																
1400																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING															
≥ 20000															
≥ 15000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
< 100															

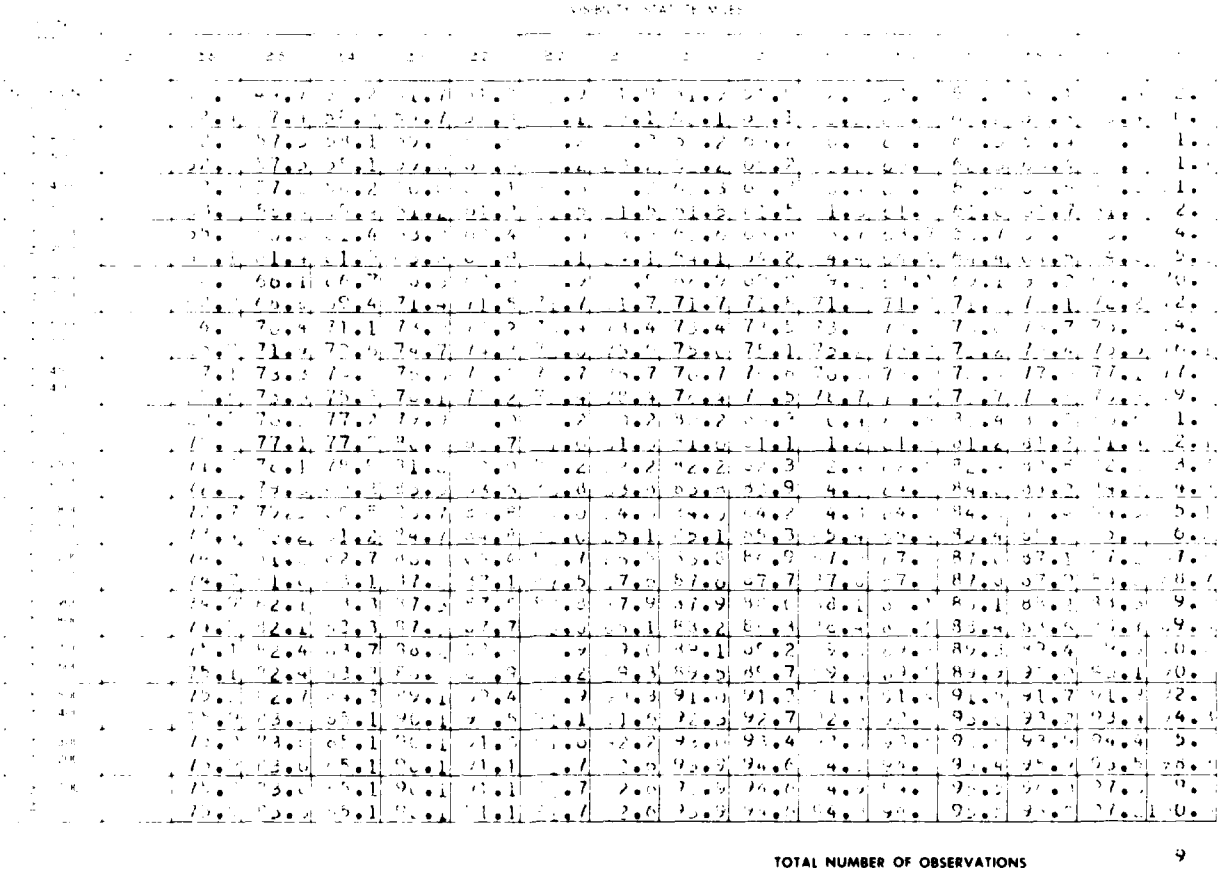
TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

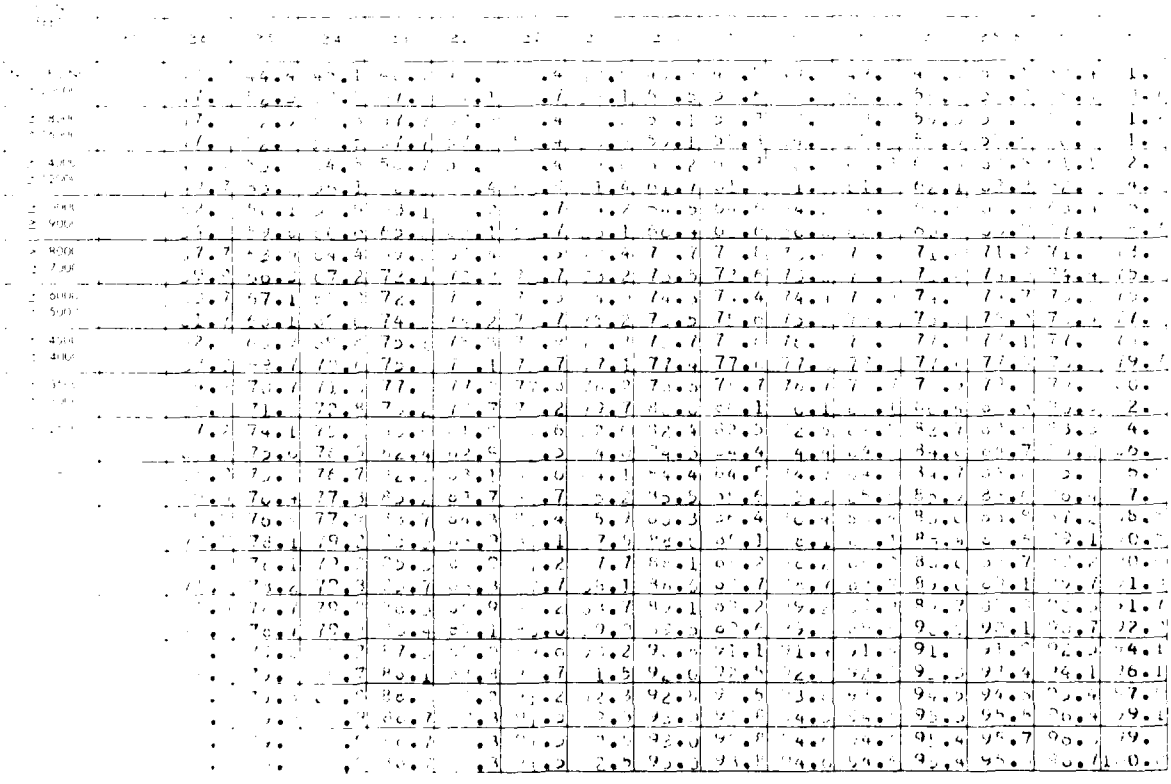
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

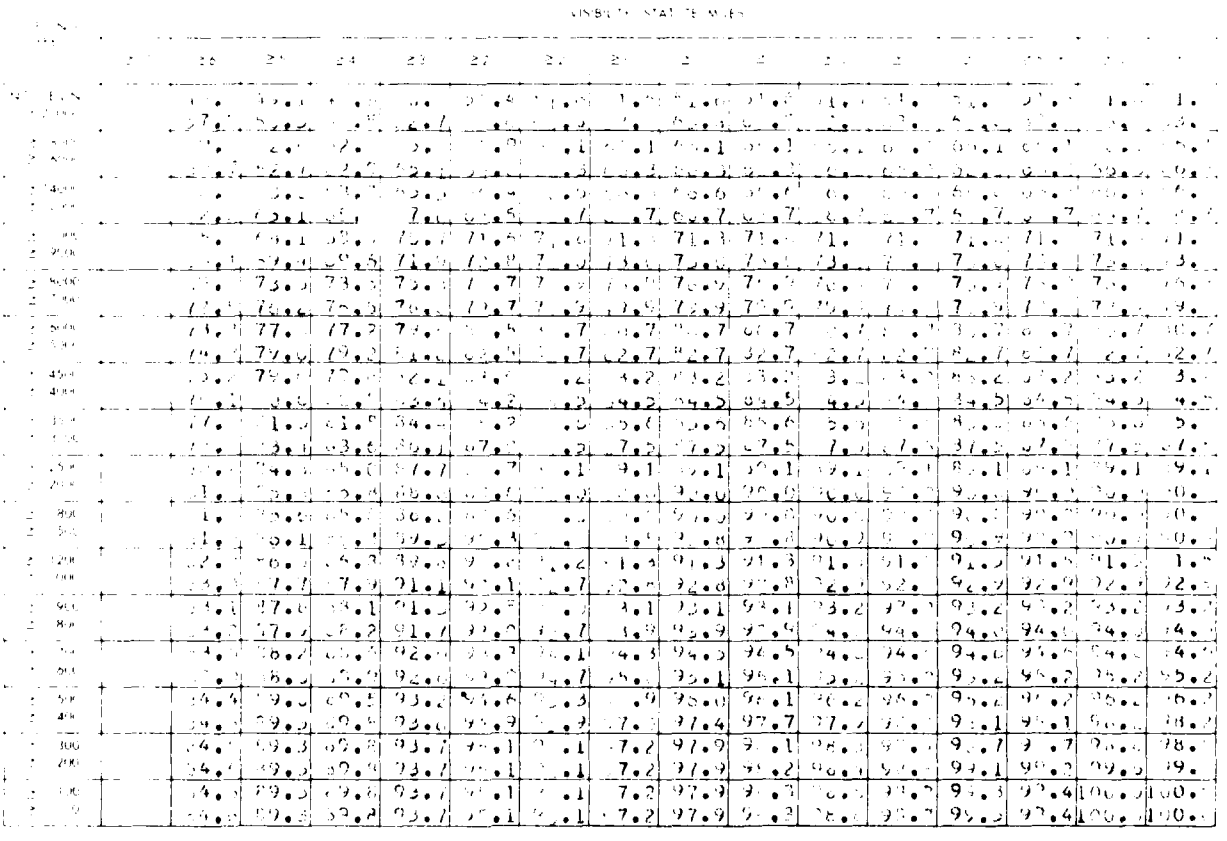
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	26	25	24	23	22	21	2	2	2	2	2	2	25		
[illegible]																
≥ 35000																
≥ 30000																
≥ 25000																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 11000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6500																
≥ 6000																
≥ 5500																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
[illegible]																

TOTAL NUMBER OF OBSERVATIONS 921

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	.7	72.1	82.7	87.0	87.6	.2	1.4	85.0	87.4	88.1	88.4	89.4	89.4
≥ 20000	1.	73.2	82.8	87.1	87.8	.2	1.5	85.2	87.6	88.3	88.6	89.6	89.6
≥ 18000	.7	74.8	83.5	87.8	88.5	.2	1.5	85.9	88.3	89.0	89.3	90.3	90.3
≥ 16000	.7	75.0	83.7	88.0	88.7	.2	1.5	86.1	88.5	89.2	89.5	90.5	90.5
≥ 14000	.8	75.8	84.6	88.9	89.6	.2	1.6	87.0	89.4	90.1	90.4	91.4	91.4
≥ 12000	.8	76.2	85.1	89.4	90.1	.2	1.6	87.5	89.9	90.6	90.9	91.9	91.9
≥ 10000	.8	76.6	85.5	89.8	90.5	.2	1.6	87.9	90.3	91.0	91.3	92.3	92.3
≥ 9000	.8	76.8	85.7	90.0	90.7	.2	1.6	88.1	90.5	91.2	91.5	92.5	92.5
≥ 8000	.8	77.0	85.9	90.2	90.9	.2	1.6	88.3	90.7	91.4	91.7	92.7	92.7
≥ 7000	.8	77.2	86.1	90.4	91.1	.2	1.6	88.5	90.9	91.6	91.9	92.9	92.9
≥ 6000	.8	77.4	86.3	90.6	91.3	.2	1.6	88.7	91.1	91.8	92.1	93.1	93.1
≥ 5000	.8	77.6	86.5	90.8	91.5	.2	1.6	88.9	91.3	92.0	92.3	93.3	93.3
≥ 4500	.8	77.7	86.6	90.9	91.6	.2	1.6	89.0	91.4	92.1	92.4	93.4	93.4
≥ 4000	.8	77.8	86.7	91.0	91.7	.2	1.6	89.1	91.5	92.2	92.5	93.5	93.5
≥ 3500	.8	78.0	86.9	91.2	91.9	.2	1.6	89.3	91.7	92.4	92.7	93.7	93.7
≥ 3000	.8	78.1	87.0	91.3	92.0	.2	1.6	89.4	91.8	92.5	92.8	93.8	93.8
≥ 2500	.8	78.2	87.1	91.4	92.1	.2	1.6	89.5	91.9	92.6	92.9	93.9	93.9
≥ 2000	.8	78.4	87.3	91.6	92.3	.2	1.6	89.7	92.1	92.8	93.1	94.1	94.1
≥ 1800	.8	78.5	87.4	91.7	92.4	.2	1.6	89.8	92.2	92.9	93.2	94.2	94.2
≥ 1600	.8	78.6	87.5	91.8	92.5	.2	1.6	89.9	92.3	93.0	93.3	94.3	94.3
≥ 1400	.8	78.7	87.6	91.9	92.6	.2	1.6	90.0	92.4	93.1	93.4	94.4	94.4
≥ 1200	.8	78.8	87.7	92.0	92.7	.2	1.6	90.1	92.5	93.2	93.5	94.5	94.5
≥ 1000	.8	78.9	87.8	92.1	92.8	.2	1.6	90.2	92.6	93.3	93.6	94.6	94.6
≥ 900	.8	79.0	87.9	92.2	92.9	.2	1.6	90.3	92.7	93.4	93.7	94.7	94.7
≥ 800	.8	79.1	88.0	92.3	93.0	.2	1.6	90.4	92.8	93.5	93.8	94.8	94.8
≥ 700	.8	79.2	88.1	92.4	93.1	.2	1.6	90.5	92.9	93.6	93.9	94.9	94.9
≥ 600	.8	79.3	88.2	92.5	93.2	.2	1.6	90.6	93.0	93.7	94.0	95.0	95.0
≥ 500	.8	79.4	88.3	92.6	93.3	.2	1.6	90.7	93.1	93.8	94.1	95.1	95.1
≥ 400	.8	79.5	88.4	92.7	93.4	.2	1.6	90.8	93.2	93.9	94.2	95.2	95.2
≥ 300	.8	79.6	88.5	92.8	93.5	.2	1.6	90.9	93.3	94.0	94.3	95.3	95.3
≥ 200	.8	79.7	88.6	92.9	93.6	.2	1.6	91.0	93.4	94.1	94.4	95.4	95.4
≥ 100	.8	79.8	88.7	93.0	93.7	.2	1.6	91.1	93.5	94.2	94.5	95.5	95.5
0	.8	79.8	88.7	93.0	93.7	.2	1.6	91.1	93.5	94.2	94.5	95.5	95.5

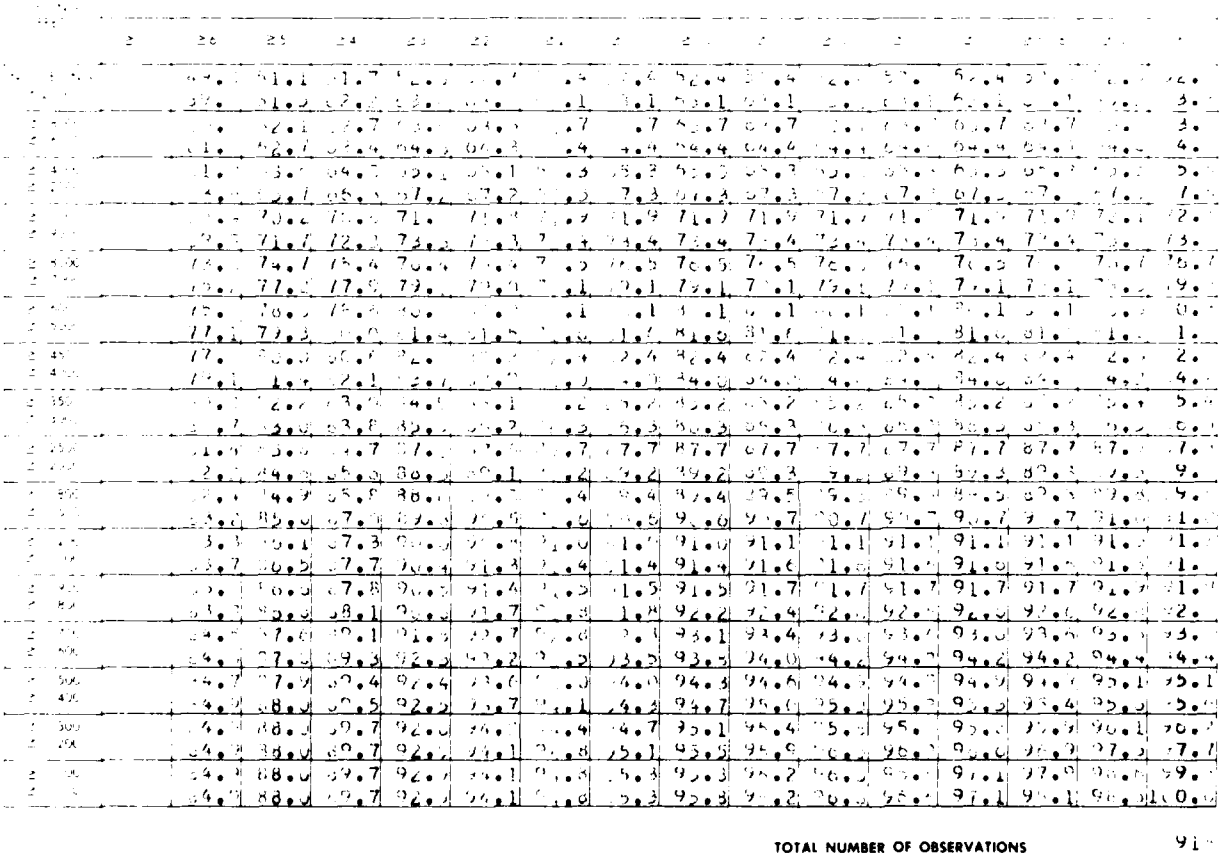
TOTAL NUMBER OF OBSERVATIONS 914

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	9	8	7	6	5	4	3	2	1	1/2	1/4	1/8	0		
≥ 5000	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 4500	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 4000	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 3500	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 3000	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 2500	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 2000	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 1800	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 1600	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 1400	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 1200	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 1000	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 900	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 800	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 700	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 600	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 500	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 400	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 300	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 200	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 100	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		
≥ 0	75.1	76.1	76.5	76.8	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0		

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0			
≥ 22000																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 7277

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	2½	2	1¾	1½	1¼	1	¾	½	¼	0						
≥ 20000	46.7	46.5	46.5	46.6	46.8	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 18000	55.9	56.0	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	56.1	56.2	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	57.0	57.1	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	61.7	61.8	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	71.1	73.0	74.1	75.2	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	71.5	73.4	74.5	75.6	76.3	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	74.4	76.4	77.2	78.3	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	77.1	79.0	79.8	80.9	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	78.7	80.6	81.4	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	79.2	81.1	81.9	83.0	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	81.4	83.4	84.2	85.3	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	82.2	84.2	85.0	86.1	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	83.4	85.4	86.2	87.3	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	84.7	86.7	87.4	88.5	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	84.9	87.0	87.8	88.9	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	85.3	87.4	88.2	89.3	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	87.3	89.5	90.3	91.4	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	87.6	89.8	90.6	91.7	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	89.3	91.7	92.5	93.7	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	89.7	92.0	92.8	94.0	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	89.9	92.3	93.1	94.3	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	89.9	92.3	93.1	94.3	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	90.1	92.5	93.3	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	90.1	92.5	93.3	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	90.7	93.1	93.9	95.1	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	90.9	93.3	94.1	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	90.9	93.3	94.1	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	90.9	93.3	94.1	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	90.9	93.3	94.1	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	90.9	93.3	94.1	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 950

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	10	9	8	7	6	5	4	3	2½	2	1½	1	⅞	½	¼	0
≥ UNLIM	59.0	60.0	61.7	62.6	63.5	64.2	64.1	64.1	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.7
≥ 20000	57.1	58.2	59.1	59.8	60.7	61.4	61.3	61.3	61.5	61.8	61.9	62.0	62.0	62.0	62.0	62.0
≥ 18000	57.0	58.1	59.0	59.7	60.6	61.3	61.2	61.2	61.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9
≥ 16000	56.1	57.2	58.1	58.8	59.7	60.4	60.3	60.3	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.0
≥ 14000	55.7	56.8	57.7	58.4	59.3	60.0	59.9	59.9	60.1	60.4	60.5	60.6	60.6	60.6	60.6	60.6
≥ 12000	54.6	55.8	56.7	57.4	58.3	59.0	58.9	58.9	59.1	59.4	59.5	59.6	59.6	59.6	59.6	59.6
≥ 11000	53.9	55.0	55.9	56.6	57.5	58.2	58.1	58.1	58.3	58.6	58.7	58.8	58.8	58.8	58.8	58.8
≥ 10000	53.7	54.8	55.7	56.4	57.3	58.0	57.9	57.9	58.1	58.4	58.5	58.6	58.6	58.6	58.6	58.6
≥ 9000	51.7	52.9	53.8	54.6	55.5	56.2	56.1	56.1	56.3	56.6	56.7	56.8	56.8	56.8	56.8	56.8
≥ 8000	49.7	50.9	51.8	52.6	53.5	54.2	54.1	54.1	54.3	54.6	54.7	54.8	54.8	54.8	54.8	54.8
≥ 7000	47.6	48.8	49.7	50.5	51.4	52.1	52.0	52.0	52.2	52.5	52.6	52.7	52.7	52.7	52.7	52.7
≥ 6000	43.7	44.9	45.8	46.6	47.5	48.2	48.1	48.1	48.3	48.6	48.7	48.8	48.8	48.8	48.8	48.8
≥ 5000	34.7	35.9	36.8	37.6	38.5	39.2	39.1	39.1	39.3	39.6	39.7	39.8	39.8	39.8	39.8	39.8
≥ 4500	30.9	32.1	33.0	33.8	34.7	35.4	35.3	35.3	35.5	35.8	35.9	36.0	36.0	36.0	36.0	36.0
≥ 4000	27.1	28.3	29.2	30.0	30.9	31.6	31.5	31.5	31.7	32.0	32.1	32.2	32.2	32.2	32.2	32.2
≥ 3500	23.2	24.4	25.3	26.1	27.0	27.7	27.6	27.6	27.8	28.1	28.2	28.3	28.3	28.3	28.3	28.3
≥ 3000	19.3	20.5	21.4	22.2	23.1	23.8	23.7	23.7	23.9	24.2	24.3	24.4	24.4	24.4	24.4	24.4
≥ 2500	15.4	16.6	17.5	18.3	19.2	19.9	19.8	19.8	20.0	20.3	20.4	20.5	20.5	20.5	20.5	20.5
≥ 2000	12.1	13.3	14.2	15.0	15.9	16.6	16.5	16.5	16.7	17.0	17.1	17.2	17.2	17.2	17.2	17.2
≥ 1800	11.4	12.6	13.5	14.3	15.2	15.9	15.8	15.8	16.0	16.3	16.4	16.5	16.5	16.5	16.5	16.5
≥ 1500	10.3	11.5	12.4	13.2	14.1	14.8	14.7	14.7	14.9	15.2	15.3	15.4	15.4	15.4	15.4	15.4
≥ 1200	9.1	10.3	11.2	12.0	12.9	13.6	13.5	13.5	13.7	14.0	14.1	14.2	14.2	14.2	14.2	14.2
≥ 1000	7.7	8.9	9.8	10.6	11.5	12.2	12.1	12.1	12.3	12.6	12.7	12.8	12.8	12.8	12.8	12.8
≥ 900	7.3	8.5	9.4	10.2	11.1	11.8	11.7	11.7	11.9	12.2	12.3	12.4	12.4	12.4	12.4	12.4
≥ 800	6.5	7.7	8.6	9.4	10.3	11.0	10.9	10.9	11.1	11.4	11.5	11.6	11.6	11.6	11.6	11.6
≥ 700	5.4	6.6	7.5	8.3	9.2	9.9	9.8	9.8	10.0	10.3	10.4	10.5	10.5	10.5	10.5	10.5
≥ 600	4.3	5.5	6.4	7.2	8.1	8.8	8.7	8.7	8.9	9.2	9.3	9.4	9.4	9.4	9.4	9.4
≥ 500	3.2	4.4	5.3	6.1	7.0	7.7	7.6	7.6	7.8	8.1	8.2	8.3	8.3	8.3	8.3	8.3
≥ 400	2.2	3.4	4.3	5.1	6.0	6.7	6.6	6.6	6.8	7.1	7.2	7.3	7.3	7.3	7.3	7.3
≥ 300	1.4	2.6	3.5	4.3	5.2	5.9	5.8	5.8	6.0	6.3	6.4	6.5	6.5	6.5	6.5	6.5
≥ 200	0.8	2.0	2.9	3.7	4.6	5.3	5.2	5.2	5.4	5.7	5.8	5.9	5.9	5.9	5.9	5.9
≥ 100	0.5	1.7	2.6	3.4	4.3	5.0	4.9	4.9	5.1	5.4	5.5	5.6	5.6	5.6	5.6	5.6
≥ 0	0.5	1.7	2.6	3.4	4.3	5.0	4.9	4.9	5.1	5.4	5.5	5.6	5.6	5.6	5.6	5.6

TOTAL NUMBER OF OBSERVATIONS 91

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

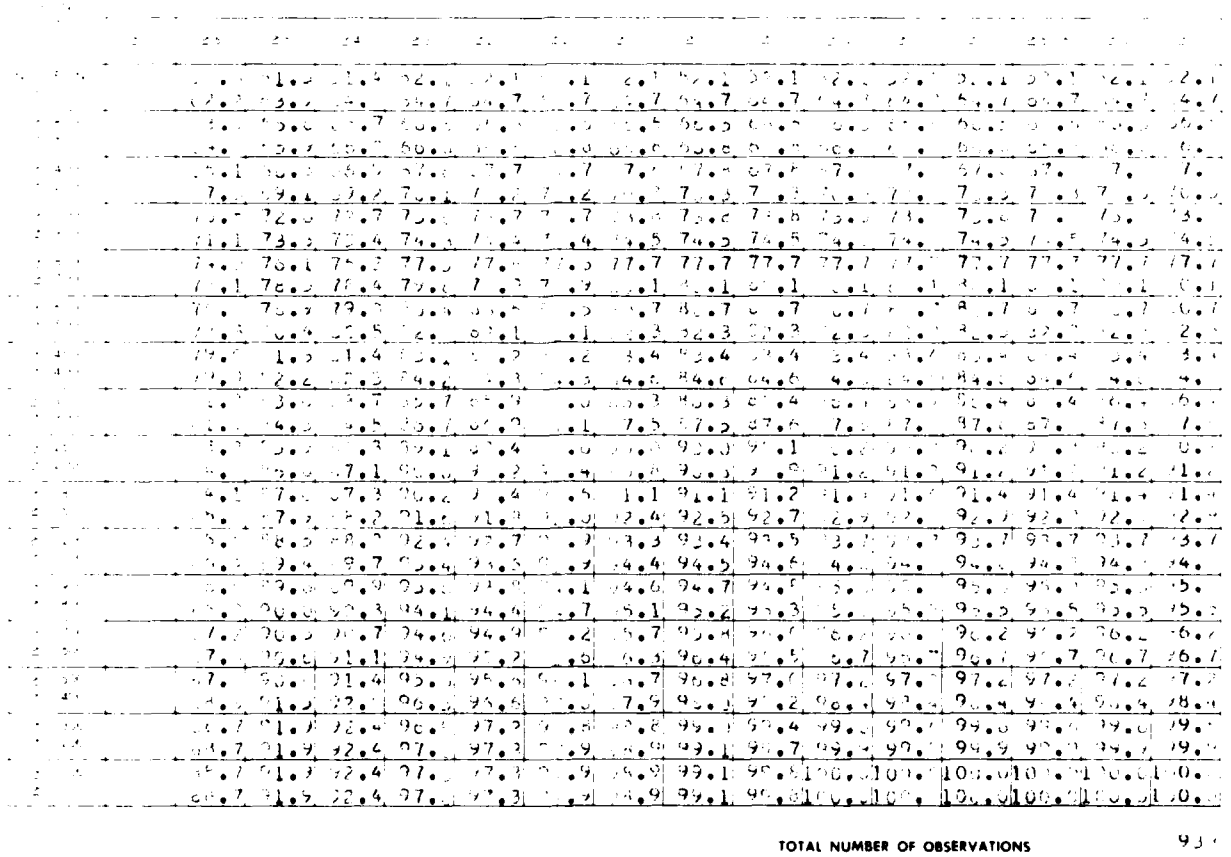
CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	26	25	24	23	22	21	2	2	2	2	2	2	2	2
≥ 20000		44.1	45.0	46.0	46.3	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
		54.5	57.4	57.5	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000		55.7	58.4	58.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000		55.7	58.6	58.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000		56.4	59.1	59.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000		62.4	65.1	65.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000		64.1	66.7	67.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000		67.0	69.9	70.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000		68.1	70.9	71.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000		68.4	71.2	71.5	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000		69.1	72.1	72.4	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000		70.4	73.4	73.9	76.3	76.4	76.4	76.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500		71.0	74.0	75.3	76.9	77.0	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000		73.1	76.5	76.8	79.2	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500		73.4	77.1	77.4	80.0	80.2	80.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000		74.1	77.9	77.9	81.3	81.5	81.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500		75.7	79.3	79.8	83.2	83.5	83.7	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000		77.1	81.0	82.2	85.2	85.4	85.6	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800		77.3	82.0	82.4	86.1	86.4	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500		78.4	84.6	84.8	88.7	89.1	89.3	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200		81.6	86.6	87.2	89.9	90.2	90.3	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000		82.6	88.1	88.5	92.2	92.1	92.1	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900		82.7	88.2	88.7	92.4	92.5	92.9	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800		83.1	88.4	88.8	92.6	92.6	93.0	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2
≥ 700		83.7	88.1	88.5	92.1	92.5	92.8	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3
≥ 600		84.4	88.4	88.9	92.5	92.9	93.0	95.8	95.9	96.1	96.2	96.3	96.3	96.3	96.3
≥ 500		84.7	88.4	89.0	94.1	94.5	94.8	96.0	96.3	96.5	96.7	96.7	96.7	96.7	96.7
≥ 400		84.7	88.6	89.3	94.6	95.1	95.3	97.1	97.4	97.8	98.0	98.0	98.0	98.0	98.0
≥ 300		84.4	89.0	89.5	95.4	95.9	96.2	98.2	98.5	98.8	99.1	99.1	99.1	99.1	99.1
≥ 200		84.4	89.0	89.5	95.4	95.9	96.2	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2
≥ 100		84.4	89.0	89.5	95.4	95.9	96.2	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2
≥ 0		84.4	89.0	89.5	95.4	95.9	96.2	98.3	98.6	98.9	99.2	99.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 934

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

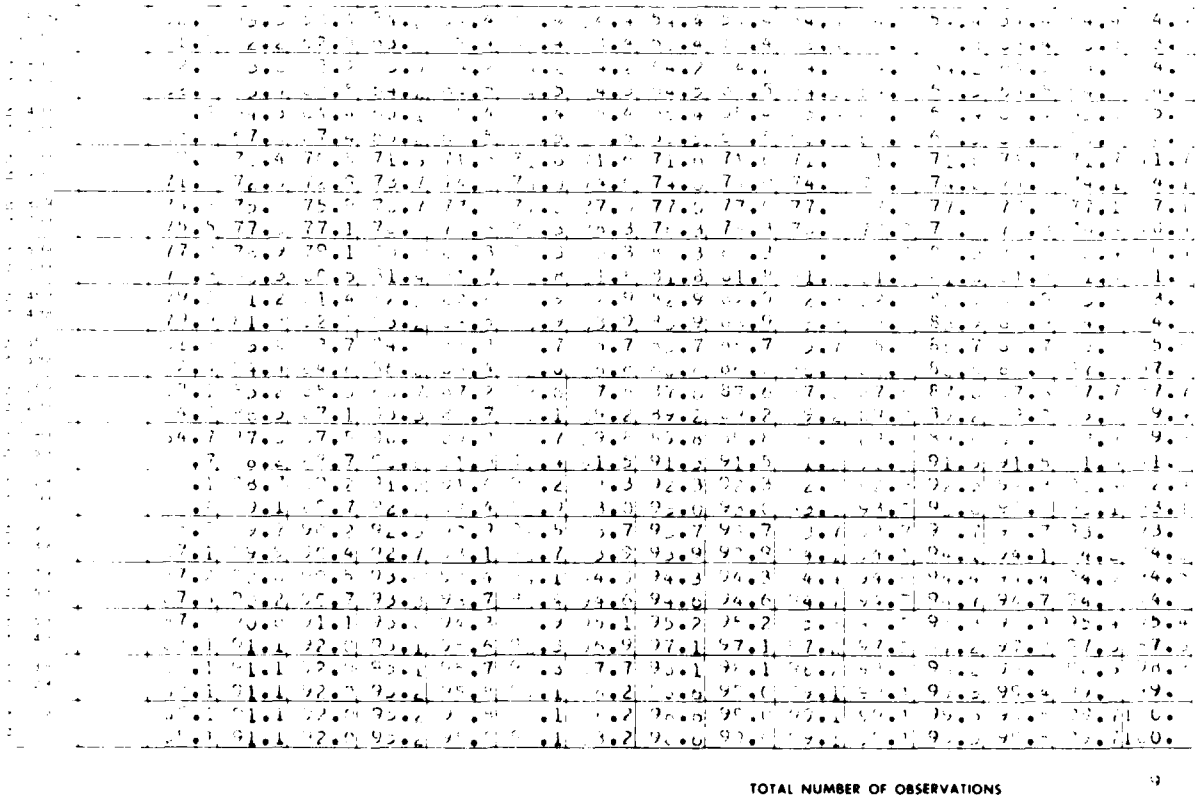
TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

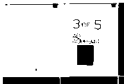


TOTAL NUMBER OF OBSERVATIONS

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

AD-A088 944 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KUNSAN AB, KUNSAN, KOREA. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
OCT 77

UNCLASSIFIED USAFETAC/DS-80/070 NL



2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	⅞	≥⅝	½	<½
NO CEILING		55.1	56.0	56.5	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000		61.1	62.7	62.7	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 18000		63.1	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000		63.1	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000		63.6	64.2	64.2	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000		63.7	65.2	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000		65.3	68.4	68.4	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000		68.3	70.1	70.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000		73.4	74.7	74.7	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000		74.3	76.2	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000		75.4	77.1	77.1	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 5000		77.5	79.2	79.2	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500		77.7	80.9	80.9	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000		79.3	81.6	81.6	82.2	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500		81.5	83.0	83.3	84.2	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000		83.0	85.2	85.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500		83.4	85.7	85.7	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000		84.7	87.2	87.3	88.2	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800		84.8	87.4	87.5	88.4	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500		85.5	88.1	88.2	89.1	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200		85.8	88.6	88.8	90.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000		86.6	89.3	89.5	91.0	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900		86.6	89.3	89.6	91.1	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800		86.9	89.7	90.1	92.3	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700		86.9	89.7	90.1	92.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600		87.1	89.9	90.3	93.0	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500		87.4	90.5	90.9	93.7	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400		87.9	91.1	91.5	94.4	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 300		88.1	91.4	91.8	95.0	96.0	96.4	96.9	96.9	96.9	97.1	97.1	97.3	97.3	97.3
≥ 200		88.6	91.4	91.8	95.0	96.0	96.5	97.0	97.0	97.4	97.6	97.6	97.8	98.4	98.7
≥ 100		88.9	91.4	91.8	95.0	96.0	96.6	97.1	97.2	97.9	98.4	98.4	99.4	99.4	99.7
≥ 0		88.9	91.9	91.9	95.1	96.1	96.7	97.2	97.3	98.0	98.4	98.4	99.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 953

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4424th KUNSAN AB, KOREA STATION NAME 7-11 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	<¼
NO CEILING		48.7	49.5	50.1	51.1	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.5
≥ 20000		54.5	55.1	55.8	61.6	61.8	61.9	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8
≥ 10000		57.4	61.0	61.2	62.3	62.5	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.8
≥ 8000		57.5	61.2	61.4	62.5	62.7	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	63.0
≥ 6000		58.3	61.7	62.2	63.3	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8
≥ 5000		62.9	64.1	64.4	65.3	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	66.0	66.0
≥ 4500		65.3	67.5	67.9	69.0	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.5	69.5
≥ 4000		66.2	68.6	69.1	70.4	70.6	70.8	70.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9
≥ 3500		69.8	71.9	72.1	73.6	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2
≥ 3000		71.2	73.2	74.1	75.7	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.2
≥ 2500		72.3	74.2	75.2	76.8	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4
≥ 2000		74.1	76.4	76.7	78.4	78.7	78.7	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.1
≥ 1800		75.4	77.7	78.0	79.9	80.2	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.6	80.6
≥ 1500		76.9	78.8	79.1	81.1	81.4	81.5	81.6	81.6	81.7	81.7	81.8	81.8	81.9	81.9
≥ 1200		77.7	80.2	80.5	82.7	82.9	83.1	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.5
≥ 1000		78.7	81.3	81.6	83.9	84.2	84.4	84.5	84.5	84.6	84.7	84.7	84.7	84.8	84.8
≥ 900		79.7	82.4	82.7	85.2	85.6	85.8	85.9	85.9	86.0	86.0	86.1	86.1	86.2	86.2
≥ 800		81.3	83.8	84.2	86.9	87.2	87.4	87.6	87.6	87.7	87.8	87.8	87.8	87.9	87.9
≥ 700		81.3	84.1	84.5	87.3	87.6	87.8	88.0	88.0	88.1	88.2	88.2	88.2	88.3	88.4
≥ 600		82.5	85.3	86.0	89.0	89.3	89.5	89.8	89.9	90.0	90.0	90.1	90.1	90.2	90.2
≥ 500		83.3	86.3	86.8	90.0	90.4	90.8	91.0	91.0	91.1	91.2	91.2	91.2	91.3	91.4
≥ 400		84.0	87.0	87.5	90.9	91.3	91.7	91.9	92.0	92.1	92.2	92.2	92.2	92.3	92.3
≥ 300		84.3	87.4	88.0	91.4	91.8	92.2	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.9
≥ 200		84.5	87.8	88.3	91.8	92.2	92.7	92.9	93.0	93.1	93.2	93.2	93.2	93.3	93.3
≥ 100		84.9	88.0	88.6	92.2	92.8	93.2	93.5	93.6	93.7	93.8	93.8	93.9	94.0	94.0
≥ 0		85.0	88.2	88.8	92.7	93.2	93.7	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.5
		85.3	88.6	89.3	93.2	93.8	94.3	94.7	94.9	95.0	95.2	95.2	95.2	95.3	95.4
		85.7	89.1	89.8	93.7	94.6	95.2	95.8	96.0	96.2	96.4	96.5	96.5	96.6	96.6
		85.9	89.3	90.0	93.9	95.2	95.8	96.9	97.2	97.5	97.7	97.8	97.9	97.9	98.0
		85.9	89.3	90.0	94.0	95.2	95.9	97.2	97.6	97.9	98.0	98.0	98.0	98.0	98.2
		85.9	89.4	90.0	94.2	95.3	96.0	97.2	97.6	97.9	98.1	98.1	98.1	98.2	98.4
		85.9	89.4	90.0	94.5	95.3	96.2	97.2	97.6	97.9	98.1	98.2	98.2	98.3	98.4
		85.9	89.4	90.0	94.5	95.3	96.2	97.2	97.6	97.9	98.1	98.2	98.2	98.3	98.4

TOTAL NUMBER OF OBSERVATIONS 1547

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

2

CEILING VERSUS VISIBILITY

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	⅞	≥5/16	½	<½
NO CEILING		43.7	44.3	44.4	45.5	45.5	46.0	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.
≥ 20000		50.5	52.1	52.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000		51.1	52.4	52.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.
≥ 16000		52.3	52.4	52.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.
≥ 14000		51.7	53.4	53.6	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000		53.1	54.0	55.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.
≥ 10000		56.4	58.1	58.3	60.7	61.0	61.1	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 9000		57.7	59.5	59.8	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000		62.1	63.8	64.1	66.7	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000		64.2	66.2	66.7	69.6	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000		65.7	67.7	68.2	71.1	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 5000		67.2	69.3	69.8	72.6	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500		68.2	71.4	71.8	75.1	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000		69.9	72.4	73.0	76.6	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500		71.2	73.7	74.3	77.9	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3000		72.3	75.0	75.6	79.3	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.
≥ 2500		72.8	75.9	76.2	80.0	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000		75.3	79.3	80.0	84.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800		75.9	79.9	80.6	84.7	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500		76.4	80.0	81.3	85.6	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1200		78.1	82.5	83.3	87.7	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1000		79.1	83.6	84.5	89.1	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900		80.5	85.0	85.9	90.9	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800		80.9	85.7	86.6	91.6	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 700		81.3	86.2	87.1	92.2	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600		81.5	87.0	87.9	93.4	93.8	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500		82.1	87.8	88.8	94.4	94.9	95.2	95.3	95.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400		82.1	87.8	88.9	95.2	95.9	96.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300		82.1	87.8	89.0	95.5	96.1	96.7	97.9	98.1	98.5	98.7	98.7	98.7	98.7	98.8
≥ 200		82.1	87.8	89.0	95.5	96.1	96.8	98.0	98.5	98.8	99.1	99.2	99.3	99.4	99.5
≥ 100		82.1	87.8	89.0	95.5	96.1	96.8	98.0	98.5	98.8	99.1	99.2	99.3	99.4	99.5
≥ 0		82.1	87.8	89.0	95.5	96.1	96.8	98.0	98.5	98.8	99.1	99.2	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 845

2

DATA PROCESSING BRANCH
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] KUSA / AF KUSA STATION NAME [illegible] YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		32.3	34.3	35.6	37.0	37.2	[illegible]	[illegible]	39.9	39.9	39.9	[illegible]	[illegible]	41.1	41.1	[illegible]
≥ 20000		39.7	42.4	42.5	46.3	47.2	47.6	47.9	47.9	47.9	47.9	47.9	47.9	48.3	48.2	48.7
≥ 18000		39.9	42.6	42.7	47.2	47.4	[illegible]	[illegible]	48.1	48.1	48.1	[illegible]	[illegible]	48.5	[illegible]	[illegible]
≥ 16000		40.0	42.7	42.8	47.3	47.5	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.6	48.5	48.8
≥ 14000		41.2	43.3	44.0	48.0	48.2	[illegible]	49.4	49.4	49.4	49.4	49.4	49.4	[illegible]	[illegible]	[illegible]
≥ 12000		43.7	46.7	46.8	51.2	51.5	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.6	52.5	52.8
≥ 10000		45.1	49.1	49.5	54.1	54.3	[illegible]	55.0	55.0	55.0	55.0	55.0	55.0	55.4	55.4	55.5
≥ 9000		46.1	50.2	50.7	55.0	55.9	[illegible]	56.7	56.7	56.7	56.7	56.7	56.7	57.1	57.1	57.2
≥ 8000		50.5	54.0	54.5	59.1	[illegible]	[illegible]	61.2	61.2	61.2	61.2	61.2	61.2	61.7	61.7	61.8
≥ 7000		52.1	55.9	56.3	62.1	62.4	[illegible]	63.5	63.5	63.5	63.5	63.5	63.5	63.9	63.9	64.0
≥ 6000		53.5	57.4	58.1	64.2	64.7	[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	66.1	66.1	66.2
≥ 5000		54.2	58.0	58.7	64.9	65.4	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.9	67.9	68.0
≥ 4500		55.2	60.3	61.0	67.4	67.7	[illegible]	68.8	68.8	68.8	68.8	68.8	68.8	69.2	69.2	69.3
≥ 4000		57.4	61.6	62.4	68.9	69.2	[illegible]	70.3	70.3	70.3	70.3	70.3	70.3	70.7	70.7	71.0
≥ 3500		59.7	63.5	64.3	71.1	71.5	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.9	72.9	73.2
≥ 3000		60.7	65.1	66.0	73.1	73.5	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.9	74.9	75.2
≥ 2500		62.1	66.4	67.3	74.5	74.9	75.5	75.9	75.9	75.9	75.9	75.9	75.9	76.3	76.3	76.6
≥ 2000		63.1	68.1	69.0	76.6	77.0	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.6
≥ 1800		64.1	69.1	70.1	77.7	78.1	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.5	79.5	79.7
≥ 1500		65.3	70.3	71.3	78.9	79.4	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.8	80.8	81.0
≥ 1200		67.4	73.2	74.5	82.1	82.7	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.4	84.4	84.5
≥ 1000		68.1	74.4	75.5	84.4	85.0	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.6
≥ 900		69.8	75.6	77.6	86.7	87.4	88.1	88.6	88.6	88.6	88.6	88.6	88.6	89.0	89.0	89.1
≥ 800		70.9	76.8	78.2	87.4	88.1	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.9	89.9	90.1
≥ 700		71.4	77.6	79.3	88.3	89.6	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.4	91.4	91.5
≥ 600		71.9	78.5	80.2	89.7	90.5	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.4	92.4	92.6
≥ 500		72.5	79.0	81.2	91.2	92.3	93.1	94.2	94.2	94.2	94.2	94.2	94.2	94.6	94.6	94.8
≥ 400		72.8	79.8	81.5	91.9	93.2	94.0	95.2	95.3	95.3	95.4	95.4	95.4	95.8	95.8	96.0
≥ 300		72.8	79.9	81.7	92.3	93.7	94.7	96.2	96.6	96.6	96.6	96.6	96.6	97.3	97.3	97.5
≥ 200		72.8	79.9	81.7	92.3	93.7	94.7	96.6	97.1	97.2	97.2	97.2	97.2	98.2	98.4	98.7
≥ 100		72.9	80.0	81.8	92.4	93.8	94.8	96.8	97.3	97.5	97.5	97.5	97.5	98.7	98.8	99.2
≥ 0		72.9	80.0	81.8	92.4	93.8	94.8	96.8	97.3	97.5	97.5	97.5	97.5	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 852

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

1
2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4224 KUSAN AB KOREA 7- YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING		29.1	31.3	31.7	34.3	34.7	35.2	35.5	35.5	35.7	35.9	36.2	36.4	36.5	36.6
≥ 20000		34.4	38.0	39.2	42.4	43.7	44.2	44.5	44.5	44.6	44.7	44.9	45.1	45.1	45.2
≥ 18000		35.1	39.6	40.0	43.1	44.4	44.8	45.3	45.3	45.4	45.5	45.7	45.9	45.9	46.1
≥ 16000		35.2	39.9	40.3	43.4	44.7	44.9	45.3	45.3	45.4	45.5	45.7	45.9	45.9	46.1
≥ 14000		37.1	41.6	41.3	45.1	45.9	46.1	46.6	46.6	46.7	46.9	47.0	47.2	47.2	47.3
≥ 12000		37.3	43.1	44.1	46.3	47.2	47.4	47.9	48.0	48.1	48.2	48.3	48.5	48.5	48.6
≥ 10000		43.0	47.5	48.2	52.5	53.9	54.2	54.7	54.8	54.9	55.1	55.2	55.4	55.5	55.6
≥ 9000		44.3	48.4	49.2	54.1	55.2	55.7	56.1	56.3	56.5	56.7	56.9	57.1	57.1	57.2
≥ 8000		48.6	52.9	53.6	58.6	59.9	60.4	60.8	61.0	61.3	61.5	61.7	61.9	61.9	62.0
≥ 7000		50.7	55.2	56.1	61.2	62.4	62.9	63.5	63.6	64.0	64.2	64.3	64.6	64.7	64.8
≥ 6000		52.1	56.7	57.7	62.9	64.3	64.8	65.1	65.2	65.5	65.7	65.9	66.1	66.2	66.3
≥ 5000		52.4	57.1	58.2	63.5	64.8	65.2	65.7	65.8	66.1	66.3	66.5	66.7	66.8	66.9
≥ 4500		54.1	58.7	59.8	65.1	66.1	66.7	67.6	67.7	67.1	68.3	68.5	68.7	68.8	68.9
≥ 4000		55.3	60.0	61.1	66.4	67.5	68.1	68.9	69.0	69.4	69.6	69.8	70.0	70.1	70.2
≥ 3500		56.3	61.2	62.4	67.7	68.8	69.4	70.2	70.4	70.7	71.0	71.1	71.3	71.4	71.5
≥ 3000		58.3	63.5	64.7	70.4	71.4	72.0	72.9	73.0	73.4	73.6	73.7	74.0	74.1	74.2
≥ 2500		59.9	64.9	66.1	72.0	73.1	73.7	74.6	74.7	75.1	75.3	75.4	75.7	75.8	75.9
≥ 2000		63.3	68.6	69.9	76.0	77.1	77.8	78.7	78.8	79.2	79.4	79.5	79.8	79.9	80.0
≥ 1800		63.4	68.7	70.2	76.3	77.6	78.3	79.2	79.3	79.6	79.9	80.0	80.2	80.4	80.5
≥ 1500		65.9	71.0	72.9	79.2	80.4	81.2	82.0	82.2	82.5	82.8	82.9	83.1	83.3	83.4
≥ 1200		68.7	74.7	76.0	82.4	83.6	84.5	85.4	85.5	85.9	86.1	86.3	86.5	86.6	86.7
≥ 1000		70.2	76.6	78.0	84.3	85.8	86.6	87.6	87.7	88.1	88.2	88.4	88.7	88.8	88.9
≥ 900		70.5	77.2	78.7	85.2	86.7	87.6	88.6	88.7	89.0	89.3	89.4	89.6	89.8	89.9
≥ 800		71.6	78.4	80.0	86.6	88.2	89.2	90.2	90.5	90.8	91.2	91.4	91.6	91.9	92.0
≥ 700		72.2	79.0	80.6	87.5	89.2	90.4	91.3	91.6	91.9	92.4	92.7	93.0	93.1	93.2
≥ 600		72.5	79.4	81.0	88.1	89.9	91.3	92.4	92.7	93.0	93.5	93.7	94.1	94.2	94.3
≥ 500		72.9	79.9	81.4	88.8	90.6	92.0	93.1	93.4	93.7	94.2	94.5	94.8	94.9	95.1
≥ 400		73.6	80.7	82.4	90.2	92.2	93.7	94.9	95.2	95.5	96.0	96.3	96.6	96.7	96.9
≥ 300		73.7	80.8	82.5	90.6	92.5	94.5	95.9	96.1	96.6	97.1	97.3	97.6	97.6	97.8
≥ 200		73.7	80.8	82.5	90.7	92.7	94.6	96.3	96.5	97.1	97.6	97.8	98.1	98.2	98.3
≥ 100		73.7	80.8	82.5	90.7	92.7	94.6	96.3	96.5	97.1	97.6	97.8	98.1	98.2	98.3
≥ 0		73.7	80.8	82.5	90.7	92.7	94.6	96.3	96.5	97.1	97.6	97.8	98.1	98.2	98.3

TOTAL NUMBER OF OBSERVATIONS 83

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

2

DATA PROCESSING SQN (C)
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9321 KUNSAN AB KOREA (STATION NAME) 7-71 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING		41.4	42.1	42.6	43.0	44.1	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.
≥ 20000		51.1	51.8	52.4	54.7	55.4	55.7	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
≥ 18000		52.7	53.1	53.6	55.9	56.6	56.9	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
≥ 16000		52.9	53.7	54.2	56.5	57.2	57.5	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
≥ 14000		55.5	56.2	56.6	58.7	59.7	60.0	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6
≥ 12000		57.5	58.3	58.9	61.4	62.2	62.6	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4
≥ 10000		60.3	61.0	62.4	65.3	66.3	67.1	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 9000		62.7	63.6	64.3	67.2	68.3	69.1	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.
≥ 8000		65.2	66.3	66.9	70.2	71.5	72.2	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3
≥ 7000		67.0	68.2	68.8	72.3	73.8	74.5	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
≥ 6000		69.6	70.0	70.7	74.3	75.6	76.3	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 5000		69.7	71.0	71.6	75.2	76.6	77.3	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
≥ 4500		70.7	72.0	72.6	76.2	77.5	78.3	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
≥ 4000		72.1	73.4	74.0	77.8	79.1	79.8	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 3500		73.1	74.4	75.0	78.7	80.1	80.8	81.6	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 3000		74.3	76.0	77.1	80.9	82.2	83.0	83.8	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1
≥ 2500		75.7	77.3	78.0	81.9	83.2	84.1	84.9	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 2000		77.2	78.6	79.3	83.1	85.0	86.0	86.6	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3
≥ 1800		77.9	79.3	80.1	84.4	85.7	86.7	87.6	87.8	88.0	88.0	88.0	88.2	88.2	88.2	88.2
≥ 1500		80.0	81.3	82.2	87.0	88.3	89.3	90.1	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 1200		81.4	83.1	83.8	86.5	89.9	90.8	91.7	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.3
≥ 1000		82.1	83.9	84.7	89.3	90.8	91.8	92.6	93.0	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 900		82.7	84.7	85.4	90.3	91.7	92.6	93.5	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 800		83.1	85.3	86.0	91.1	92.4	93.4	94.2	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 700		83.6	85.9	86.6	91.7	93.0	94.1	94.9	95.3	95.5	95.5	95.5	95.7	95.7	95.7	95.7
≥ 600		83.9	86.4	87.3	92.6	94.1	95.3	96.3	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 500		84.4	87.1	88.2	94.0	95.4	96.6	97.8	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 400		84.7	87.5	88.5	94.6	96.1	97.3	98.7	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300		85.0	87.7	88.9	95.0	96.6	97.8	99.2	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200		85.1	87.8	89.0	95.2	96.7	97.9	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		85.1	87.8	89.0	95.2	96.7	97.9	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		85.1	87.8	89.0	95.2	96.7	97.9	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 8

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING		47.5	48.5	48.5	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000		56.7	61.9	62.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000		62.9	63.1	63.3	65.2	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000		62.9	63.2	63.3	65.2	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000		64.1	65.2	65.4	67.0	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 12000		67.2	68.2	68.5	70.1	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000		70.9	72.2	72.6	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000		72.3	73.7	74.1	76.4	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000		74.4	76.1	76.4	79.1	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000		77.1	79.2	79.6	82.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000		78.1	79.7	80.1	82.8	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000		79.6	81.4	81.4	83.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500		80.9	81.9	82.3	84.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000		81.4	83.4	83.4	85.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500		82.3	84.3	84.9	87.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000		85.6	86.3	86.9	89.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500		86.5	88.3	88.9	91.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000		87.2	89.4	89.9	92.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800		87.5	89.7	90.2	93.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500		87.8	90.0	90.5	93.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200		88.9	91.1	91.6	94.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000		89.3	91.6	92.1	95.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900		89.7	92.0	92.6	95.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800		89.7	92.0	92.6	95.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700		89.7	92.0	92.6	95.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600		89.7	92.0	92.6	95.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500		90.8	93.1	93.7	96.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400		91.2	93.5	94.1	97.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300		91.7	94.0	94.6	97.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200		91.7	94.0	94.6	97.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100		91.7	94.0	94.6	97.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
= 0		91.7	94.0	94.6	97.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING		47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000		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
≥ 18000		62.0	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
≥ 16000		62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000		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
≥ 12000		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
≥ 10000		71.6	73.4	73.4	74.1	74.1	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000		74.1	75.0	75.6	77.1	77.4	77.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000		75.2	77.0	77.6	79.5	80.2	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 7000		77.1	79.0	80.3	82.4	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000		79.2	80.8	82.3	84.7	85.8	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000		83.1	84.1	85.8	88.2	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500		85.0	86.2	88.1	90.6	91.8	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000		86.1	87.6	89.9	92.6	93.7	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500		88.1	89.4	91.5	94.3	95.5	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000		89.6	91.0	93.2	96.0	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500		91.4	92.7	94.9	97.7	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.5	93.8	96.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0	5/16	
NO CEILING		45.2	46.0	46.2	46.5	46.7	46.8	46.9	47.1	47.3	47.4	47.5	47.6	47.7	47.8
≥ 20000		57.6	57.9	58.1	58.3	58.4	58.5	58.6	58.8	58.9	59.0	59.1	59.2	59.3	59.4
≥ 18000		58.1	58.4	58.6	58.8	58.9	59.0	59.1	59.3	59.4	59.5	59.6	59.7	59.8	59.9
≥ 16000		59.0	59.3	59.5	59.7	59.8	59.9	60.0	60.2	60.3	60.4	60.5	60.6	60.7	60.8
≥ 14000		61.2	62.2	62.5	62.7	62.8	62.9	63.0	63.2	63.3	63.4	63.5	63.6	63.7	63.8
≥ 12000		65.5	66.3	66.5	66.7	66.8	66.9	67.0	67.2	67.3	67.4	67.5	67.6	67.7	67.8
≥ 10000		70.5	71.4	71.7	71.9	72.0	72.1	72.2	72.4	72.5	72.6	72.7	72.8	72.9	73.0
≥ 9000		74.4	75.4	75.8	76.0	76.1	76.2	76.3	76.5	76.6	76.7	76.8	76.9	77.0	77.1
≥ 8000		75.9	76.9	77.3	77.5	77.6	77.7	77.8	78.0	78.1	78.2	78.3	78.4	78.5	78.6
≥ 7000		76.1	77.4	77.8	78.0	78.1	78.2	78.3	78.5	78.6	78.7	78.8	78.9	79.0	79.1
≥ 6000		77.3	78.6	79.0	79.2	79.3	79.4	79.5	79.7	79.8	79.9	80.0	80.1	80.2	80.3
≥ 5000		78.7	80.1	80.6	80.8	80.9	81.0	81.1	81.3	81.4	81.5	81.6	81.7	81.8	81.9
≥ 4500		79.2	81.0	81.4	81.6	81.7	81.8	81.9	82.1	82.2	82.3	82.4	82.5	82.6	82.7
≥ 4000		81.1	82.7	83.2	83.4	83.5	83.6	83.7	83.9	84.0	84.1	84.2	84.3	84.4	84.5
≥ 3500		82.6	84.3	84.9	85.1	85.2	85.3	85.4	85.6	85.7	85.8	85.9	86.0	86.1	86.2
≥ 3000		83.2	85.0	85.5	85.7	85.8	85.9	86.0	86.2	86.3	86.4	86.5	86.6	86.7	86.8
≥ 2500		84.3	86.1	86.7	86.9	87.0	87.1	87.2	87.4	87.5	87.6	87.7	87.8	87.9	88.0
≥ 2000		85.3	87.2	87.8	88.0	88.1	88.2	88.3	88.5	88.6	88.7	88.8	88.9	89.0	89.1
≥ 1800		85.8	87.7	88.3	88.5	88.6	88.7	88.8	89.0	89.1	89.2	89.3	89.4	89.5	89.6
≥ 1500		86.7	88.6	89.2	89.4	89.5	89.6	89.7	89.9	90.0	90.1	90.2	90.3	90.4	90.5
≥ 1200		87.5	89.4	90.0	90.2	90.3	90.4	90.5	90.7	90.8	90.9	91.0	91.1	91.2	91.3
≥ 1000		88.1	90.0	90.6	90.8	90.9	91.0	91.1	91.3	91.4	91.5	91.6	91.7	91.8	91.9
≥ 900		88.4	90.3	90.9	91.1	91.2	91.3	91.4	91.6	91.7	91.8	91.9	92.0	92.1	92.2
≥ 800		89.0	90.9	91.5	91.7	91.8	91.9	92.0	92.2	92.3	92.4	92.5	92.6	92.7	92.8
≥ 700		89.6	91.5	92.1	92.3	92.4	92.5	92.6	92.8	92.9	93.0	93.1	93.2	93.3	93.4
≥ 600		90.1	92.0	92.6	92.8	92.9	93.0	93.1	93.3	93.4	93.5	93.6	93.7	93.8	93.9
≥ 500		90.7	92.6	93.2	93.4	93.5	93.6	93.7	93.9	94.0	94.1	94.2	94.3	94.4	94.5
≥ 400		91.0	92.9	93.5	93.7	93.8	93.9	94.0	94.2	94.3	94.4	94.5	94.6	94.7	94.8
≥ 300		91.3	93.2	93.8	94.0	94.1	94.2	94.3	94.5	94.6	94.7	94.8	94.9	95.0	95.1
≥ 200		91.5	93.4	94.0	94.2	94.3	94.4	94.5	94.7	94.8	94.9	95.0	95.1	95.2	95.3
≥ 100		91.6	93.5	94.1	94.3	94.4	94.5	94.6	94.8	94.9	95.0	95.1	95.2	95.3	95.4
≥ 0		91.6	93.5	94.1	94.3	94.4	94.5	94.6	94.8	94.9	95.0	95.1	95.2	95.3	95.4

TOTAL NUMBER OF OBSERVATIONS 85

1

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	
≥ 20000		45.0	45.6	46.2	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 15000		55.4	55.4	55.7	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000		56.1	56.1	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
≥ 9000		56.4	56.4	56.4	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000		57.0	57.0	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 7000		57.4	57.5	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 6000		58.1	58.2	58.2	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000		58.8	58.9	59.0	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 4500		59.2	59.3	59.4	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4000		59.6	59.7	59.8	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 3500		60.1	60.2	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 3000		60.6	60.7	60.8	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2500		61.2	61.3	61.4	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2000		62.0	62.1	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1800		62.4	62.5	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 1500		62.8	62.9	63.0	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 1200		63.3	63.4	63.5	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1000		64.1	64.2	64.3	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 900		64.5	64.6	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 800		64.9	65.0	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 700		65.3	65.4	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 600		65.7	65.8	65.9	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 500		66.1	66.2	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 400		66.5	66.6	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 300		66.9	67.0	67.1	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 200		67.3	67.4	67.5	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 100		67.7	67.8	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 0		67.7	67.8	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

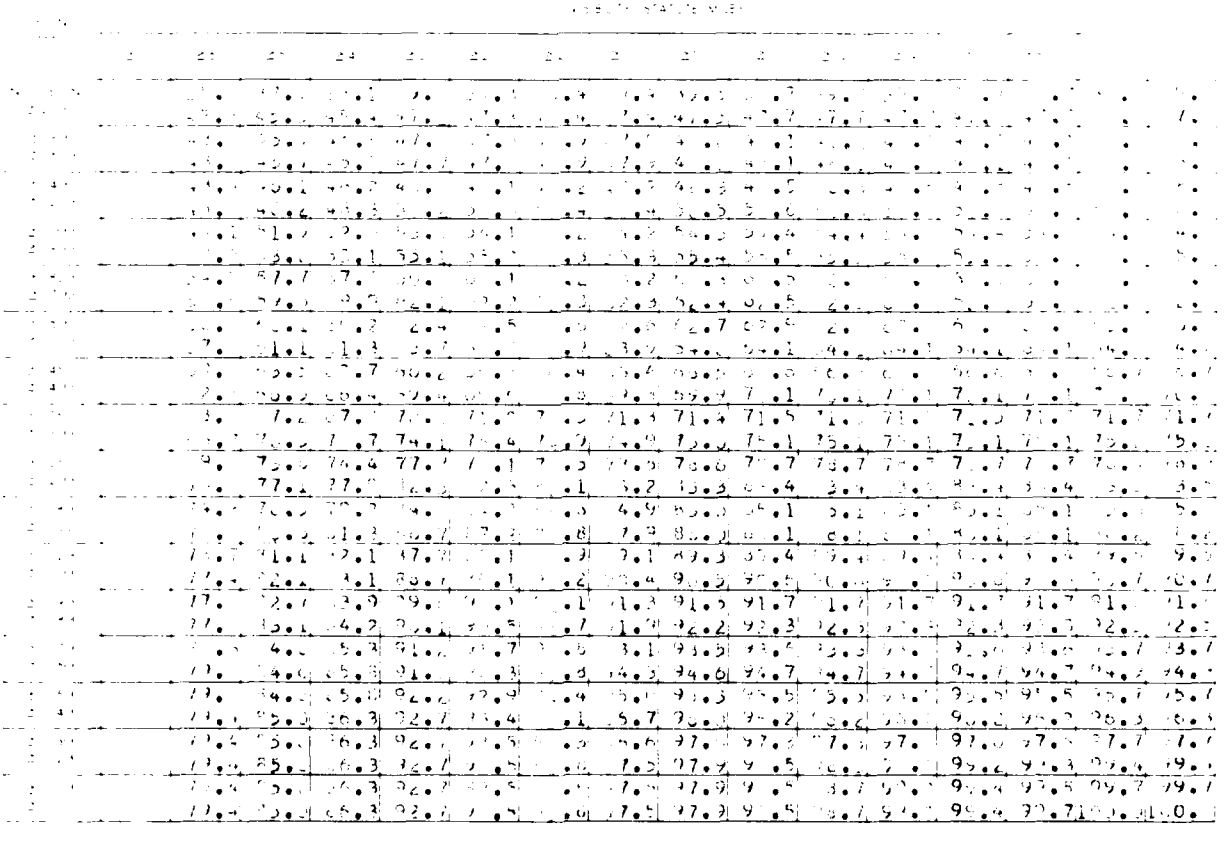
CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	10	9	8	7	6	5	4	3	2½	2	1½	1	½	0
≥ 20000	41.7	42.5	42.7	44.2	44.5	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8
≥ 18000	43.8	52.9	53.2	53.4	53.6	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
≥ 16000	44.3	53.5	53.7	53.9	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	44.8	54.0	54.2	54.4	54.5	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	45.2	54.4	54.7	54.9	55.0	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	46.1	55.3	55.6	55.8	55.9	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 9000	46.4	55.6	55.9	56.1	56.2	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5
≥ 8000	46.8	56.0	56.3	56.5	56.6	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	47.4	56.6	56.9	57.1	57.2	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
≥ 6000	48.1	57.3	57.6	57.8	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2
≥ 5000	48.4	57.6	57.9	58.1	58.2	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	48.7	57.9	58.2	58.4	58.5	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 4000	49.1	58.3	58.6	58.8	58.9	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 3500	49.4	58.6	58.9	59.1	59.2	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5
≥ 3000	49.8	59.0	59.3	59.5	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
≥ 2500	50.2	59.4	59.7	59.9	60.0	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 2000	50.4	59.6	59.9	60.1	60.2	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
≥ 1800	50.6	59.8	60.1	60.3	60.4	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1500	50.9	60.1	60.4	60.6	60.7	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0
≥ 1200	51.2	60.4	60.7	60.9	61.0	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1000	51.3	60.5	60.8	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7
≥ 900	51.4	60.6	60.9	61.1	61.2	61.3	61.4	61.5	62.4	62.5	62.5	62.5	62.6	62.6	62.7
≥ 800	51.4	60.6	60.9	61.1	61.2	61.3	61.4	61.5	62.8	63.2	63.2	63.2	63.3	63.3	63.4
≥ 700	51.5	60.7	61.0	61.2	61.3	61.4	61.5	61.6	63.1	63.5	63.5	63.5	63.6	63.6	63.7
≥ 600	52.2	61.4	61.7	61.9	62.0	62.1	62.2	62.3	63.8	64.2	64.2	64.2	64.3	64.3	64.4
≥ 500	52.3	61.5	61.8	62.0	62.1	62.2	62.3	62.4	63.9	64.3	64.3	64.3	64.4	64.4	64.5
≥ 400	52.5	61.7	62.0	62.2	62.3	62.4	62.5	62.6	64.1	64.5	64.5	64.5	64.6	64.6	64.7
≥ 300	53.1	62.3	62.6	62.8	62.9	63.0	63.1	63.2	64.7	65.1	65.1	65.1	65.2	65.2	65.3
≥ 200	53.1	62.3	62.6	62.8	62.9	63.0	63.1	63.2	64.7	65.1	65.1	65.1	65.2	65.2	65.3
≥ 100	53.1	62.3	62.6	62.8	62.9	63.0	63.1	63.2	64.7	65.1	65.1	65.1	65.2	65.2	65.3
≥ 0	53.1	62.3	62.6	62.8	62.9	63.0	63.1	63.2	64.7	65.1	65.1	65.1	65.2	65.2	65.3

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	0
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY, STATUTE MILES

CEILING, FEET	≥6	≥5	≥4	≥3	≥2	≥1	≥7/8	≥3/4	≥5/8	≥1/2	≥3/8	≥1/4	0	TOTAL
12000	73.2	73.4	74.1	74.4	74.6	74.8	74.9	75.1	75.2	75.3	75.4	75.5	75.6	75.
10000	73.3	73.5	74.2	74.5	74.7	74.9	75.0	75.2	75.3	75.4	75.5	75.6	75.7	75.
9000	73.	73.6	74.3	74.6	74.8	75.0	75.1	75.3	75.4	75.5	75.6	75.7	75.8	75.
8000	73.4	73.7	74.4	74.7	74.9	75.1	75.2	75.4	75.5	75.6	75.7	75.8	75.9	75.
7000	73.5	73.8	74.5	74.8	75.0	75.2	75.3	75.5	75.6	75.7	75.8	75.9	76.0	76.
6000	73.6	73.9	74.6	74.9	75.1	75.3	75.4	75.6	75.7	75.8	75.9	76.0	76.1	76.
5000	73.7	74.0	74.7	75.0	75.2	75.4	75.5	75.7	75.8	75.9	76.0	76.1	76.2	76.
4500	73.8	74.1	74.8	75.1	75.3	75.5	75.6	75.8	75.9	76.0	76.1	76.2	76.3	76.
4000	73.9	74.2	74.9	75.2	75.4	75.6	75.7	75.9	76.0	76.1	76.2	76.3	76.4	76.
3500	74.0	74.3	75.0	75.3	75.5	75.7	75.8	76.0	76.1	76.2	76.3	76.4	76.5	76.
3000	74.1	74.4	75.1	75.4	75.6	75.8	75.9	76.1	76.2	76.3	76.4	76.5	76.6	76.
2500	74.2	74.5	75.2	75.5	75.7	75.9	76.0	76.2	76.3	76.4	76.5	76.6	76.7	76.
2000	74.3	74.6	75.3	75.6	75.8	76.0	76.1	76.3	76.4	76.5	76.6	76.7	76.8	76.
1800	74.4	74.7	75.4	75.7	75.9	76.1	76.2	76.4	76.5	76.6	76.7	76.8	76.9	76.
1600	74.5	74.8	75.5	75.8	76.0	76.2	76.3	76.5	76.6	76.7	76.8	76.9	77.0	77.
1400	74.6	74.9	75.6	75.9	76.1	76.3	76.4	76.6	76.7	76.8	76.9	77.0	77.1	77.
1200	74.7	75.0	75.7	76.0	76.2	76.4	76.5	76.7	76.8	76.9	77.0	77.1	77.2	77.
1000	74.8	75.1	75.8	76.1	76.3	76.5	76.6	76.8	76.9	77.0	77.1	77.2	77.3	77.
900	74.9	75.2	75.9	76.2	76.4	76.6	76.7	76.9	77.0	77.1	77.2	77.3	77.4	77.
800	75.0	75.3	76.0	76.3	76.5	76.7	76.8	77.0	77.1	77.2	77.3	77.4	77.5	77.
700	75.1	75.4	76.1	76.4	76.6	76.8	76.9	77.1	77.2	77.3	77.4	77.5	77.6	77.
600	75.2	75.5	76.2	76.5	76.7	76.9	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.
500	75.3	75.6	76.3	76.6	76.8	77.0	77.1	77.3	77.4	77.5	77.6	77.7	77.8	77.
400	75.4	75.7	76.4	76.7	76.9	77.1	77.2	77.4	77.5	77.6	77.7	77.8	77.9	77.
300	75.5	75.8	76.5	76.8	77.0	77.2	77.3	77.5	77.6	77.7	77.8	77.9	78.0	78.
200	75.6	75.9	76.6	76.9	77.1	77.3	77.4	77.6	77.7	77.8	77.9	78.0	78.1	78.
100	75.7	76.0	76.7	77.0	77.2	77.4	77.5	77.7	77.8	77.9	78.0	78.1	78.2	78.
0	75.8	76.1	76.8	77.1	77.3	77.5	77.6	77.8	77.9	78.0	78.1	78.2	78.3	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION NAME _____ YEAR _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	½	¼	⅛	0		
NO CEILING		41.0	41.2	41.2	42.0	42.6	43.2	43.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 20000		46.2	46.3	46.3	46.3	46.4	46.4	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000		39.3	39.4	39.4	41.1	41.4	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 16000		39.3	39.4	39.4	41.1	41.4	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 14000		39.0	39.0	39.5	41.1	42.0	42.1	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 12000		42.3	42.3	42.3	44.0	44.6	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 10000		43.0	43.1	43.1	45.0	45.1	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 9000		49.3	49.4	49.6	52.0	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 8000		54.0	55.0	55.6	56.7	57.3	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 7000		59.2	60.1	60.1	62.2	63.2	63.2	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000		59.7	60.8	60.8	63.1	64.3	64.3	64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000		62.2	62.2	62.2	65.4	66.7	66.8	66.8	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500		64.0	64.1	64.1	67.2	68.1	68.2	68.3	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000		66.2	66.2	66.2	69.3	70.4	70.4	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 3500		69.3	69.4	69.4	71.7	72.8	72.8	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000		70.3	70.4	70.4	73.2	74.3	74.3	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	71.1	73.1	73.2	73.2	76.1	77.2	77.2	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	73.6	77.2	77.3	77.3	80.2	81.3	81.3	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1800	73.6	79.2	79.3	79.3	83.2	84.4	84.5	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	73.6	81.1	81.2	81.2	86.1	87.4	87.5	88.1	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200	73.7	82.0	82.0	82.0	86.1	88.3	88.3	89.5	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	81.5	84.2	84.2	84.6	90.6	91.6	91.9	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	81.5	84.6	84.6	84.9	90.7	91.5	91.8	92.5	92.9	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 800	82.3	85.7	85.7	85.9	91.7	92.7	93.0	93.8	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 700	83.1	86.3	86.5	92.5	93.5	94.3	94.6	94.9	95.2	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 600	83.4	86.7	87.0	93.1	94.2	95.1	95.6	95.9	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5
≥ 500	83.6	87.1	87.3	93.7	95.0	96.0	96.5	96.9	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7
≥ 400	83.8	87.3	87.5	93.9	95.5	96.5	97.0	97.3	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1
≥ 300	83.8	87.5	87.8	94.1	95.8	97.0	97.7	98.0	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0
≥ 200	83.8	87.5	87.9	94.4	95.9	97.2	98.1	98.6	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 100	83.8	87.5	87.9	94.4	95.9	97.2	98.1	98.6	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 0	83.8	87.5	87.9	94.4	95.9	97.2	98.1	98.6	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 85[illegible]

2

DATA FOR CEILING AND V
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

932[illegible] K[illegible] A[illegible] STATION NAME [illegible] YEARS [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] - [illegible]

CEILING FEET	VISIBILITY STATUTE MILES													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	<5/16
NO CEILING	37.0	37.4	37.4	37.7	37.7	.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 20000	42.0	42.7	42.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 15000	52.1	52.5	52.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 10000	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 5000	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 4500	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 4000	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 3500	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 3000	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 2500	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 2000	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 1800	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 1500	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 1200	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 1000	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 900	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 800	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 700	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 600	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 500	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 400	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 300	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 200	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 100	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 0	52.1	52.5	52.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0		
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS 874

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0		
NO CEILING	27.0	30.0	32.5	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0		99.
≥ 20000	27.0	30.0	32.5	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0		99.
≥ 18000	50.3	51.4	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9		51.
≥ 16000	50.3	51.4	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9		51.
≥ 14000	51.9	52.5	52.5	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2		53.
≥ 12000	53.1	54.3	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0		55.
≥ 10000	58.7	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7		60.
≥ 9000	59.1	61.2	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2		62.
≥ 8000	63.4	67.0	67.0	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5		68.
≥ 7000	69.4	70.7	70.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3		72.
≥ 6000	73.3	72.6	72.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4		74.
≥ 5000	73.5	74.2	74.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1		76.
≥ 4500	74.4	76.1	76.2	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3		78.
≥ 4000	75.7	77.5	77.6	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6		79.
≥ 3500	77.1	79.0	79.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1		82.
≥ 3000	81.4	83.3	83.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9		85.
≥ 2500	82.2	84.2	84.3	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4		87.
≥ 2000	84.2	86.6	86.7	89.6	90.0	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4		90.
≥ 1800	84.7	86.7	86.8	90.0	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6		90.
≥ 1500	85.7	88.1	88.2	91.4	92.0	92.2	92.2	92.2	92.2	92.5	92.6	92.6	92.6		92.
≥ 1200	86.7	89.2	89.3	92.7	93.2	93.6	93.7	93.7	93.7	93.9	94.0	94.0	94.1		94.
≥ 1000	87.4	89.9	90.0	93.4	94.0	94.3	94.7	94.7	94.7	94.9	95.0	95.0	95.0		95.
≥ 900	87.5	90.1	90.2	93.6	94.6	94.9	95.2	95.2	95.2	95.4	95.5	95.5	95.5		95.
≥ 800	87.7	90.4	90.5	94.1	94.9	95.3	95.5	95.5	95.5	95.7	95.7	95.8	95.8		95.
≥ 700	87.9	90.4	90.5	94.3	94.9	95.4	95.6	95.6	95.6	95.8	95.8	95.9	95.9		95.
≥ 600	88.3	91.0	91.1	94.8	95.6	95.9	96.2	96.2	96.2	96.4	96.5	96.5	96.5		96.
≥ 500	88.7	91.7	91.8	95.8	96.5	97.1	97.3	97.3	97.3	97.5	97.5	97.6	97.6		97.
≥ 400	89.3	92.0	92.1	96.2	97.2	98.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6		98.
≥ 300	89.2	92.2	92.3	96.7	97.4	98.3	98.5	98.5	98.6	98.8	99.1	99.2	99.2		99.
≥ 200	89.2	92.2	92.3	96.7	97.4	98.3	98.5	98.5	98.8	99.2	99.3	99.4	99.4		99.
≥ 100	89.2	92.2	92.3	96.7	97.4	98.3	98.6	98.6	98.9	99.4	99.6	99.7	99.7		100.
≥ 0	89.2	92.2	92.3	96.7	97.4	98.3	98.6	98.6	98.9	99.4	99.6	99.7	99.7		100.

1

TOTAL NUMBER OF OBSERVATIONS 88

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

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING		42.3	42.6	42.7	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000		50.8	50.6	50.6	51.0	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000		50.8	50.7	51.0	51.0	51.2	51.2	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000		50.8	50.8	51.1	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 14000		50.8	51.0	51.4	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000		51.0	51.0	53.2	54.0	54.0	54.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 10000		57.0	57.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000		59.1	59.5	60.4	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000		63.4	63.5	65.4	65.4	65.4	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000		66.4	66.6	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000		67.0	67.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000		70.2	70.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500		72.0	72.3	74.3	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000		73.3	73.6	75.5	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500		75.0	75.3	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000		78.0	78.5	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2500		79.0	80.4	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000		83.0	84.1	87.7	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1800		84.1	84.7	88.3	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500		86.0	86.6	90.3	90.3	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200		86.9	87.5	91.3	91.3	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000		88.4	88.7	92.6	92.6	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900		88.7	89.3	93.4	93.4	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800		89.1	89.6	93.8	93.9	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700		89.3	89.9	94.0	94.1	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600		89.0	90.2	94.4	94.6	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500		90.5	91.2	95.0	95.9	96.2	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400		90.9	91.6	95.9	96.4	96.8	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300		90.9	91.6	95.9	96.5	97.0	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200		90.9	91.6	95.9	96.5	97.0	98.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8
≥ 100		90.9	91.6	95.9	96.5	97.0	98.1	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2
≥ 0		91.0	91.7	96.1	96.6	97.1	98.2	98.5	98.9	99.0	99.2	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

4321 KIRTLAND AFB, NEW MEXICO (STATION NAME) 1963 (YEAR)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING		36.0	35.3	35.3	36.4	37.5	38.7	39.0	38.8	39.9	40.2	39.2	38.3	37.9	37.2	37.0
≥ 20000		42.7	44.2	44.4	45.2	45.2	45.4	45.5	46.0	46.6	47.8	46.7	46.7	46.7	46.7	46.7
≥ 18000		43.0	44.6	45.0	46.0	46.2	46.4	47.1	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000		43.4	44.9	45.1	46.1	46.3	46.7	47.2	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000		43.7	45.4	45.6	47.2	47.4	47.7	47.8	47.9	47.9	48.1	48.0	47.9	47.9	47.9	48.1
≥ 12000		46.1	47.0	47.3	49.2	49.7	50.0	50.1	50.2	50.3	50.4	50.4	50.3	50.3	50.4	50.4
≥ 10000		50.7	52.5	52.7	54.6	54.9	55.2	55.3	55.4	55.5	55.5	55.5	55.3	55.3	55.3	55.3
≥ 9000		52.2	53.7	54.1	56.0	56.3	56.6	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥ 8000		57.1	59.2	59.4	61.7	62.0	62.4	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥ 7000		60.4	62.7	62.9	65.2	65.6	66.0	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 6000		61.4	63.7	63.9	66.4	67.0	67.4	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5000		64.1	65.4	65.6	68.2	68.7	69.2	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4
≥ 4500		65.2	67.0	67.8	70.5	71.0	71.5	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000		67.6	69.2	69.7	72.6	73.0	73.4	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500		69.6	71.4	71.4	74.4	74.8	75.2	75.4	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000		71.3	74.0	74.3	77.6	78.0	78.4	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500		73.7	76.4	76.8	80.2	80.7	81.1	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000		75.7	79.0	80.1	84.1	84.6	85.1	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1800		77.0	80.6	81.1	85.1	85.6	86.2	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500		78.5	82.7	83.2	87.6	88.2	88.8	89.1	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1200		80.5	83.6	84.4	89.0	89.5	90.3	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1
≥ 1000		81.6	84.6	85.4	90.1	90.7	91.5	92.0	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5
≥ 900		82.1	85.2	85.8	90.7	91.4	92.2	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800		82.9	85.8	86.2	91.3	92.0	92.9	93.4	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9
≥ 700		83.4	86.6	86.7	91.9	92.6	93.5	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 600		83.7	86.9	87.2	92.2	93.2	94.2	94.9	95.0	95.3	95.4	95.4	95.4	95.4	95.5	95.5
≥ 500		84.3	86.7	87.7	93.2	94.0	95.1	95.9	96.1	96.4	96.5	96.6	96.6	96.6	96.6	96.6
≥ 400		84.4	87.2	88.1	93.6	94.7	95.9	96.8	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.7
≥ 300		84.5	87.5	88.3	94.0	95.1	96.2	97.2	97.6	97.9	98.1	98.2	98.3	98.4	98.4	98.5
≥ 200		84.5	87.5	88.3	94.0	95.0	96.4	97.2	98.0	98.6	98.9	99.0	99.1	99.2	99.4	99.4
≥ 100		84.5	87.5	88.3	94.1	95.1	96.4	97.6	98.1	98.7	99.2	99.4	99.4	99.5	99.7	99.7
≥ 0		84.5	87.5	88.3	94.1	95.0	96.4	97.6	98.1	98.7	99.2	99.4	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 8971

2

CEILING VERSUS VISIBILITY

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0	≥5/8	≥½	0
NO CEILING		71.	83.1	87.5	94.7	96.7	97.7	98.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 20000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 18000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 16000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 14000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 12000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 9000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 8000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 7000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0		93.0	97.6	98.3	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	10	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0	
NO CEILING		44.7	44.9	46.4	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000		44.8	46.2	48.0	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000		44.8	46.2	48.0	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 16000		44.8	46.2	48.0	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000		44.8	46.2	48.0	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 12000		49.3	50.9	52.7	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 10000		49.7	54.0	54.4	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 9000		50.1	54.9	55.3	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000		50.1	55.4	56.4	60.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000		50.7	56.3	57.2	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000		57.0	62.9	63.9	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000		59.2	64.7	65.8	70.3	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500		63.1	67.7	68.4	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000		63.3	68.1	69.3	74.0	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500		69.8	71.4	71.9	76.8	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000		70.5	75.3	75.9	81.0	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500		74.1	79.2	79.8	84.9	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000		77.3	82.3	83.1	88.1	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥ 1800		77.3	83.0	84.1	90.1	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 1500		80.2	86.1	86.7	92.0	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 1200		81.0	87.1	87.7	93.7	94.1	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8
≥ 1000		82.2	88.4	89.0	94.9	95.4	95.8	96.1	96.1	96.2	96.3	96.3	96.3	96.4	96.4
≥ 900		82.3	88.4	89.0	94.9	95.4	95.8	96.1	96.1	96.2	96.3	96.3	96.3	96.4	96.4
≥ 800		82.6	88.7	89.5	95.2	95.7	96.1	96.4	96.4	96.5	96.6	96.6	96.6	96.7	96.7
≥ 700		83.1	89.2	90.0	96.0	96.5	96.9	97.2	97.2	97.3	97.4	97.4	97.4	97.5	97.5
≥ 600		83.2	89.5	90.6	97.1	97.6	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.7	98.7
≥ 500		83.7	89.9	90.7	97.4	98.0	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2
≥ 400		83.7	89.9	90.7	97.5	98.1	98.6	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4
≥ 300		83.7	89.9	90.7	97.5	98.2	98.6	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.5
≥ 200		83.7	89.9	90.7	97.5	98.2	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5
≥ 100		83.7	89.9	90.7	97.5	98.3	98.6	98.9	99.2	99.3	99.4	99.4	99.5	99.6	100.0
≥ 0		83.7	89.9	90.7	97.5	98.3	98.6	98.9	99.2	99.3	99.4	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 87

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY STATUTE MILES

CEILING	≥ 10	10	7	5	4	3	2½	2	1½	1	⅞	½	¼	< ¼
≥ UNL	41.0	75.2	79.0	83.0	85.0	87.0	88.0	89.4	90.0	91.6	92.1	92.1	94.0	94.0	94.0	94.0	94.0	94.7
20000	42.1	77.4	81.4	85.0	87.0	89.0	90.0	91.4	92.0	93.2	93.7	93.7	95.4	95.4	95.4	95.4	95.4	96.0
≥ 15000	42.1	77.4	81.4	85.0	87.0	89.0	90.0	91.4	92.0	93.2	93.7	93.7	95.4	95.4	95.4	95.4	95.4	96.0
15000	42.1	77.4	81.4	85.0	87.0	89.0	90.0	91.4	92.0	93.2	93.7	93.7	95.4	95.4	95.4	95.4	95.4	96.0
≥ 10000	42.2	77.7	82.0	86.0	88.1	90.2	91.3	92.4	93.0	94.3	94.8	94.8	96.6	96.6	96.6	96.6	96.6	97.3
10000	42.2	77.7	82.0	86.0	88.1	90.2	91.3	92.4	93.0	94.3	94.8	94.8	96.6	96.6	96.6	96.6	96.6	97.3
≥ 7000	42.3	78.1	82.5	86.7	88.9	91.1	92.2	93.4	94.0	95.4	96.0	96.0	97.9	97.9	97.9	97.9	97.9	98.7
7000	42.3	78.2	82.6	86.8	89.0	91.2	92.3	93.5	94.1	95.5	96.1	96.1	98.0	98.0	98.0	98.0	98.0	98.8
≥ 5000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
5000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 4000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
4000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 3000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
3000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 2500	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
2500	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 2000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
2000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 1500	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
1500	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 1000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
1000	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 900	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
900	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 800	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
800	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 700	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
700	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 600	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
600	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 500	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
500	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 400	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
400	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 300	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
200	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
≥ 100	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0
0	42.4	78.4	82.8	87.0	89.2	91.4	92.5	93.7	94.3	95.7	96.3	96.3	98.2	98.2	98.2	98.2	98.2	99.0

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼
NO CEILING	43.0	45.3	45.7	47.0	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000	51.0	53.0	53.4	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	52.0	54.1	54.5	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 10000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 9000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 8000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 7000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 6000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 5000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 4500	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 4000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 3500	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 3000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 2500	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 2000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 1800	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 1500	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 1200	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 1000	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 900	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 800	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 700	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 600	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 500	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 400	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 300	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 200	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 100	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
< 100	52.0	54.2	54.6	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	0
≥ 20000	59.0	63.4	63.7	64.0	64.2	64.3	64.5	64.9	65.1	65.2	65.3	65.5	65.6	65.7	65.8	65.8
≥ 15000	64.2	68.7	69.0	69.3	69.5	69.6	69.8	70.2	70.4	70.5	70.6	70.8	70.9	71.0	71.1	71.1
≥ 10000	69.1	73.8	74.2	74.5	74.7	74.8	75.0	75.4	75.6	75.7	75.8	76.0	76.1	76.2	76.3	76.3
≥ 9000	69.6	74.3	74.7	75.0	75.2	75.3	75.5	75.9	76.1	76.2	76.3	76.5	76.6	76.7	76.8	76.8
≥ 8000	70.2	74.9	75.3	75.6	75.8	75.9	76.1	76.5	76.7	76.8	76.9	77.1	77.2	77.3	77.4	77.4
≥ 7000	70.8	75.6	76.0	76.3	76.5	76.6	76.8	77.2	77.4	77.5	77.6	77.8	77.9	78.0	78.1	78.1
≥ 6000	71.6	76.4	76.8	77.1	77.3	77.4	77.6	78.0	78.2	78.3	78.4	78.6	78.7	78.8	78.9	78.9
≥ 5000	72.7	77.6	78.0	78.3	78.5	78.6	78.8	79.2	79.4	79.5	79.6	79.8	79.9	80.0	80.1	80.1
≥ 4500	73.4	78.3	78.7	79.0	79.2	79.3	79.5	79.9	80.1	80.2	80.3	80.5	80.6	80.7	80.8	80.8
≥ 4000	74.0	79.0	79.4	79.7	79.9	80.0	80.2	80.6	80.8	80.9	81.0	81.2	81.3	81.4	81.5	81.5
≥ 3500	74.8	79.8	80.2	80.5	80.7	80.8	81.0	81.4	81.6	81.7	81.8	82.0	82.1	82.2	82.3	82.3
≥ 3000	75.8	80.8	81.2	81.5	81.7	81.8	82.0	82.4	82.6	82.7	82.8	83.0	83.1	83.2	83.3	83.3
≥ 2500	77.1	82.1	82.5	82.8	83.0	83.1	83.3	83.7	83.9	84.0	84.1	84.3	84.4	84.5	84.6	84.6
≥ 2000	78.4	83.4	83.8	84.1	84.3	84.4	84.6	85.0	85.2	85.3	85.4	85.6	85.7	85.8	85.9	85.9
≥ 1800	78.9	83.9	84.3	84.6	84.8	84.9	85.1	85.5	85.7	85.8	85.9	86.1	86.2	86.3	86.4	86.4
≥ 1500	79.4	84.4	84.8	85.1	85.3	85.4	85.6	86.0	86.2	86.3	86.4	86.6	86.7	86.8	86.9	86.9
≥ 1200	80.2	85.2	85.6	85.9	86.1	86.2	86.4	86.8	87.0	87.1	87.2	87.4	87.5	87.6	87.7	87.7
≥ 1000	80.8	85.8	86.2	86.5	86.7	86.8	87.0	87.4	87.6	87.7	87.8	88.0	88.1	88.2	88.3	88.3
≥ 900	81.1	86.1	86.5	86.8	87.0	87.1	87.3	87.7	87.9	88.0	88.1	88.3	88.4	88.5	88.6	88.6
≥ 800	81.4	86.4	86.8	87.1	87.3	87.4	87.6	88.0	88.2	88.3	88.4	88.6	88.7	88.8	88.9	88.9
≥ 700	81.7	86.7	87.1	87.4	87.6	87.7	87.9	88.3	88.5	88.6	88.7	88.9	89.0	89.1	89.2	89.2
≥ 600	82.0	87.0	87.4	87.7	87.9	88.0	88.2	88.6	88.8	88.9	89.0	89.2	89.3	89.4	89.5	89.5
≥ 500	82.2	87.2	87.6	87.9	88.1	88.2	88.4	88.8	89.0	89.1	89.2	89.4	89.5	89.6	89.7	89.7
≥ 400	82.3	87.3	87.7	88.0	88.2	88.3	88.5	88.9	89.1	89.2	89.3	89.5	89.6	89.7	89.8	89.8
≥ 300	82.4	87.4	87.8	88.1	88.3	88.4	88.6	89.0	89.2	89.3	89.4	89.6	89.7	89.8	89.9	89.9
≥ 200	82.5	87.5	87.9	88.2	88.4	88.5	88.7	89.1	89.3	89.4	89.5	89.7	89.8	89.9	90.0	90.0
≥ 100	82.6	87.6	88.0	88.3	88.5	88.6	88.8	89.2	89.4	89.5	89.6	89.8	89.9	90.0	90.1	90.1
≥ 0	82.6	87.6	88.0	88.3	88.5	88.6	88.8	89.2	89.4	89.5	89.6	89.8	89.9	90.0	90.1	90.1

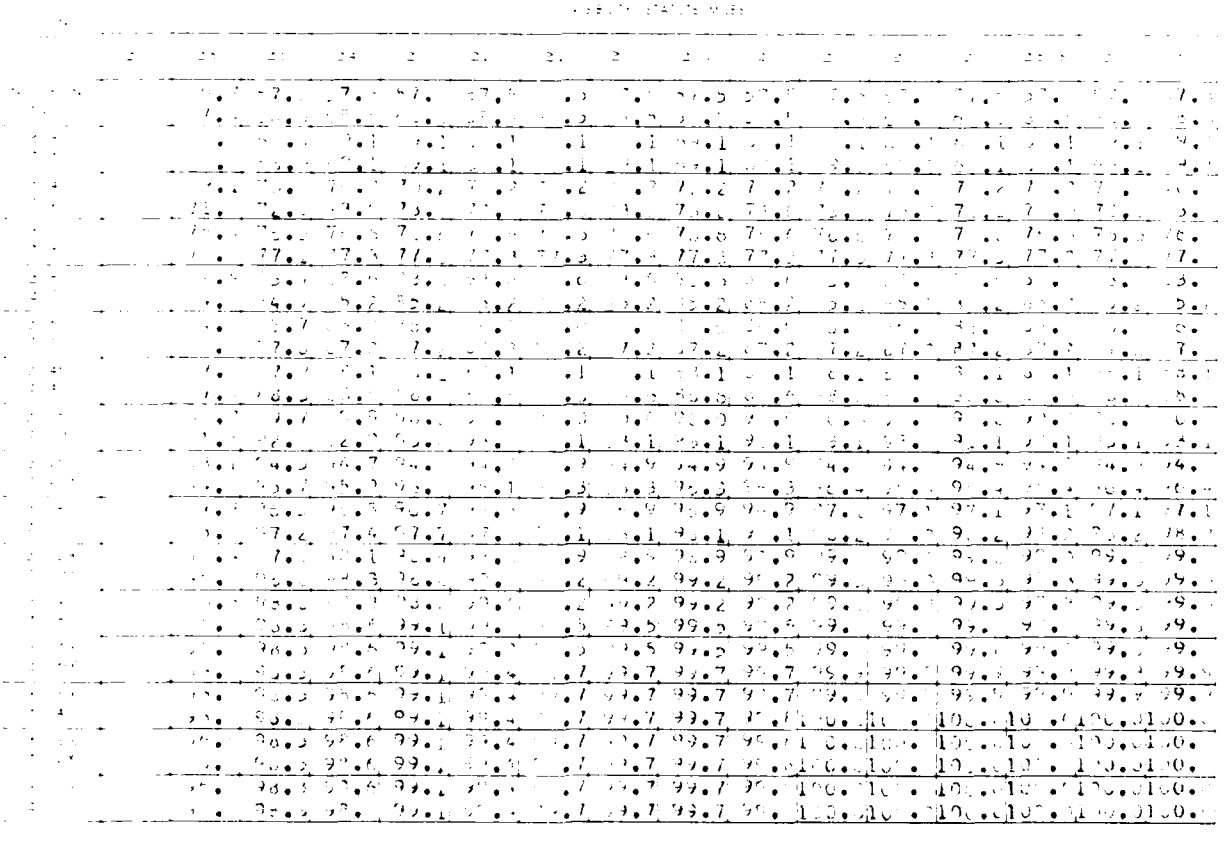
TOTAL NUMBER OF OBSERVATIONS 88[illegible]

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	26	25	≥4	≥3	≥2	≥2	≥1	≥1	1	≥¾	≥½	½	25/16	≥¼	≥0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 867

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY — STATUTE MILES

CEILING — FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0
NO CEILING													
≥ 20000													
≥ 15000													
≥ 10000													
≥ 9000													
≥ 8000													
≥ 7000													
≥ 6000													
≥ 5000													
≥ 4500													
≥ 4000													
≥ 3500													
≥ 3000													
≥ 2500													
≥ 2000													
≥ 1800													
≥ 1500													
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500													
≥ 400													
≥ 300													
≥ 200													
≥ 100													
≥ 0													

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼			
INDEFINITE CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY, STATUTE MILES

CEILING, FEET	2 OR MORE	2	1 1/2	1	7/8	3/4	5/8	1/2	3/8	1/4	1/8	0	2 OR MORE	1 1/4	1 OR LESS
NO CEILING	92.7	93.0	94.1	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.
20000	1.	92.	92.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
15000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
12000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
10000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
9000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
8000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
7000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
6000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
5000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
4500	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
4000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
3500	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
3000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
2500	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
2000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
1800	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
1500	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
1200	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
1000	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
900	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
800	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
700	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
600	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
500	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
400	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
300	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
200	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
100	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
0	1.	92.	93.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	⅞	¾	½	⅜	¼	0
NO CEILING		57.3	71.0	82.3	86.1	89.3	90.0	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4
≥ 20000		57.3	71.0	82.3	86.1	89.4	90.1	97.4	97.5	97.5	97.7	97.7	97.8	98.0	98.0
≥ 18000		57.4	71.4	82.6	86.4	89.7	90.4	97.7	97.8	97.8	98.0	98.0	98.1	98.3	98.3
≥ 16000		57.4	71.4	82.6	86.4	89.7	90.4	97.7	97.8	97.8	98.0	98.0	98.1	98.3	98.3
≥ 14000		57.4	71.4	82.6	86.4	89.7	90.4	97.7	97.8	97.8	98.0	98.0	98.1	98.3	98.3
≥ 12000		57.4	71.4	82.6	86.4	89.7	90.4	97.7	97.8	97.8	98.0	98.0	98.1	98.3	98.3
≥ 10000		68.0	78.3	87.2	90.5	93.1	93.8	97.7	97.8	97.8	98.0	98.0	98.1	98.3	98.3
≥ 9000		68.0	78.3	87.2	90.5	93.1	93.8	97.7	97.8	97.8	98.0	98.0	98.1	98.3	98.3
≥ 8000		72.2	82.6	91.4	94.7	96.4	97.1	98.1	98.2	98.2	98.4	98.4	98.5	98.7	98.7
≥ 7000		74.6	85.0	93.8	97.1	98.8	99.5	99.5	99.6	99.6	99.8	99.8	99.9	100.0	100.0
≥ 6000		74.6	85.0	93.8	97.1	98.8	99.5	99.5	99.6	99.6	99.8	99.8	99.9	100.0	100.0
≥ 5000		75.9	86.3	95.1	98.4	100.1	100.8	100.8	100.9	100.9	101.1	101.1	101.2	101.3	101.3
≥ 4500		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 4000		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 3500		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 3000		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 2500		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 2000		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 1800		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 1500		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 1200		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 1000		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 900		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 800		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 700		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 600		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 500		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 400		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 300		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 200		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
≥ 100		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6
0		77.2	87.6	96.4	99.7	101.4	102.1	102.1	102.2	102.2	102.4	102.4	102.5	102.6	102.6

TOTAL NUMBER OF OBSERVATIONS 86

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	
≥ 20000		51.3	51.4	52.2	53.0	53.2	53.6	53.7	49.4	47.8	47.3	47.0	47.0	47.0	46.
≥ 18000		46.4	47.2	56.2	54.0	54.2	54.6	54.7	57.6	57.0	57.0	56.9	56.9	56.9	56.
≥ 16000		46.4	49.2	50.2	55.0	55.2	55.7	55.8	56.3	56.7	56.7	56.7	56.7	56.7	59.
≥ 14000		46.4	49.2	50.8	55.0	55.2	55.7	55.8	56.3	56.7	56.7	56.7	56.7	56.7	59.
≥ 12000		48.4	50.1	52.3	57.0	57.3	57.8	58.0	60.0	60.3	60.3	60.3	60.4	60.5	1.
≥ 10000		51.0	54.2	55.3	60.2	60.7	61.2	61.4	63.7	64.1	64.1	64.2	64.2	64.3	5.
≥ 9000		57.7	60.2	61.7	67.0	67.7	68.3	68.5	71.1	71.8	72.3	72.7	72.8	73.0	13.
≥ 8000		58.3	62.2	63.5	69.2	70.4	71.2	71.8	72.3	72.8	72.7	72.7	72.8	73.0	13.
≥ 7000		63.3	67.7	69.4	75.7	76.1	77.3	78.3	78.9	79.1	79.1	79.1	79.2	79.5	0.
≥ 6000		66.1	70.9	71.7	78.1	79.1	79.9	80.9	81.1	81.5	81.6	81.7	81.8	82.0	2.
≥ 5000		66.1	70.4	72.2	78.3	79.7	80.3	81.2	81.7	82.0	82.2	82.3	82.4	82.6	3.
≥ 4500		66.3	71.2	73.3	80.2	81.3	82.2	82.9	83.3	83.7	83.7	83.8	84.2	84.4	5.
≥ 4000		69.3	73.4	75.2	81.6	82.7	83.6	84.3	84.7	85.1	85.1	85.2	85.4	85.6	0.
≥ 3500		69.4	73.2	75.9	82.1	83.2	84.1	85.4	85.9	86.3	86.3	86.4	86.6	86.7	0.
≥ 3000		71.3	75.0	77.6	84.2	85.5	86.6	87.3	87.8	88.1	88.1	88.2	88.3	88.4	0.
≥ 2500		72.4	76.0	78.8	85.2	86.7	87.9	88.6	89.1	89.4	89.4	89.7	89.8	89.9	0.
≥ 2000		73.1	76.5	80.5	87.0	88.3	89.7	90.4	91.0	91.3	91.3	91.4	91.6	91.7	0.
≥ 1800		73.5	77.1	81.9	89.1	90.5	91.8	92.3	92.8	93.2	93.2	93.4	93.6	93.7	0.
≥ 1500		75.2	79.3	82.2	89.3	90.7	92.5	93.2	93.8	93.4	93.4	93.7	93.8	93.9	0.
≥ 1200		75.3	79.1	83.5	91.1	92.5	93.8	94.4	95.0	95.3	95.3	95.4	95.6	95.7	0.
≥ 1000		77.1	81.9	84.3	91.9	93.3	94.1	95.2	95.8	96.1	96.1	96.4	96.5	96.6	0.
≥ 900		77.2	82.2	84.5	92.2	93.7	94.5	95.5	96.1	96.5	96.5	96.7	96.8	96.9	0.
≥ 800		77.2	82.3	84.6	92.3	93.7	94.6	95.7	96.2	96.6	96.6	96.8	96.9	97.0	0.
≥ 700		77.2	82.4	84.7	92.4	93.8	94.7	95.8	96.4	96.8	96.8	97.0	97.1	97.2	0.
≥ 600		77.2	82.4	84.9	92.6	94.0	95.0	96.0	96.6	96.9	96.9	97.1	97.2	97.3	0.
≥ 500		77.2	82.4	84.9	92.6	94.0	95.0	96.2	96.8	97.2	97.2	97.3	97.4	97.5	0.
≥ 400		77.2	82.5	85.0	92.7	94.1	95.3	96.5	97.1	97.4	97.4	97.5	97.6	97.7	0.
≥ 300		77.3	82.7	85.2	93.0	94.4	95.5	96.9	97.5	97.9	97.9	98.0	98.1	98.2	0.
≥ 200		77.3	82.7	85.2	93.0	94.4	95.5	96.9	97.5	97.9	97.9	98.0	98.1	98.2	0.
≥ 100		77.3	82.7	85.2	93.0	94.4	95.5	96.9	97.5	97.9	97.9	98.0	98.1	98.2	0.
≥ 0		77.3	82.7	85.2	93.0	94.4	95.5	96.9	97.5	97.9	97.9	98.0	98.1	98.2	0.

TOTAL NUMBER OF OBSERVATIONS 852

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

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0	25/16	≥0
≥ 20000															
≥ 15000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
1000															
≥ 900															
≥ 800															
≥ 700															
600															
≥ 500															
400															
≥ 300															
200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES															
	10	9	8	7	6	5	4	3	2	1 1/2	1	3/4	1/2	1/4	0
≥ 22000															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 11000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1600															
≥ 1400															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

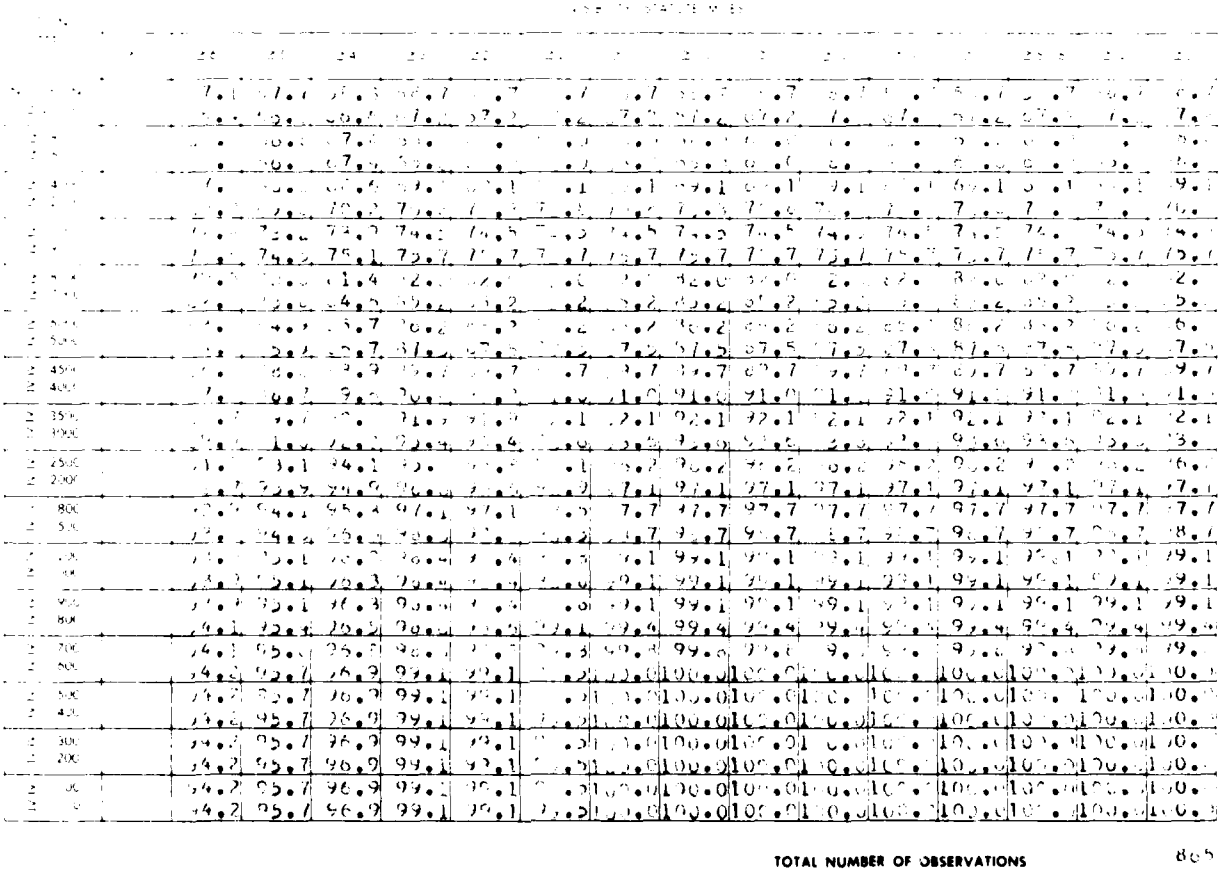
CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	10	9	8	7	6	5	4	3	2½	2	1½	1	¾	½	¼	0
22000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
20000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
18000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
16000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
14000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
12000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
10000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
9000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
8000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
7000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
6000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
5000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
4500	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
4000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
3500	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
3000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2500	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1800	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1600	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1400	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1200	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
900	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
800	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
700	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
600	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
500	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
400	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
300	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
200	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 877

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

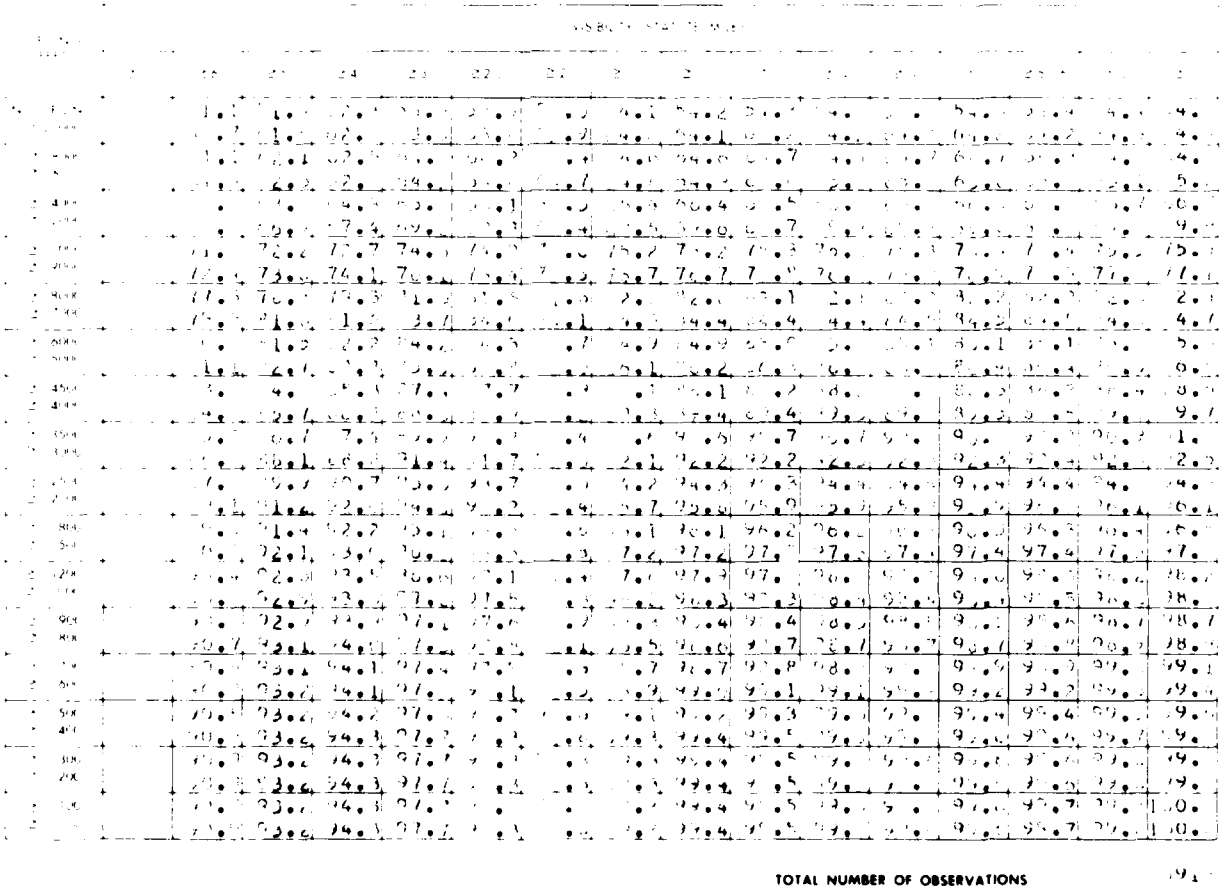


TOTAL NUMBER OF OBSERVATIONS 865

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

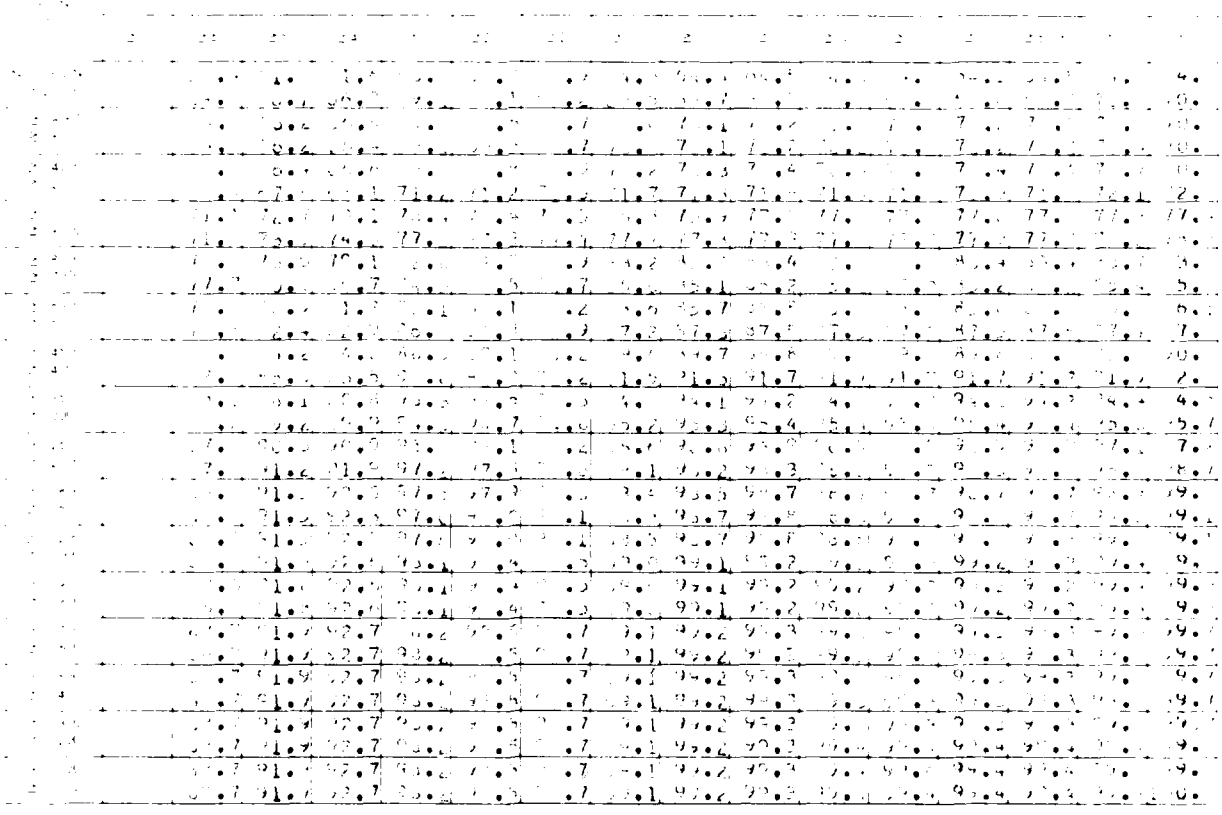
CEILING (FEET)	≥7	≥6	≥5	≥4	≥3	≥2	≥1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL		1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		7.	9[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	7.4	7[illegible]	[illegible]	[illegible]	7.	[illegible]	[illegible]	1.
[illegible]		[illegible]	7[illegible]	[illegible]	71.	[illegible].3	7.3	71.6	71.6	7[illegible]	71.	[illegible]	7.	[illegible]	[illegible]	71.
[illegible]		[illegible]	7[illegible]	[illegible].3	71.	[illegible]	7.3	[illegible]1.4	[illegible]	7[illegible]	71.	[illegible]	7.	[illegible]	[illegible]	1.
[illegible]		[illegible]	7[illegible]	70.5	71.	[illegible].5	7.5	[illegible]1.6	71.6	71.7	71.	[illegible]	7.	[illegible]	71.	72.
[illegible]		[illegible]	72.2	72.5	72.	[illegible]	7.2	[illegible].6	7[illegible]	7[illegible].7	[illegible]	[illegible]	7.	[illegible]	[illegible]	74.
≥ 10000		[illegible]	77.	7[illegible].1	79.	[illegible].1	7.1	[illegible].2	[illegible]	[illegible].2	[illegible]	[illegible]	7	[illegible]	[illegible]	9.
[illegible]		77.1	79.	79.2	[illegible].1	[illegible].2	[illegible].2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		1.	[illegible]	[illegible]4.	[illegible]	[illegible]	[illegible]	5.7	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.
[illegible]		1.	[illegible]4.7	[illegible].1	30.	[illegible].3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.
[illegible]		2.	[illegible].5	[illegible]6.2	[illegible]7.	[illegible]7.4	[illegible].4	7.5	87.5	[illegible]7.7	7.	[illegible]	87.7	7.7	[illegible]	8.
[illegible]		4.1	[illegible]7.1	87.4	87.	[illegible].1	.1	[illegible].2	[illegible].2	[illegible].3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.
≥ 4500		[illegible]	[illegible]9.2	[illegible]	92.	[illegible].1	.1	2.3	92.3	[illegible].4	[illegible]	[illegible]	9[illegible].4	[illegible]	[illegible]	2.
≥ 4000		[illegible]	91.2	92.1	93.	[illegible]	[illegible]	[illegible]4.1	94.1	[illegible].2	4.	[illegible]	9[illegible]	[illegible].2	[illegible]	4.
≥ 3500		[illegible]	92.7	93.6	95.	[illegible].2	.2	[illegible].3	95.3	[illegible].4	5.	[illegible]	9[illegible]	[illegible]	[illegible]	5.
[illegible]		[illegible]	93.6	[illegible].5	96.	[illegible].5	.5	[illegible].6	[illegible]	[illegible].7	[illegible].7	[illegible]	9[illegible].7	[illegible].7	[illegible]	7.
≥ 2500		[illegible]1.	94.2	95.2	97.	97.2	.3	7.4	97.4	97.5	97.	97.	97.5	97.5	7.	8.
≥ 2000		1.	94.9	95.6	97.0	97.2	.0	[illegible].1	98.1	98.2	[illegible]	[illegible]	9[illegible]	[illegible]	[illegible]	8.7
≥ 1800		1.	94.9	95.5	97.0	97.	.0	[illegible].1	98.1	98.2	98.	[illegible]	9[illegible]	9	[illegible]	8.7
≥ 1500		1.	95.1	95.7	97.	[illegible]	.1	[illegible].2	98.2	9[illegible].3	9[illegible]	[illegible]	9[illegible].3	9[illegible].3	[illegible]	8.
≥ 1200		1.	95.4	96.1	98.	9[illegible].5	.7	[illegible]	98.8	9[illegible].9	[illegible]	[illegible]	9[illegible]	9[illegible]	99.	99.
≥ 1000		1.	95.5	96.2	98.4	9[illegible]	[illegible]	99.0	99.0	99.1	99.1	[illegible]	99.1	9[illegible].1	[illegible]	99.
≥ 900		2.	95.[illegible]	96.3	98.	[illegible]	.0	99.1	99.1	99.2	99.	99.	9[illegible]	9[illegible].2	99.	99.
≥ 800		92.	95.0	96.3	98.	9[illegible]	9.0	99.1	99.1	99.2	99.	9[illegible]	99.[illegible]	9[illegible].2	99.	99.
≥ 700		92.1	95.7	96.4	98.	99.1	.2	99.4	99.4	99.6	99.	9[illegible]	99.	9[illegible]	99.7	00.
≥ 600		92.1	95.7	96.4	98.	99.1	.2	99.4	99.4	99.6	99.	9[illegible]	99.	9[illegible]	99.7	00.
≥ 500		92.1	95.7	96.4	98.	99.1	.2	99.4	99.4	99.6	99.	9[illegible]	99.	9[illegible].6	99.7	00.
≥ 400		92.1	95.7	96.4	98.	99.1	.2	99.4	99.4	99.6	99.	9[illegible]	99.	9[illegible].6	99.7	00.
≥ 300		92.1	95.7	96.4	98.	99.1	.2	99.4	99.4	99.6	99.	9[illegible]	99.	9[illegible]	99.7	00.
≥ 200		92.1	95.7	96.4	98.	99.1	.2	99.4	99.4	99.6	99.	9[illegible]	99.	9[illegible]	99.7	00.
≥ 100		92.1	95.7	96.4	98.	99.1	.2	99.4	99.4	99.6	99.	9[illegible]	99.	9[illegible]	99.7	00.
≥		92.1	95.7	96.4	98.	99.1	.2	99.4	99.4	99.6	99.	9[illegible]	99.	9[illegible]	99.7	00.

TOTAL NUMBER OF OBSERVATIONS 8?1

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼			
≥ UNLIMITED																
≥ 30000																
≥ 25000																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	10	9	8	7	6	5	4	3	2½	2	1½	1	½	0	
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1600																
1400																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0
20000													
15000													
10000													
9000													
8000													
7000													
6000													
5000													
4500													
4000													
3500													
3000													
2500													
2000													
1800													
1600													
1400													
1200													
1000													
900													
800													
700													
600													
500													
400													
300													
200													
100													
0													

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼			
≥ 22000															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
< 100															

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES

CEILING HEIGHT	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0
25000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4500	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3500	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	25.7	97.4	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	1/4	0							
≥ 20000																
≥ 15000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
< 100																

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼			
≥ 22000																
≥ 18000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING															
≥ 22000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
= 0															

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS 8

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	0				
≥ 22000																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 11000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
< 200																

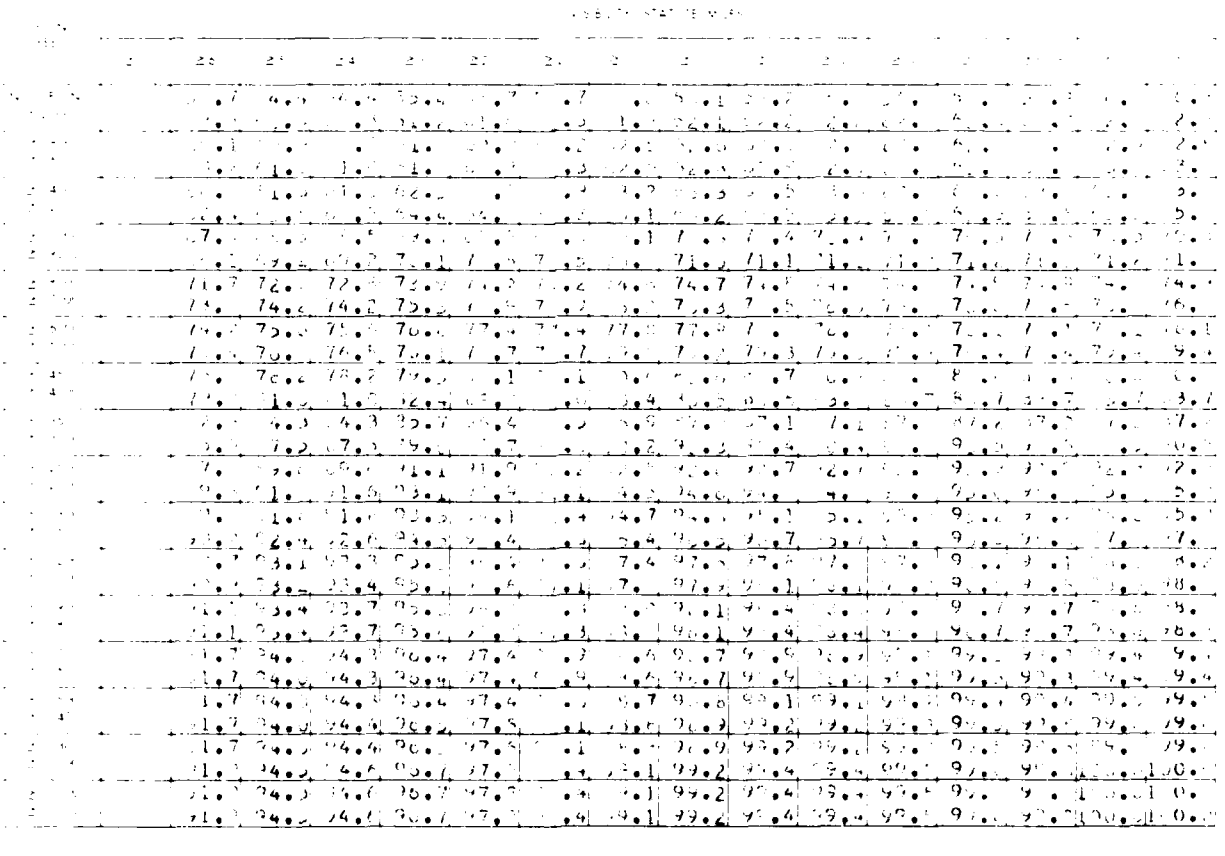
TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

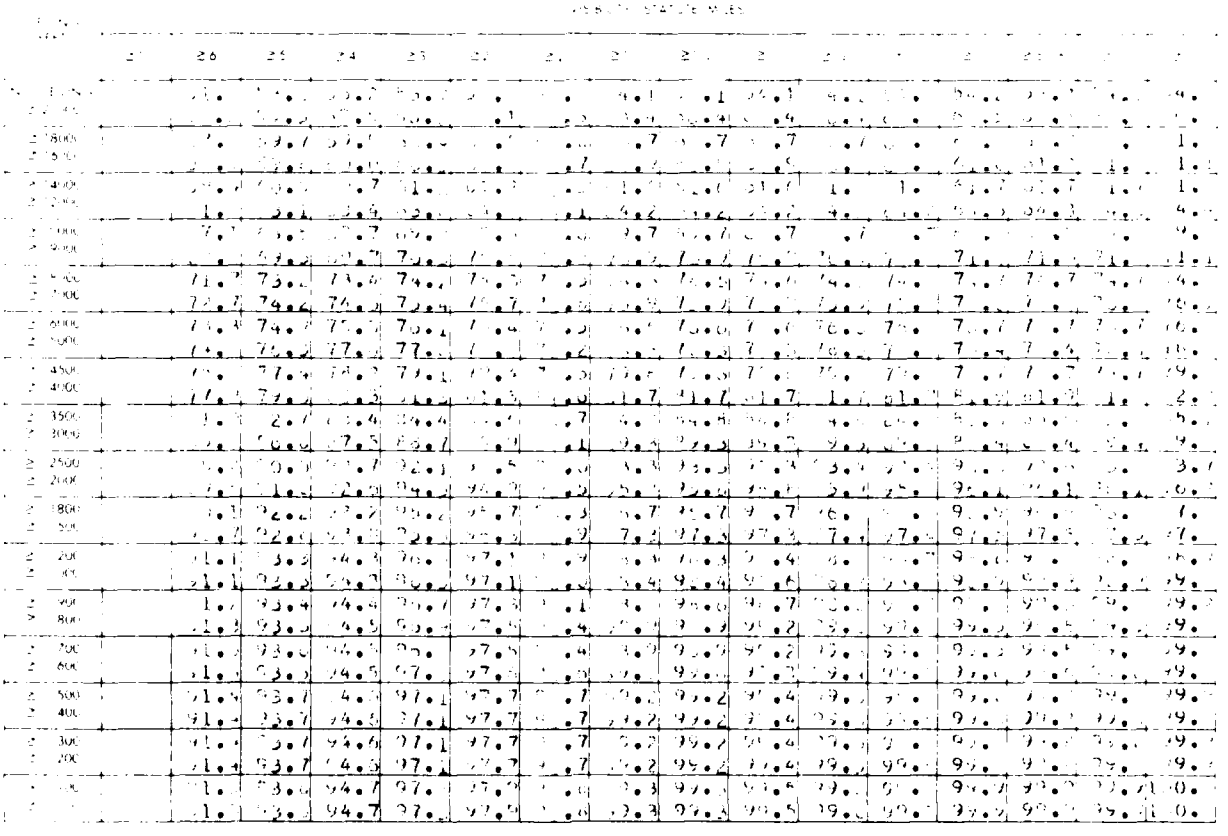
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



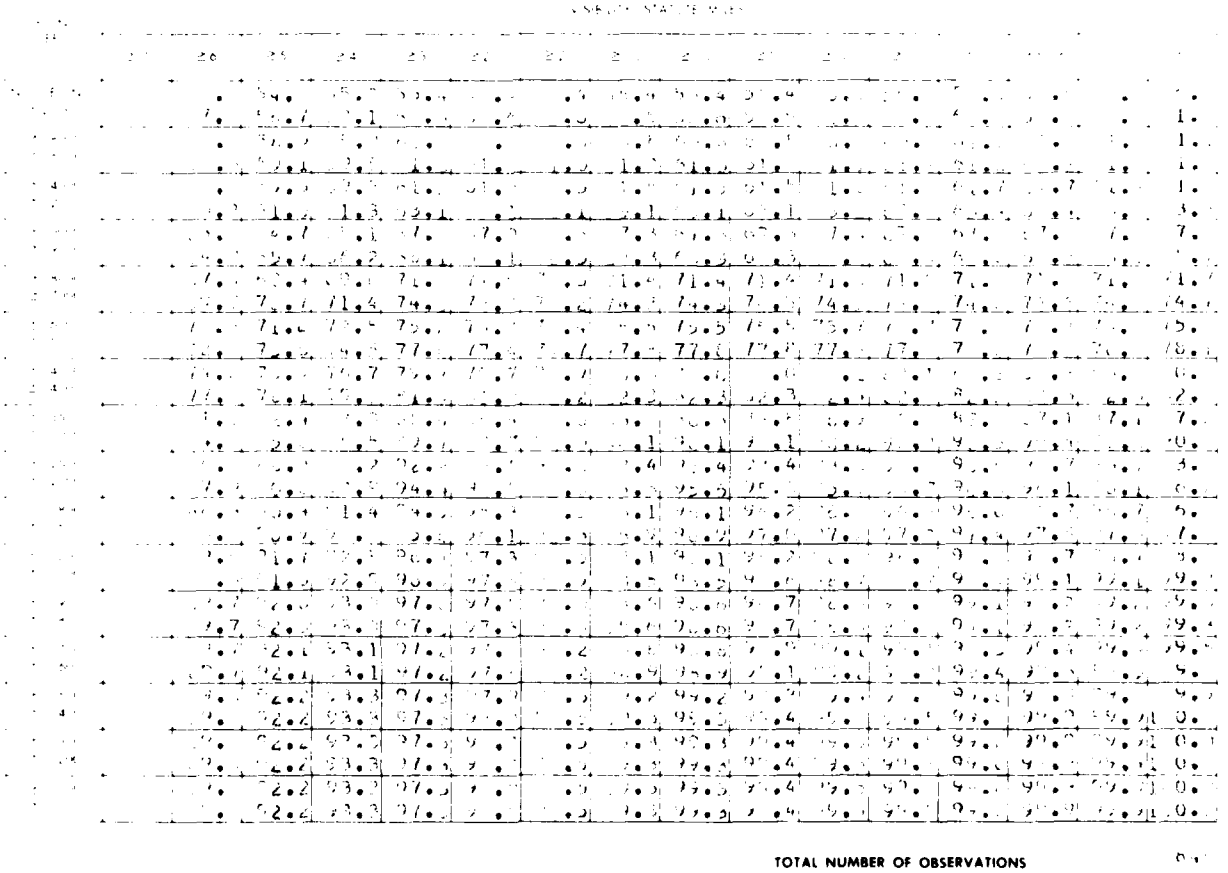
TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

1

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
NO CEILING													
≥ 20000													
≥ 18000													
≥ 16000													
≥ 14000													
≥ 12000													
≥ 10000													
≥ 9000													
≥ 8000													
≥ 7000													
≥ 6000													
≥ 5000													
≥ 4500													
≥ 4000													
≥ 3500													
≥ 3000													
≥ 2500													
≥ 2000													
≥ 1800													
≥ 1500													
≥ 1400													
≥ 1300													
≥ 1200													
≥ 1100													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500													
≥ 400													
≥ 300													
≥ 200													
≥ 100													
≥ 0													

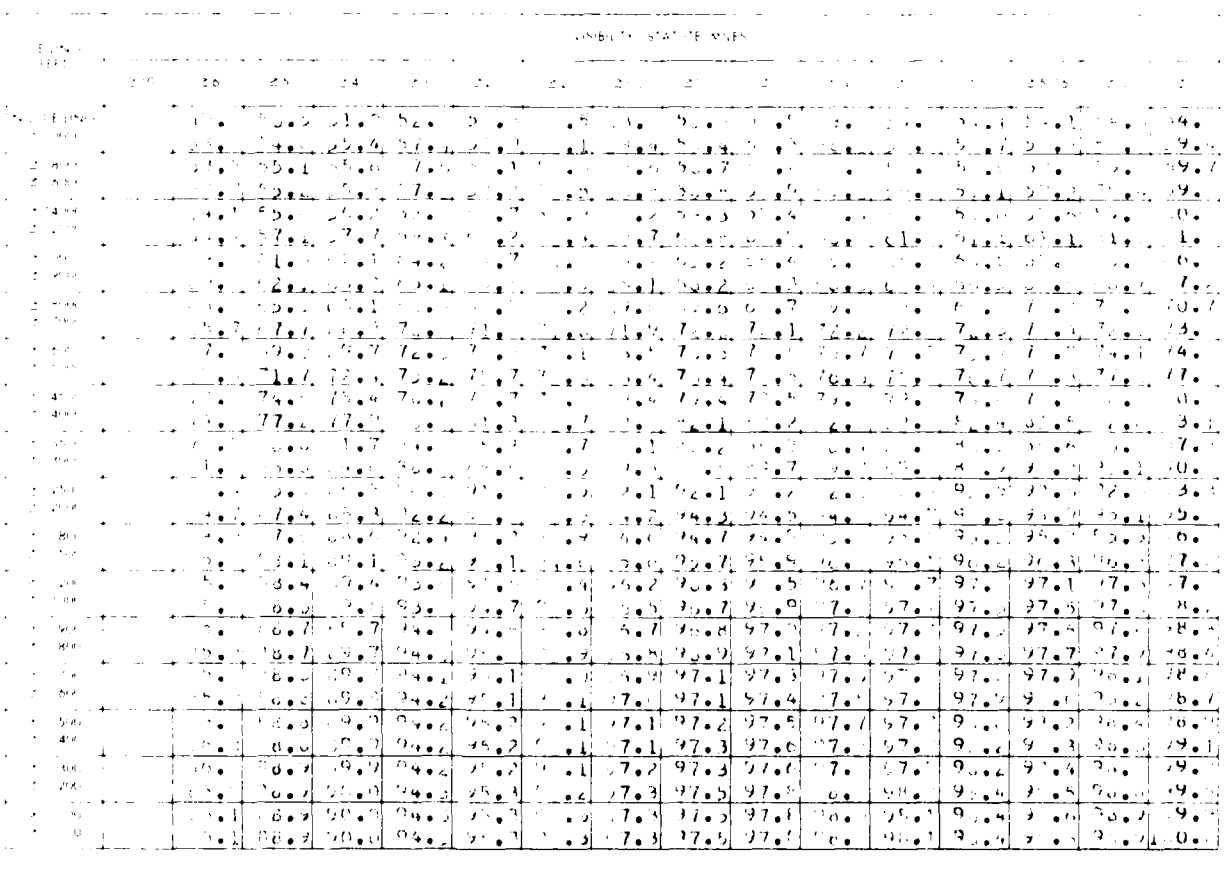
TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY, STATUTE MILES

CEILING, FEET	≥10	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼
≥ 10000												
≥ 7000												
≥ 5000												
≥ 4500												
≥ 4000												
≥ 3500												
≥ 3000												
≥ 2500												
≥ 2000												
≥ 1800												
≥ 1500												
≥ 1200												
≥ 1000												
≥ 900												
≥ 800												
≥ 700												
≥ 600												
≥ 500												
≥ 400												
≥ 300												
≥ 200												
< 200												

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	30	25	20	15	12	10	8	6	5	4	3	2½	2	1½	1	½
22000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1600																
1400																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼		
NO CEILING	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 20000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 18000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 16000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 14000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 12000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 11000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 10000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 9000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 8000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 7000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 6000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 5000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 4500	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 4000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 3500	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 3000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 2500	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 2000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 1800	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 1600	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 1400	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 1200	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 1000	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 900	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 800	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 700	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 600	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 500	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 400	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 300	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 200	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 100	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	
≥ 0	77.1	1.6	21.7	26.2	27.1	.2	.1	1.2	3.7	5.7	3.6	3.6	3.6	9.	

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY, STATUTE MILES

CEILING, FEET	10+	10	9	8	7	6	5	4	3	2½	2	1½	1	½	0
20,000+															
15,000															
10,000															
9,000															
8,000															
7,000															
6,000															
5,000															
4,500															
4,000															
3,500															
3,000															
2,500															
2,000															
1,800															
1,600															
1,400															
1,200															
1,000															
900															
800															
700															
600															
500															
400															
300															
200															
100															
0															

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
≥ 20000	44.1	53.0	54.0	57.0	57.6	58.1	58.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 15000	51.1	61.1	62.1	64.1	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000	51.1	61.1	62.1	64.1	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000	52.0	62.0	63.0	65.0	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	54.4	64.4	65.4	67.4	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4500	55.0	65.0	66.0	68.0	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000	56.1	66.1	67.1	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3500	58.1	68.1	69.1	71.1	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3000	59.1	69.1	70.1	72.1	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2500	61.1	71.1	72.1	74.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2000	62.2	72.2	73.2	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1800	62.2	72.2	73.2	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1500	62.2	72.2	73.2	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1200	62.2	72.2	73.2	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1000	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 900	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 800	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 700	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 600	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 500	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 400	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 300	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 200	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 100	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
0	63.2	73.2	74.2	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	100.0

TOTAL NUMBER OF OBSERVATIONS 812

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1							
		41.7	41.7	42.2				42.5								2.
		41.3	41.3	42.				42.2								
																10.
		42.6	49.2	50.												
≥ 4000		47.4	47.4	50.				50.5								0.
≥ 3000		51.3	51.3	52.				52.5								2.
≥ 2500		54.	54.2	55.				55.3								5.
≥ 2000		54.9	54.9	55.				55.2								5.
≥ 1500		57.	57.	57.				57.4								0.
≥ 1000		61.4	61.4	62.				62.4								3.
≥ 900		62.6	62.7	63.				63.9								4.
≥ 800		66.	66.	66.				66.2								3.
≥ 700		69.3	69.	71.				71.7								8.
≥ 600		73.1	74.1	74.				74.7								16.
≥ 500		77.	77.	78.				78.7								30.
≥ 400		80.1	80.	82.				82.5								38.
≥ 300		85.1	85.	87.				87.5								51.
≥ 200		87.5	88.	91.				91.5								64.
≥ 150		89.1	89.	92.				92.9								76.
≥ 100		89.2	89.	92.				92.9								76.
≥ 50		89.2	89.	92.				92.9								76.
0		89.2	89.	92.				92.9								76.

TOTAL NUMBER OF OBSERVATIONS 87

1

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

2

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0			
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

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

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY IN STATUTE MILES

CEILING IN FEET	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0
12000	44.1	45.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
10000	45.1	46.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
9000	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
8000	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
7000	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
6000	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
5000	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
4500	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
4000	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
3500	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
3000	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
2500	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
2000	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
1800	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
1500	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
1200	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
1000	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
900	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
800	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
700	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
600	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
500	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
400	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
300	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
200	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
100	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1
0	47.1	47.1	47.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	45.1

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

LOCATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

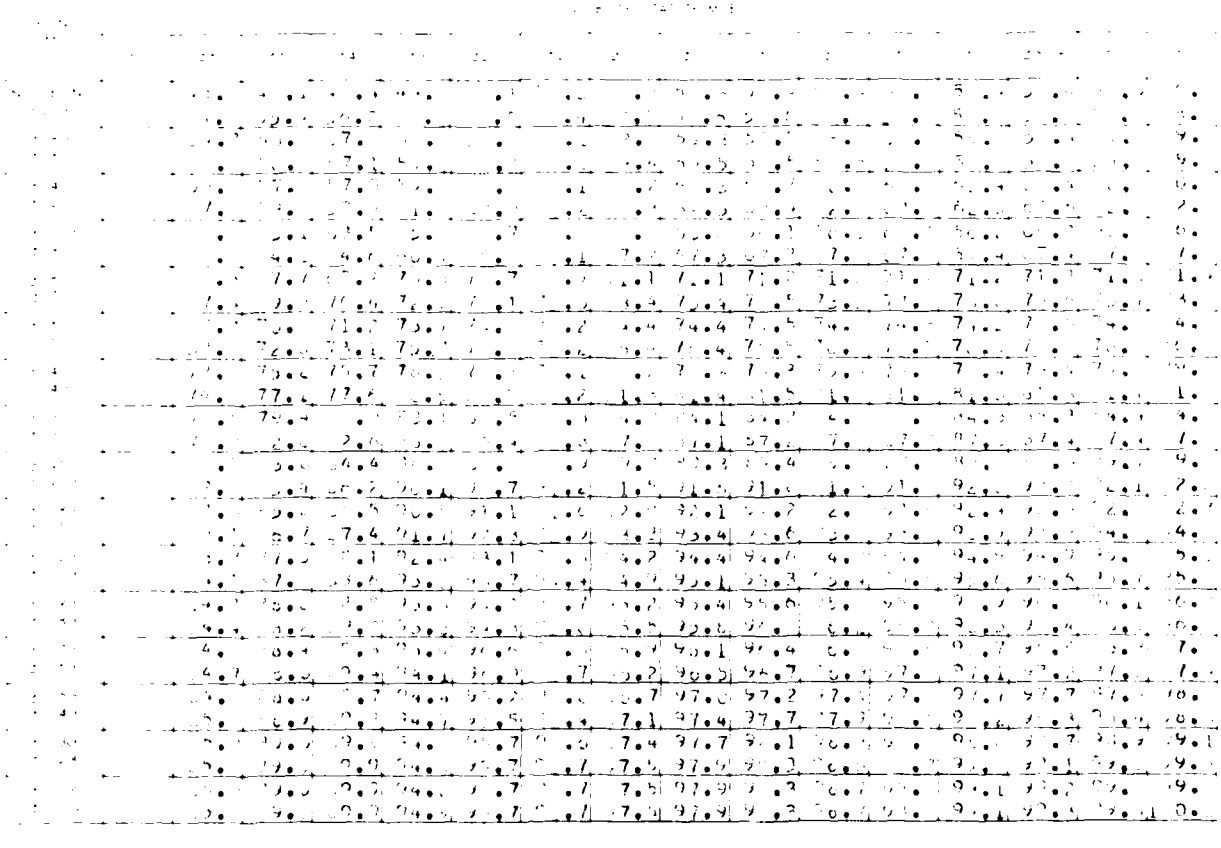
CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0	5/8	½	¼
≥ UNL																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

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

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



TOTAL NUMBER OF OBSERVATIONS

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. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

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

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

SKY COVER

STATION _____ STATION NAME _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	
		0	1	2	3	4	5	6	7	8	9	10		
	0-5	1.1	2.7		2.7	6.[illegible]	5.	10.2		[illegible]	[illegible]	[illegible]	[illegible]	27
	6-11	16.1	9.0		8.[illegible]	4.7	4.	3.[illegible]		[illegible]	14.7	[illegible]	[illegible]	27
	12-17	3.7	14.0		3.1	6.1	4.	[illegible]		11.[illegible]	12.[illegible]	[illegible]	[illegible]	27
	18-23	3.[illegible]	13.3		[illegible]	5.9	2.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	27
	0-23	7.[illegible]	9.4		5.[illegible]	5.3	0.	[illegible]		[illegible]	10.[illegible]	[illegible]	[illegible]	27
	0-5	3.4	12.2		3.[illegible]	7.9	1.	[illegible]		11.2	13.[illegible]	[illegible]	[illegible]	27
	6-11	7.[illegible]	13.4		7.[illegible]	7.[illegible]	3.[illegible]	[illegible]		[illegible]	13.[illegible]	[illegible]	[illegible]	27
	12-17	13.[illegible]	7.[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	12.[illegible]	[illegible]	[illegible]	27
TOTALS		10.[illegible]	10.7		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]

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

[illegible]
[illegible]
AIR [illegible]

SKY COVER

42239 [illegible] -7[illegible]
STATION STATION NAME PERIOD [illegible]

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		
[illegible]	00-02	18.4	9.7		4.3	3.5	3.	[illegible]		5.3	14.5	36.6	6.4	253
	03-05	20.1	7.1		5.3	7.1	3.3	3.1		5.1	9.3	36.0	6.2	254
	06-08	9.4	16.1		5.1	6.7	3.3	4.3		5.1	15.7	31.9	5.3	254
	09-11	15.3	12.5		5.1	5.7	3.[illegible]	[illegible]		4.7	10.7	26.5	[illegible]	253
	12-14	14.1	13.5		5.[illegible]	4.7	2.[illegible]	3.1		5.3	14.3	33.3	5.9	253
	15-17	11.[illegible]	13.7		4.3	6.3	3.1	4.3		12.2	11.[illegible]	34.9	[illegible]	253
	18-20	13.[illegible]	10.[illegible]		3.1	3.9	5.7	3.3		10.2	11.3	31.[illegible]	[illegible]	255
	21-23	24.7	8.9		4.[illegible]	5.1	3.[illegible]	4.7		8.[illegible]	9.4	26.1	5.9	255
TOTALS		16.[illegible]	10.9		4.7	5.5	3.[illegible]	4.4		7.1	13.4	34.1	6.1	2038

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

[redacted] STATION | [redacted] STATION NAME | [redacted] PERIOD | [redacted]

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		
[redacted]	00-02	20.0	9.7		8.[illegible]	7.5	5.7	6.1		5.[illegible]	6.6	20.9	5.1	279
	03-05	29.0	8.6		9.7	6.5	5.[illegible]	4.7		5.4	11.1	29.7	5.1	279
	06-08	11.[illegible]	10.0		7.[illegible]	6.1	6.[illegible]	4.3		10.[illegible]	15.4	20.2	5.1	279
	09-11	10.6	13.3		6.[illegible]	7.9	5.7	5.4		8.[illegible]	13.6	30.8	5.1	279
	12-14	8.7	17.0		5.[illegible]	6.5	4.[illegible]	4.6		8.7	15.9	29.2	5.1	277
	15-17	12.5	15.4		5.4	5.0	5.[illegible]	6.1		8.[illegible]	13.1	20.7	5.9	279
	18-20	17.6	11.8		8.6	5.7	6.[illegible]	6.[illegible]		6.[illegible]	9.7	20.9	5.4	279
	21-23	20.[illegible]	9.0		8.2	4.3	3.6	3.2		6.5	15.1	23.3	5.1	279
TOTALS		17.2	11.4		7.6	6.3	5.3	5.0		6.9	13.1	27.1	5.6	2230

SKY COVER

STATION | STATION NAME | PERIOD

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		
	00-02	26.4	5.0	1.4	5.2	3.7	3.2	3.7	1.1	4.1	4.4	3.1		
	03-05	23.	6.1	1.1	6.2	6.7	1.2	2.5	1.1	3.2	7.5	3.7	.7	
	06-08	15.6	3.1	1.1	5.1	3.1	4.2	4.4	1.7	6.2	10.6	41.	.6	
	09-11	15.7	6.9	.2	5.6	3.7	2.	4.7	.8	6.7	12.5	4.0	.5	
	12-14	13.1	6.9	1.7	4.4	4.2	3.1	4.1	.6	7.2	7.7	44.2	.7	
	15-17	14.7	7.5	1.1	5.2	4.7	1.1	3.1	1.4	6.	12.5	41.7	.6	
	18-20	14.2	7.6	.2	2.2	4.4	4.-	5.6	.6	7.2	13.3	3.4	.7	
	21-23	25.3	5.6	1.1	5.	5.2	3.1	5.2	.8	4.2	6.3	35.3	.6	
TOTALS		16.5	7.1	1.1	5.1	4.5	3.	3.7	1.0	5.7	10.0	41.0	.3	2850

SKY COVER

STATION _____ STATION NAME _____ PERIOD _____ WBAN _____

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		
Y	00-02	23.	0.1	.	4.	4.3	2.7	.	.3	4.	4.7	42.3	.0	30
	03-05	15.4	1.4		4.	4.7	4.	2.9	.0	7.	8.7	42.9	1.3	371
	06-08	13.	0.9	.3	3.	3.6	3.	4.0	.3	5.	17.7	41.9	7.3	372
	09-11	11.	7.1	.3	5.6	4.3	2.	3.1	.5	8.1	15.4	36.7	6.7	372
	12-14	10.1	7.3	.8	4.8	5.9	4.	3.4	.3	9.1	15.3	36.4	6.6	372
	15-17	13.1	1.9	1.3	5.4	7.8	3.	3.3	1.3	7.3	15.7	28.6	6.1	372
	18-20	12.1	13.2	1.3	6.2	5.6	2.7	4.5	.3	7.	11.3	32.3	5.8	372
	21-23	21.	4.9	1.1	7.3	5.9	4.	3.5		6.2	9.1	34.6	5.3	370
TOTALS		16.9	8.6	.8	5.3	5.2	3.7	4.0	.5	7.1	11.5	36.3	6.2	2973

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

4[illegible] [illegible] AN ANGELA 1-77
STATION STATION NAME PERIOD

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		
[illegible]	00-02	10.2	0.1	1.4	7.0	4.5	4.[illegible]	5.3	1.7	7.0	9.2	37.3	5.3	3[illegible]
	03-05	7.5	0.4	1.[illegible]	5.3	7.5	3.[illegible]	5.3	.9	6.1	13.0	33.7	5.6	3[illegible]
	06-08	6.7	2.8	.6	4.7	4.2	3.5	4.7	1.7	12.3	18.7	34.9	7.1	3[illegible]
	09-11	2.3	0.0	2.2	0.1	7.0	0.4	0.4	1.7	14.[illegible]	13.4	25.3	6.4	3[illegible]
	12-14	7.3	10.3	1.7	10.3	9.4	3.[illegible]	6.1	1.9	9.2	13.7	25.0	5.1	36[illegible]
	15-17	6.7	9.7	1.9	3.1	6.0	3.[illegible]	7.3	.6	8.[illegible]	10.7	27.5	5.4	36[illegible]
	18-20	6.[illegible]	7.8	1.1	7.[illegible]	5.3	3.1	6.3	1.9	11.7	10.9	26.9	5.7	36[illegible]
	21-23	15.[illegible]	0.4	1.1	3.7	6.1	7.[illegible]	6.7	1.1	8.[illegible]	10.6	32.0	6.2	35[illegible]
TOTALS		9.2	7.6	1.5	6.[illegible]	6.0	4.7	6.5	1.5	10.1	14.3	31.1	6.5	2875

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

45 19 — STATION
[illegible] — STATION NAME
[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	7.1	3.5	1.1	5.0	4.3	4.[illegible]	4.4	1.3	10.3	19.6	41.4	7.4	372
	03-05	3.2	3.8	2.2	4.[illegible]	5.9	4.[illegible]	4.3	1.1	10.5	21.6	37.9	7.[illegible]	372
	06-08	1.6	3.8	1.1	5.4	5.4	3.[illegible]	5.4	1.3	10.2	24.2	37.9	7.8	372
	09-11	1.9	4.2	1.6	6.2	6.2	4.3	4.0	1.1	14.1	22.1	33.2	7.0	370
	12-14	1.6	7.0	.5	5.4	6.0	3.[illegible]	5.7	1.0	9.5	23.6	35.0	7.6	369
	15-17	2.4	5.7	.3	4.3	4.9	7.[illegible]	4.9	1.1	10.8	23.5	34.5	7.6	371
	18-20	2.2	5.9	1.1	3.0	2.4	5.4	5.9	1.9	15.1	25.8	31.5	7.7	372
	21-23	3.1	3.8	.3	4.8	8.1	6.7	[illegible].5	2.7	8.1	12.9	37.6	7.0	372
TOTALS		3.5	4.6	1.1	4.9	5.4	5.1	5.3	1.5	11.2	21.3	36.2	7.5	2970

SKY COVER

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
	00-02	13.7	11.6	2.2	9.3	12.8	7.	1.1	1.6	5.9	7.3	23.7	5.1	37
	03-05	7.1	10.5	1.1	5.7	9.7	8.	0.4	4.3	8.1	13.5	22.4	5.6	37
	06-08	3.2	7.8	0.5	7.2	5.7	8.1	0.5	5.2	10.2	20.4	17.4	5.7	371
	09-11	1.9	10.8	1.3	13.8	8.5	8.2	0.5	3.2	14.2	10.8	14.8	5.2	37
	12-14	1.4	0.1	3.0	11.4	10.5	8.1	0.2	4.8	12.7	20.5	15.1	5.3	37
	15-17	4.5	0.4	0.1	9.7	10.8	7.1	0.5	3.3	11.1	20.1	17.8	6.2	36
	18-20	6.3	7.5	2.2	9.2	8.7	10.1	0.2	2.2	10.3	14.4	17.7	5.9	365
	21-23	14.1	13.2	1.1	14.1	9.7	5.4	0.5	.5	6.5	10.0	18.3	4.9	371
TOTALS		7.3	10.0	1.7	9.4	9.4	7.8	0.5	2.8	9.9	16.0	16.8	5.9	2965

[illegible]
[illegible]
[illegible]

SKY COVER

4 [illegible] [illegible]
STATION STATION NAME PERIOD

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		
[illegible]	[illegible]	26.1	9.8	1.7	3.5	5.1	5.[illegible]	3.[illegible]	.6	4.1	10.3	21.7	5.4	360
	[illegible]	18.4	6.4	1.1	2.[illegible]	7.0	6.4	5.[illegible]	1.7	5.[illegible]	14.3	20.8	5.1	35[illegible]
	[illegible]	11.1	6.4	.5	3.[illegible]	4.7	5.[illegible]	5.3	1.1	8.[illegible]	23.7	25.3	5.5	355
	9-11	11.1	5.8	.6	3.[illegible]	6.7	5.[illegible]	6.9	1.9	7.7	20.6	23.3	5.5	360
	12-14	7.5	3.6	2.[illegible]	3.7	9.4	5.[illegible]	5.3	1.4	9.7	18.3	23.[illegible]	5.3	35[illegible]
	15-17	8.4	13.0	4.2	7.[illegible]	7.5	5.[illegible]	4.2	1.1	7.[illegible]	15.[illegible]	20.3	5.1	35[illegible]
	18-2[illegible]	15.3	13.9	1.1	3.[illegible]	4.4	5.[illegible]	3.3	.3	3.7	14.2	23.7	5.4	360
	21-2[illegible]	27.1	7.8	1.7	3.[illegible]	3.8	3.[illegible]	2.8	2.0	4.[illegible]	11.2	25.3	5.1	357
TOTALS		15.3	8.9	1.7	3.1	6.8	5.7	5.1	1.3	7.1	15.9	20.1	5.9	2873

[illegible]

SKY COVER

[illegible] STATION [illegible] STATION NAME [illegible] PERIOD [illegible] 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		
[illegible]	00-02	45.9	0.1		4.9	5.5	4.[illegible]	5.5	.[illegible]	5.[illegible]	0.9	18.2	3.5	371
	03-05	40.1	0.9	2.2	6.2	5.1	5.9	5.[illegible]	1.3	3.[illegible]	0.9	19.3	3.7	372
	06-08	22.7	14.1	1.9	6.1	7.0	4.6	4.3	1.9	7.[illegible]	13.0	15.4	4.6	372
	09-11	25.3	15.9	1.1	0.7	5.6	5.1	5.1	1.3	0.3	10.6	14.0	4.4	372
	12-14	22.1	16.4	.3	10.2	6.5	5.[illegible]	4.0	1.6	0.1	11.1	13.7	4.4	371
	15-17	23.4	15.1	.5	7.3	7.3	4.3	4.8	1.0	7.5	15.0	12.6	4.6	372
	18-20	32.6	13.7	.6	5.4	3.8	5.1	5.9	.6	0.[illegible]	12.1	11.0	4.3	372
	21-23	41.9	11.6	1.1	5.9	4.8	5.4	2.7		5.1	0.2	15.3	3.4	372
TOTALS		31.8	13.0	1.0	6.6	5.5	5.1	4.2	1.2	6.5	10.8	14.3	4.1	2972

SKY COVER

STATION STATION NAME

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		
	00-02	20.1	7.2	.0	7.3	6.4	5.2	4.2	.2	7.3	1.3	26.1	4.1	30
	03-05	25.2	9.7		4.2	5.2	4.0	2.8	.3	7.0	0.2	3.0	4.1	30
	06-08	11.7	10.3	.2	8.2	5.1	3.7	4.2	.0	7.2	13.4	22.3	5.2	30
	09-11	14.2	14.1	1.7	8.4	6.1	5.0	5.7	.0	5.2	12.5	17.3	5.5	30
	12-14	7.4	14.2	1.1	10.2	6.4	6.1	4.4	1.1	6.1	13.0	20.0	5.5	30
	15-17	11.7	13.1	1.7	7.2	6.7	4.2	6.1	1.1	7.2	10.7	24.0	5.7	30
	18-20	21.4	12.5	.2	7.2	6.4	6.7	4.3	.3	7.2	6.4	24.0	5.0	30
	21-23	27.1	7.4	1.1	6.4	7.0	6.9	2.8	.3	7.5	5.5	17.4	4.7	30
TOTALS		18.5	11.2	1.0	7.5	5.9	5.2	4.1	.7	7.3	11.7	20.2	5.4	2875

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

43219 [illegible] AB, NEW [illegible] 7-78 [illegible]
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		
[illegible]	00-02	13.7	7.0	.7	3.[illegible]	5.[illegible]	3.[illegible]	4.3	1.3	7.	12.7	40.7	5.7	371
	03-05	13.2	6.5	.3	3.[illegible]	4.3	4.[illegible]	6.3	.5	6.2	13.5	42.7	[illegible]	371
	06-08	5.1	9.2	.5	8.1	4.6	4.1	5.7	2.4	6.[illegible]	19.1	32.5	5.2	365
	09-11	10.3	10.8	.5	6.[illegible]	6.2	3.[illegible]	5.7	1.7	7.[illegible]	18.1	30.0	5.4	370
	12-14	9.1	10.6		4.[illegible]	3.1	5.	4.3	1.3	10.[illegible]	21.0	23.9	5.4	372
	15-17	5.1	10.0		3.[illegible]	4.9	6.[illegible]	5.5	1.9	11.4	22.2	20.1	4.9	373
	18-20	10.2	9.4	.3	4.3	6.2	7.	5.7	2.2	6.7	15.1	32.3	5.4	372
	21-23	13.3	9.1	.5	4.5	5.9	3.[illegible]	5.1	1.4	10.0	13.2	34.7	5.4	370
TOTALS		10.1	9.0	.5	5.0	5.7	4.[illegible]	5.2	1.6	8.3	16.9	32.9	5.6	2965

[illegible]
[illegible]
AIR [illegible]

SKY COVER

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] WBAN

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		
[illegible]	ALL	16.[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		16.[illegible]	10.3		[illegible]	[illegible]	[illegible]	[illegible]		7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		17.[illegible]	11.4		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	•	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	7.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		3.[illegible]	4.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		7.[illegible]	10.3	[illegible]	[illegible]	[illegible]	7.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	11.2	[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		14.[illegible]	9.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32842

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

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

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

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.

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

... deviations - These tabulations are derived from hourly observations and present the ..., and total number of observations for the eight standard 3-hour groups, by month ... the bottom for all hours combined. Records for all years combined are presented ... values, DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

... of occurrence of relative humidity - This summary is derived from hourly ... cumulative percentage frequency of occurrence of relative humidity by ... the mean relative humidity and total number of observations in two tables.

... annual, all years combined, with month being the vertical argument.

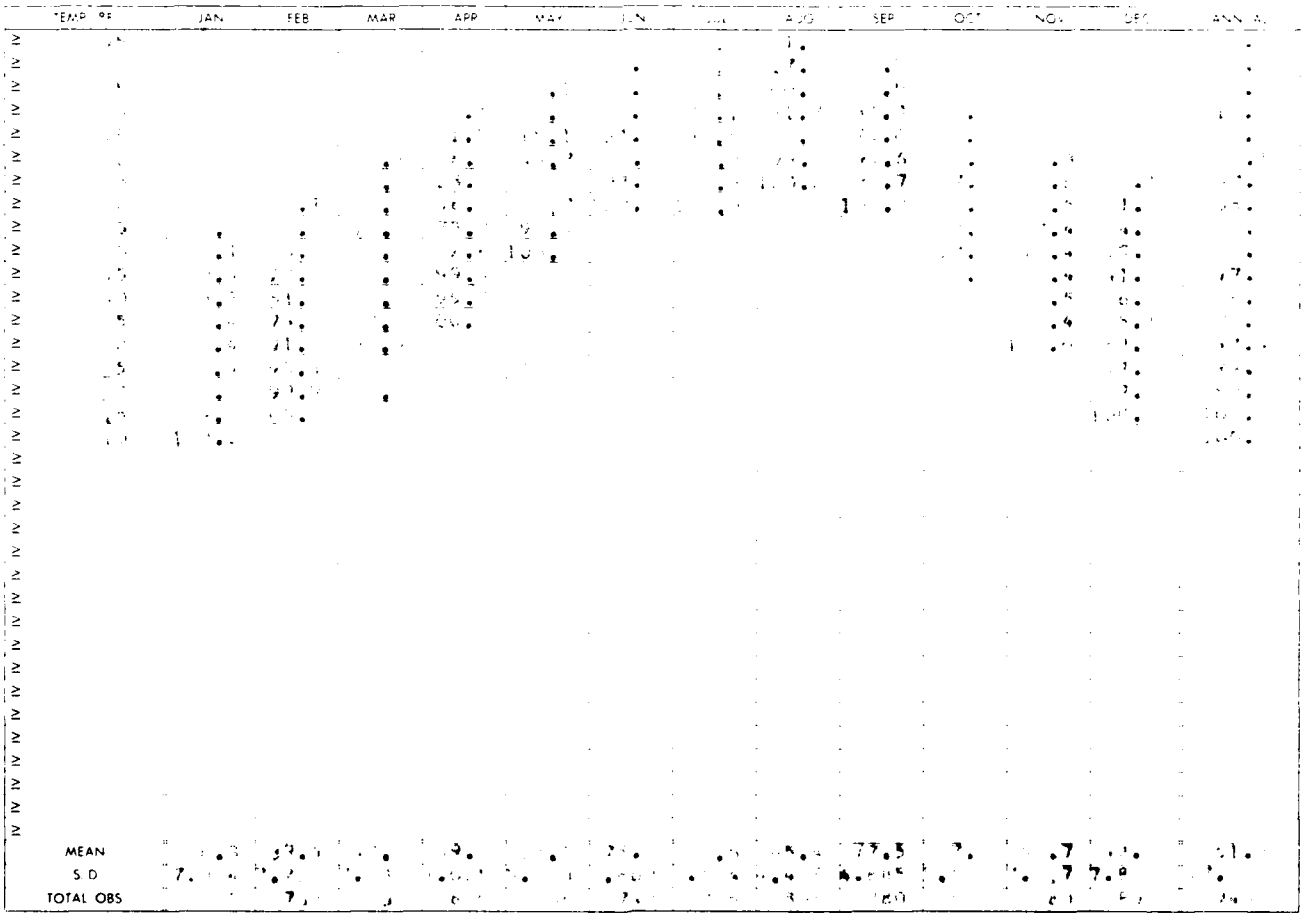
... standard 3-hour groups, with the hour groups being the vertical ... each month. All years are also combined for this summary.

74 29966

DAILY TEMPERATURES

STATION STATION NAME YEAR

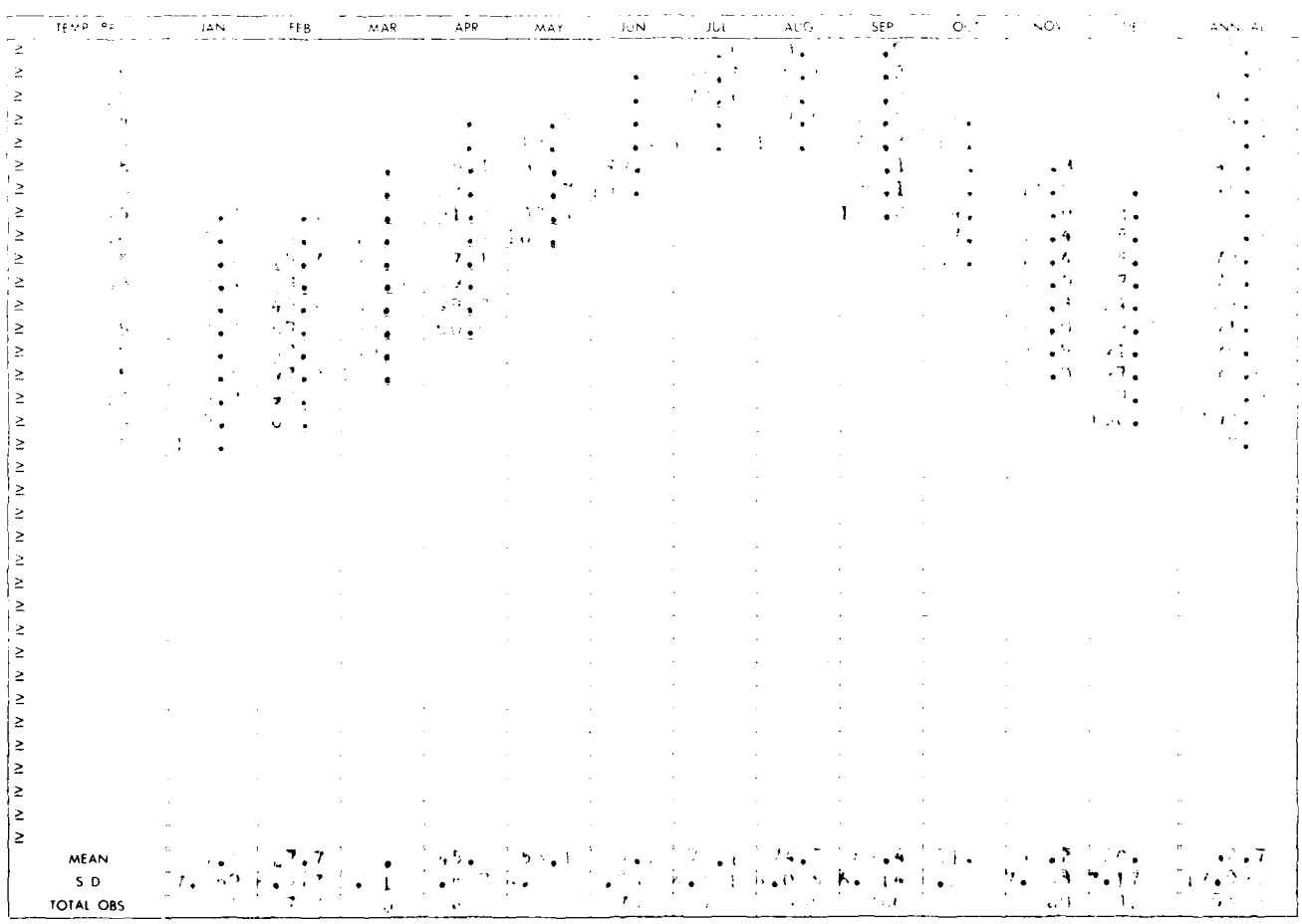
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS



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

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

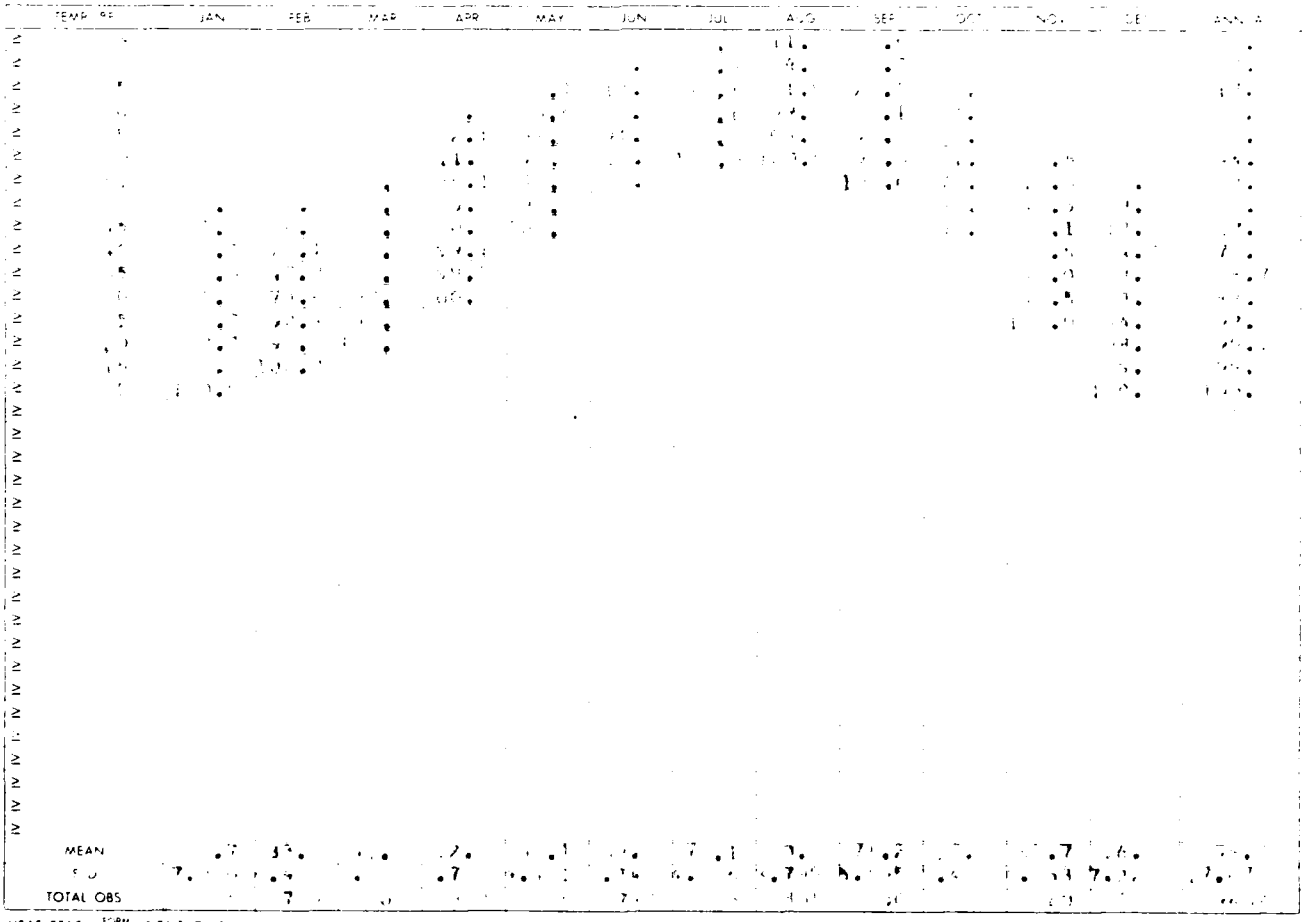


USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION STATION NAME YEAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS



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

4

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
MEAN	47.8	52.4	60.0	73.2	79.7	86.5	91.6	92.0	86.0	76.6	67.2	55.8	92.9
S.D	4.089	4.836	4.190	3.338	3.131	2.713	2.110	2.066	3.225	3.192	2.053	1.980	2.031
TOTAL OBS	806	744	806	800	806	780	785	805	780	806	780	806	9492

NOTES : (BASED ON LESS THAN ALL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 HRS)

USAF ETAC FORM AM 00 0-88-5 (OLA)

[illegible]
[illegible]
[illegible]

EXTREME VALUES

[illegible]

FROM DAILY OBSERVATIONS

432[illegible] STATION [illegible] STATION NAME [illegible] YEARS

[illegible] FIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]				31			72	7	[illegible]	[illegible]	2[illegible]	[illegible]	
[illegible]	1[illegible]	1[illegible]	22	3[illegible]	42	[illegible]	63	[illegible]	42	3[illegible]	33	1[illegible]	* [illegible]
[illegible]	[illegible]	[illegible]	28	[illegible]	[illegible]	57	56	[illegible]	5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	12	[illegible]	22	41	42	[illegible]	62	[illegible]	52	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7	1[illegible]	26	31	46	[illegible]	55	7[illegible]	57	[illegible]	[illegible]	[illegible]	7[illegible]
[illegible]	7	[illegible]	[illegible]	[illegible]	46	[illegible]	65	[illegible]	[illegible]	[illegible]	22	17	[illegible]
57	1[illegible]	11	22	33	44	[illegible]	63	[illegible]	4[illegible]	3[illegible]	25	[illegible]	[illegible]
[illegible]	[illegible]	1[illegible]	17	36	47	[illegible]	59	[illegible]	[illegible]	[illegible]	3[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	26	36	5[illegible]	5[illegible]	68	[illegible]	54	[illegible]	28	1[illegible]	[illegible]
[illegible]	11	2[illegible]	26	32	46	[illegible]	[illegible]	67	[illegible]	[illegible]	21	15	11
[illegible]	[illegible]		27	33	45	[illegible]	72	75	55	4[illegible]	31	[illegible]	[illegible]
[illegible]	17	1[illegible]	25	27	46	[illegible]	66	[illegible]	[illegible]	[illegible]	28	15	[illegible]
[illegible]	[illegible]	[illegible]	29	35	47	5[illegible]	67	67	52	[illegible]	26	[illegible]	[illegible]
[illegible]	23	1[illegible]	29	33	43	[illegible]	68	[illegible]	54	[illegible]	32	23	1[illegible]
[illegible]	14	1	25	33	47*	5[illegible]	65	7[illegible]	55	4[illegible]	28	11	1[illegible]
[illegible]	1[illegible]	1[illegible]	29	34	46	[illegible]	63	66	52	44	21	11	[illegible]
[illegible]7	3	2[illegible]	26	37	50	6[illegible]	64	75	55	4[illegible]	29	[illegible]	[illegible]
[illegible]	13	1[illegible]	23	37	52	[illegible]	68	66	4[illegible]	[illegible]	33	17	1[illegible]
[illegible]	12	1[illegible]	23	34	46	55	52	7	[illegible]	4[illegible]	29	1[illegible]	1[illegible]
[illegible]	[illegible]	12	24	35	53	[illegible]	69	73	[illegible]	44	19	21	[illegible]
71	[illegible]	2[illegible]	20	33	47	[illegible]	72	5[illegible]	56	4[illegible]	25	[illegible]	[illegible]
72	27	2[illegible]	22	32	43	51	63	[illegible]	55	41	26	21	21
73	15	21	24	30	48	5[illegible]	68	6[illegible]	51	3[illegible]	24	[illegible]	[illegible]
74	12	1[illegible]	21	37	42	53	64	62	51	37	26	[illegible]	1[illegible]
75	24	2[illegible]	28	37	46	57	66	6[illegible]	5[illegible]	4[illegible]	26	12	12
76	[illegible]	24	28	35	44	57	60*	65	53	37	29	[illegible]	[illegible]
77	[illegible]	[illegible]	19	35	50								
MEAN	11.[illegible]	1[illegible]	[illegible]	34.7	47.1	[illegible]	66.0	67.[illegible]	53.2	4[illegible]	27.3	17.3	[illegible]
S.D.	[illegible]	5.597	[illegible].40	2.853	2.382	2.997	3.000	3.775	3.847	2.8[illegible]	4.006	5.013	[illegible]
TOTAL OBS	[illegible]	744	[illegible]66	800	806	742	785	805	780	806	780	806	946[illegible]

NOTES * (BASED ON LESS TH[illegible] FULL MONTHS)
. (AT LEAST [illegible] DAY LESS THAN 24 OBS)

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS

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
103 / 97			.1																1		
102 / 95			.2	1.3	.2													1	12	1	
97 / 93		.4	.5	1.7	.2													2	24	10	1
92 / 91		.1	.0	.7	.2	.1												1	12	17	3
91 / 89			1.2	.4	.3													1	10	20	7
86 / 87		1.1	2.0	3.2	.5													3	13	31	21
85 / 85		.1	4.5	3.5	.5													7	7	42	33
82 / 83		.1	3.1	4.3	.1													8	8	6	39
77 / 81		1.2	0.5	3.	.2													9	9	2	47
82 / 79		1.1	1.1	4.2	.1													11	11	3	51
80 / 77		3.1	0.2	2.1														14	14	134	142
82 / 75		.1	4.1	.1														5	5	110	111
79 / 73		.1	1.1	.1														2	2	3	59
77 / 71		.1	1.3	.1														2	2	1	22
70 / 69		.1	3.3	.3														3	3	3	71
68 / 67		.1	2.1	.3														3	3	15	96
67 / 65		.1	2.2															2	2	14	101
64 / 63		.1	.3															0	0	15	23
62 / 61		.1	.2																0	9	32
60 / 59		.1	.2															2	2	6	101
57 / 57																				1	12
54 / 55																					1
47 / 53																					0
22 / 51																					1
-27 / -3																					1
[illegible]	1.0	3.9	12.0	2.2	.1													963			3
																		963		963	

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.	[illegible]	67224	71.1	[illegible]	94							
Dry Bulb	[illegible]	25071	26.1	[illegible]	96		1161					23
Wet Bulb	140814	24942	27.0	[illegible]	92		1264					23
Dew Point	[illegible]	20713	21.6	[illegible]	96	1	1168					23

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS

Temp F	WET BULB TEMPERATURE DEPRESSION F																											TOTAL D.B.	TOTAL W.B.	TOTAL Wet B.	TOTAL Dew Po
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31														
[illegible]	1		.1																									1	1		
[illegible]	[illegible]		[illegible]																										2		
[illegible]	7																												3		
[illegible]	5		[illegible]	[illegible]	.1																							11	14		
[illegible]	13		.3	.7																									7	9	
[illegible]	1		[illegible]	.1																								2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		2.	1.	.5	.1																						5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		1.	1.	.1																							3	[illegible]	[illegible]	[illegible]
[illegible]	35		3.	2.	.1																							5	5	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]																							3	[illegible]	[illegible]	[illegible]
[illegible]	41		3.3	1.7	.2																							47	47	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	.2																							3	[illegible]	[illegible]	[illegible]
[illegible]	27		13.	2.1	.1																							177	177	[illegible]	[illegible]
[illegible]	25		[illegible]	1.5	.1																							7	7	[illegible]	[illegible]
[illegible]	3		3.1	.7																								45	45	[illegible]	[illegible]
[illegible]	21		1.7	.2																								23	23	[illegible]	[illegible]
[illegible]	19		2.7	.3																								32	32	[illegible]	[illegible]
[illegible]	17		[illegible]	.1																								33	33	[illegible]	[illegible]
[illegible]	15	.	2.																									24	24	[illegible]	[illegible]
[illegible]	13		1.3																									13	13	[illegible]	[illegible]
[illegible]	11	.1	1.																									15	15	[illegible]	[illegible]
[illegible]	9	[illegible]	[illegible]																									15	15	[illegible]	[illegible]
[illegible]	7	.																										1	1	[illegible]	[illegible]
[illegible]	5																														[illegible]
[illegible]	3																														[illegible]
[illegible]	1																														[illegible]
[illegible]	-1																														[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]																					[illegible]	[illegible]		[illegible]
																												961		[illegible]	

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.	[illegible]	67411	18.31	[illegible]	8.1							
Dry Bulb	753112	240264	28.03	1.36	3[illegible]		[illegible]					93
Wet Bulb	602123	23484	20.06	[illegible]	8.1		72.1					93
Dew Point	[illegible]	12.77	22.6	[illegible]	8.1	.1	62.1					93

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

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
≥97 / 97		•9																				
92 / 95			1.2	•1														14	14	3		
87 / 91			•1	•2	•1													1	1	2		
82 / 91	•9	•9	•9																	5		
77 / 89	•1	2.3	1.1	•3	•1													41	42	19		
72 / 87	•1	2.0	1.2															31	32	30		
67 / 85	•1	3.3	2.3	•1														51	54	46		
62 / 83	•3	3.0	3.0	•9														53	54	54		
57 / 81		3.7	2.3	•1														51	52	52		
52 / 79	1.3	4.2	3.9	•9														111	113	96		
47 / 77	3.2	12.7	2.1															152	153	110		
42 / 75	1.0	7.2	1.1															84	83	141		
37 / 73	•3	2.7	•7															33	33	79		
32 / 71	•3	3.4	•5															41	41	41		
27 / 69	•3	2.0	•4															27	27	43		
22 / 67	1.0	1.3	•4															24	24	30		
17 / 65	•7	2.7																37	37	41		
12 / 63	•2	1.2																12	12	18		
7 / 61	•3	1.9																21	21	17		
2 / 59	1.2	1.0																15	18	22		
-3 / 7	•7																	2	2	6		
-8 / 5	•2																	2	2	2		
-13 / 3																						
-18 / 1																						
-23 / -1																						
-28 / -3																						
TOTAL	1.3	36.0	22.1	1.8	•2													842	840	842		

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.	5,977231	66021	78.4	16.225	842							
Dry Bulb	712765	23627	27.9	7.213	842		6.7					93
Wet Bulb	624019	22033	26.2	7.513	842		73.0					93
Dew Point	605385	18361	21.8	8.709	842	.3	12.6					93

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

2

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
109	43			.1														1		1		
102	39				.1													1		1		
101	38			.1	.1													2		2	1	
100	37		.2	.2	.5	.1												3		3	1	
99	35		.1	1.2	.1													14	14	4	1	
98	33	.1	1.1	.6	1.0	.2												31	31	15	3	
97	31	.1	1.2	.7	.7													24	24	20	7	
96	29	.1	1.4	2.0	1.3	.1												57	57	23	11	
95	27	.1	1.7	3.0	1.5	.1												73	73	37	17	
94	25	.1	2.0	3.5	1.6													76	76	52	37	
93	23	.2	4.5	3.9	1.3													87	83	71	29	
92	21	.1	3.1	2.3	.7													57	56	59	33	
91	19	.1	6.3	4.1	1.3													101	101	63	33	
90	17	2.1	5.3	4.1														93	93	62	121	
89	15	.2	3.5	1.7	.4													49	44	67	56	
88	13		2.2	.7														24	24	96	53	
87	11	.1	1.7	1.2														33	33	90	97	
86	9	.2	2.7	1.2														34	34	69	54	
85	7	.1	1.9	.5														27	23	35	93	
84	5	.1	1.0	.1														12	12	16	16	
83	3	.1	.5															5	5	10	27	
82	1	.1	.6															11	11	13	23	
81	-1	.2	.8															9	9	8	14	
80	-3	.1																1	1	3	13	
79	-5		.1															1	1		1	
78	-7																			1	13	
77	-9																				9	
76	-11																				3	
TOTAL		7.2	45.2	34.5	10.3	.6												826	527	826		526

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.	4613742	60734	73.51	9.023	826							
Dry Bulb	2412461	25521	30.9	8.115	826		51.4					93
Wet Bulb	1131460	23446	28.4	7.328	826		64.4					93
Dew Point	507230	13496	23.0	6.236	826	.2	78.4					93

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

2

PSYCHROMETRIC SUMMARY

STATION — STATION NAME — YEARS — MONTH

PART I 1960-1962

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	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
107 / 95			.2	.1		.2											3			
97 / 93					.1	.1											2			
92 / 91				.2	.3												5	2		
90 / 87			.2	.3		.1											6	1		1
87 / 87		.1	.1	.3	.2	.2											23	5		1
86 / 85	.1	1.2	1.2	1.7	1.5												72	13		3
84 / 83	.1	.6	2.1	3.4	1.0	.2											69	17		7
82 / 81	.1	.5	2.2	.7	.3	.1											37	37	93	14
80 / 79		2.3	4.4	3.0	1.0												93	93	92	21
78 / 77	1.4	2.0	4.0	2.2	.3												103	100	91	25
76 / 75	.1	1.3	4.1	3.0	.5												85	76	75	31
74 / 73		1.0	3.0	2.3													62	50	110	45
72 / 71		2.1	2.1	2.3													53	53	78	49
70 / 69		2.1	3.8	.9													59	59	91	71
68 / 67	.1	2.9	3.4	.6													60	60	95	116
66 / 65		2.1	1.7														33	33	73	97
64 / 63		2.0	1.3	.1													27	27	43	90
62 / 61	.1	1.2	1.8														25	25	33	52
60 / 59	.1	1.4	.6														18	18	25	67
58 / 57		.7	.3														6	6	22	39
56 / 55		.5															5	5	17	55
54 / 53		.1															1	1	1	17
52 / 51		.1															1	1		21
50 / 49																			1	33
48 / 47																				12
46 / 45																				4
44 / 43																				3
42 / 41																				1
40 / 39																				1
38 / 37																				0
TOTAL	2.1	27.1	41.8	21.7	5.1	1.0											959		959	959

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.	4034901	57719	67.2	20.12	859							
Dry Bulb	1121020	30436	35.4	20.85	859	-	412.8					672
Wet Bulb	307939	27229	31.7	20.32	859		466.4					93
Dew Point	207992	21488	25.0	20.75	859	.1	722.9					93

FORM 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 57
USAFETAC

2

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

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
56/ 55		.1					.2												3		
54/ 53				.2	.2													4	5	1	
52/ 51		.1		.5														6	6		1
50/ 49				.5														5	5	3	
48/ 47		.2	.3	.3	.2	.1												13	13	5	1
46/ 45		.6	4.1	1.9	1.9	.1												22	22	7	1
44/ 43	.2	1.4	2.7	2.0	.4	.1												31	29	10	1
42/ 41	.2	1.6	2.3	1.1	.1													44	44	18	1
40/ 39	.2	4.1	4.3	1.7	.1													92	93	21	3
38/ 37	.2	2.6	6.3	1.3	.5													136	136	29	3
36/ 35		1.2	4.2	2.3														75	75	27	7
34/ 33	.1	1.2	3.7	3.0														67	67	12	6
32/ 31		1.2	4.1	2.2														62	62	13	3
30/ 29		3.2	4.3	.2														64	63	14	4
28/ 27		3.1	3.1	.2														56	54	18	1
26/ 25		1.1	1.0	.1														23	23	12	2
24/ 23	.1	2.0	.8	.4														27	28	18	3
22/ 21	.1	1.6	.2															25	25	12	2
20/ 19	.1	1.1	.1															19	19	15	1
18/ 17		.7	.2															8	8	10	2
16/ 15		.1																1	1	9	4
14/ 13																				2	1
12/ 11																					2
10/ 9																					1
8/ 7																					0
6/ 5																					0
4/ 3																					3
2/ 1																					0
0/ -1																					1
TOTAL	.1	27.1	45.4	19.4	3.4	.7	.2											834	838	254	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.	40[illegible]242	57286	68.71	9.167	834							
Dry Bulb	[illegible]233301	29665	35.4	7.513	838		[illegible]					[illegible]
Wet Bulb	832314	20641	24.9	7.016	834		69.1					93
Dew Point	613042	21490	25.7	8.005	834	.1	69.1					94

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

2

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.	TOTAL W.B.	TOTAL Wet B.	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								
[illegible]			.1																						
[illegible]			.1																						
[illegible]		.1	.2	.2																					
[illegible]		.7	3.2	.6																					
[illegible]		.9	1.4	.9																					
[illegible]	.1	1.4	1.5	.2																					
[illegible]	.1	4.4	2.1	1.1																					
[illegible]	.1	4.1	3.6	.5																					
[illegible]	.	4.3	6.6	2.2																		12	[illegible]	7	
[illegible]		3.2	5.1	1.4																		[illegible]	[illegible]	1.6	9
[illegible]	.1	3.7	4.3																			[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	3.5	3.2	.1																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		5.1	3.5	.1																		100	100	71	11
[illegible]		2.2	2.3																			[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	1.2	.4																			21	21	41	41
[illegible]	1.1	2.3	.6																			[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	1.[illegible]	.7																			[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	1.[illegible]	.4																			[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.2	.7																					3	[illegible]	[illegible]
[illegible]																								3	[illegible]
[illegible]																									[illegible]
[illegible]																						1	1	1	[illegible]
[illegible]																									[illegible]
[illegible]																									[illegible]
[illegible]																									[illegible]
[illegible]																									[illegible]
1 [illegible]	[illegible]	.445	.141	[illegible]	7.6																		158		154
																						956		624	

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.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]

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

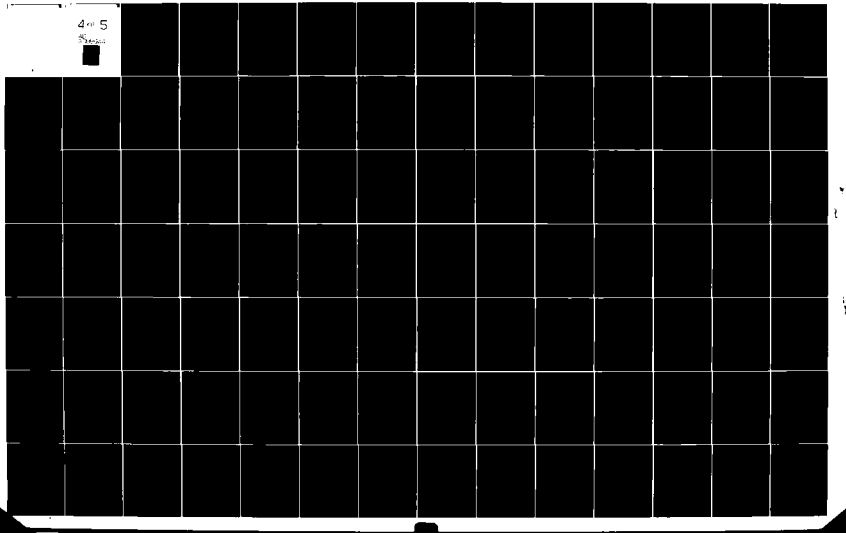
PSYCHROMETRIC SUMMARY

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.	TOTAL W.B.	TOTAL Dew Bulb	TOTAL Dew Point
47 / 47				.4														1	1		
46 / 45			.0	.0	.1													22	21	0	1
45 / 44		.1	.1	1.4	.7													27	27	1	..
44 / 43		.1	.1	.8	.4	.0												14	14	3	11
43 / 42			2.1	1.5	.5													30	34	9	1
42 / 41		1.0	4.4	3.2	.9	.1												33	35	12	21
41 / 40		.1	5.7	4.7	.5													100	100	26	7
40 / 39		.0	5.0	4.4	.8													102	102	46	21
39 / 38		.1	5.5	2.3	.6													74	74	110	17
38 / 37		.0	1.0	3.1	.1													102	104	28	16
37 / 36		.1	2.1	2.3														97	96	16	6
36 / 35		.0	2.0	2.3														48	48	7	10
35 / 34		.1	1.0	.1														22	22	1	7
34 / 33		1.0	1.1	.1														34	35	42	34
33 / 32		1.0	2.0	.9														32	32	17	4
32 / 31		.1	1.0	1.2														24	24	22	23
31 / 30		.1	1.1															15	16	5	13
30 / 29		.1	.2															3	3	9	2
29 / 28		.1																2	3	2	7
28 / 27		.1																1	1	1	3
27 / 26																					1
26 / 25																					14
25 / 24																					9
24 & Below		.5	1.0	1.6	4.1	.4															257
																		857		17	

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.	3024505	64003	75.0	20.41	8..							
Dry Bulb	884121	20703	31.3	7.243	8..		50.1					73
Wet Bulb	760726	24076	29.0	6.712	8..		64.0					73
Dew Point	500361	20743	24.2	6.243	8..		77.1					73

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

AD-A088 944 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KUNSAN AB, KUNSAN, KOREA. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
OCT 77
UNCLASSIFIED USAFETAC/DS-80/070 NL



2

PSYCHROMETRIC SUMMARY

4321 STATION _____ STATION NAME _____ 5-71 YEARS _____ J MONTH

PART 1 ALL HOURS (00-23)

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	Dew Point
96/ 35		.0	.0	.0		.0	.0											3			
94/ 33			.0	.0	.0	.0												7	7	1	
92/ 31		.0	.0	.1	.0													13	13	2	1
90/ 29			.1	.1		.0												16	16	5	1
88/ 27		.2	.3	.2	.1	.1												60	60	17	2
86/ 25	.0	.0	.2	.0	.0	.1												275	277	41	21
84/ 23	.2	.0	1.0	1.1	.3	.0												250	251	139	48
82/ 21	.3	.7	1.1	.5	.1	.0												191	191	210	92
80/ 19	.2	2.3	2.5	1.1	.2													443	444	290	142
78/ 17	1.1	2.0	3.7	.7	.2													586	570	418	267
76/ 15	.3	3.4	4.1	1.4	.1													644	644	488	316
74/ 13	.2	3.4	4.3	1.4	.0													652	654	552	354
72/ 11	.3	3.0	2.4	.8														515	518	667	513
70/ 9	.2	5.0	4.2	.4														732	730	693	473
68/ 7	1.3	7.9	3.4	.1														877	878	781	912
66/ 5	.4	3.7	1.0	.1														392	392	758	648
64/ 3	.3	2.3	.7	.1														225	225	428	394
62/ 1	.2	1.2	.2															238	239	298	240
60/ -1	.1	2.1	.3															224	224	238	120
58/ -3	.2	1.6	.2															172	172	233	109
56/ -5	.2	1.0	.0															137	137	230	101
54/ -7	.1	.2																40	40	60	191
52/ -9	.3	.2																58	59	53	215
50/ -11	.2	.3																51	51	59	206
48/ -13	.1																	4	4	12	135
46/ -15	.1	.0																3	3	2	56
44/ -17																				1	84
42/ -19																					43
40/ -21																					8
-22/ -23																					2
TOTAL	2.3	40.1	34.1	8.8	1.4	.2	.0												6613		6796
																		6796		6796	

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.	38547252	503894	74.1	3.210	6796							
Dry Bulb	71766?1	214309	31.5	7.195	6813		401.0					744
Wet Bulb	6080824	196960	29.0	7.403	6796		494.1					744
Dew Point	4306417	161629	23.8	8.768	6796	1.1	619.9					744

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

2

PSYCHROMETRIC SUMMARY

4321 KIRTLAND AFB NM — 57-77 — 1

STATION — STATION NAME — YEARS — MONTH

PART I 0000-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
54/ 53			.1															1	1		
52/ 51		.3	.3															4	4	1	
50/ 49	.1																	1	1	4	2
48/ 47	.2																	2	2	3	4
46/ 45	.4	.4	.3			.1												9	9	3	5
44/ 43	1.0	1.0	1.5	.6	.3													41	41	18	10
42/ 41	.4	2.1	1.1															29	29	13	9
40/ 39	.0	3.0	1.1	.3														40	40	27	14
38/ 37	3.3	5.0	4.2	.3														103	104	68	38
36/ 35	.4	6.0	3.7	.9	.1													88	88	58	40
34/ 33	.3	3.5	4.7	2.9														90	90	103	74
32/ 31	.0	3.9	2.3	1.0														63	63	76	56
30/ 29	1.0	4.8	4.0	.5														83	83	63	39
28/ 27	.2	8.7	3.5	.3														133	133	72	45
26/ 25	.3	4.5	1.0															52	52	102	69
24/ 23	.7	2.1	.6															25	25	59	49
22/ 21	.0	2.5	.9															32	32	40	52
20/ 19		.3	.5															10	10	25	33
18/ 17		.9	.1															9	9	10	26
16/ 15		.6	.3															7	7	10	42
14/ 13		.3																2	2	6	15
12/ 11																				1	21
10/ 9																					26
8/ 7																					12
6/ 5																					5
4/ 3																					5
0/ -1																					3
TOTAL	11.2	50.5	31.0	6.8	.4	.1													795		794
																		794		794	

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.	4756124	60449	76.1	3.939	794							
Dry Bulb	870040	25772	32.4	6.599	795		40.8					84
Wet Bulb	758554	23958	30.2	6.705	794		51.4					84
Dew Point	577241	20155	25.4	9.097	794	.3	66.2					84

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

2

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PAGE 1 [illegible] HOURS [illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL 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				
54/ 53			.1																2		
52/ 51		.1	.1															2	2	1	
50/ 49																				3	
48/ 47			.3															2	2		3
46/ 45	.4	.4																6	6	4	4
44/ 43	1.1	.5	1.0	.5														25	25	14	10
42/ 41	.4	2.4	.1	.1														24	24	7	9
40/ 39	.0	3.3	.9															39	39	24	15
38/ 37	1.5	3.7	4.3	.1														76	76	42	32
36/ 35	1.3	5.0	3.6	1.1														86	86	60	50
34/ 33	.6	4.6	3.2	1.9														83	83	70	57
32/ 31	.4	4.7	1.6	.8														54	54	78	67
30/ 29	.6	6.0	4.2	.6		.1												91	91	80	65
28/ 27	1.1	7.7	3.8	.1														100	101	74	114
26/ 25	.6	5.6	1.7															63	63	96	53
24/ 23	.4	3.2	1.5															44	44	69	26
22/ 21	1.1	3.3	1.0															43	43	50	53
20/ 19	.4	1.1	.5															16	16	35	47
18/ 17		.6	.5															9	9	15	62
16/ 15		.2	.1															5	5	11	46
14/ 13		.3																2	2	8	22
12/ 11		.8																6	6	5	25
10/ 9		.6	.1															6	6	6	22
8/ 7																				2	11
6/ 5																					9
4/ 3																					2
2/ 1																					5
0/ -1																					1
-2/ -3																					2
-4/ -7																					1
-8/ -9																					1
TOTAL	11.5	54.7	28.3	5.4		.1													785		784
																		784		784	

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.	4754003	60119	76.7	3.558	784							
Dry Bulb	792122	24326	31.0	6.792	784		47.1					84
Wet Bulb	634843	22683	28.9	7.018	784		56.7					84
Dew Point	526206	18970	24.2	9.268	784	.5	68.7					84

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

2

[illegible]
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION K [illegible] A NAVAL STATION NAME [illegible]-77 YEARS [illegible] MONTH

PART I [illegible] HOUR (LST)

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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
52/ 51		.1																1	1		
50/ 49		.3	.1		.1													4	4	1	1
48/ 47		.4		.1														5	4	2	
46/ 45	.3	.1	.1	.3														7	7	7	4
44/ 43	1.3	.8	.5	.5														25	26	11	11
42/ 41	.8	1.3																15	15	14	11
40/ 39	1.8	3.1	.5															36	36	29	18
38/ 37	.8	2.2	4.3	.3														72	73	48	26
36/ 35	1.8	6.0	3.6	1.3														93	93	42	37
34/ 33	.9	3.1	3.4	.6														52	59	105	29
32/ 31		5.6	1.3	.3	.1													57	57	48	45
30/ 29	1.1	5.7	3.5	.5														86	86	86	59
28/ 27	2.8	10.1	4.1	.4														130	130	50	93
26/ 25	1.1	5.0	2.1															66	56	103	72
24/ 23	.4	2.2	.5															25	25	70	53
22/ 21	1.7	1.9	.9															35	35	50	62
20/ 19	.3	2.7	.3															25	25	21	49
18/ 17	.1	1.5	.6															18	18	26	39
16/ 15	.1	1.1	.1															11	11	16	37
14/ 13	.1	.4	.3															6	6	14	28
12/ 11		.5																4	4	5	21
10/ 9		.5																4	4	6	31
8/ 7																				1	11
6/ 5																					9
4/ 3																					8
2/ 1																					5
0/ -1																					2
-2/ -3																					5
TOTAL	14.3	54.4	26.9	4.2	.3													785	785		785
																		785		785	

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.	4860420	60826	77.5	3.725	785							
Dry Bulb	776751	24043	30.6	7.175	785		50.0					84
Wet Bulb	685721	22507	28.7	7.180	785		56.3					84
Dew Point	525071	18911	24.1	6.415	785	.7	69.2					84

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

2

DATA PROCESSING BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9321 STATION | KUNSAN AB KOREA STATION NAME | 57-77 YEARS | FEB MONTH

PART I 0200-1100 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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
82/ 81			.1		.1													2	2		
80/ 79		.2	.4		.1													6	6	1	
78/ 77		.4	.3	.4														8	8	5	1
76/ 75	.7	1.5	2.6		.3	.1												34	34	14	14
74/ 73	.2	1.9	2.3	1.7	.3	.1												53	53	19	13
72/ 71	.2	1.9	1.2	.9														32	32	31	12
70/ 69	1.3	4.0	2.6	2.1	.3													84	84	42	33
68/ 67	.2	2.4	5.0	1.7	.3													82	82	71	33
66/ 65	.1	2.3	4.2	1.5	.6													69	69	53	34
64/ 63	.4	3.3	5.4	2.1	.4													89	89	73	44
62/ 61		2.1	3.2	.8	.4	.1												53	50	78	23
60/ 59	.2	3.0	3.7	1.2	.1													69	69	73	46
58/ 57	1.2	3.7	4.0	1.1	.1													81	81	34	11.0
56/ 55	.2	1.2	2.6	.3														35	35	70	64
54/ 53		1.1	1.7															21	21	55	46
52/ 51		1.3	.8															16	16	25	54
50/ 49	.3	.3	.4															12	12	24	39
48/ 47		.7	.1															6	6	12	23
46/ 45		.4																3	3	9	48
44/ 43		.4																3	3	3	16
42/ 41		.1																1	1	3	36
40/ 39																					33
38/ 37																					12
36/ 35																					2
34/ 33																					5
32/ 31																					1
30/ 29																					1
28/ 27																					1
26/ 25																					1
TOTAL	7.2	34.7	40.9	13.8	3.2	.4												755	756	755	755

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.	4001353	53731	71.2	5.342	755							
Dry Bulb	915898	25782	34.1	6.967	756		33.4					34
Wet Bulb	708432	23506	31.1	6.767	755		47.4					59
Dew Point	550439	19045	25.2	9.037	755	.2	63.5					69

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

2

PSYCHROMETRIC SUMMARY

4224 / STATION — KUNSAN AB KOREA / STATION NAME — 67-77 / YEARS — F / MONTH

PAGE 1 — 1200-1400 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55				.3	.5	.1												7	7		
54/ 53			.4	.3	.1													6	6		
52/ 51			.5	.4	.6	.5	.1											17	17	2	
50/ 49		.5	.5	.6	.3	.1	.1											17	17	5	1
48/ 47	.1	1.0	1.2	.6	.6	.1												29	29	20	4
46/ 45	.3	1.6	4.0	4.0	2.0	.5												106	106	25	18
44/ 43	.7	.5	2.3	3.5	1.2	.1												70	70	39	23
42/ 41	.1	1.3	2.0	1.2	.6	.1												42	42	45	16
40/ 39	1.2	3.3	2.4	2.8	.9													83	83	67	39
38/ 37	.4	1.2	4.7	2.3	1.5													79	79	86	38
36/ 35	.5	1.4	2.6	4.5	1.5	.1												83	83	55	46
34/ 33	.1	.9	3.3	1.8	.1													49	49	86	47
32/ 31		1.2	2.6	1.8	.6													48	48	67	39
30/ 29	.3	1.7	2.6	1.5	.5													51	51	82	51
28/ 27	.5	2.9	2.3	.8														52	52	52	97
26/ 25		1.4	1.2															20	20	61	53
24/ 23	.1	.3	.4															6	6	35	39
22/ 21	.3	.4	.5															9	9	18	62
20/ 19		.3																2	2	6	46
18/ 17		.1	.1															2	2	5	51
16/ 15		.4																3	3	2	41
14/ 13																				3	13
12/ 11																					11
10/ 9																					25
8/ 7																					11
6/ 5																					5
4/ 3																					1
2/ -1																					2
TOTAL	5.4	20.5	34.1	26.2	11.8	1.8	.3											781	781	781	781

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3599586	51562	66.01	5.829	781							
Dry Bulb	1166040	29622	37.9	7.384	781		20.8					84
Wet Bulb	936874	26490	33.9	7.015	781		35.6					84
Dew Point	637148	21032	26.9	9.525	781	.2	58.8					84

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

2

PSYCHROMETRIC SUMMARY

4324 KUNSAN A__ B__ EA — 47 — F
STATION — STATION NAME — YEARS — MONTH

PART I 1970-1974
HOUR (LST)

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57					.1													1	1			
56/ 55					.1	.1												2	2			
54/ 53					.5		.1	.5										7	7			
52/ 51			.5	.8	.9	.9	.1											17	17			
50/ 49			.3	.6	.1	.9												11	11	5		
48/ 47		.2	.3	1.0	.3	.5												23	23	9		
46/ 45	.1	1.7	3.1	4.0	1.4	.4												88	88	28	21	
44/ 43	.4	1.8	4.7	2.8	.6	.1												81	81	49	13	
42/ 41	.1	1.3	3.8	1.3	.5													52	52	45	8	
40/ 39	.2	4.3	3.6	1.8	.8	.1												89	89	1.3	27	
38/ 37	.4	1.8	5.2	1.0	.9													78	78	86	66	
36/ 35	.1	1.8	3.9	2.8	1.2													78	78	64	36	
34/ 33	.1	.5	3.9	2.7	.3													58	59	75	52	
32/ 31	.1	.8	2.7	1.3	.3													40	40	68	54	
30/ 29		1.4	4.1	.5	.5													51	51	69	59	
28/ 27	.1	4.0	2.8	.8														60	60	47	77	
26/ 25		1.6	1.6															24	24	71	54	
24/ 23	.1	.9	.8															14	14	39	42	
22/ 21	.3	.4																5	5	24	46	
20/ 19	.1	.3																3	3	8	63	
18/ 17		.3																2	2	2	56	
16/ 15																				2	22	
14/ 13																					18	
12/ 11																					16	
10/ 9																					22	
8/ 7																					5	
6/ 5																					3	
4/ 3																					3	
2/ 1																					1	
TOTAL	3.7	23.6	40.0	21.4	8.9	2.1	.3	.3											775		774	
																		774		774		

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.	3681203	52081	67.3	5.125	774							
Dry Bulb	1131605	29037	37.5	7.197	775		21.6					84
Wet Bulb	914959	26091	33.7	6.772	774		35.8					84
Dew Point	631767	20957	27.1	9.123	774		58.7					84

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

2

PSYCHROMETRIC SUMMARY

4321 STATION — KISAN AS KUWAIT STATION NAME — 77 YEARS — 11 MONTH

PART I 1200-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53				.1														1	1		
52/ 51			.1	.1														2	2		
50/ 49				.1														1	1		
48/ 47	.3	.4	.3	.4														10	10	5	2
46/ 45	.6	1.1	1.1	1.1	.6													38	38	11	6
44/ 43	.8	2.0	3.2	2.7														68	68	17	12
42/ 41	.4	2.6	1.9	.6														43	43	32	13
40/ 39	1.0	7.3	4.5	1.3	.1													111	111	66	29
38/ 37	.7	2.0	4.2	1.5	.1													67	67	102	50
36/ 35	.4	2.0	4.9	2.0	.3													81	81	83	49
34/ 33	.1	2.0	5.0	2.7														77	77	85	43
32/ 31		3.4	4.6	1.1	.1													73	73	70	49
30/ 29		1.9	4.2	.3	.1													55	55	76	30
28/ 27	.4	7.0	3.7	.5														91	91	55	12
26/ 25		2.2	1.0	.4														28	28	113	43
24/ 23	.1	.7	.9															15	15	41	43
22/ 21		1.3	.5															14	14	16	59
20/ 19	.1	.3	.1															4	4	22	26
18/ 17		.5																4	4	6	33
16/ 15																				3	31
14/ 13																					19
12/ 11																					26
10/ 9																					18
8/ 7																					9
6/ 5																					5
0/ -1																					1
Total	4.9	37.8	40.2	15.6	1.5													783	793	783	783

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4199924	56290	71.91	3.498	783							
Dry Bulb	991290	27406	35.0	6.401	783		30.5					84
Wet Bulb	835774	25084	32.0	6.416	783		43.1					84
Dew Point	607709	20693	26.4	8.825	783	.1	61.9					84

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

2

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PAGE 1 [illegible] 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
52/ 51			.1															1	1		
50/ 49																				1	
48/ 47		.3																2	2		
46/ 45	.2	1.3	.8	.0	.1													26	26	8	8
44/ 43	1.4	1.4	1.3	.9	.3													41	41	23	17
42/ 41	.2	2.0	2.0	.8														44	44	23	16
40/ 39	.3	7.3	2.5		.1													85	85	40	10
38/ 37	2.4	4.2	3.7	.5														85	85	27	41
36/ 35	.2	4.2	3.5	1.0	.3													82	82	72	28
34/ 33	.4	2.7	4.7	3.0														85	85	77	28
32/ 31		3.7	2.5	1.4														80	80	73	34
30/ 29	.3	4.4	6.2	.6														91	91	63	55
28/ 27	.2	5.7	4.6	1.3														95	96	81	96
26/ 25	.4	2.8	2.2	.1														43	43	96	54
24/ 23	.1	1.8	1.0															23	23	51	43
22/ 21	.1	.6	.5															13	13	33	64
20/ 19		.8	.1															7	7	13	54
18/ 17	.4	.3																5	5	14	65
16/ 15		.3																2	2	3	26
14/ 13																				2	17
12/ 11																					25
10/ 9																					22
8/ 7																					10
6/ 5																					7
4/ 3																					2
TOTAL	9.7	43.5	36.1	10.9	.8														791		790
																		790		790	

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.	4537639	58777	74.4	4.442	790							
Dry Bulb	926852	26632	33.7	6.181	791		36.1					84
Wet Bulb	798874	24610	31.2	6.393	790		47.7					84
Dew Point	537215	20335	26.4	6.268	790		61.2					84

FORM 0-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JAN 71

2

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PART I ALL HOURS

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
117 / 97					.0													1		
107 / 95					.0	.1	.0											9		
97 / 93				.1	.0	.1		.0	.0									17	17		
97 / 91		.1		.2	.1	.1	.1	.0										45	46	4	
107 / 99	.0	.1		.2	.2	.1	.1	.0										40	40	20	4
107 / 97	.1	.4		.3	.3	.1	.1											81	80	44	14
107 / 95	.0	1.0	1.4	1.2	.6	.1												314	314	170	56
107 / 93	1.1	1.2	2.2	1.0	.2	.0												405	405	170	115
107 / 91	.4	1.9	1.4	.6	.1	.0												281	281	210	94
107 / 89	.2	4.5	2.3	1.0	.3	.0												507	507	438	294
107 / 87	1.0	2.0	4.5	1.0	.4													535	536	600	370
107 / 85	.0	3.7	3.8	2.0	.5	.0												656	656	407	333
107 / 83	.3	7.0	4.2	2.2	.1													589	591	714	544
107 / 81	.2	3.2	2.3	1.1	.2	.0												445	445	558	547
107 / 79	.5	3.7	4.1	.3	.2	.0												577	577	632	404
107 / 77	.0	5.2	3.7	.0	.0													712	714	545	721
107 / 75	.0	3.1	1.7	.1														331	331	702	456
107 / 73	.3	1.0	.9															173	173	419	371
107 / 71	.1	1.5	.7															107	107	256	472
107 / 69	.1	.9	.2															79	79	154	419
107 / 67	.1	.6	.2															55	55	90	437
107 / 65	.0	.4	.1															31	31	26	252
107 / 63	.0	.2	.0															13	13	38	148
107 / 61		.2																11	11	14	132
107 / 59		.1	.0															11	10	12	199
97 / 57																				3	31
67 / 55																					92
47 / 43																					23
27 / 13																					12
07 / -13																					10
-27 / -33																					8
-67 / -73																					1
-87 / -93																					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.

2

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME KIRSAN AB KS LA YEARS ____ MONTH ____

PAGE ____ ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL D.B. W.B. Dry Bulb	TOTAL 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										
[illegible]	[illegible]	40.	134.	713.	0	3.2	.0	.1	.0																	0291	0246

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.	34320791	453035	72.71	5.053	6230							
Dry Bulb	7570850	212070	34.04	7.324	6231		2109.2					0.72
Wet Bulb	6394051	194923	31.42	7.052	6200		3794.3					0.61
Dew Point	4652930	160298	25.71	9.021	6230	1.2	5086.5					0.82

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87				.2																	
86/ 85			.1	.3														4			
84/ 83	.1	.3	.3	.1															3	1	
82/ 81			.5															4	7	2	
80/ 79		.3	.3	.1														7	7	1	
78/ 77	.1	1.2	.3	.2	.1													15	16	8	6
76/ 75	.1	5.5	3.7	.9	.1													9	20	25	20
74/ 73	.1	4.3	2.2	.2														32	32	40	33
72/ 71	.1	3.9	1.9															30	30	33	43
70/ 69	1.2	6.2	3.6	.8														101	102	90	92
68/ 67	.3	5.2	3.0	.5	.1													101	101	100	59
66/ 65	1.1	5.8	4.9	1.3	.1													117	116	95	91
64/ 63	.8	3.0	5.8	1.7														103	103	102	93
62/ 61	.2	4.4	4.1	.6														62	30	72	95
60/ 59	.2	2.9	2.1	.3														49	46	71	85
58/ 57	.2	1.9	1.9															34	34	27	50
56/ 55		.6	.3															8	8	35	65
54/ 53		.3	.1															4	4	16	25
52/ 51		.2	.1															3	3	6	54
50/ 49																				3	21
48/ 47																				1	29
46/ 45																					12
44/ 43																					9
42/ 41																					5
40/ 39																					3
1-1	1.3	44.6	36.1	8.4	.5														353		861
																	961		961		

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.	5445818	67540	78.41	3.107	861							
Dry Bulb	1254067	32505	37.7	9.929	861		18.9					93
Wet Bulb	1102810	30360	35.3	6.126	861		32.5					93
Dew Point	900997	26941	31.3	8.213	861		48.4					93

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

2

PSYCHROMETRIC SUMMARY

9421 KUNSAN A[illegible] KOREA 3-77 MAY
STATION STATION NAME YEARS MONTH

PART I (0300-0900)

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
54/ 53		.1	.3															4		4		
52/ 51	.3	.3	.1															7		7	1	3
50/ 49		.6	.1															7		6	4	3
48/ 47	.2	.2	.1	.2	.1													10		10	10	5
46/ 45	.6	5.0	2.4	.6	.2	.1												85		79	11	19
44/ 43	.7	1.7	3.0	.5	.1													57		57	59	41
42/ 41	1.4	3.0	2.3	.1														54		56	43	29
40/ 39	1.4	5.3	2.1	.7	.2													85		85	79	45
38/ 37	2.2	5.0	2.6	.7														92		92	71	57
36/ 35	.4	7.2	4.3	1.3														120		120	95	71
34/ 33	1.2	4.7	4.3	1.5														101		101	113	96
32/ 31	.6	4.4	3.1	.8														77		77	98	84
30/ 29	.5	5.5	2.8	.8														83		83	95	64
28/ 27	.5	3.0	2.0	.1														42		48	80	69
26/ 25		1.4	.9															20		20	43	70
24/ 23		1.0	.3															12		12	28	30
22/ 21		.3																3		3	15	44
20/ 19		.2																2		2	5	39
18/ 17																					2	24
16/ 15																						24
14/ 13																						14
12/ 11																						6
10/ 9																						9
TOTAL	1.5	50.2	31.5	7.3	.8	.1														868		868
																		868			868	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5601367	68725	79.2	3.525	868							
Dry Bulb	1180067	31565	36.4	6.028	868		26.3					93
Wet Bulb	1044050	29606	34.1	6.240	868		38.1					93
Dew Point	853765	26233	30.2	8.389	868		53.5					93

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

2

PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PART I [illegible]

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. Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible] 55						.1												1	1		
54/ 53			.4	.2		.1												7	6	2	
52/ 51			.2	.2														4	4	4	3
50/ 49			.2	.1	.2		.1											6	6	5	1
48/ 47		.1	.3	.2	.5	.1	.1											14	14	5	6
46/ 45		1.1	5.2	2.7	.6	.1	.1											83	34	20	20
44/ 43		.7	3.5	3.5	1.0	.2												74	74	50	40
42/ 41		1.1	2.1	1.4	.2	.2												43	43	54	39
40/ 39		1.7	4.3	2.5	1.2	.1												86	86	72	41
38/ 37		1.[illegible]	5.2	3.6	.6													94	94	76	53
36/ 35		1.[illegible]	5.7	3.6	1.3	.1												93	93	94	54
34/ 33		.5	6.0	3.5	1.2													93	93	105	68
32/ 31		1.[illegible]	6.1	2.6	.4													84	84	100	87
30/ 29		.2	5.2	3.0														71	71	84	79
28/ 27		.8	3.0	2.6	.5													53	54	70	109
26/ 25			1.3	1.6														19	19	39	93
24/ 23			.6	.1														6	6	25	87
22/ 21			.5	.1														5	5	15	36
20/ 19		.1	.4															4	4	5	46
18/ 17																				4	25
16/ 15																					14
14/ 13																					12
12/ 11																					6
10/ 9																					12
8/ 7																					2
[illegible]	1.[illegible]	31.0	29.8	7.6	1.1	.5													641		639
																	839			839	

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.	5392937	66305	79.01	3.210	839							
Dry Bulb	1157143	30743	36.6	6.258	841		26.9					93
Wet Bulb	1017921	28739	34.3	6.323	839		37.3					93
Dew Point	830155	25465	30.4	8.266	836		55.2					93

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

2

PSYCHROMETRIC SUMMARY

4221 — STATION — [illegible] STATION NAME — [illegible] YEARS — [illegible] MONTH

[illegible] PART I [illegible]

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
[illegible] 77					.1												1	1		
69/ 65						.2											2	2		
67/ 63				.1													1	1		
62/ 61																			1	
60/ 59					.2	.2	.1										5	5		
58/ 57			.2	.4	.4	.1	.1										10	10	2	1
56/ 55		.1	.2	.5	.4		.1										11	11	2	
54/ 53		.4	.2	1.0	.4	.4	.1	.1									21	21	3	
52/ 51		.5	1.2	.5	1.1		.1	.1									29	29	11	3
50/ 49	.1	.5	1.1	1.9	.6	.4											35	35	21	6
48/ 47	.5	2.3	1.5	2.1	.7	.1	.1										62	62	33	14
46/ 45	1.1	4.3	5.7	4.6	1.3	.6	.1										143	140	55	25
44/ 43	1.1	1.3	4.3	3.3	.4	.4	.1										91	91	98	53
42/ 41	.8	1.4	2.3	1.8	.6												58	58	87	34
40/ 39	.1	3.2	3.1	3.2	1.4												93	93	95	46
38/ 37	.8	2.3	5.1	2.7	1.0												98	99	86	73
36/ 35	.2	1.3	3.5	3.5	.2												77	77	80	56
34/ 33	.2	1.1	2.5	1.1	.2												42	43	109	72
32/ 31		.8	.5	.7	.1												19	18	72	52
30/ 29		.2	.8	.7													15	15	52	04
28/ 27		.7	.3	.4													14	15	18	88
26/ 25		.1	.4														4	4	16	47
24/ 23		.1	.2														3	3	11	36
22/ 21		.1															1	1	6	47
20/ 19																			2	34
18/ 17																				20
16/ 15																				19
14/ 13																				10
12/ 11																				5
10/ 9																				11
TOTAL	4.4	21.2	33.5	28.5	8.9	2.4	1.0	.2									842			840
																	840		840	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4116111	57345	68.3	5.490	840							
Dry Bulb	1516756	35278	41.9	6.193	842		6.2	.1				93
Wet Bulb	1237009	31771	37.8	6.251	840		19.0					93
Dew Point	907424	26564	31.6	6.961	840		47.9					93

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

2

PSYCHROMETRIC SUMMARY

[illegible] STATION | KANSAS CITY MO STATION NAME | -77 YEARS | [illegible] MONTH

PART 1 1200-1500 HOURS G.M.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/ 67					.2														2					
66/ 65				.2				.1										3	3					
64/ 63				.2			.1	.4	.1									7	7					
62/ 61			.4	.2	.6	.2	.4	.1										10	10	1				
60/ 59		.1	.1	.2	.1	.5	.1	.1	.1									12	13	3				
58/ 57			.1	.1	.1	.2	.2											23	23	6	1			
56/ 55			.2	.3	.3	.6	.4		.1									27	26	4	4			
54/ 53		.1	.5	1.0	1.0	.4	.2											40	40	8	6			
52/ 51		.1	1.5	1.5	.9	.2												37	37	14	4			
50/ 49	.1	.1	2.2	3.4	.7	.6												61	61	21	4			
48/ 47	.0	1.4	2.5	2.6	.6	.5												69	69	60	10			
46/ 45	1.3	2.5	5.7	6.3	4.8	.9												182	182	87	59			
44/ 43	.2	.8	3.7	3.3	1.7	.5												86	86	55	40			
42/ 41	.2	.7	2.1	2.4	1.7	.1												61	61	68	41			
40/ 39	.4	1.5	2.1	4.0	1.4													80	80	94	73			
38/ 37	.2	.2	2.1	2.7	1.1													56	56	97	67			
36/ 35		.4	2.2	2.0	.7													45	45	68	69			
34/ 33	.1	.2	.4	1.1														15	15	69	82			
32/ 31		.4	.4	.4														13	13	43	45			
30/ 29			.5	.4														7	7	34	48			
28/ 27			.4	.2														5	5	10	69			
26/ 25			.2															2	2	7	58			
24/ 23																				7	28			
22/ 21																				2	41			
20/ 19																					30			
18/ 17																					17			
16/ 15																					10			
14/ 13																					4			
12/ 11																					6			
10/ 9																					6			
Total	.8	8.0	27.7	34.6	17.8	5.4	1.4	.1	.4										849		848			
																		848		848				

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.	3581084	53068	63.31	4.761	848							
Dry Bulb	1776210	38358	45.2	7.136	849		3.0	.2				93
Wet Bulb	1393733	33919	40.0	6.011	848		11.3					93
Dew Point	977878	27806	32.8	8.835	848		62.6					93

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

T
2

[illegible] AIR FORCE SURVEIC[illegible]

PSYCHROMETRIC SUMMARY

4321 KUNSAN AB KOREA -77 MAY
STATION STATION NAME YEARS MONTH

PART 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
69/ 65					.1													1	1		
67/ 63			.1	.2		.4			.1									7	7		
65/ 61				.4	.2		.3	.1										10	10		
63/ 59		.1			.4	.2												6	6	3	
61/ 57			.2	.4	.7	.3	.1											16	16	3	1
59/ 55		.2		1.2	.8	.1	.1											21	21	3	2
57/ 53		.1	.2	1.3	1.7	.4												31	31	8	4
55/ 51	.1		1.2	1.3	1.2	.4												41	41	9	6
53/ 49		.3	1.9	1.2	.7	.2	.1											42	42	37	1
51/ 47	.2	1.5	2.8	2.5	.4	.1												64	64	57	3
49/ 45	1.3	3.2	7.5	4.3	4.5	.2	.1											178	178	73	67
47/ 43	.7	1.3	4.3	4.3	1.3	.1												99	99	76	38
45/ 41	.2	1.2	2.6	2.7	.9	.1												66	66	100	53
43/ 39	.7	1.3	3.9	4.4	.6													94	94	90	72
41/ 37	.3	.3	2.4	2.6	.4													53	53	103	55
39/ 35		.5	2.7	3.3	.1													56	56	75	77
37/ 33		.8	2.5	1.2														34	34	79	54
35/ 31	.1	.1	.8	.5														13	13	64	46
33/ 29			.4	.6														8	8	46	63
31/ 27		.1	.1															4	4	16	11
29/ 25																				9	53
27/ 23																				3	47
25/ 21																					42
23/ 19																					21
21/ 17																					19
19/ 15																					10
17/ 13																					4
15/ 11																					5
TOTAL	.1	11.8	34.1	32.0	14.0	2.7	.9		.1					1				844		844	844

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3852852	55693	66.0	14.525	844							
Dry Bulb	1674248	37156	44.0	8.756	844		2.8					93
Wet Bulb	1345210	33262	39.4	6.394	844		14.1					93
Dew Point	971252	27720	32.8	8.424	844		44.2					93

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

PSYCHROMETRIC SUMMARY

9321 KUSAN A KOREA — 67-77 — MAY

PART 1 1200-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
69/ 66						.1												1	1		
67/ 64						.1												1	1		
65/ 62					.2													2	2		
63/ 60	.2		.1	.2		.1												6	6	2	2
61/ 58		.4		.1														4	4		
59/ 56	.1			.5	.1													6	6	7	2
57/ 54		.6	.4	.8	.4	.1												19	19	5	3
55/ 52	.2	.7	1.3	.5	.2													29	29	11	5
53/ 50	.2	3.6	1.3	1.1	.1													53	53	33	5
51/ 48	1.1	4.6	5.9	2.1	.5	.1												121	121	52	48
49/ 46	.5	3.8	3.9	3.4	.2													101	101	66	42
47/ 44	.2	3.3	3.7	1.5	.2													73	73	90	47
45/ 42	.6	3.2	4.0	2.5														87	88	78	56
43/ 40	.6	4.0	5.8	1.5	.1													102	102	105	65
41/ 38	.6	1.5	4.0	2.7														75	76	67	64
39/ 36		1.8	5.9	2.4														85	85	92	74
37/ 34	.4	1.0	2.5	.5														37	37	80	68
35/ 32		.4	1.9	.1														20	20	54	66
33/ 30		.1	1.5															14	14	35	78
31/ 28		.1	.2															3	3	24	60
29/ 26			.1															1	1	6	37
27/ 24		.1																1	1	2	37
25/ 22																				2	54
23/ 20																					22
21/ 18																					15
19/ 16																					6
17/ 14																					4
15/ 12																					1
TOTAL	5.0	28.9	43.3	20.1	2.1	.6											841	843	841	841	

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.	4658395	61565	73.2	3.432	841							
Dry Bulb	1409109	34069	40.4	6.138	843		8.4					93
Wet Bulb	1194456	31240	37.2	6.321	841		23.6					93
Dew Point	929805	27057	32.2	8.407	841		67.1					93

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

2

[illegible] AIR FORCE SURFACE WEATHER OBSERVATIONS
[illegible] 1-10
[illegible] AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4424 STATION — KANSAS CITY MO STATION NAME — [illegible] YEARS — MAR MONTH

PAGE 1 210-[illegible]

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				.1														1	1			
60/ 59				.1	.2													3	3			
58/ 57		.1			.1													2	2			
56/ 55		.2																2	2	2	1	
54/ 53		.4	.2	.1														6	6	4	2	
52/ 51	.1		.4	.1														5	5	7	4	
50/ 49		.2	.2	.1	.1													6	6	4	2	
48/ 47	.1	2.4	.7	.7														37	37	12	4	
46/ 45	1.1	5.3	4.1	1.1	.1													99	99	57	37	
44/ 43	.5	3.7	2.7	.9														67	67	53	30	
42/ 41	1.2	4.2	4.1	.1														82	82	75	43	
40/ 39	.7	6.9	3.4	1.0														108	108	70	56	
38/ 37	.3	5.0	7.0	.6														128	128	126	99	
36/ 35	.8	4.4	3.0	2.1														94	94	96	95	
34/ 33	.4	3.3	6.4	2.1														104	104	105	87	
32/ 31	.1	2.6	3.5	.4														56	57	67	47	
30/ 29		1.3	1.5															24	24	30	14	
28/ 27	.1	.7	2.6															24	24	42	25	
26/ 25		.2	.3															6	6	22	59	
24/ 23																				9	42	
22/ 21		.2																2	2	3	34	
20/ 19																				2	32	
18/ 17																					25	
16/ 15																					6	
14/ 13																					3	
12/ 11																					3	
10/ 9																					5	
TOTAL	7.4	41.6	40.3	10.2	.6														857			850
																		856		856		

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.	527748	66294	77.4	22.43	856							
Dry Bulb	1306713	33099	38.6	20.56	857		12.3					93
Wet Bulb	1141240	30632	36.0	20.23	856		27.7					93
Dew Point	926326	27314	31.9	18.03	850		46.5					93

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

2

AIR PROCESSING BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 KUSAN A. KOREA 0-77 MA
STATION STATION NAME YEARS MONTH

PART I ALL HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67					.0													3	3		
66/ 65				.0	.0	.0		.0										6	6		
64/ 63			.0	.1		.1	.0	.0	.0									16	16		
62/ 61			.0	.1	.1	.0	.1	.0										28	28	2	
60/ 59		.0	.0	.0	.1	.1	.0	.0	.0									29	29	6	
58/ 57	.0	.0	.1	.2	.2	.2	.1											57	59	13	5
56/ 55		.1	.1	.4	.3	.1	.1		.0									69	69	11	7
54/ 53	.0	.2	.3	.6	.5	.1	.0	.0										122	122	35	15
52/ 51	.1	.2	.6	.5	.4	.1	.0	.0										146	146	64	31
50/ 49	.1	.4	1.0	.9	.3	.2	.0											192	192	130	63
48/ 47	.3	1.7	1.2	1.2	.3	.1	.0											327	327	218	95
46/ 45	1.1	4.5	4.7	2.5	1.5	.3	.0											992	993	360	313
44/ 43	.7	2.4	3.6	2.2	.5	.1	.0											644	644	557	321
42/ 41	.7	2.5	2.5	1.1	.5	.0												495	495	590	322
40/ 39	1.0	4.0	3.0	2.3	.5													736	736	668	453
38/ 37	1.4	3.4	4.0	1.5	.3													724	725	784	506
36/ 35	.5	3.5	3.5	2.2	.2													677	679	690	577
34/ 33	.4	2.7	3.9	1.5	.0													578	578	794	638
32/ 31	.4	2.5	2.3	.5	.0													384	385	626	438
30/ 29	.1	1.3	1.6	.4														268	268	546	524
28/ 27	.2	1.2	1.3	.1														196	198	328	731
26/ 25		.5	.4															62	62	125	475
24/ 23		.3	.1															26	26	105	305
22/ 21		.2	.0															15	15	49	335
20/ 19	.0	.1																6	6	19	263
18/ 17																				7	181
16/ 15																					117
14/ 13																					62
12/ 11																					32
10/ 9																					17
8/ 7																					2
TOTAL	6.2	32.3	34.5	18.5	5.7	1.5	.4	.1	.1										6807		6797
																		6797		6797	

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.	37926055	497135	73.1	5.177	6797							
Dry Bulb	11274773	272773	40.1	7.110	6807		104.9	.3				744
Wet Bulb	9477039	249735	36.7	6.058	6797		205.2					744
Dew Point	7297662	215100	31.6	8.496	6797		385.5					744

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

2

[illegible] RESEARCH
[illegible]
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

4321 — STATION
KUNSAN A KOREA — STATION NAME
7-77 — YEARS
APR — MONTH

PART 1 — 0000-0700 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	Dew Point
68/ 67		.1	.3		.1													5			
66/ 65	.1	.1		.2														4	4	4	2
64/ 63	.1	1.2	.5			.7												23	23	6	7
62/ 61	.1	.3	1.2	.3														18	18	12	5
60/ 59	.1		.3	.5	.2			.1										18	18	11	9
58/ 57	.1	1.6	1.3	1.0	.4	.1	.1											43	43	12	7
56/ 55	.2	2.7	1.2	1.5	.8	.2												61	61	34	15
54/ 53	.8	3.1	3.6	1.5	.2	.3	.2											92	92	67	37
52/ 51	1.3	3.3	5.1	2.2	.2		.1											117	112	98	52
50/ 49	.1	4.4	3.6	.3	.2													90	90	113	81
48/ 47	.3	6.9	2.0	1.0	.1													99	99	119	91
46/ 45	1.5	8.3	6.3	1.5	.1													163	163	129	129
44/ 43	.2	2.1	3.6	.9	.4													72	72	109	103
42/ 41	.3	2.4	1.6	1.0														49	49	78	63
40/ 39	.2	1.3	2.1	.7	.1													45	45	65	82
38/ 37	.2	.4	1.0	.2														17	17	44	55
36/ 35			.1	.2														3	3	32	64
34/ 33				.1	.1													2	2	16	36
32/ 31																				3	21
30/ 29																				3	11
28/ 27																				1	28
26/ 25																					7
24/ 23																					4
22/ 21																					1
18/ 17																					3
14/ 13																					1
12/ 11																					1
TOTAL	7.0	58.8	54.5	23.8	3.4	1.3	.4	.1										916	916		916
																		916		916	

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.	6014836	73284	80.0	2.890	916							
Dry Bulb	2259187	45129	49.3	6.255	916			.5				90
Wet Bulb	1998701	42407	46.3	6.228	916		.7					90
Dew Point	1754007	39459	43.1	7.102	916		7.6					90

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

2

AIR FORCE CLIMATOLOGY PROGRAM
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 KUNSAN A KOREA 1-27

STATION STATION NAME YEARS

PART I

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
68/ 67					.1													1	1		
66/ 65		.1		.2														3	3		
64/ 63		1.1	.2	.1	.1													14	14	2	1
62/ 61	.1	.4	1.2		.1	.1												15	18	18	2
60/ 59	.4	.5	.3	.1	.4													17	17	6	15
58/ 57	.2	1.3	1.2	.3	.2													35	35	18	16
56/ 55	.2	1.3	1.9	.9	.4	.5												48	48	24	13
54/ 53	.2	2.4	3.0	.4	.4	.1												72	72	42	27
52/ 51	.4	3.5	4.0	1.0	.4	.2												93	93	70	37
50/ 49	.3	4.6	4.2	.3	.2	.2												91	91	67	23
48/ 47	.5	8.3	2.3	1.1	.3													115	115	111	80
46/ 45	2.1	8.8	5.1	.8														153	154	129	144
44/ 43	.3	3.5	2.5	.8														86	86	126	125
42/ 41	.3	3.2	2.0	.4	.1													59	59	91	66
40/ 39	.2	2.0	2.3	.8														53	54	67	39
38/ 37	.3	2.2	1.4	.1														41	41	45	24
36/ 35		.5	.4															9	9	12	24
34/ 33			.1	.2	.3													6	6	28	26
32/ 31		.1																1	1	3	18
30/ 29		.1																1	1	3	13
28/ 27																				4	29
26/ 25																					5
24/ 23																					2
22/ 21																					3
20/ 19																					2
12/ 11																					3
TOTAL	1.3	54.3	33.1	8.1	3.3	1.3												916	918	916	916

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.	6318723	75233	82.1	2.355	916							
Dry Bulb	2147306	44010	47.9	6.393	918		.2	.1				90
Wet Bulb	1921271	41551	45.4	6.314	916		1.0					90
Dew Point	1708515	38945	42.5	7.590	916		7.9					90

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

2

[illegible] BRANCH
[illegible]
AIR [illegible] SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — [illegible] STATION NAME — 7-77 YEARS — APR MONTH

PAGE 1 [illegible]

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
70/ 69				.1														1	1		
68/ 67			.2															2	2		
66/ 65		.1	.2	.1	.2													6	6	1	
64/ 63		.2	.3	.3	.2	.2												12	12	3	2
62/ 61	.1	.7	.3	.4	.6	.1	.2											22	22	13	8
60/ 59	.2	.6	.9	.3	.4													23	23	13	12
58/ 57	.1	1.7	1.8	1.9	.6	.4												53	53	16	10
56/ 55	1.0	2.4	2.0	1.4	.7	.6												73	73	41	21
54/ 53	.4	2.7	4.3	1.1	.3	.2	.2											84	84	65	27
52/ 51	.4	3.8	5.5	.8	.8	.3												105	105	72	51
50/ 49	.7	3.2	2.7	1.0	.9	.1												79	79	119	70
48/ 47	1.3	5.3	2.7	1.1	.4													93	98	101	96
46/ 45	1.7	6.4	5.8	1.1	.1													137	136	99	141
44/ 43	1.2	2.8	2.7	.8	.1	.2												70	70	109	95
42/ 41	.7	2.0	1.3	.1														37	37	88	55
40/ 39	.5	2.1	1.7	.4														43	43	58	78
38/ 37	.3	1.3	1.4	.1	.1													34	34	45	61
36/ 35		.3	.4															7	7	28	66
34/ 33		.1	.2		.1													4	4	22	48
32/ 31			.1		.2													3	3	4	18
30/ 29		.1																1	1	2	19
28/ 27																				3	19
26/ 25																				2	5
24/ 23																					1
22/ 21																					4
20/ 19																					3
18/ 17																					1
16/ 9																					3
Total	9.3	36.4	34.5	11.2	5.0	2.2	.4												904		904
																	904		904		

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.	5228926	72184	79.81	3.220	904							
Dry Bulb	2236926	44562	49.3	6.678	904		.4	.3				90
Wet Bulb	1971324	41810	46.3	6.456	904		1.1					90
Dew Point	1726946	38870	43.0	7.848	904		7.3					90

USAFETAC FORM 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

PSYCHROMETRIC SUMMARY

9321 KADENA AB, EA — 7-77 — APR

STATION — STATION NAME — YEARS — MONTH

PART I (0000-1100)

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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
76/ 75				.1	.1													2	2		
74/ 73				.2		.2	.2	.1										7	7		
72/ 71				.3	.1	.1			.1	.1								7	7		
70/ 69			.1	.2	.3	.4	.2	.2		.1								15	16	1	
68/ 67				.3	.3	.7	.6	.2	.1									23	20	4	
66/ 65		.2	.4	.6	.2	.9	1.0		.1									31	31	3	2
64/ 63		.2	.2	2.2	1.3	1.3	.6	.2	.2	.2								59	59	11	4
62/ 61	.1	.2	1.2	1.4	2.3	1.3	.3	.6	.2									72	78	22	9
60/ 59	.2	1.1	1.3	2.2	1.7	1.1	1.0											78	78	19	15
58/ 57	.2	1.8	1.2	3.4	1.1	1.1	.8	.2										95	97	26	24
56/ 55	.3	2.4	2.3	2.8	2.1	2.0	.4											116	116	76	26
54/ 53	.4	2.3	2.9	2.7	1.4	.4	.2											94	94	125	55
52/ 51	.4	1.0	2.4	1.9	1.9	.4												77	77	114	64
50/ 49	.2	1.1	1.7	2.3	1.3	.3	.1											64	64	96	73
48/ 47	.4	2.6	1.6	2.0	.6	.1	.2											67	67	101	86
46/ 45	.4	1.4	3.0	.8	.7	.2	.2											61	62	142	133
44/ 43		.2	.7	.7														14	14	75	65
42/ 41		.3	.1			.1												5	5	49	52
40/ 39		.1			.1													2	2	20	60
38/ 37				.3		.1												4	4	12	62
36/ 35			.1		.2													3	3	5	55
34/ 33																				2	45
32/ 31																				5	15
30/ 29																					23
28/ 27																				3	11
26/ 25																					5
24/ 23																					3
22/ 21																					2
20/ 19																					3
18/ 17																					5
16/ 15																					3
14/ 13																					
TOTAL	2.9	16.2	20.4	24.5	15.9	11.0	6.1	1.8	.8	.4									903		901
																		901		901	

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.	4335606	60644	67.3	6.795	901							
Dry Bulb	2828401	50167	55.6	6.774	903			5.2	.9			90
Wet Bulb	2274302	44926	49.9	6.163	901		.8	.5				90
Dew Point	1815899	39711	44.1	6.542	901		7.0					90

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

2

PSYCHROMETRIC SUMMARY

[illegible] STATION NAME [illegible] YEARS [illegible] MONTH

Part I [illegible] HOUR [illegible]

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
27/ 81												•1						1		1		
87/ 79								•1			•1							2		3		
137 77						•1												1		1		
127 75					•1	•1	•1		•1									4		4		
147 73				•2	•2	•2	•3	•1										11		11		
127 71				•1	•1	•4		•2	•3	•3								14		14		
117 69			•3		•6	•7	•5	•3	•3	•2								29		29		
667 67			•3	•4	•6	•7	•4	•7	•6	•1								35		45	4	
667 65		•3	•6	•1	1•4	1•2	•7	•7	•4	•1								49		49	11	
947 63		•2	1•2	3•9	2•4	2•5	1•1	•3	•3	•2								110	110	14	1[illegible]	
627 61		•7	1•3	1•6	2•9	1•4	1•0	•3										87	87	28	[illegible]	
667 59	•2	•7	•6	2•1	1•2	1•1	•5	•4										64	64	46	17	
537 57	•3	2•5	2•1	3•8	1•3	2•5	1•0											120	129	64	30	
567 55	•2	2•3	2•0	3•0	1•3	1•1	•3											111	111	101	52	
547 53	•1	•9	2•3	2•3	2•3	•4	•3											79	79	135	60	
527 51	•1	1•1	2•1	1•5	1•7	1•2		•1										74	74	120	86	
537 49	•1	•7	1•4	2•1	•3		•1											45	45	112	81	
497 47	•2	1•2	1•2	1•3	•5	•1												42	42	91	94	
467 45		•4	1•0	•7	•2	•1	•1											25	23	79	117	
447 43						•1												1	1	33	67	
427 41																				19	47	
407 39		•2			•2													4	4	9	92	
387 37		•2	•2	•1														5	5	6	68	
357 35																				3	42	
347 33																				4	26	
327 31																				2	21	
307 29																					8	
287 27																					13	
267 25																					3	
227 21																					2	
187 17																					1	
167 15																					3	
TOTAL	2•5	12•3	17•2	23•1	18•3	13•8	6•6	3•3	1•7	1•0	•1	•1						921	921	921		921

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.	4172077	60005	65•21	6•096	921							
Dry Bulb	3153114	53524	58•1	6•802	921			9•6	2•4	•1		90
Wet Bulb	2492704	47612	51•7	5•838	921		•2	•4				90
Dew Point	1971796	41968	45•6	8•036	921		5•1					90

FORM 0 26 3 OI A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

PSYCHROMETRIC SUMMARY

Temp °F	WET BULB TEMPERATURE DEPRESSION °F																										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+													
107 / 99								.1																			1			
102 / 97							.2			.1																	3			
97 / 95							.3																				3			
92 / 89					.2	.2		.1																			5			
92 / 91			.1	.2	.2		.1	.4																			12			
87 / 89			.1	.1	.1	.2	.1	.2	.1	.3																	20			
82 / 87			.3	.1	.4	.3	.6	.7																			24	24	2	
77 / 85	.1	.1	.2	.2	1.0	.3	.3	.2	.1																		27	27	10	1
72 / 83		.7	.5	3.0	1.5	1.5	1.0	.7																			37	37	14	7
67 / 81	.1	.9	.8	2.0	2.7	1.1	1.4																				71	71	17	9
62 / 79		.9	1.2	1.5	1.6	1.0	.8																				65	65	30	13
57 / 77	.2	1.5	2.2	4.4	1.9	1.1	.2																				105	105	70	19
52 / 75	.1	2.1	2.1	5.3	2.0	.8	.2																				115	116	75	39
47 / 73	.1	1.6	2.7	1.8	2.0	.8	.1																				92	88	119	47
42 / 71	.1	1.6	3.2	2.3	3.0	.3	.4																				104	106	120	65
37 / 69	.2	1.5	1.2	2.5	.8	.2																					54	59	136	50
32 / 67	.1	1.3	1.1	3.1	.4	.2																					62	62	116	85
27 / 65		.4	1.5	.3	.3	.2																					31	31	3	104
22 / 63	.1		.2	.2	.1																						6	6	01	53
17 / 61			.1	.1																							2	2	25	42
12 / 59		.2	.1		.2																						5	5	17	74
07 / 57			.2	.1																							3	3	6	22
02 / 55																													5	70
03 / 53																													3	22
07 / 51																													2	10
12 / 49																														11
17 / 47																														11
22 / 45																														2
27 / 43																														2
32 / 41																														2
37 / 39																														2
42 / 37																														2
47 / 35																														2
52 / 33																														2
TOTAL	1.4	12.6	13.3	28.4	18.7	9.1	5.9	2.4	.7	.4																	911	911	911	911

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.	4328876	61470	67.5	15.977	911							
Dry Bulb	2948342	51470	56.5	8.061	911			8.7	1.2			90
Wet Bulb	2307973	46145	50.7	8.107	911		.2	.2				90
Dew Point	1895122	40954	45.0	7.706	911		4.1					90

USAFETAC FORM 0 26 3 (IA JN 1)

2

PSYCHROMETRIC SUMMARY

4321 STATION — KOSRAE A KOSRAE STATION NAME — 1967 YEARS — AUG MONTH

PART I (0-24 HOUR)

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
76/ 75							.1											1	1			
74/ 73						.1				.1								2	2			
72/ 71				.3			.1											4	4			
70/ 69				.1		.1		.1		.1								4	4			
68/ 67			.1		.2		.3											6	6			
66/ 65		.2	.3		.4	.1	.2	.1	.1									14	14	4		
64/ 63	.2	.4	.3	2.1	.0	.0	.3	.3										41	48	8	7	
62/ 61	.1	.7	1.0	1.1	1.3	.4	.4											46	46	8	7	
60/ 59	.2	1.1	1.2	1.4	1.2	.2												49	49	19	5	
58/ 57	.1	1.0	1.5	2.1	.0	1.0												57	59	40	16	
56/ 55	.2	3.4	3.0	4.2	.6	.7												114	114	97	67	
54/ 53	.5	2.0	4.3	2.4	2.3	.1	.1											107	107	88	44	
52/ 51	1.2	2.7	4.0	2.1	1.0													112	112	113	56	
50/ 49	.2	2.7	3.0	2.5	.8	.1												93	93	131	80	
48/ 47	.3	3.1	3.3	1.4	.3	.1												82	82	101	92	
46/ 45	.1	2.7	5.5	2.1	1.0													109	111	106	140	
44/ 43	.3	.4	1.4	1.0	.1													36	36	95	75	
42/ 41	.1		.4	.1	.2													8	8	60	46	
40/ 39		.3	.2	.5														13	10	41	60	
38/ 37			.2		.1													3	3	22	43	
36/ 35			.1		.2													4	3	8	55	
34/ 33		.1																1	1	5	32	
32/ 31																				2	10	
30/ 29																				3	14	
28/ 27																					19	
26/ 25																					4	
24/ 23																					2	
22/ 21																					1	
20/ 19																					3	
TOTAL	5.0	21.0	31.4	24.1	12.2	3.7	1.0	.5	.1	.2								911		911		911

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.	2088726	66774	73.3	4.616	911							
Dry Bulb	2584840	48226	52.9	6.394	911			1.7	.3			90
Wet Bulb	2174836	44182	48.5	5.938	911		.5					90
Dew Point	1818854	40118	44.0	7.571	911		5.2					90

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

2

PSYCHROMETRIC SUMMARY

STATION NAME

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.	TOTAL W.B.	Dry B.	TOTAL Wet B.	Dew Point
87/ 67			.1															1	1			
82/ 65		.2	.2	.1	.1	.1												7	7			
77/ 63	.1	.2	.2	.3	.2	.3	.2		.1									25	25	7		3
72/ 61	.3	.1	1.4	.5	.4	.2												2	23	10		9
67/ 59	.2	.4	.6	.7	.3	.2	.2	.1										32	32	10		5
62/ 57	.1	1.2	2.1	1.2	1.4	.2		.1										54	54	26		14
57/ 55	.4	3.5	2.1	2.7	.3													83	83	45		15
54/ 53	1.6	2.2	4.7	2.6	1.1		.1											121	121	91		51
52/ 51	.7	3.5	5.7	2.2	.4													116	116	94		52
50/ 49	.1	3.3	2.5	2.0	.5													77	77	120		74
48/ 47	.4	6.6	2.5	1.5	.1													97	97	125		76
46/ 45	.5	4.6	6.6	2.0	.7													132	133	127		140
44/ 43	.5	2.6	3.3	2.0	.1													78	76	91		95
42/ 41	.5	1.6	1.3	.7	.1													37	37	92		89
40/ 39		.4	.4	.8														15	15	98		77
38/ 37			.6															7	7	91		56
36/ 35				.2														2	2	13		32
34/ 33				.1														1	1	11		21
32/ 31																						16
30/ 29																				3		25
28/ 27																						22
26/ 25																						8
24/ 23																						3
18/ 17																						3
Tot	5.7	31.5	34.9	20.2	5.5	1.1	.5	.2	.1									914		914		914
																		914		914		

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.	5080823	71017	77.71	3.343	914							
Dry Bulb	2370316	46286	50.6	5.755	914			.1				90
Wet Bulb	2071753	43175	47.2	5.947	914		.3					90
Dew Point	1790370	39854	43.6	7.521	914		7.6					90

USAFETAC FORM 0-26-3-OL-A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

2

[illegible] AIR FORCE SURFACE WEATHER OBSERVATIONS
[illegible] STATION
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION NAME [illegible] YEARS [illegible]

PART I ALL

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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
-27/-31																		1	1		
-22/-29																		4	4		
78/ 77							.0			.0								4	4		
75/ 75				.0	.0	.0	.1		.0									10	10		
74/ 73				.1	.1	.1	.1	.1		.0								25	25		
72/ 71			.0	.1	.1	.1	.0	.0	.1	.1								37	37		
71/ 69			.1	.1	.2	.2	.1	.2	.1	.1								71	70	1	
68/ 67		.2	.2	.1	.2	.2	.3	.2	.0	.0								94	94	10	
66/ 65	.0	.2	.3	.2	.4	.3	.3	.1	.1	.0								141	141	33	5
64/ 63	.1	.7	.4	1.6	.8	.9	.4	.2	.1	.1								384	384	95	41
62/ 61	.1	.5	1.1	1.0	1.3	.6	.5	.1	.0									375	375	128	91
60/ 59	.2	.7	.9	1.1	.9	.5	.3	.1										346	346	124	91
58/ 57	.2	1.0	1.8	2.3	1.0	.8	.3	.1										582	583	322	136
56/ 55	.3	2.7	2.1	2.7	1.0	.7	.1											722	722	443	213
54/ 53	.7	2.2	3.6	1.8	1.3	.3	.2											737	737	532	350
52/ 51	.5	2.0	4.1	1.7	1.3	.3	.1	.0										795	795	721	500
50/ 49	.4	2.7	2.6	1.7	.6	.1	.0											598	598	914	500
48/ 47	.7	4.9	2.0	1.6	.4	.1	.0											662	662	855	696
46/ 45	.7	4.2	4.4	1.2	.4	.1	.0											809	813	934	1150
44/ 43	.7	1.5	1.3	.9	.1	.0												303	353	719	676
42/ 41	.3	1.1	.9	.3	.1	.0												197	197	512	440
40/ 39	.2	.9	.9	.4	.1													177	178	365	302
38/ 37	.2	.5	.7	.1	.0	.0												114	114	221	196
36/ 35		.1	.2	.1	.1													27	27	136	158
34/ 33		.0	.0	.1	.1													14	14	91	299
32/ 31		.0	.0		.0													4	4	21	129
30/ 29		.0																2	2	14	129
28/ 27																				11	152
26/ 25																				2	39
24/ 23																					17
22/ 21																					15
20/ 19																					10
18/ 17																					9
16/ 15																					13

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 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

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. Dry Bulb	TOTAL Wet Bulb	Dew Point
147	13																				1
127	11																				4
107	9																				2
87	7	20	25	19	21	4	5	4	2	7	1			4		3		7300	1294	1274	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	41808685	540233	74.1	5.953	7296							
Dry Bulb	20534624	383376	52.5	7.410	7300		.6	24.2	4.3	.1		720
Wet Bulb	17272984	351805	48.2	6.461	7296		4.7	1.1				720
Dew Point	14681597	319879	43.9	7.836	7296		51.7					720

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

2

AIR WEATHER SERVICE (MAC)

PSYCHROMETRIC SUMMARY

9224 / KUNSAN AB KOREA / 7-77 / MAY

STATION / STATION NAME / YEARS / MONTH

PAGE 1 0000-1200 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71					.1													1	1		
70/ 69			.7	.5		.2	.2											14	16		
68/ 67		.5	1.7	.3	.4													2	29	4	
66/ 65	.2	1.5	.7	.6	.5	.1	.3											39	49	12	6
64/ 63	.1	5.1	4.6	3.4	.7	.6												140	140	46	23
62/ 61	1.2	4.7	3.3	3.3	.5	.1												132	132	75	57
60/ 59	1.4	5.1	3.9	1.8	.2													112	112	113	94
58/ 57	1.7	7.3	6.3	2.7		.1												173	173	158	107
56/ 55	1.2	4.3	4.7	2.4	.1													129	129	155	117
54/ 53	.5	2.8	3.2	2.4														87	87	130	121
52/ 51	.6	1.4	2.8	1.0	.2													58	58	115	126
50/ 49	.1	.2	.7	.6		.2												25	25	84	76
48/ 47	.1	.6	.3	.2	.1													13	13	69	63
46/ 45		.9																9	9	42	35
44/ 43																				13	23
42/ 41																				2	13
40/ 39																				1	10
38/ 37																					5
36/ 35																					2
34/ 33																					1
TOTAL	7.0	35.3	33.5	19.4	2.9	1.4	.5												959		959
																		959		959	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6546100	78546	81.91	10.954	959							
Dry Bulb	3303905	56107	58.5	4.728	959			4.4				93
Wet Bulb	2962160	53102	55.4	4.168	959			.4				93
Dew Point	2707812	50660	52.8	5.748	959		.3					93

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

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

DAYS

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
70/ 69		.1	.1	.2														4	4		
68/ 67		.2	.0	.3	.3	.1												17	17	2	
66/ 65	.2	1.5	.3	.4	.3	.1												28	28	9	1
64/ 63	.2	4.4	3.1	2.3	.5	.2	.2	.1										112	112	34	22
62/ 61	.3	4.7	4.3	1.4	.0													110	110	94	91
60/ 59	.2	6.1	4.3	1.1	.4	.1												138	138	112	74
58/ 57	.3	5.8	4.3	1.7	.2	.1												138	138	155	110
56/ 55	.2	7.1	4.3	1.1														128	128	115	96
54/ 53	.2	4.4	4.4	1.4														118	116	157	126
52/ 51	1.4	2.5	4.1	.9														80	80	115	150
50/ 49	.2	2.0	.7	.1	.2	.2												33	33	96	78
48/ 47	.1	1.6	.8	.4														28	28	46	81
46/ 45	.3	1.5	.7	.2														27	27	21	97
44/ 43																				24	35
42/ 41																				9	10
40/ 39																				2	16
38/ 37																					5
36/ 35																					3
34/ 33																					1
32/ 31																					3
30/ 29																					1
28/ 27																					1
Total	1.8	41.7	32.4	11.0	2.6	1.1	.2	.1										961	961	961	961

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.	5936179	80983	84.31	10.791	961							
Dry Bulb	3167039	54965	57.2	4.925	961			2.0				93
Wet Bulb	2881033	52405	54.5	4.926	961			.2				93
Dew Point	2666397	50291	52.3	5.025	961		.5					93

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

2

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PART I (0-[illegible])

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
76/ 75									.1									1	1		
74/ 73				.1	.1			.1										3	3		
72/ 71			.2	.2	.2			.1										7	7		
70/ 69			.4	.5	.6	.2	.2											15	19	1	
68/ 67		.2	1.8	1.3	1.1	.1	.2											44	44	7	1
66/ 65	.1	1.3	2.8	1.5	1.7	.3												74	74	12	6
64/ 63	1.4	5.2	4.2	3.7	1.0	.3	.6	.2										156	156	62	35
62/ 61	1.1	4.0	6.6	2.3	.5	.2	.1											134	134	78	44
60/ 59	.4	3.7	2.8	1.8	.6	.2												90	90	116	65
58/ 57	1.4	5.0	4.4	2.4	.3	.1												128	128	153	113
56/ 55	1.1	4.7	3.2	1.4	.1		.2											102	102	124	120
54/ 53	1.1	3.1	2.2	1.2		.1	.1											73	73	128	105
52/ 51	1.3	1.6	2.6	.2														50	50	96	133
50/ 49	.1	.7	1.0	.2	.2													21	21	74	84
48/ 47	.1	1.3	.2	.1	.2													20	20	29	54
46/ 45	.1	1.2	.3															15	15	15	97
44/ 43		.7																2	2	16	19
42/ 41																				6	15
40/ 39																				2	12
38/ 37																					5
36/ 35																					3
32/ 31																					2
30/ 29																					3
28/ 27																					1
TOTAL	7.8	32.7	31.9	17.0	6.7	1.6	1.5	.4	.1									939		939	
																	939		939		

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.	6257675	75747	80.71	2.533	939							
Dry Bulb	3324606	55640	59.3	5.439	939			7.3	.4			93
Wet Bulb	2947362	52392	55.8	5.071	939			.8				93
Dew Point	2674299	49787	53.0	6.067	939		.6	.1				93

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

2 DATA PROCESSING BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9321 STATION — [illegible] STATION NAME — 7-11 YEARS — MAY MONTH

[illegible] HOURS [illegible]

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
107/ 63								.1										1		1		
102/ 61							.1	.1			.2							4		4		
97/ 59						.2	.1	.1		.3								7		7		
92/ 57					.1	.5	.1		.1	.2								1		10		
87/ 55					.4	.3	.6	.1	.4	.1								1		19		
82/ 53				.3	1.2	.9	.7	.2	.3	.2								35		36		
77/ 71	.1		.2	.5	2.0	1.9	1.0	.3	.5	.2								64		64	2	1
72/ 69		.4	2.0	2.2	2.0	2.2	.6	.4	.2	.1								97		97	6	
67/ 67	.1	.3	2.3	2.1	2.1	1.6	.9	.6	.3	.1								99		103	25	4
62/ 65	.1	2.4	2.0	3.6	2.3	1.4	.5	.3	.2	.1								126		126	64	16
57/ 63	.6	3.9	3.7	7.2	3.0	1.4	.5	.2										194		195	111	71
52/ 61	.7	1.4	2.7	3.2	1.6	.4	.1											95		95	154	76
47/ 59	.6	.7	1.6	1.8	1.1	.3												59		59	136	90
42/ 57	.4	2.3	1.7	1.4	.2	.1	.1	.1										60		60	144	130
37/ 55	.5	1.8	1.6	.6	.1	.2		.1										41		41	118	120
32/ 53	.3	.3	.7			.1	.1											15		15	92	101
27/ 51	.1	.3	.3	.2														9		9	53	95
22/ 49		.1		.1														2		2	18	74
17/ 47		.1																1		1	7	59
12/ 45		.1																1		1	6	57
7/ 43																					2	24
2/ 41																					2	14
-3/ 39																						12
-8/ 37																						7
-13/ 35																						3
-18/ 33																						4
-23/ 29																						1
-28/ 27																						1
-33/ 25																						2
TOTAL	3.7	14.5	18.3	23.4	16.2	11.7	5.5	2.0	2.1	1.4	.2								942			940
																		940		940		

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.	4828212	65678	69.9	5.963	940							
Dry Bulb	3993565	61099	64.9	5.705	942			33.4	7.6	.7		93
Wet Bulb	3263233	55207	58.7	4.715	940			1.3				93
Dew Point	2788640	50824	54.1	6.566	940		.4	.5				93

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

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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.	TOTAL W.B.	TOTAL Dew Point
≥87 / ≥7										.1								1	1	
84 / 83							.1			.1								2	2	
82 / 81							.6	.1	.3	.3	.2		.1					1[illegible]	16	
80 / 79						.4	.2	.2	.1	.1								1[illegible]	19	
78 / 77				.1	.3	.4		[illegible]	.3		.[illegible]							1[illegible]	15	
76 / 75			.1		.5	.9	.9	.5	.4	.2		.2						3[illegible]	38	
74 / 73			.1	.9	1.3	1.4	1.7	.8	.1	.5	.1							66	66	
72 / 71			.3	1.4	2.5	1.9	1.0	.7	.8	.2	.1							95	95	4
70 / 69	.3	.3	1.6	2.7	3.5	2.6	.9	.4	.7	.1								12[illegible]	120	20	5
68 / 67	.2	.7	3.3	2.5	2.4	1.3	.9	.4	.3									115	115	39	6
66 / 65	.2	2.0	2.0	1.8	2.1	1.5	.5	.2	.1									99	99	43	26
64 / 63	.2	3.1	3.3	0.4	3.2	1.4	.2	.1	.1									172	172	136	78
62 / 61	.1	1.5	2.7	2.3	1.3	.4			.1									85	90	148	97
60 / 59	.1	.8	2.0	.9	.3				.1									41	41	137	91
58 / 57	.2	1.3	1.4	.6	.1	.2			.1									37	37	134	102
56 / 55	.1	1.3	.4		.1	.1												19	19	114	117
54 / 53	.5	.3	.2	.1	.2													13	13	72	107
52 / 51			.4															4	4	25	102
50 / 49																				4	65
48 / 47																				8	52
46 / 45																				3	28
44 / 43																				1	20
42 / 41																				1	9
40 / 39																					19
38 / 37																					6
36 / 35																					4
34 / 33																					1
32 / 29																					1
28 / 27																					1
26 / 25																					1
24 / 23																					1
TOTAL	2.2	11.3	17.8	19.9	17.8	12.5	8.0	4.1	3.7	1.7	.0	.2	.1						949		949
																		949		949	

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.	4554418	63882	67.3	10.375	949							
Dry Bulb	4275206	63450	66.9	5.883	949			47.4	14.5	2.0		93
Wet Bulb	3426659	56859	59.9	4.590	949			0.2				93
Dew Point	2893671	52029	54.8	6.372	949		.4	1.1				93

USAFETAC FORM 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

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	Dew Point
47/ 43							.2			.1	.1							4	4		
42/ 41						.1			.1	.1								3	3		
37/ 29							.1	.2	.1			.1						5	5		
72/ 71				.1	.1	.6	.4			.2								14	14		
76/ 75				.3	.4	.4	.5		.4			.3						22	22		
74/ 73				.5	.6	1.1	1.7	1.2	.2	.2								50	50		
72/ 71		.1	.2	1.4	1.6	1.5	1.3	.4	.1									52	52	4	
72/ 69	.1	.1	1.0	1.9	2.9	1.6	.4	.2	.4	.1								95	95	7	2
68/ 67		.6	2.3	2.6	3.6	1.8	.5	.3	.3									119	119	28	5
66/ 65	.2	2.0	2.9	3.7	2.4	1.4	1.0	.1										135	135	72	16
64/ 63	.4	3.7	3.3	7.3	2.4	2.0	.5	.5										191	191	113	33
62/ 61	.1	1.8	2.6	3.7	1.0		.2											24	94	162	79
60/ 59	.1	1.4	1.9	1.6	.9	.1	.1											57	57	154	89
58/ 57	.3	1.5	1.3	.3	.1	.2	.1											38	38	128	120
56/ 55	.4	.9	1.0	.2	.1	.3	.1											28	28	135	127
54/ 53	.2	.4	.4	.3	.2	.1												16	16	77	111
52/ 51		.2	.4															6	6	27	91
50/ 49																				17	65
48/ 47																				8	40
46/ 45																				5	23
44/ 43																				2	31
42/ 41																					5
40/ 39																					2
38/ 37																					1
36/ 35																					3
34/ 33																					1
32/ 31																					1
30/ 29																					1
TOTAL	2.1	12.8	18.4	24.1	17.0	11.4	7.9	3.3	1.7	.7	.1	.4						939		939	
																		939		939	

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.	4684793	64747	69.0	15.325	939							
Dry Bulb	4064387	61563	65.6	20.481	939			37.0	9.1	2.7		93
Wet Bulb	3309672	55584	59.2	4.246	939			3.9				93
Dew Point	2819617	51107	54.4	6.366	939		.2	.7				93

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

2

[illegible] PROCESSING BRANCH
USAFETAC
[illegible] AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 — STATION — KOKSAK A [illegible] — STATION NAME — 7-? — YEARS — MAY — MONTH

[illegible] 1200-2400 — HOURS (LST)

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79					.1													1	1			
78/ 77							.1											1	1			
76/ 75				.2		.1	.1											4	4			
74/ 73			.1	.3	.2	.3	.1	.1										11	11			
72/ 71			.2	.4	1.0	.5	.1	.1	.1									24	24	1		
70/ 69			.3	.6	1.3	1.6	.3	.1	.1									43	43	3		
68/ 67		.4	3.0	1.6	1.5	.5	.7											74	74	8	2	
66/ 65	.1	1.2	3.4	2.6	1.7	1.0	.2		.1									104	106	29	11	
64/ 63	.0	4.2	5.1	7.8	2.0	2.2	.3	.1										223	223	69	40	
62/ 61	.0	4.0	4.6	3.5	2.3	.3	.2											140	149	116	71	
60/ 59	.1	2.0	2.7	2.0	1.0	.1												87	87	145	93	
58/ 57	1.5	3.0	2.3	3.1	.0	.2												105	105	164	109	
56/ 55	.1	2.5	1.7	1.7	.4	.4												63	68	124	128	
54/ 53	.2	.7	1.3	1.4	.2													36	36	110	112	
52/ 51	.2	.4	1.4		.1	.1												21	21	73	112	
50/ 49		.1		.1		.2												4	4	46	67	
48/ 47		.2																2	2	18	71	
46/ 45																			1	9	84	
44/ 43																					44	
42/ 41																				3	8	
40/ 39																					6	
38/ 37																					5	
36/ 35																					3	
34/ 33																					1	
32/ 29																					1	
28/ 27																					2	
TOTAL	4.3	20.0	26.8	25.6	13.3	7.2	2.1	.4	.3										960		958	
																		958		958		

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.	5574147	71961	75.1	13.230	958							
Dry Bulb	3711964	59504	62.0	9.772	958			15.3	1.6			93
Wet Bulb	3108143	54913	57.3	9.029	958			1.2				93
Dew Point	2792169	51397	53.7	8.017	958		.3	.2				93

USAFETAC FORM 0-26-3 OL-A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

STATION _____ STATION NAME _____ YEARS _____

PSYCHROMETRIC SUMMARY

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.	TOTAL W.B.	Dry B.	wet B.	Dew P.
74/ 73					.1													1		1		
72/ 71			.2	.1	.2	.1												2		2		
70/ 69		.2	1.3	.1	.1	.2	.1		.1									6		5		
68/ 67		.2	1.1	.6	.2	.2	.1											22		22	6	5
66/ 65	.4	1.3	2.4	.8	1.7	.4	.2											71		71	13	15
64/ 63	.4	2.2	3.9	5.2	1.1	.7												179		179	23	30
62/ 61	1.	4.4	5.3	3.4	.8	.2	.1											158		158	41	26
60/ 59	.2	3.1	4.1	2.6	.2	.1												141		141	117	96
58/ 57	.2	4.6	4.7	2.8	.7													146		146	132	115
56/ 55	.4	2.9	4.3	2.6	.2	.1												95		95	142	117
54/ 53	.5	1.1	1.7	3.1														52		52	117	123
52/ 51	.4	.3	1.9	.6														31		31	94	111
50/ 49		.2	.4		.2	.1												9		9	70	96
48/ 47		.4	.1	.1														6		6	26	91
46/ 45		.2																2		2	9	52
44/ 43																					4	24
42/ 41																					3	15
40/ 39																						8
38/ 37																						3
36/ 35																						2
34/ 33																						1
32/ 31																						
30/ 29																						1
TOTAL	.2	26.6	34.5	22.8	7.6	2.2	.3		.1										959			959
																		959		959		

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.	6186844	76234	79.5	11.503	959							
Dry Bulb	3409816	57520	60.0	4.547	959			5.7	.1			93
Wet Bulb	3063266	54020	56.3	4.611	959			.8				93
Dew Point	2766457	51209	53.4	5.778	959		.3	.3				93

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

2

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

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.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
[illegible]										.0								1	1			
[illegible]							.0			.0	.0							7	7			
[illegible]						.0	.1	.0	.1	.1	.1		.0					23	23			
[illegible]							.0	.1	.1	.1	.0	.1		.0				23	23			
[illegible]					.0	.1	.2	.1	.1	.1	.1	.0						47	47			
[illegible]						.1	.2	.2	.3	.1	.2	.0		.1				34	34			
[illegible]				.0	.3	.4	.4	.5	.3	.1	.1	.0						157	157			
[illegible]		.0	.2	.5	1.0	.7	.5	.2	.2	.1	.0							262	262	11	1	
[illegible]	.1	.1	1.1	1.1	1.3	1.0	.4	.2	.2	.0								42	420	49	7	
[illegible]	.	.4	2.1	1.4	1.5	.7	.4	.2	.1	.0								525	526	119	21	
[illegible]	.2	1.8	2.1	1.9	1.6	.8	.4	.1	.1	.0								579	579	304	102	
[illegible]	.6	4.4	4.2	3.4	1.8	1.1	.3	.2	.0									1306	1306	644	379	
[illegible]	.7	3.3	4.1	2.9	1.2	.2	.1		.0									952	952	928	553	
[illegible]	.7	3.2	3.3	1.8	.7	.1	.0		.0									731	731	1090	692	
[illegible]	1.3	3.9	3.3	1.9	.3	.1	.0	.0	.0									825	825	1258	884	
[illegible]	.3	3.2	2.0	1.2	.1	.1	.0	.0										601	601	1117	944	
[illegible]	.7	1.7	1.8	1.2	.1	.0	.0											429	429	893	910	
[illegible]	.3	.5	1.7	.3	.0	.0												259	259	598	922	
[illegible]	.1	.3	.4	.1	.1	.1												94	94	409	615	
[illegible]	.	.0	.2	.1	.0													70	70	171	217	
[illegible]	.1	.3	.1	.0														54	55	90	583	
[illegible]		.																2	2	62	210	
[illegible]																				26	89	
[illegible]																				5	58	
[illegible]																					43	
[illegible]																					21	
[illegible]																					13	
[illegible]																					8	
[illegible]																					11	
[illegible]																					7	
[illegible]																					3	
[illegible]																					1	
[illegible]	5.2	24.4	26.7	20.4	10.4	6.1	3.3	1.4	1.0	.5	.1	.1	.0					7604	7604	7604	7604	

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.	45568414	577778	76.0	14.807	76 4							
Dry Bulb	29310448	469848	61.8	0.217	76 0			151.9	33.7	3.3		744
Wet Bulb	25021548	434482	57.1	5.075	76 4			16.5				744
Dew Point	22106822	407304	53.6	0.174	76 4		2.9	2.8				744

USAFETAC FORM 0 26 3 OL A

2

PSYCHROMETRIC SUMMARY

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77 / 77			.2																	2		
77 / 77			.2	.1																3		
76 / 75		.3	.4	.7	.1													14	14	2	2	
74 / 73		.3	.3	.7	.2	.2	.2											32	32	9	9	
72 / 71	.1	1.4	4.7	2.3	1.1	.1												73	73	24	24	
70 / 69	1.1	2.7	7.3	2.3	.4	.2												131	130	61	61	
68 / 67	1.2	1.9	8.8	1.6	2.3	.4												135	138	24	25	
66 / 65	1.1	2.2	4.9	2.3	.7	.2	.1											143	139	175	172	
64 / 63	2.1	9.7	7.3	2.2	.2	.1												185	179	141	144	
62 / 61	.3	2.3	1.5	.7														51	51	136	141	
60 / 59	.1	1.3	.9	.1														21	21	176	171	
58 / 57	.2	1.3	.2															17	17	48	48	
56 / 55	.1	.4																5	6	53	52	
54 / 53																				4	42	
52 / 51																					10	
50 / 49																					2	
48 / 47																					1	
46 / 45																					2	
1 1	.4	31.3	39.2	13.2	5.3	1.9	.9												953		953	
																		953		953		

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.	6062322	71484	83.8	10.377	853							
Dry Bulb	3815174	56942	66.8	9.258	853			44.3	5.4			90
Wet Bulb	3461424	54234	63.6	3.238	853			20.0	1.2			90
Dew Point	3252385	52517	61.6	4.726	853			11.6	.5			90

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9321 — STATION
KUSAN A K[illegible] FA — STATION NAME
[illegible]7-7[illegible] — YEARS
J — MONTH
PA[illegible] — [illegible]

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/79			.2															2				
79/77		.1	.2															3				
76/75		.2	.3	.2		.2												7		3		
74/73		.6	.6	.3	.3	.3												21	21	5		
72/71	.7	2.1	1.9	1.4	1.0	.6												67	66	28		
70/69	1.3	3.2	2.1	1.2	.7	.2												115	115	57		
68/67	.9	2.9	6.1	1.0	1.0	.3												102	102	68		
66/65	2.9	10.6	3.9	2.9	.6	.1	.1											18	190	161		
64/63	3.2	12.6	5.7	1.7	.6	.7												213	212	154		
62/61	2.1	3.6	2.4	.2	.3													75	75	152		
60/59	.7	2.4	.9	.2														39	39	110		
58/57	.3	2.3	.1															25	26	87		
56/55	.2	1.0																11	11	46		
54/53		.1																1	1	13		
52/51																						
50/49																						
48/47																						
46/45																						
TOTAL	11.0	42.2	29.6	9.3	4.0	2.5	.1											864	864	864		

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.	0403279	74177	85.9	10.430	864							
Dry Bulb	3749505	56805	65.7	4.137	864			33.3	3.7			90
Wet Bulb	3447799	54467	63.0	4.052	864			16.8	.8			90
Dew Point	3203483	52935	61.3	4.869	864			2.3	.5			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

9321 — NORMAL AFB, NEBRA — 1/1-12 — J

PA 1 — 1 0

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/ 73				.1	.1													2				
72/ 71			.2		.1	.1												4				
67/ 65		.2	.3	.7	1.2	.2	.1											3	4			
62/ 59		1.2	1.2	.3	1.2	.4	.2											6	4	7		
57/ 55		1.2	4.7	3.7	.2	.2	.2	.1										17	15	8		
52/ 49	.1	2.1	5.2	4.9	2.1	1.2	.4	.1										15	15	21	11	
47/ 47	.1	2.1	7.7	1.2	1.7	.7												11	11	17	12	
42/ 45	1.2	7.3	3.1	2.9	.6	.1												14	13	16	11	
37/ 33	2.3	7.3	5.2	1.7	.2	.1												16	16	15	17	
32/ 31	1.1	2.1	1.1	.3	.1													4	4	10	14	
27/ 29	.2	.3	.7															1	1	3	7	
22/ 21	.1	.0																		2	2	
17/ 15		.1																1	1	16	24	
12/ 13		.1																1	1	3	22	
07/ 01																					20	
02/ -4																					5	
-3/ -7																					5	
-8/-12																					1	
Total	.5	29.5	33.5	16.3	8.2	3.4	1.7	.1										841		840		840
																		840				

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.	5730291	63695	81.8	11.576	840							
Dry Bulb	3863490	56892	67.6	4.206	841			50.9	11.1			90
Wet Bulb	3451572	53750	64.0	3.815	840			23.9	.7			90
Dew Point	3213968	51806	61.7	4.746	840			11.0	.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

4221 KIMSAN AB KOREA 67-76 JU
STATION STATION NAME YEARS MONTH

PART 1 0900-1100
HOUR (LST)

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/ 83							.4	.1	.1	.1									5		
82/ 81			.1	.4	.2	.3	1.0	.4	.2									2	26		
80/ 79			.1	1.9	.6	2.2	.7	.3	.1	.1								5	53		
78/ 77		.1	.5	2.5	1.7	1.9	1.1	.2	.1	.2								7	79	1	
76/ 75		.1	1.4	3.6	3.1	1.9	1.3	.1	.1									9	93	6	
74/ 73		1.0	2.2	7.6	2.5	2.2	.7	.3	.2									14	147	17	4
72/ 71		1.2	3.2	5.2	2.3	2.0	.5	.3										12	124	17	1
70/ 69	.1	1.1	6.4	2.8	3.1	1.4	.1	.1										12	126	18	33
68/ 67	.3	.7	3.1	1.4	1.4	.2												8	81	16	7
66/ 65	.7	2.8	2.8	1.0	.5	.1												9	65	150	114
64/ 63	1.0	1.4	1.6	1.0														4	41	131	213
62/ 61	.2	.2	.6	.5														1	13	17	121
60/ 59																				97	75
58/ 57		.2																2	2	45	70
56/ 55																				6	40
54/ 53																					25
52/ 51																					14
50/ 49																					9
48/ 47																					3
46/ 45																					2
44/ 41																					1
TOTAL	2.4	9.5	22.0	27.8	15.5	12.9	5.8	2.0	1.0	.5								831	832	831	831

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.	4519929	60339	72.6	12.927	831							
Dry Bulb	4339511	59963	72.1	4.644	832			76.9	13.3	4.4		90
Wet Bulb	3633039	54853	66.0	3.846	831			42.8	3.7			90
Dew Point	3257829	51857	62.4	5.124	831			15.8	.2			90

USAFETAC FORM 0-26-3-OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Temp °F	WET BULB TEMPERATURE DEPRESSION °F																											TOTAL D.B.	TOTAL 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														
77/ 69																														2		
72/ 67									.1	.1																				2		
67/ 65						.1				.1																				2		
62/ 63					.1	.2	.0	.1	.1			.1																	11	11			
57/ 61			.1	1.1	.7	2.1	2.0	.5	.4	.1	.2																		62	62			
52/ 59		.1	.2	2.0	1.1	2.2	.6	.3	.1	.1	.1																		79	79			
72/ 77		.1	.5	2.5	2.7	2.2	1.1	.3	.2																				81	81	2		
70/ 75		.7	1.3	4.0	4.8	3.9	1.4	.7	.1	.1																			145	145	18	4	
74/ 73	.1	.7	1.2	9.2	3.5	2.5	1.3	.4																					158	158	49	12	
72/ 71	.2	.6	3.8	3.1	4.4	1.9	.4	.1																					124	124	81	37	
70/ 69	.1	.5	3.3	2.5	1.3	.7																							71	71	144	54	
68/ 67	.2	.8	3.9	.7	.6																								52	52	145	93	
66/ 65	.0	.9	1.9	.4	.1																								29	29	156	144	
64/ 63	.2	.8	.9	.5																									25	25	117	201	
62/ 61	.1	.1	.2	.1																									5	5	65	107	
60/ 59			.1																										1	1	26	68	
58/ 57		.1																											1	1	5	59	
56/ 55																															2	37	
54/ 53																																20	
52/ 51																																15	
50/ 49																																4	
48/ 47																																3	
46/ 45																																2	
TOTAL	.2	.5	1.0	2.0	1.9	1.6	.7	.3	.1	.2	.0	.0																	950		950		
																													950		950		

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.	4348799	59819	70.4	12.796	850							
Dry Bulb	4658238	62800	73.9	4.659	850			83.5	57.9	9.0		90
Wet Bulb	4139114	57036	67.1	4.749	850			50.7	7.3			90
Dew Point	3418979	53741	63.2	4.399	850			20.1	1.7			90

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

1

2 [illegible] BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | KELSO AFB, WA STATION NAME | 67-76 YEARS | JUL MONTH

PART I 1200-1700 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81										.1								1	1		
80/ 79									.1	.1								2	2		
78/ 77											.1							1	1		
76/ 75							.5		.1		.1							2	6		
74/ 73				.2	.6	.7	1.5	.8	.1	.4								37	37		
72/ 71				.4	1.0	.6	3.1	.5	.4	.2								62	60		
70/ 69			.2	.6	1.3	2.5	1.4	.6	.2	.1								64	64	3	
68/ 67			.5	1.6	5.2	3.7	2.7	1.1	.5	.1	.2	.2						134	134	9	5
66/ 65		.4	1.3	1.5	7.4	3.2	1.6	.9	.2	.1								143	143	39	9
64/ 63		.2	.9	4.1	3.8	5.3	1.6	.6	.1									142	142	97	25
62/ 61		.1	.8	3.4	4.2	3.1	.5	.2										120	122	132	50
60/ 59		.1	.9	3.1	1.1	.9												52	52	175	76
58/ 57		.2	2.6	.9	.9	.1												41	41	103	132
56/ 55		.0	1.2	1.1	.9													34	34	135	149
54/ 53			.4	.1	.4													7	7	59	137
52/ 51		.1			.2													3	3	28	77
50/ 49																				15	52
48/ 47																				4	43
46/ 45																					20
44/ 43																					15
42/ 41																					2
40/ 39																					1
TOTAL	2.0	8.8	13.1	27.8	20.0	13.1	5.2	1.9	1.2	.5	.5							849	849		849
																		849		849	

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.	4540131	61147	72.0	12.672	849							
Dry Bulb	4513603	61783	72.8	9.551	849			81.0	47.5	5.4		90
Wet Bulb	3767631	56467	66.5	8.763	849			42.1	5.4			90
Dew Point	3375168	53360	62.9	9.032	849			17.5	1.5			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

4324 KUNSAN A, KOREA 67-70 JUL
STATION STATION NAME YEARS MONTH

PERIOD 1 0700-0700
HOUR

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
87/ 87									.1									1	1			
84/ 83							.1	.1										1	1			
82/ 81				.2			.1											1	1			
80/ 79		.1		.2	.2	.5												2	2			
78/ 77		.2	.4	.7	.5	.1	.2											1	15	1		
76/ 75		.6	1.2	2.3	1.4	.2	.4	.2	.1									82	82	4		3
74/ 73	.2	1.1	1.9	5.0	1.8	.7	.6	.1		.1								95	98	14		7
72/ 71	.1	1.1	4.6	7.0	2.6	1.2	.1	.1										145	149	44		14
70/ 69	1.2	2.7	7.5	4.3	4.1	1.2		.2										173	178	81		41
68/ 67	.4	1.8	6.3	2.2	3.2	.4	.2											124	124	157		66
66/ 65	.6	5.7	3.2	2.2	.5		.1											105	105	172		108
64/ 63	.7	2.2	2.2	2.6	.1													75	75	159		223
62/ 61	.2	.5	.3	.5														17	17	117		120
60/ 59	.1	.4	.2	.1														7	7	60		70
58/ 57	.1	.5																7	7	33		82
56/ 55																				13		66
54/ 53																				1		30
52/ 51																						15
50/ 49																						2
48/ 47																						1
46/ 45																						3
44/ 43																						2
40/ 39																						1
TOTAL	3.9	17.4	28.5	29.9	14.6	5.0	1.9	.2	.2	.1								856		856		856

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.	5263157	66357	77.5	11.806	856							
Dry Bulb	4165728	59608	69.6	9.174	856			67.8	20.4	.7		90
Wet Bulb	3621010	55576	64.9	3.858	856			31.6	2.0			90
Dew Point	3316062	53108	62.0	4.972	856			14.0	1.1			90

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

[illegible] STATION KORSAN AB, KOREA STATION NAME [illegible] YEARS JUL MONTH

PAGE 1 [illegible] 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
[illegible] 79			.2			.1												1	3		
78/ 77			.2			.2												7	7		
76/ 75		.2	.4	.4	.5													17	12	2	2
74/ 73		1.6	1.4	2.6	.2		.2											23	23	9	3
72/ 71	.4	1.2	5.1	3.3	.7	.1	.1	.1										93	93	28	12
70/ 69	1.2	3.5	11.5	2.9	2.4	.3	.2											192	192	52	40
68/ 67	.7	1.2	8.8	1.5	2.5	.5	.1	.2										132	132	133	93
66/ 65	.8	9.0	4.4	2.7	1.1	.4	.2											157	157	176	97
64/ 63	1.8	6.4	3.8	1.3	.4													132	132	105	248
62/ 61	.2	1.5	2.0	.5														36	36	123	118
60/ 59	.4	.6	.7	.4														17	17	68	70
58/ 57	.5	.8																11	11	44	90
56/ 55	.4	.1																4	4	24	55
54/ 53																				5	31
52/ 51																					18
50/ 49																					6
48/ 47																					3
46/ 45																					1
44/ 43																					2
42/ 41																					2
TOTAL	0.2	26.3	40.9	15.5	7.7	2.1	.9	.4										849	549	849	949

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.	5796523	69547	81.9	10.831	849							
Dry Bulb	3890693	57379	67.6	3.882	849			52.2	8.0			90
Wet Bulb	3469718	54332	64.0	3.874	849			23.7	1.2			90
Dew Point	3252802	52386	61.7	4.907	849			10.8	.7			90

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

2

PSYCHROMETRIC SUMMARY

Type 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	TOTAL DB	TOTAL WB	Dry Bulb	Wet Bulb	Dew Point
[illegible]																			.0													1	1			
77/ 79																			.0														2			
72/ 74															.0				.0														2			
67/ 69											.0						.0				.0												3			
62/ 64									.0		.0		.2		.1		.0		.0		.0											27	30			
57/ 59						.1		.3		.4		.5		.9		.1		.1		.0		.0										12	128			
52/ 54					.0		.2		.3		.3		1.1		.3		.2		.1		.0		.0										21	210			
47/ 49					.1		.4		.9		.9		.6		.4		.1		.1		.0												251	681	7		
42/ 44					.0		1.0		2.1		1.6		1.2		.6		.2		.1		.0		.0										50	306	44	21	
37/ 39		.1		1.1		1.2		4.5		1.6		1.1		.6		.2		.1		.0												717	718	159	47	
32/ 34		.0		1.3		4.0		3.7		2.3		1.1		.3		.1																894	894	377	133	
27/ 29		.1		2.1		7.4		2.3		2.1		.6		.1		.1																1093	1093	656	343	
22/ 24		.1		1.5		5.9		1.3		1.8		.3		.1		.0																780	780	1145	492	
17/ 19		1.0		5.2		3.1		1.9		.5		.1		.1																		925	957	1311	837	
12/ 14		1.7		5.6		3.7		1.5		.2		.1																				908	948	1217	1773	
7/ 9		.2		1.2		1.1		.4		.1																						252	252	939	966	
2/ 4		.2		.7		.5		.1																								107	133	568	604	
-3/ -1		.2		.8		.2																										72	72	259	236	
-8/ -6		.1		.2																												22	22	144	441	
-13/ -11				.0																												2	2	26	239	
-18/ -16																																			122	
-23/ -21																																			39	
-28/ -26																																			20	
-33/ -31																																			20	
-38/ -36																																			5	
-43/ -41																																			5	
-48/ -46																																			2	
TOTAL	5.5		21.4		28.7		20.4		11.9		7.3		3.0		1.1		.4		.2		.1											6792	6794			679
																																6792	6792			

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.	42744431	531565	78.3	12.970	6792							
Dry Bulb	32995962	472172	69.5	5.159	6794			489.3	136.1	19.5		720
Wet Bulb	28711307	440715	64.9	4.100	6792			254.2	22.3			720
Dew Point	26350076	421710	62.1	4.959	6792			109.8	7.2			720

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

2

DATA PROCESSING PROJ.
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 KIMPO AP KOREA 7-75 JUL
STATION STATION NAME YEARS MONTH

PART A 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
87/ 85			.1	.1														2	2		
84/ 83		.1	1.4	1.4	.2													27	27		
82/ 81	.2	1.3	4.4	4.2	.9	.1												103	103	4	3
80/ 79	.5	3.1	9.9	2.9	1.4													155	155	37	27
78/ 77	.3	2.9	4.7	2.2	.3													95	92	56	36
76/ 75	.3	6.3	4.9	1.3	.3													132	132	179	137
74/ 73	1.7	4.9	2.1	1.7	.6	.2												95	95	142	157
72/ 71	1.7	2.2	6.6	3.1	.1						.1							121	121	140	112
70/ 69	1.3	1.9	5.4	.3	.3													83	83	50	113
68/ 67	.7	1.5	1.6	.3														32	32	102	49
66/ 65	.1	1.5	1.0	.3														26	26	65	78
64/ 63		.7		.3														9	9	19	31
62/ 61																				17	10
60/ 59																				5	13
58/ 57																					9
56/ 55																					5
~~52/ 51~~																				~~1~~	~~1~~
~~50/ 49~~																					
Total	.9	125	442	110	4.2	.9					.1							877		877	677

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.	6431420	74724	85.2	8.569	877							
Dry Bulb	4986134	66003	75.3	4.533	877			92.3	54.3	16.4		93
Wet Bulb	4567479	63173	72.0	4.397	877			31.7	47.5	2.0		93
Dew Point	4376738	61800	70.5	4.924	877			11.5	38.2	.4		93

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

2

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

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.	TOTAL W.B.	TOTAL Dew Point
84/ 83				.6	.3		.1													
82/ 81		.1	.7	3.9	3.0	.6	.2	.1										31	31	1
80/ 79		.2	2.8	7.4	3.4	.8												129	128	7
78/ 77		.3	2.7	5.8	2.8	1.0												112	112	15
76/ 75	1.0	9.8	3.5	1.5	.1													145	145	155
74/ 73	3.4	4.7	1.4	2.3														103	103	175
72/ 71	2.2	3.1	5.0	1.0														99	99	143
70/ 69	1.7	2.4	5.9	.8	.5													99	99	77
68/ 67	.6	1.4	2.3	.2														39	39	1
66/ 65	1.1	3.2	.8	.9														50	50	4
64/ 63	.1	1.0		.2														12	12	2
62/ 61		.3																3	3	0
60/ 59																				3
58/ 57																				2
56/ 55																				
TOTAL	11.4	32.0	36.4	10.1	3.0	1.0	.1											831		961
																		R31		R61

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.	6524166	76210	86.5	8.373	831							
Dry Bulb	4894935	65541	74.4	4.057	831			80.1	61.1	11.5		93
Wet Bulb	4519218	62984	71.5	4.317	831			78.5	44.4	.4		93
Dew Point	4344398	61728	70.1	4.692	831			67.9	36.0	.1		93

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

2

PSYCHROMETRIC SUMMARY

6427 STATION | [illegible] STATION NAME | 7-74 YEARS | JUL MONTH

PART I (0000-2300 LST)

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 87					.1													1	1			
97/ 85			.0	.1	.7		.3											14	14			
96/ 83			1.0	2.3	1.1	.3												47	47			
95/ 81		1.3	6.3	5.2	1.3	.5												125	127	5	1	
94/ 79	..	1.6	7.3	3.9	1.3	.1	.1											127	127	38	23	
93/ 77	.2	2.3	4.3	2.1	.3	.1	.1											84	84	97	91	
92/ 75	1.4	5.9	3.0	2.4	.7													116	116	160	113	
91/ 73	2.1	3.1	2.1	3.3	.5													96	97	144	106	
90/ 71	2.3	1.7	4.6	1.5	.3													94	94	127	109	
89/ 69	1.7	1.3	5.7	.8	.6													86	86	53	114	
88/ 67	..	1.3	2.6	.1														34	34	76	77	
87/ 65	.3	2.4	.2	.3														29	29	59	90	
86/ 63	.3	.9		.3														14	14	31	85	
85/ 61		.2																4	4	14	22	
84/ 59																				4	13	
83/ 57																				3	7	
82/ 55																					0	
TOTAL	.9	21.4	37.5	22.4	7.2	1.3	.6												874		671	
																		871		871		

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	622911	73225	84.1	9.215	871							
Dry Bulb	5013019	66044	75.6	5.131	874			88.0	55.2	22.1		93
Wet Bulb	4535368	62726	72.0	4.560	871			39.1	47.4	1.9		93
Dew Point	4329014	61256	70.3	4.911	871			67.2	37.2	.1		93

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

2

PSYCHROMETRIC SUMMARY

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.1	.1										2	2			
92/ 91					.2		.1	.1	.1									5	5			
90/ 89				.1	1.2	.3	.9	.2	.2									27	26			
88/ 87				.8	3.3	2.3	.7	.4										64	64			
86/ 85			.5	2.0	2.5	1.7	.1	.1										69	62			
84/ 83		.2	1.7	4.2	2.1	1.2	.6	.2										89	88	10		
82/ 81		1.2	3.1	9.9	2.5	1.5	.3	.2										103	103	32		15
80/ 79		.2	3.3	4.3	1.2	.9	.1											87	87	76		41
78/ 77	.3	1.4	2.1	3.1	2.5	.5												87	87	126		93
76/ 75	.7	2.2	1.8	3.0	1.7	.5	.1											94	94	142		139
74/ 73	1.3	2.4	1.5	2.8	.5	.1												76	76	111		139
72/ 71	.2	1.2	2.0	.8	.8	.1												50	50	116		106
70/ 69	1.3	.5	2.1	.5														37	37	96		141
68/ 67		.6	.6		.1													11	11	97		69
66/ 65		.5	.1	.1														6	6	33		93
64/ 63		.6	.2															7	7	13		60
62/ 61		.3																3	3	9		18
60/ 59																				5		14
58/ 57																						7
56/ 55																						2
Total	3.1	11.2	19.1	32.1	18.7	9.1	3.1	1.4	.3									866		866		956

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.	5270643	66945	77.3	10.510	866							
Dry Bulb	5477743	68765	79.2	9.194	866			91.3	80.8	47.0	.2	93
Wet Bulb	4741151	63879	73.8	6.715	866			86.6	57.7	10.3		93
Dew Point	4424652	61744	71.4	5.023	866			73.2	43.7	2.1		93

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

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

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.	TOTAL W.B.	TOTAL Dew Point
97/97							.1		.1									2	2	
95/95								.1	.1									2	2	
93/93							.2	.1	.1									4	4	
91/91					.1	.1	.2	.3	.3	.1								23	23	
89/89			.1		3.0	1.7	2.0	.7		.1								75	75	
87/87				1.0	3.3	1.9	1.7	.9	.6									75	75	
85/85			1.4	2.1	2.3	1.2	.3	.2	.1									56	56	2	
83/83		.3	2.1	7.3	2.6	.3	.2	.2	.1									117	117	19	1
81/81		.2	1.7	9.4	3.4	2.7	.3											153	153	58	26
79/79	.1	1.0	3.3	3.0	1.3	1.3												86	86	111	96
78/77		1.5	1.0	2.0	2.2	.5												62	62	153	98
76/75	.2	1.2	1.2	2.0	1.0	.3												66	66	164	161
74/73	.1	2.1	1.6	2.2	.8	.1												67	67	84	147
72/71	1.0	.2	.8	1.2	.3													31	31	98	113
70/69	.7	.2	1.0	.2	.2													21	21	73	83
68/67		.2																2	2	32	77
66/65			.1	.1														2	2	21	57
64/63		.1	.1															1	1	9	49
62/61																				4	17
60/59																				1	7
58/57																					2
TOTAL	3.1	7.0	18.6	31.3	20.0	11.3	6.0	2.4	1.2	.2								859		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.	4895230	64160	74.7	10.950	859							
Dry Bulb	5712608	69792	81.2	9.702	859			92.6	60.2	50.8	.2	93
Wet Bulb	4842362	64376	74.9	8.259	859			50.2	25.1	14.5		52
Dew Point	4500679	62035	72.2	9.206	859			76.7	50.2	3.7		93

USAFETAC FORM 0-26-3-OLA (JAN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION — STATION NAME — YEARS — MONTH

PAGE 1 OF 1 PAGES

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1/[illegible]								.1	.1									2		2		
69/ 65								.1										1		1		
69/ 63					.1	.1	.2	.2										6		6		
67/ 61					.2	.2	.2	.2										16		16		
65/ 59				.1	1.0	1.4	.7	.5	.2									31		30		
63/ 57				.8	3.2	1.6	1.3	.3										93		93		
61/ 55		.1	.7	2.0	2.2	1.5	.5											96		96	2	
59/ 53		.2	2.1	7.4	1.6	.7	.3											113		113	13	1
57/ 51		.6	4.2	10.3	4.1	1.4	.2											184		184	30	16
55/ 49		.7	3.2	5.4	1.0	1.2												101		101	119	59
53/ 47		1.4	2.1	2.9	2.1	.6												79		78	151	94
51/ 45	.5	1.8	1.8	2.4	2.2	.1												77		77	162	138
49/ 43	1.1	.9	1.1	2.9	1.4													65		65	122	143
47/ 41	.2	.2	1.7	1.4	.2													41		42	102	103
45/ 39	.7	.2	.6	.2	.1													18		18	70	93
43/ 37			.5															4		4	26	55
41/ 35		.2	.1															3		3	14	64
39/ 33		.2																4		4	12	62
37/ 31																					2	23
35/ 29																						4
Total	.3	7.1	18.1	36.3	19.9	9.3	3.9	1.3	.3										875		875	
																		875		875		

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.	5121916	66394	75.9	9.604	875							
Dry Bulb	5701558	70462	80.5	5.229	875			92.3	85.6	54.6	1.0	93
Wet Bulb	4894731	65327	74.7	4.469	875			80.0	65.8	12.0		93
Dew Point	4564684	63058	72.1	4.823	875			70.7	50.1	2.1		93

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

2

PSYCHROMETRIC SUMMARY

9421 — STATION

KUNSAN A. AB, KOREA — STATION NAME

67-76 — YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/91							.2	.2										4	4		
90/89						.2	.1	.1										4	4		
88/87					1.2	.6	.3											19	19		
86/85			.7	.6	1.6	.8	.2											34	34		
84/83		.5	2.5	3.8	1.7	.7												31	31	1	
82/81		1.6	7.1	10.6	2.3	1.0												209	209	17	6
80/79	.1	1.4	5.5	4.8	1.2	.8												123	123	71	41
78/77	.1	2.3	2.8	1.9	1.4	.2												77	77	146	59
76/75	.6	3.0	3.2	2.6	1.1	.1												99	99	179	152
74/73	1.7	1.6	1.8	5.0	.6													96	96	118	163
72/71	1.7	1.8	4.2	1.8	.7	.1												91	91	138	108
70/69	.6	.1	2.9	.2	.5													35	35	68	28
68/67		.3	.9	.2	.3													16	16	86	75
66/65		.7																6	6	39	26
64/63		.1	.2															3	3	13	57
62/61																				11	15
60/59																				1	5
58/57																					3
56/55																					1
TOTAL	.6	13.2	31.2	31.5	13.6	4.4	.9	.2										888		888	

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.	5778440	71170	80.1	9.150	8888							
Dry Bulb	5412744	69188	77.9	9.720	8888			92.1	77.2	37.4		93
Wet Bulb	4791525	65113	73.3	9.339	8888			80.3	56.0	4.3		93
Dew Point	4524254	63240	71.2	9.810	8888			73.6	44.2	.6		93

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

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

PERIOD 21 0-2300

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. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 77							.3											3		
86/ 75				.2	.1	.2	.1											6		
84/ 73			.1	1.1	1.9	.8	.1										36	36		
82/ 81			1.0	7.2	6.3	2.0	.2										149	149	3	1
80/ 79		.7	2.2	8.5	9.0	1.1	.2										148	148	50	25
78/ 77		.2	2.8	5.4	1.6	.6	.3										97	97	107	55
76/ 75		1.9	5.7	5.0	2.5	.7											145	146	138	140
74/ 73		1.3	4.3	2.2	2.8	1.0	.1										104	104	138	109
72/ 71		1.3	1.7	4.8	2.1	.6											91	91	129	97
70/ 69		1.2	1.2	4.5	.3	.3											69	66	87	123
68/ 67		.3	.4	1.0	.3												19	19	96	66
66/ 65			1.1	.6	.7												21	21	53	73
64/ 63			.4	.1													5	5	22	75
62/ 61																			13	25
60/ 59																			4	15
58/ 57																				7
56/ 55																				3
TOTAL	7.1	21.1	41.3	21.7	7.3	1.1	.3											890		890
																	890		890	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6313579	74561	83.8	6.670	890							
Dry Bulb	5173533	67733	76.1	4.292	890			90.3	71.7	23.4		93
Wet Bulb	4095802	64232	72.5	4.337	890			83.4	50.6	1.9		93
Dew Point	4482373	63013	70.8	4.658	890			72.3	42.4	.2		93

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

2

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME ____ YEARS ____

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL D.B.	TOTAL 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														
1 [illegible]									.0																	2		2		
[illegible]							.0		.0																	2		2		
[illegible]								.0	.0																	3		3		
4[illegible]					.0	.0	.1	.1	.0																	12		12		
[illegible]					.1	.1	.2	.2	.1	.0																46		46		
[illegible]			.0	.0	.1	.2	.3	.3	.1	.0																139		139		
[illegible]				.3	1.4	.8	.5	.1	.0																	225		225		
[illegible]		.2	.5	.9	1.2	.7	.2	.1	.0																	24[illegible]		256	4	
[illegible]		.2	1.0	3.6	1.2	.5	.1	.1	.0																	514		515	[illegible]3	[illegible]
[illegible]	.1	1.0	4.7	7.3	2.2	1.1	.1	.1																		1150	1150	[illegible]70	[illegible]1	
[illegible]	.1	1.6	6.1	3.8	1.2	.6	.0																			951	[illegible]51	[illegible]20	[illegible]11	
[illegible]	.1	2.1	3.6	2.3	1.3	.3	.0																			589	[illegible]89	[illegible]38	[illegible]71	
[illegible]	.1	4.6	3.1	2.3	1.1	.1	.0																			875	[illegible]75	[illegible]359	[illegible]112	
[illegible]	1.7	3.1	1.7	2.9	.7	.1																				704	[illegible]05	[illegible]134	[illegible]252	
[illegible]	1.1	1.5	3.7	1.6	.4	.0																				618	[illegible]18	[illegible]33	[illegible]54	
[illegible]	1.1	1.1	3.5	.4	.3																					447	447	[illegible]24	[illegible]43	
[illegible]	.1	.6	1.1	.2	.1																					157	157	[illegible]68	[illegible]75	
[illegible]	.2	1.2	.4	.3																						143	143	[illegible]08	[illegible]24	
[illegible]	.1	.6	.1	.1																						61	[illegible]1	[illegible]17	[illegible]51	
[illegible]		.1																								11	10	[illegible]0	[illegible]1	
[illegible]																												[illegible]3	[illegible]7	
[illegible]																												5	[illegible]8	
[illegible]																													[illegible]1	
[illegible]																														
TOTAL	.1	.7	17.5	30.4	22.6	11.7	4.3	1.9	.1	.2	.0															7012			7007	
																										7007		7007		

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.	46695217	567389	81.0	10.355	7007							
Dry Bulb	42361525	543533	77.5	9.724	7012			721.3	501.0	268.5	2.1	744
Wet Bulb	37577596	512110	73.1	9.624	7007			674.6	435.1	47.7		744
Dew Point	35546822	497874	71.1	9.940	7007			583.6	341.8	9.3		744

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

2

PSYCHROMETRIC SUMMARY

4321 KANSAS CITY 7-61 APR
STATION STATION NAME YEARS MONTH

Part I 0000-0600 HOURS (LST)

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/ 85			1.0	.2	.3	.1												15	15		
84/ 83		.7	3.0	2.9	1.0	.4												77	77		
82/ 81	.1	4.4	10.7	7.9	2.0	.3												226	226	25	18
80/ 79	.3	2.0	14.4	4.3	.9	.7												202	202	72	37
78/ 77	.3	2.5	5.4	1.8	.4													97	97	101	79
76/ 75	2.3	7.9	3.6	.9	.4													129	129	230	169
74/ 73	1.3	2.8	2.2	.7														64	64	173	224
72/ 71	.2	1.2	1.5	.8														39	39	65	191
70/ 69	.7	.1	2.0	.1														29	29	47	76
68/ 67			.3															3	3	31	36
66/ 65	.1			.2	.1													7	7	17	27
64/ 63	.3		.3															6	6	4	11
62/ 61																					3
60/ 59																				6	
58/ 57																					3
56/ 55																					2
54/ 53																					1
	0.8	22.2	44.4	19.8	5.4	1.6													91		101
																		891		891	

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.	6431506	75356	84.6	8.394	891							
Dry Bulb	5452479	69611	78.1	3.965	891			91.6	14.2	36.5		93
Wet Bulb	4971001	66477	74.6	3.546	891			90.2	73.2	6.3		93
Dew Point	4773171	65119	73.1	3.956	891			90.0	59.2	2.7		93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

426 KUNSAN AB KOREA 67-70 AF
STATION STATION NAME YEARS WBAN

PART I 2300-2600
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
67/ 65			.2		.1	.1												4	4		
66/ 64		.3	1.2	1.3	.6	.6												41	41		
65/ 61	.3	3.4	3.7	6.4	1.6	.2												183	183	9	7
64/ 59	.2	4.3	11.3	5.3	.6	.3												193	193	30	36
63/ 57	.3	2.5	9.1	1.5	.3	.1												124	124	136	97
62/ 55	1.3	10.3	3.2	1.6														146	146	223	158
61/ 53	1.3	4.6	1.5	1.7														85	85	227	230
60/ 51	1.4	1.4	2.4	.9	.1													54	54	97	154
59/ 49	1.1	.6	1.5	.2														29	29	60	78
58/ 47	.3	.1	.8															11	11	42	91
57/ 45	.3	.1	.1	.3														6	8	14	37
56/ 43		.7		.1														7	7	11	32
55/ 41		.2																2	2	5	6
54/ 39																				2	2
53/ 37																				1	0
52/ 35																					1
TOTAL	.3	28.4	39.7	20.0	3.3	1.4													997		887
																		887		887	

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.	6573750	76038	85.7	7.907	887							
Dry Bulb	5299100	68462	77.2	4.107	887			91.2	41.4	10.3		93
Wet Bulb	4863574	65902	74.0	3.032	887			87.5	28.7	3.8		93
Dew Point	4644533	64365	72.0	3.261	887			79.2	54.5	1.4		93

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

2

[illegible]
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

[illegible]

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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
88/ 87			.1		.4	.4												9		
86/ 85			1.5	1.1	1.3	.9	.1											44	44		
84/ 83		.4	1.7	2.8	2.7	.2	.1											71	71	1	1
82/ 81	.2	2.4	9.2	9.8	1.3	.7												21	210	24	12
80/ 79	.6	2.4	9.6	5.3	.8	.3												161	149	60	37
78/ 77	.4	1.5	4.2	1.7	.9	.1												92	96	174	71
76/ 75	1.1	7.8	3.3	1.1	.7	.1												125	135	242	176
74/ 73	1.3	4.2	.8	1.0	.7	.1												72	72	120	227
72/ 71	.7	1.1	1.2	1.3	.1													43	43	131	145
70/ 69	.2	.6	1.2															24	24	91	83
68/ 67	.0	.2	.7															15	15	58	44
66/ 65	.2	.3	.3	.2														10	10	22	33
64/ 63		.2																2	2	10	16
62/ 61		.3																3	3	3	12
60/ 59																				3	1
58/ 57																					0
TOTAL	6.3	23.4	33.7	24.4	9.0	2.0	.2											889		889	

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.	6263866	74192	83.5	9.013	889							
Dry Bulb	5446493	69469	78.1	4.501	889			91.4	53.2	37.5		93
Wet Bulb	4922684	66068	74.3	3.781	882			89.0	69.1	5.3		93
Dew Point	4708428	64592	72.7	4.161	889			83.8	55.7	1.8		93

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

2

AIR PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4221 KIMHAE A. KOREA 7-75 APR
STATION STATION NAME YEARS MONTH

PAGE 1 0700-1100
HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 61					.2	.3	.5	.2										11	11		
70/ 59				.2	1.7	1.6	1.0	.7										47	48		
68/ 57			.6	1.0	4.1	4.7	1.8	.3	.1									112	112		
66/ 55		.1	1.1	2.5	5.5	3.7	.9											123	123	1	
64/ 53			1.9	5.8	5.1	2.0	.7	.1										138	138	16	4
62/ 51		2.3	5.4	10.2	2.5	.9	1.7											203	203	92	18
60/ 49		.5	4.1	3.8	1.0	2.1	.1	.1										104	104	149	78
58/ 47		.8	.9	1.5	.6	.5												37	37	202	87
56/ 45	.3	1.6	1.5	1.6	.8	.1												52	52	210	209
54/ 43	.3	1.2	1.2	.7	.2													33	33	59	170
52/ 41	.3	.1	.5		.2													10	10	59	110
50/ 39	.1	.1	.5	.1														7	7	18	70
48/ 37	.3	.1																4	4	30	41
46/ 35																				5	41
44/ 33		.1	.2															3	3	1	30
42/ 31																				3	11
40/ 29																					4
TOTAL	1.2	6.9	17.9	27.3	21.9	10.3	6.7	1.3	.1										885		885
																		885		885	

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.	4974760	65766	74.3	9.253	885							
Dry Bulb	6022151	72883	82.4	4.753	885			23.7	20.5	7.0		93
Wet Bulb	5115450	67202	75.9	3.761	885			22.1	16.5	1.7		93
Dew Point	4756742	64772	73.2	4.276	885			21.0	15.5	4.0		93

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

2

PSYCHROMETRIC SUMMARY

4321 STATION

STATION NAME

7-11 YEARS

MONTH

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.	TOTAL W.B.	Dry B.	Wet B.	Dew Point
100/ 95									.5									1	1			
94/ 93					.1		.2	.2	.1									1	1			
92/ 91					.6	1.4	1.7	1.1	.3									5	5			
90/ 89				.5	3.4	3.1	3.4	2.6	.3	.1								11	11			
88/ 87			.5	1.6	6.1	6.2	4.9	.6	.1	.1								13	12			
86/ 85		.1	1.2	2.6	4.6	3.8	1.6	.3	.3		.1							15	15	4		
84/ 83		.5	2.6	5.1	2.4	1.6	.9	.7	.2									12	12	36		
82/ 81		1.2	3.0	7.0	2.6	1.1	1.2											15	15	70	45	
80/ 79	.2	.2	1.2	2.9	.9	.7	.1											5	5	212	89	
78/ 77	.1	.9	.6	.3	.6	.2		.1										2	2	224	116	
76/ 75		.7	.7	.5	.3													1	1	130	109	
74/ 73		.6	.1			.1	.1											1	1	35	105	
72/ 71	.1	.2			.1															48	91	
70/ 69		.1																		32	82	
68/ 67	.2			.1																12	58	
66/ 65		.1																		1	29	
64/ 63			.1																	4	19	
62/ 61																				2	7	
60/ 59																					5	
58/ 57																					2	
56/ 55																					2	
TOTAL	.2	4.9	10.8	20.6	21.9	19.2	14.4	5.3	1.9	.2	.1								880			885
																		885		885		

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.	4471977	62169	70.2	10.086	885							
Dry Bulb	6397277	75177	84.8	4.574	886			92.8	72.0	91.0	1.2	93
Wet Bulb	5267816	68204	77.1	3.616	885			92.3	73.1	22.5		93
Dew Point	4841864	65341	73.8	6.466	885			80.3	54.1	0.4		93

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

2

PSYCHROMETRIC SUMMARY

[illegible] STATION

[illegible] STATION NAME

[illegible] YEARS

[illegible] MONTH

PART I [illegible]

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]								.1	.3									4	4			
[illegible]						.1		.2	.6	.3								11	11			
[illegible]				.1	.6	.6	.9	.9	.3									30	30			
[illegible]				.2	2.2	1.8	3.0	1.7		.1								77	79			
[illegible]			.1	1.5	4.7	7.4	2.0	.5	.1									143	143			
[illegible]			1.5	1.0	6.7	4.2	.6	.2										127	127	2		
[illegible]		.3	2.7	6.2	4.9	1.7	.8	.2	.1									150	150	16	1	
[illegible]	.1	2.0	2.6	9.1	4.0	.9	1.5	.1		.1								130	130	77	31	
[illegible]		.7	3.2	3.6	.6	.8												74	74	178	85	
78/ 77		.2	1.5	.6	.6	.1	.1											29	29	216	163	
76/ 75	.1	1.6	.8	.5	.5		.1											32	32	150	238	
74/ 73	.3	.5	.2	.1	.3		.1											14	14	168	179	
72/ 71			.1	.1														2	2	55	134	
70/ 69		.1																1	1	64	99	
68/ 67	.1				.1													4	4	14	22	
66/ 65		.1																1	1	6	24	
64/ 63																				1	23	
62/ 61																				2	5	
60/ 59																					2	
58/ 57																					2	
56/ 55																					2	
[illegible]	.1	6.0	12.7	22.4	25.2	17.2	9.5	3.3	1.2	.2									881			881
																		881		881		

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.	4656800	63378	71.9	10.229	881							
Dry Bulb	5240527	74041	84.0	4.532	881			92.9	82.2	79.9	1.0	93
Wet Bulb	5207606	67668	76.8	3.410	881			92.0	84.3	17.0		93
Dew Point	4814122	65026	73.8	4.093	881			80.9	66.3	5.5		93

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

2

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
99/ 93									.1									1	1			
92/ 91					.1		.2	.1	.1											5		
90/ 89				.2	.2	.2	.6	.1										13	13			
88/ 87				.1	1.1	1.0	1.1											33	30			
86/ 85			1.2	1.9	2.3	2.2	.1	.1										74	74	1		
84/ 83		.3	3.7	7.5	5.2	1.4	.3											163	163	4	1	
82/ 81		4.1	7.3	14.5	4.0	1.4	.5											291	290	39	21	
80/ 79	.6	1.6	7.4	4.9	1.0	.2	.1											134	134	120	70	
78/ 77		1.0	3.1	1.4	.6	.2												60	60	202	91	
76/ 75	.1	1.7	2.2	.9	.3	.2	.1											50	50	252	190	
74/ 73	.6	1.1	.5	1.7	.1		.2											37	37	175	256	
72/ 71	.1	.3	.2	.2	.2													10	10	82	192	
70/ 69			.6	.3														8	8	22	70	
68/ 67	.3																	3	3	26	27	
66/ 65	.1			.2														4	4	10	3	
64/ 63																				5	21	
62/ 61																				4	7	
60/ 59																					3	
58/ 57																					2	
56/ 55																					3	
TOTAL	1.8	10.2	27.2	33.9	16.1	6.0	3.3	.3	.2										882		882	
																		832		682		

Element (X)	Σ_x'	Σ_x	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5431963	68723	77.9	9.366	882							
Dry Bulb	5795933	71409	81.0	4.054	882			22.6	20.4	6.4	.1	93
Wet Bulb	5053308	66690	75.6	3.489	882			21.0	19.4	9.6		93
Dew Point	4757698	64678	73.3	4.091	882			18.0	16.6	2.8		93

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

2

USAF ETAC

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

432 — STATION

KIRTLAND AFB, N.M. — STATION NAME

7-70 — YEARS

APR — MONTH

PAGE 1 2100-2400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87			.1		.3	.3		.1											3		
86/ 85			1.1	.8	.2	.2	.1											22	22	1	
84/ 83		.3	3.7	3.3	2.3	.5												99	99	1	1
82/ 81		4.9	8.0	14.2	2.4	.8	.2											274	274	24	11
80/ 79	.3	1.9	11.7	7.1	1.0	.8												204	204	76	56
78/ 77	.3	2.4	4.2	2.7	.7	.1												92	92	130	70
76/ 75	1.1	5.2	2.4	1.2	.3													91	91	253	196
74/ 73	.3	1.9	1.1	1.4														42	42	150	212
72/ 71	.6	.8	1.6	.8	.2													30	30	83	137
70/ 69	.3	.1	1.1	.5	.2													20	20	41	76
68/ 67			.2		.1													3	3	24	35
66/ 65	.2																	4	4	16	25
64/ 63	.1	.3																4	4	10	32
62/ 61																				3	8
60/ 59																				1	4
58/ 57																					1
56/ 55																					1
TOTAL	3.9	17.9	35.3	31.9	7.6	2.7	.3	.1											883		883
																		883		883	

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.	5297144	72382	82.0	8.504	883							
Dry Bulb	5531513	69803	79.1	3.904	883			92.2	60.0	47.5		93
Wet Bulb	4959715	66103	74.9	3.551	883			93.8	74.2	7.4		93
Dew Point	4724594	64492	73.0	4.022	883			35.5	59.2	2.3		93

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

2

PSYCHROMETRIC SUMMARY

ALL

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
95/ 69								.1	.1									3				
94/ 59						.1		.1	.1									19		19		
93/ 71				.2	.2	.3	.4	.3	.3									91		91		
92/ 69				.1	.2	.2	1.0	.2	.2	.2								256		256		
91/ 67			.2	.3	2.1	2.0	1.2	.2	.2	.0								434		434		
90/ 65		.2	1.2	1.3	2.6	1.9	.2	.1	.0		.2							549		544	9	
89/ 63		.4	2.0	4.4	3.1	1.1	.4	.1	.0									850		850	76	14
88/ 61	.1	3.1	7.1	2.9	2.7	.2	.6	.2		.2								1717		1718	330	104
87/ 59	.1	1.7	7.3	4.5	.6	.7	.5	.1										1135		1135	907	537
86/ 57	.2	1.9	3.6	1.4	.5	.2	.2	.2										562		562	1435	709
85/ 55	.1	4.5	2.2	1.1	.5	.1	.0											444		444	1500	1033
84/ 53	.2	2.1	1.6	.2	.2	.2	.1											357		357	1157	1013
83/ 51	.2	.0	.9	.5	.1													180		139	905	1150
82/ 49	.4	.2	.9	.2	.1													115		116	335	614
81/ 47	.1	.1	.3	.0	.0													46		46	217	267
80/ 45	.2	.1	.1	.1	.0													35		35	91	240
79/ 43	.1	.2	.1	.0														23		23	46	224
78/ 41		.1																5		2	22	59
77/ 39																					12	21
76/ 37																					1	22
75/ 35																						11
74/ 33																						1
Total	3.9	15.3	27.4	25.0	13.3	8.5	4.3	1.4	.4	.1	.0								7064		7083	
																		7083				

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.	44801866	550004	78.8	10.903	7083							
Dry Bulb	46185573	570855	80.6	5.096	7083			737.4	730.5	445.7	2.3	744
Wet Bulb	40361234	534014	75.4	3.756	7083			725.9	608.6	85.6		744
Dew Point	38061171	518385	73.2	4.151	7083			682.7	479.0	20.9		744

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

2

PSYCHROMETRIC SUMMARY

4321 / STATION — [illegible] / STATION NAME — 7-7[illegible] / YEARS — S[illegible] / MONTH

PAGE 1 — [illegible]

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
85/ 85			.2	.1														1	1	3		
84/ 83			.2	.7														1	1	8		
82/ 81		.1	1.4	2.5	.3													3	3	38	2	
80/ 79		.2	2.1	1.5	.6													4	4	40	7	5
78/ 77		.6	1.1	.5	.6													2	2	26	21	14
75/ 75	.2	1.2	2.3	2.4	.9													6	6	64	32	17
74/ 73	.3	2.6	1.3	1.9	.1	.1												5	5	56	47	46
72/ 71	.2	3.8	4.4	1.7	.2	.1												9	9	96	70	54
70/ 69	.2	3.3	6.5	1.7	.6	.5												11	11	116	73	53
68/ 67	.1	2.5	5.2	1.8	.5													8	8	82	70	72
66/ 65	.6	3.2	2.7	1.7	1.0													9	9	99	109	104
64/ 63	.6	7.1	3.5	2.5	1.1													13	13	132	95	141
62/ 61	.1	3.2	2.1	1.4	.3													6	6	82	70	59
60/ 59	.1	1.0	.8	.9	.2													2	2	27	78	52
58/ 57		1.0	.6															1	1	14	50	64
56/ 55		.2																		7	33	47
54/ 53		.1		.2																3	24	37
52/ 51	.1		.3																	4	2	23
50/ 49																					2	12
48/ 47																					3	8
46/ 45																						5
44/ 43																						2
TOTAL	.3	32.9	34.8	21.3	6.1	.7												278		880	878	

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	0137315	72753	83.1	1.248	87[illegible]							
Dry Bulb	42280 91	60741	69.0	6.249	8[illegible]			5[illegible].4	34.[illegible]	6.4		9[illegible]
Wet Bulb	38172 31	57041	65.7	6.230	87[illegible]			4.2	13.[illegible]	.5		9[illegible]
Dew Point	35934 73	55649	63.6	6.835	87[illegible]			2.6	8.4			9[illegible]

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

STATION NAME

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 1	2	3-4	5-6	7-8	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.	TOTAL W.B.	TOTAL Dew Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80	.5			.1														1	1			
79	.3			.2														4	4			
78	.1	.1	.2	1.3	.2													23	23			
77	72	1.2	2.2	.3	.1	.2												37	37	6	1	
76	77	.6	1.5	.3	.0													3	33	17	14	
75	75	1.0	1.7	1.3	.0													49	49	27	19	
74	73	.2	1.0	1.4	2.4													49	49	33	51	
73	71	1.1	2.3	3.2	1.2	.2												70	70	25	40	
72	69	.2	2.5	0.1	.7	.3	.1											95	95	71	52	
71	67	.3	2.2	5.0	.7	.6												77	77	92	45	
70	65	.2	4.8	2.4	.8	.3												80	80	90	94	
69	63	2.3	10.1	2.3	1.0	.7												150	150	129	162	
68	61	4.3	3.2	1.2	.2													77	77	84	77	
67	59	.1	2.0	1.0	1.3	.3												50	50	87	92	
66	57	.3	2.5	.6	.8													40	40	75	65	
65	55	.0	1.4	.1	.2													20	20	45	66	
64	53		.8															7	7	34	51	
63	51			.0														5	5	12	22	
62	49	.2																2	2	5	16	
61	47	.1	.1															2	2	5	12	
60	45																			1	6	
59	43																				5	
58	41																				1	
TOTAL		7.4	40.4	31.6	12.7	5.0	.3												856			856
																		868		868		

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.	6308973	73915	85.2	9.222	868							
Dry Bulb	3970088	58404	67.3	6.819	868			42.1	20.0	4.8		90
Wet Bulb	3833409	55875	64.4	6.204	868			33.3	10.7	.1		90
Dew Point	3443877	54337	62.6	6.991	868			23.1	6.0			90

USAFETAC FORM 0-26-3 (ETAC)

2

PSYCHROMETRIC SUMMARY

4321 STATION — SANSAPA RG EA STATION NAME — /-72 YEARS — 5 MONTH

PART I (00-00)

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
85/ 85			.1	.2	.0													5				
84/ 83			.2	.7		.1												9				
82/ 81			1.3	1.5	.3	.1	.2											31	31	1		
80/ 79		.7	1.5	1.9	.2	.3												41	41	7		.2
78/ 77		.9	.9	.6	.5													25	25	25	13	
76/ 75		1.2	1.7	.9	.2													34	34	42	29	
74/ 73	.1	1.5	1.3	2.2	.3	.1												46	46	55	57	
72/ 71	.2	2.6	5.1	1.4	.2	.1	.1											81	81	97	83	
70/ 69	.9	1.9	6.2	1.0	.9			.1										95	95	96	85	
68/ 67	.3	2.6	5.6	.7	.9	.5												93	93	87	56	
66/ 65	1.0	4.5	2.9	1.3	.6	.5	.2											95	95	110	91	
64/ 63	.6	8.4	2.3	1.5	.6	.2												133	133	121	154	
62/ 61	.3	3.8	1.5	1.0	.3													62	63	53	98	
60/ 59	.1	2.6	.6	.6	.2													35	35	46	40	
58/ 57	.3	3.4	.6	.7	.1													48	45	63	76	
56/ 55	.3	1.3	.1	.2	.1													19	19	29	50	
54/ 53		.2																2	2	29	43	
52/ 51		.1	.2															3	3	9	25	
50/ 49		.1	.1															2	2	3	15	
48/ 47		.1																1	1	6	14	
46/ 45																					10	
44/ 43																					2	
42/ 41																					2	
40/ 39																					1	
TOTAL	.8	35.2	32.8	16.0	5.9	2.0	.6	.1											860		659	
																		859		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.	61262+0	71992	83.6	1.1.94	859							
Dry Bulb	4003e+0	58378	67.9	0.200	8..			4.3	20.2	5.9		30
Wet Bulb	3625424	55530	64.6	0.440	859			33.5	11.5	.2		45
Dew Point	3416433	53635	62.7	1.338	859			29.2	0.1			29

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

USAFETAC

2

PSYCHROMETRIC SUMMARY

4321 [illegible] SAN ANTONIO [illegible]

Period 0900-1100

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.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B. = Dew Point
104/ 94							.1											1	1		
102/ 91							.1											1	1		
100/ 89						.1	.1	.1										3	3		
98/ 87					.2	.2	.2	.3										14	14		
96/ 85		.1	.1	.3	.5	.5	.6											16	16		
94/ 83			.2	1.3	1.3	.5	.1	.1										32	30	1	
92/ 81			.7	2.0	1.3	1.1	.7											49	49	10	1
90/ 79		.3	1.3	2.1	.9	2.6	.3	.2										62	62	17	7
88/ 77		.3	.4	2.9	1.0	1.3	.7	.1		.2								69	69	27	17
86/ 75		.3	3.6	4.1	4.4	1.7	.5	.2										129	129	52	35
84/ 73	.2	1.5	2.5	0.1	1.3	.2	1.3	.5	.2									126	127	45	23
82/ 71	.2	.7	2.9	3.8	2.7	1.5	.2		.1									114	114	92	57
80/ 69	.2	.9	4.4	2.0	2.1	2.1	.5	.1										107	106	116	42
78/ 67		.6	2.2	.2	.7	.3	.2											37	38	142	76
76/ 65	.1	.7	.9	1.0	.6	.1	.2											31	31	113	93
74/ 63	.2	.6	1.3	2.2	.2	.2	.1											20	51	74	106
72/ 61	.3	.3	.7			.2												15	15	72	56
70/ 59		.2	.1			.1												4	4	49	41
68/ 57			.1	.1														2	2	29	26
66/ 55		.1																1	1	13	21
64/ 53																				8	14
62/ 51																				2	17
60/ 49																					5
58/ 47																			1		13
56/ 45																					9
54/ 43																		1			5
52/ 41																					3
50/ [illegible]																					2
[illegible]	1.7	6.3	21.2	28.1	18.9	13.7	7.3	1.3	.3	.2									870		564
																		804		564	

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.	4619332	62242	72.0	12.528	864							
Dry Bulb	4755230	64108	73.7	6.905	870			72.1	52.2	13.3	.1	90
Wet Bulb	3902614	58270	67.5	5.202	864			52.3	15.0	2.1		90
Dew Point	3568048	55136	63.8	7.581	864			31.2	8.7	.3		90

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

2

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PART I 1200-1400 HOURS

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.	TOTAL W.B.	TOTAL Dew Point
104/ 103							.1	.1											2	
102/ 101						.5	.2												6	
100/ 99					.1	.1	.1												3	
98/ 97				.2	.8	.6	1.3											25	35	
96/ 95			.8	.4	.9	.7	.9	.7	.1									3	3	
94/ 93			.5	.7	1.1	.7	.5	.3	.1	.2								37	37	1
92/ 91		.1	.7	3.0	3.3	3.7	3.2	1.1	.1	.1	.1							137	137	19
90/ 89		.1	.8	4.2	2.2	4.3	1.3	1.1	1.3		.1							132	132	21
88/ 87			.4	2.3	2.6	2.7	1.2	1.7	.9	.2								99	99	33
86/ 85		.2	1.6	3.5	2.6	2.3	1.6	1.1	.4	.1								117	117	41
84/ 83	.2	.9	1.4	2.7	1.2	1.8	2.1	.8	.1									93	93	52
82/ 81	.2	.1	1.4	1.5	1.6	2.1	1.3		.1									79	79	112
80/ 79		.5	1.5	.2	1.3	.8	.6	.2										45	45	131
78/ 77		.1	.7		.7	.5	.2											19	20	117
76/ 75		.1	.5	.1	.4	.5	.4											18	18	93
74/ 73		.2	.1	.8	.1	.2							.1					14	14	75
72/ 71		.4	.1															4	4	58
70/ 69																				37
68/ 67																				12
66/ 65																				12
64/ 63																				2
62/ 61																				
60/ 59																				
58/ 57																				
56/ 55																				
54/ 53																				
52/ 51																				
50/ 49																				
48/ 47																				
46/ 45																				
44/ 43																				
42/ 41																				
40/ 39																				
TOTAL	1.1	2.6	10.4	20.9	19.0	21.5	14.6	5.7	2.7	.7	.2	.1						857	859	857

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
Re. Hum	3861170	56440	65.9	12.778	857							
Dry Bulb	5111675	66399	76.9	5.447	857			80.4	71.4	26.1		90
Wet Bulb	4068415	58991	68.8	5.700	857			54.6	22.0	3.9		92
Dew Point	3549220	55040	64.2	7.045	857		.1	36.1	11.6	.8		92

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

2

PSYCHROMETRIC SUMMARY

9324 PHOENIX A RGO STATION NAME 7-7 YEARS SEP MONTH

PERIOD 1 1200-1700 HOURS

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. Dr, Bulb	TOTAL Wet Bulb	Dew Point
104/ 93								.2										2	2		
102/ 91					.2		.1											3	3		
99/ 89					.5		.1											5	5		
98/ 87					.1	.7	.6											12	12		
96/ 85			.1	.4	.5	.5	.2	.1										15	15		
94/ 83			.9	1.3	.6	.5	.5	.3										39	39	3	
92/ 81			1.4	3.9	2.6	3.2	3.1	.7	.5	.1								133	133	7	1
90/ 79		.4	.9	2.6	1.4	0.0	.5	.5	.5	.1								112	114	27	6
88/ 77		.2	1.2	2.9	3.3	1.9	1.0	.7	.2									108	109	39	22
86/ 75	.3		3.1	2.2	3.2	2.5	2.1	1.1	.4									126	126	54	43
84/ 73	.1	.7	.8	3.4	1.9	1.5	1.9	.4	.2									93	90	81	56
82/ 71	.1	.6	1.1	1.2	2.2	1.3	1.2	.4	.1									72	72	110	55
80/ 69		.7	2.3	.9	1.3	1.3	.5	.1	.1									65	67	138	74
78/ 67		.1	.5		.9	.6	.2	.1										25	25	113	86
76/ 65	.2	.2	.1	.7	.9	.5	.1											24	24	97	102
74/ 63	.1	.1	.4	.2	.7	.2												15	15	74	105
72/ 61		.1			.1													2	2	51	56
70/ 59				.1														1	1	21	52
68/ 57																				20	43
66/ 55																				11	24
64/ 53																				4	11
62/ 51																					14
60/ 49																					15
58/ 47																					16
56/ 45																					9
54/ 43																					5
TOTAL	.2	3.2	13.3	20.2	21.1	20.6	12.7	5.3	2.0	.2								852	855	990	850

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3952013	56959	67.0	12.617	850							
Dry Bulb	4997811	65211	76.3	5.318	855			85.6	68.8	24.3	.2	90
Wet Bulb	4021098	58268	68.6	5.618	850			58.4	20.2	2.0		90
Dew Point	3543076	54524	64.1	7.328	850			32.3	11.0	.4		90

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

2

AIR WEATHER SERVICE/MAC
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 KUSAN A KOREA 57-76 SEP
STATION STATION NAME YEARS MONTH

PART I 1300-2100
HOUR (LST)

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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
86/ 87					.0	.1												0			
84/ 85				.2				.1										3	3		
82/ 83			.7	.8	.8													2	20		
80/ 81			1.7	1.9	.9	1.1	.3											53	53	4	
78/ 79		.3	1.6	3.7	.9	1.0		.1										67	67	13	8
76/ 77		.5	.0	1.9	1.3	.6	.3											47	47	30	15
74/ 75	.1	.0	4.9	3.4	4.3	.7												124	124	45	30
72/ 73	.3	1.4	1.5	8.2	2.2	1.4		.1										132	132	52	39
70/ 71	.3	1.0	3.3	3.9	2.4	1.6	.5	.1	.1									117	117	103	48
68/ 69	.1	1.1	5.0	2.7	2.7	1.7	.0	.1										124	124	93	92
66/ 67		.3	2.7	1.4	1.9	.6		.1										66	66	156	53
64/ 65	.3	.8	.9	2.1	.7	.3												45	45	113	125
62/ 63		.3	.5	3.2	1.3	.6												51	52	32	104
60/ 61	.2	.1	.2	.5	.5	.1												14	14	73	96
58/ 59					.1													1	1	46	43
56/ 57			.1															1	1	25	52
54/ 55				.1														1	1	16	55
52/ 53																				10	24
50/ 51																				3	20
48/ 49																					20
46/ 47																					8
44/ 45																				1	12
42/ 43																					1
40/ 41																					1
TOTAL	1.6	7.3	23.8	34.1	21.2	9.8	1.7	.7	.1										875		874
																		874		874	

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.	4874823	64603	73.9	10.601	874							
Dry Bulb	4667306	63734	72.8	5.351	875			71.3	60.1	10.3		90
Wet Bulb	3970972	58704	67.2	5.063	874			51.1	14.3	1.2		90
Dew Point	3607660	55020	63.9	6.995	874			27.3	9.5			90

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

2

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERIOD [illegible]

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 81								.1										1	1			
82/ 79			.1	.1	.2													4	4			
80/ 77			.5	.3	.2													9	9			
78/ 75			.8	1.7	1.0													31	31	4	1	
76/ 73		.9	2.0	2.0		.3												45	45	7	3	
74/ 71		.2	1.3	1.2	1.3	.3												39	39	22	10	
72/ 69		.9	2.8	2.3	1.0													61	61	46	16	
70/ 67	.2	4.2	2.4	3.1	1.3	.1												92	98	71	42	
68/ 65	.2	3.4	5.7	3.6	.8	.3	.3											124	124	94	56	
66/ 63	.6	1.2	8.2	1.0	1.2	1.0	.1											122	122	90	112	
64/ 61	.1	1.0	6.1	1.5	2.0	.1	.1											95	95	110	54	
62/ 59	.2	3.0	3.0	3.5	1.0													94	95	130	90	
60/ 57		1.8	3.6	2.4	1.6	.8												87	88	88	170	
58/ 55		.3	1.4	1.2	.7						.1							32	32	76	98	
56/ 53		.1	.1	.8	.2													11	11	69	49	
54/ 51		.1	.1	.3														5	5	35	59	
52/ 49			.1	.2														4	3	26	66	
50/ 47			.2	.1														3	3	17	21	
48/ 45			.1															1	1	4	16	
46/ 43																				5	21	
44/ 41																				1	11	
42/ 39																					13	
40/ 37																				1	2	
38/ 35																					1	
TOTAL	1.7	17.5	38.5	25.0	12.0	2.7	.6	.1			.1							867		865		
																	865					

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.	5488298	68344	79.0	10.116	865							
Dry Bulb	4326375	61047	70.4	5.681	867			63.3	23.1	0.5		90
Wet Bulb	3809734	57170	66.1	6.012	865			43.0	12.4	.5		90
Dew Point	3529359	54901	63.5	7.203	865			27.5	8.3	.3		90

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

2

PSYCHROMETRIC SUMMARY

6324 KUNSAN A B KOR 67-76 SEP
STATION STATION NAME YEARS MONTH

PART I 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								
107 103							.0	.0															5		
102 101						.0	.1	.1														1	10		
100 99					.1	.1	.0															13	13		
98 97				.1	.3	.2	.3	.1														61	59		
96 95		.0	.2	.2	.3	.2	.2	.1	.0													77	77		
94 93			.0	.8	.5	.2	.1	.2	.0	.0												159	156	5	
92 91		.0	1.1	2.4	1.2	1.1	.9	.2	.1	.0	.0											495	495	46	6
90 89		.0	1.5	2.3	.8	1.0	.3	.3	.2	.0	.0											537	538	125	45
88 87		.0	1.0	1.6	1.0	.8	.5	.3	.1	.1												446	444	214	131
86 85	.1	.0	2.0	2.5	2.2	.9	.6	.3	.1	.0												704	704	339	211
84 83	.2	1.8	1.6	3.8	1.0	.7	.7	.2	.1													694	699	396	320
82 81	.3	1.7	3.4	2.3	1.3	.9	.6	.1	.1													753	753	703	372
80 79	.3	1.5	5.1	1.4	1.3	.2	.3	.1	.0													769	772	798	653
78 77	.1	1.2	3.2	.8	1.0	.3	.1	.0														492	494	907	520
76 75	.3	2.4	1.7	1.4	.7	.2	.1															484	485	845	778
74 73	.7	3.6	1.8	1.8	.8	.3	.0					.0										631	635	738	1250
72 71	.1	1.6	1.2	.7	.3	.0					.0											268	269	597	595
70 69	.2	.9	.3	.2	.1	.0																129	129	443	385
68 67	.1	.9	.3	.2	.0																	107	107	319	408
66 65	.1	.4	.0	.1	.0																	51	51	205	394
64 63		.1	.0	.0																		15	15	128	280
62 61	.2	.0	.2																			13	13	32	172
60 59	.0	.0	.0																			4	4	15	120
58 57	.0	.0																				3	4	15	91
56 55																								1	68
54 53																									21
52 51																									8
50 49																									1
48 47																									1
46 45																									5
Total	3.1	18.3	25.8	22.9	13.6	8.9	4.7	1.7	.6	.1	.1	.0											5934		6915
																						6915		6915	

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.	41428230	527446	76.3	13.156	6915							
Dry Bulb	36060200	497722	71.8	6.939	6934			542.2	332.6	98.1	.5	720
Wet Bulb	30929657	460469	66.6	6.215	6915			372.0	121.3	9.7		720
Dew Point	28286912	439442	63.5	7.224	6915			235.4	74.6	1.7		720

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

4321 STATION — KOKSAAN AB KOREA STATION NAME — 67-76 YEARS — OCT MONTH

PART 1 ~~0000-2300~~ HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
75/ 75			.2															2	2		
74/ 73			.1	.3														4	4		
72/ 71				.1														1	1	3	
70/ 69			1.1	.2	.4	.2	.1											10	10	1	3
68/ 67		.4	1.7	.5	.1													21	21	6	3
66/ 65	.1	1.1	1.0	.6	.6	.2	.2											34	34	17	7
64/ 63	.4	3.7	2.9	3.3	.3	.4	.1	.1										101	104	39	30
62/ 61	.2	3.8	3.2	1.8	.6													93	94	45	37
60/ 59	.2	2.5	3.4	.9	.6													70	70	74	33
58/ 57	1.2	3.3	4.7	2.2	.9													107	107	98	75
56/ 55	.1	3.3	2.8	3.6	.2													89	89	92	61
54/ 53	.2	2.4	4.1	3.1	.4													96	96	94	50
52/ 51	.6	2.8	4.6	1.1	.3													79	79	89	97
50/ 49	.1	2.6	1.2	1.3	.4	.1												49	49	119	73
48/ 47	.2	4.1	.6	1.0	.2													55	55	63	66
46/ 45	.1	1.7	2.4	.4														46	46	60	139
44/ 43	.1	1.6	.7															21	21	33	65
42/ 41		.2																2	2	41	34
40/ 39		.3																3	3	14	20
38/ 37																				4	19
36/ 35																					21
34/ 33																					13
32/ 31																					4
30/ 29																					2
28/ 27																					2
~~26/ 25~~																					1
~~24/ 23~~																					1
TOTAL	.5	32.0	34.2	20.6	5.3	1.0	.4	.1											896		892
																		892		892	

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.	5796937	71115	79.7	11.952	892							
Dry Bulb	2890869	50557	56.4	6.531	896			4.9	.6			93
Wet Bulb	2541531	47267	53.0	6.432	892			1.0				93
Dew Point	2276860	44250	49.9	7.029	892		1.0	.6				93

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 — STATION — KUNSAN AB, KOREA — STATION NAME — 67-71 — YEARS — OCT — MONTH

PART I — 0300-0900 HOURS

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.3															1	1			
72/ 71					.1													1	1	1		
70/ 69			.4	.1	.3	.1	.2											11	11	2	3	
68/ 67		.3	2.2	.2	.1		.1											27	27	3		
66/ 65		.9	.9	.2		.1	.3											22	22	14	3	
64/ 63	.7	3.2	.8	2.1	.2		.1											64	64	36	20	
62/ 61	.8	3.0	2.8	1.2	.6													73	73	43	34	
60/ 59	.8	1.7	3.2	.7	.1	.1												57	57	46	36	
58/ 57	.8	5.2	3.9	1.4	.4													106	106	70	46	
56/ 55	1.1	3.4	3.4	1.4	.4													89	89	103	60	
54/ 53	1.0	3.2	4.6	2.6	.4													106	106	93	92	
52/ 51	.4	4.1	2.9	1.2	.3													85	85	97	88	
50/ 49	.9	3.0	2.3	1.1														61	61	105	79	
48/ 47	.4	4.3	1.4	.1	.2													59	59	74	60	
46/ 45	.4	3.4	2.0	1.3	.7													75	75	90	113	
44/ 43	.3	1.8	1.1	.2														31	31	33	50	
42/ 41	.1	1.3	.3															16	16	38	61	
40/ 39	.2	.7	.3															11	11	34	45	
38/ 37		.3	.1															4	4	12	20	
36/ 35																				6	14	
34/ 33																				1	14	
32/ 31																					8	
30/ 29																					9	
28/ 27																					2	
26/ 25																					2	
TOTAL	7.9	40.0	33.1	14.0	4.0	.3	.8											901		901		901
																		901		901		

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.	6206390	74058	82.2	11.507	901							
Dry Bulb	2726147	49167	54.6	6.923	901			4.3	.3			93
Wet Bulb	2446494	46554	51.7	6.756	901			.6				93
Dew Point	2219963	44193	49.0	7.027	901		2.2	.3				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

2

PSYCHROMETRIC SUMMARY

4321 KUNSAN AB, KOREA
STATION STATION NAME

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	31-32	33-34	TOTAL Wet B * B	TOTAL Wet B * Dew P
76/ 75			.3																	
74/ 73				.2																
72/ 71				.2	.3															
70/ 69			.4	.2	.1															
68/ 67		.2	1.2	.7	.6	.1														
66/ 65	.2	1.2	1.5	.7	.3	.1	.1													
64/ 63	.2	1.8	1.9	1.3	.2	.1	.1													
62/ 61	.7	2.8	3.1	1.9	.2															
60/ 59	.2	1.8	3.0	1.3	.5	.2														
58/ 57	.4	3.3	2.5	1.8	.2	.3														
56/ 55	2.4	4.2	3.7	1.8	.4	.2														
54/ 53	.4	3.3	3.1	1.8	.3															
52/ 51	.4	3.1	3.5	.6	.1		.1													
50/ 49	.1	2.9	2.0	.7	.1															
48/ 47	.3	5.2	1.7	.6																
46/ 45	.4	3.7	2.1	.9	.1															
44/ 43	.4	.8	.4	.6	.1															
42/ 41	.1	1.1	.9	.1																
40/ 39	.0	1.2	.1	.1																
38/ 37		.3	.1																	
36/ 35																				
34/ 33																				
32/ 31																				
30/ 29																				
28/ 27																				
26/ 25																				
~~10/ 9~~																				
~~8/ 7~~																				
TOTAL	7.2	37.0	34.0	15.5	4.6	1.1	.5												891	890
																			890	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean N. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6007224	72310	81.2	12.196	890							
Dry Bulb	2723168	48038	54.8	7.227	891			4.7	.5			93
Wet Bulb	2422172	46010	51.7	6.954	890			.6				93
Dew Point	2165810	43524	48.9	8.031	890		2.8	.3				93

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

2

PSYCHROMETRIC SUMMARY

9324 KOKSAN AB KOREA 7-74 DEC

PAGE 1 1700-1900

Type 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				
81/ 79						.1												1	1		
78/ 77					.4	.1	.3		.1										2		
76/ 75			.2	.1	.3	.4	.1	.2	.1									14	14		
74/ 73			.2		.8	.4	.7	.1	.1									23	26		
72/ 71				.9	.3	.7	.4	.3	.1									29	29	2	
70/ 69			1.1	1.1	1.6	1.1	.4	.3	.1									53	53	8	2
68/ 67	.2	.2	1.8	.9	1.2	.7	.7	.3										56	56	17	5
66/ 65	.1	.9	1.5	3.4	1.9	.7	.6	.2	.1									87	87	36	11
64/ 63	.3	1.7	3.1	6.5	3.3	3.7	.6	.2										173	174	54	37
62/ 61	.1	1.2	1.8	2.1	3.4	1.2	.6	.2										95	95	79	43
60/ 59	.4	1.1	1.9	2.4	1.7	.7	.8	.1										81	81	106	43
58/ 57	.3	2.0	1.7	2.8	1.1	1.1	.4											65	95	113	72
56/ 55	.2	1.0	1.7	2.0	1.2	.7												63	63	98	68
54/ 53		.6	.8	.8	1.6	.2	.2											37	37	108	51
52/ 51		.4	1.5	.8	1.1		.1											35	35	61	50
50/ 49		.2	.4	.4	.2													12	12	62	50
48/ 47		.6	.6	.9	.1		.1											20	20	50	79
46/ 45	.1	.3	.6	.1	.2	.1												13	13	36	101
44/ 43				.1														1	1	28	43
42/ 41		.1																1	1	4	27
40/ 39																				4	40
38/ 37																				4	31
36/ 35																					21
34/ 33																					12
32/ 31																					4
30/ 29																					2
28/ 27																					1
26/ 25																					2
24/ 23																					1
22/ 21																					1
TOTAL	1.9	10.4	17.1	25.4	20.0	12.5	6.3	3.1	.7									892			690
																		890		890	

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.	4270187	60249	67.7	14.681	890							
Dry Bulb	3437496	55056	61.7	0.064	892			19.0	5.2			93
Wet Bulb	2780781	49439	55.5	0.227	890			2.8				93
Dew Point	2313806	44804	50.3	0.098	890		1.5	.7				93

USAFETAC FORM 0 26 3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

2

DATA PROCESSING BRANCH
USAFETAC
WIN WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9224 STATION | KUNSAN AB SOUTH KOREA STATION NAME | 57-74 YEARS | OCT MONTH

PART I 1200-1400

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. Dry Bulb	TOTAL Wet Bulb	Dew Point
127/ 81				.1				.3	.1									3	3		
120/ 79						.3	.1	.3		.1	.1							11	11		
113/ 77					.3	.1	.1	.1	.1	.1	.1							9	9		
106/ 75				.2	1.4	.7	1.4	1.0	.6	.2								46	46	1	
99/ 73			.3	.6	1.1	.7	1.0	.6	.3	.1								54	54		1
92/ 71			.3	1.1	.9	1.7	1.4	1.1	.7									65	65	2	
85/ 69		.1	1.0	.9	2.1	3.1	.8	.7	.3									82	84	13	3
78/ 67		.1	1.1	1.4	4.4	2.5	1.9	.5	.3	.1								103	116	34	7
71/ 65	.1	.7	1.0	2.0	3.4	1.9	2.6	.6				.1						117	117	45	9
64/ 63		1.0	1.1	3.0	3.6	7.1	1.8	.1										165	165	62	47
57/ 61	.3	.9	.8	1.0	2.0	1.5	.8	.2										65	65	125	46
50/ 59	.2	.5	.2	.2	1.2	.3	1.0	.1										37	37	121	42
43/ 57	.2	.1	.6	1.0	2.1	1.5	.3	.1										53	53	109	54
36/ 55			.5	.8	1.6	1.4	.2											34	34	96	84
29/ 53			.2	.5	.7	.1		.1										14	14	100	82
22/ 51			.1	.1	.5	.1												7	7	24	72
15/ 49			.2	.1	.1	.2												6	6	45	60
08/ 47				.2	.1	.1												4	4	44	64
01/ 45				.1	.1													2	2	18	100
94/ 43																				7	82
87/ 41																				2	35
80/ 39																				6	27
73/ 37																					27
66/ 35																					10
59/ 33																					11
52/ 31																					0
45/ 29																					4
38/ 27																					3
31/ 25																					2
24/ 23																					1
17/ 21																					1
TOTAL	1.4	3.4	7.0	14.9	25.1	23.9	14.4	6.0	2.5	.7	.2	.1						884	870	884	884

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.	3279039	52431	59.3	13.846	884							
Dry Bulb	3878018	58474	65.7	6.200	890			40.3	13.1	.8		93
Wet Bulb	2936937	50682	57.3	5.944	884			2.3	.1			93
Dew Point	2314414	44030	50.5	8.284	884		1.6	1.2	.1			93

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

2

DATA PROCESSING DIV CO
USAF ETAC
USAF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9521 KIMSAN AB KOREA 72-76 (1 OCT - 31 MAR)
STATION STATION NAME YEARS

PART I (1960-1976)

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
82/ 81								.1										1		1		
80/ 79							.1	.1	.1									3		3		
78/ 77					.2	.7	.4		.1									13		13		
76/ 75			.2	.4	.6	1.3	.3	.6										33		34		
74/ 73			.1	.8	.7	1.1	1.1	.9	.2	.1								41		42	1	
72/ 71			.6	1.0	1.0	1.2	1.4	.7	.3									56		56	1	1
70/ 69			1.1	1.2	1.7	3.4	1.0	1.1	.1									87		87	8	2
68/ 67			1.0	1.0	3.3	1.3	.3	.1	.1									65		65	33	2
66/ 65		.6	1.9	4.6	5.3	2.1	2.1		.1									159		159	42	6
64/ 63	.8	1.0	1.7	5.6	2.2	5.6	1.0	.9										163		163	68	42
62/ 61	.1	.4	.9	2.0	2.7	1.4	1.2											64		64	100	60
60/ 59	.2	1.0	.4	.8	1.9	1.3	.2	.1										55		55	146	47
58/ 57	.4	.4	.3	1.9	2.3	1.2	.4											64		64	134	66
56/ 55		.2		1.3	1.1	1.0	.3	.1										37		37	78	89
54/ 53				.9	1.2													19		19	56	115
52/ 51		.1	.6	.3	1.1													19		19	63	78
50/ 49			.1			.2												3		3	50	46
48/ 47					.1													1		1	34	49
46/ 45				.3	.1													4		4	30	100
44/ 43				.1														1		1	6	50
42/ 41																					4	48
40/ 39																					4	31
38/ 37																					1	17
36/ 35																						22
34/ 33																						9
32/ 31																						4
30/ 29																						3
28/ 27																						2
26/ 25																						1
TOTAL	1.3	3.8	8.9	22.9	25.0	22.0	10.1	3.9	1.1	.1									901			899
																		899		899		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3633422	55920	62.2	13.141	899							
Dry Bulb	3796690	58228	64.6	6.115	901			31.1	9.6	.3		93
Wet Bulb	2958193	51295	57.1	5.914	899			4.4	.1			93
Dew Point	2384686	45744	50.9	7.973	899		1.3	.5				93

FORM 0-26-3-OL-A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE
USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

432[illegible] KUNSAN AB KOREA 7-7[illegible] [illegible]
STATION NAME YEARS

PERIOD [illegible]

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	>31	TOTAL D.B	TOTAL W.B	TOTAL Wet B.	TOTAL Dew Point
76/ 75			.1		.1																							2	2		
74/ 73			.2	1.0	.5	.2	.1																					1	16		
72/ 71			.2	1.5	.3	.3	.7																					27	27	2	
70/ 69			1.1	.1	1.2	.6			.1																			30	30	5	3
68/ 67		.1	1.6	.7	2.4	.5	.1																					47	47	13	4
66/ 65	.1	.7	2.0	1.8	1.7	.6	.7																					57	57	27	8
64/ 63	.3	2.1	3.8	10.0	4.2	2.0	.3																					221	221	97	37
62/ 61	.2	1.7	3.4	2.5	2.0	.7																						95	95	63	44
60/ 59	.1	.6	2.3	2.0	1.6	1.3																						76	76	109	45
58/ 57	.1	2.4	2.4	3.5	2.2	.5	.1																					101	101	136	59
56/ 55		1.1	1.3	2.8	1.5	1.2																						68	68	117	55
54/ 53		.9	.6	2.3	2.1	.1	.1																					52	52	85	122
52/ 51		.1	1.4	.9	2.3		.1																					42	42	70	75
50/ 49		.3	.2	.2																								19	19	73	57
48/ 47		.2	.2	.5	.1	.1																						10	10	47	71
46/ 45		.1	.1		.2																							4	4	52	77
44/ 43				.5																								4	4	17	56
42/ 41			.1	.1																								2	2	2	41
40/ 39		.1																										1	1	4	29
38/ 37																														6	20
36/ 35																														1	29
34/ 33																															7
32/ 31																															3
30/ 29																															2
28/ 27																															2
TOTAL	1.2	10.7	23.0	31.4	22.9	9.0	2.3	.1																				886		886	885
																												886	886		

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.	4517650	62294	70.3	1.470	886							
Dry Bulb	3307430	53870	60.8	2.256	886			13.0	2.1			93
Wet Bulb	2747402	49060	55.4	0.906	886			2.1				93
Dew Point	2330201	44959	50.7	7.870	886		1.4	.7				93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITION OF THIS FORM IS OBSOLETE

2

PSYCHROMETRIC SUMMARY

KANSAS CITY KCIA — 7-75

Page 1 2100-2300

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. Dry Bulb	TOTAL Wet Bulb	Dew Point
76/ 75			.3															3	3		
74/ 73				.5														5	5		
72/ 71			.1	.6	.3													11	11	3	
70/ 69			1.2	.3	.1	.1												27	27	2	5
68/ 67		.1	1.3	.9	.8	.5												27	27	6	2
66/ 65		.6	2.0	1.2	.3	.3												41	41	20	6
64/ 63	.5	2.6	4.4	5.1	1.2	1.0												144	145	44	25
62/ 61	.7	2.1	4.2	3.4	1.7	.4												117	117	50	33
60/ 59	.1	1.7	4.2	2.1	1.0	.1												83	83	80	37
58/ 57	.4	3.0	3.0	3.1	1.0													102	109	120	90
56/ 55	.2	2.2	2.0	4.2	.9	.2												93	93	115	90
54/ 53	.3	2.0	2.5	2.5	1.0													74	74	72	91
52/ 51		1.6	3.4	.8	2.3	.1												73	73	80	110
50/ 49		.8	.8	1.7	.6													34	34	104	50
48/ 47	.2	1.1	.4	.3	.3													22	22	57	60
46/ 45	.1	1.2	1.2	.4	.2													29	29	64	97
44/ 43		.1	.1	.2	.1													5	5	80	60
42/ 41			.3	.1														4	4	16	35
40/ 39		.1		.1														2	2	6	29
38/ 37																				7	20
36/ 35																				2	20
34/ 33																				1	12
32/ 31																					5
30/ 29																					6
28/ 27																					3
26/ 25																					1
	.4	.2	1.3	29.1	13.4	2.0													897		695
																		895		695	

	Mean Obs.	Mean No. of Hours with Temperature ≤						
		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
67 75.3 11.9	895			6.8	.0			93
56.3 0.2 18	897							
54.0 0.2 25	895			1.1				93
50.2 7 139	895		1.8	.5				93

2

PSYCHROMETRIC SUMMARY

4321 KUNSAN AB KOREA 7-75 OCT

STATION STATION NAME YEARS MONTH

PART I ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B. W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31										
82/ 81				.0				.1	.0											0							
80/ 79						.1	.0	.1	.0	.0	.0									15	15						
78/ 77					.1	.1	.1	.0	.0	.0	.0									31	31						
76/ 75			.2	.1	.3	.2	.2	.2	.1	.0										104	104	1					
74/ 73			.2	.5	.4	.3	.3	.2	.1	.0										153	154	1	1				
72/ 71			.2	.7	.4	.5	.3	.3	.1											179	179	17	1				
70/ 69		.0	1.0	.6	1.0	1.1	.3	.3	.1											311	314	39	2				
68/ 67	.3	.2	1.4	.8	1.6		.4	.1	.1	.0										375	380	115	23				
66/ 65	.1	.0	1.5	1.9	1.7	.8	.9	.1	.0											554	555	220	50				
64/ 63	.4	2.2	2.7	4.8	1.9	2.5	.5	.1												1062	1057	306	279				
62/ 61	.5	2.8	2.5	2.1	1.7	.7	.3	.1												761	762	571	245				
60/ 59	.3	1.4	2.3	1.4	1.2	.5	.2	.0												525	525	728	525				
58/ 57	.3	2.0	2.4	2.2	1.4	.6	.2	.1												703	703	931	497				
56/ 55	.5	1.9	2.6	2.3	.9	.6	.1	.0												583	583	709	636				
54/ 53	.4	1.5	2.2	1.8	1.1	.1	.0	.0												503	504	754	740				
52/ 51	.2	1.5	2.2	.7	1.0	.0	.0													411	410	691	708				
50/ 49	.1	1.2	1.0	.8	.2	.1														236	236	658	466				
48/ 47	.4	1.3	.6	.4	.2	.0	.0													240	240	490	500				
46/ 45	.3	1.3	1.1	.5	.2	.0														238	238	413	602				
44/ 43	.1	.2	.3	.2	.0															34	34	200	456				
42/ 41	.1	.4	.2	.0																45	45	135	312				
40/ 39	.1	.3	.1	.0																35	35	102	200				
38/ 37		.1	.0																	6	6	97	191				
36/ 35																						15	150				
34/ 33																						4	90				
32/ 31																							47				
30/ 29																							38				
28/ 27																							29				
26/ 25																							9				
24/ 23																							2				
22/ 21																							1				
20/ 19																							1				
18/ 17																							1				
16/ 15																							2				

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 EDITION OF THIS FORM ARE OBSOLETE

2

[illegible] PROCESSING GRP
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4021 KUSAN A KUPLA [illegible]-76 [illegible]

PART [illegible] ALL

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. Dry Bulb	TOTAL Wet Bulb Dew Point
87 7																			
[illegible]	3	19	24	21	15	2	0.9	4.3	1.7	.5	.1	.1	.1					7154	7137
																		7137	7137

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.	38915814	515002	72.3	15.151	7137							
Dry Bulb	25839701	426475	59.6	7.626	7154			124.7	32.2	1.1		744
Wet Bulb	21477029	388609	54.4	6.068	7137			10.0	.2			744
Dew Point	18342933	357361	50.1	7.935	7137		13.8	4.9	.1			744

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITION [illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

4221 KUNSAN AB KOREA 67-76 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 0000-2300

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
66/ 65			.1															1		1		
64/ 63		.1	.1		.1													3		3		
62/ 61		.1	.2															3		3	2	
60/ 59		.5	.1															6		5	3	1
58/ 57		.5	.4	.2														9		9	5	1
56/ 55	.2	1.3	1.1	.5														27		28	11	2
54/ 53	1.1	1.6	3.5	2.2	.5													77		77	31	21
52/ 51	.2	2.9	2.3	2.0	.6													77		77	36	20
50/ 49	1.1	4.2	1.6	.6	.5													68		68	94	36
48/ 47	1.3	4.8	1.4	1.2	.5													78		78	79	76
46/ 45	1.3	6.1	5.7	1.1	.2	.1												124		124	90	101
44/ 43	1.1	2.7	3.3	1.3	.1													72		72	70	67
42/ 41		1.3	1.5	.9														32		32	75	40
40/ 39	.2	3.2	2.2	1.3	.2													61		61	56	56
38/ 37	1.2	1.9	3.7	1.3														69		69	64	59
36/ 35		2.6	3.4	.4														54		54	54	60
34/ 33	.6	2.9	.8	.7														45		45	63	58
32/ 31	.5	.8	.5															18		18	55	47
30/ 29	.1	1.5																14		14	19	54
28/ 27	.2	1.2																15		15	20	62
26/ 25		.4																3		3	6	39
24/ 23																					3	14
22/ 21																						11
20/ 19																						15
18/ 17																						2
16/ 15																						1
TOTAL	10.7	40.5	32.0	13.0	2.9	.1													856		856	856
																		856		856		

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.	5638416	68542	80.1	13.249	856							
Dry Bulb	1738161	38041	44.4	7.462	856		5.3					90
Wet Bulb	1541144	35762	41.8	7.420	856		10.0					90
Dew Point	1328811	32661	38.4	8.473	856		22.8					90

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

2

PSYCHROMETRIC SUMMARY

Time 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
02/ 01		.2			.1													3		3		
03/ 29		.3	.2															5		5	3	2
28/ 27		.3	.5	.3														11		10	2	2
26/ 25	.3	.7	.3	.5	.1													19		19	9	4
24/ 23	1.2	1.4	1.6	1.6	.3													56		56	27	21
22/ 21	.7	2.3	3.2	1.4	.2													95		94	56	19
20/ 19	1.0	4.0	1.2	.5	.1													59		59	38	20
18/ 17	.3	4.7	.7	1.2	.2													71		71	79	37
16/ 15	2.5	6.0	5.4	.7	.0													134		134	96	115
14/ 13	1.2	2.8	3.2	1.4	.1	.1												81		81	97	75
12/ 11	1.2	2.1	1.2	.5														42		42	60	46
10/ 09	.1	2.7	1.7	.9	.3													56		56	53	54
08/ 07	.7	2.4	2.4	.7														59		59	56	45
06/ 05	.2	2.7	2.8	.0														54		54	47	30
04/ 03	.7	4.3	2.3															65		65	74	58
02/ 01	1.4	2.5	.6															30		30	37	30
00/ 29		1.8	.7	.1														23		23	26	67
28/ 27	.2	2.1	.1															23		23	28	77
26/ 25																					16	42
24/ 23																						22
22/ 21		.2																2		2		15
20/ 19		.1																1		1	2	15
18/ 17																					1	5
16/ 15																						1
14/ 13																						1
12/ 11																						1
TOTAL	13.7	43.9	29.5	10.0	2.7	.1														867		867
																		867			867	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≤68 F	≤73 F	≤80 F	≤95 F	Total
Rel. Hum.	5980005	70609	81.4	14.145	867							
Dry Bulb	1661703	37371	43.1	7.064	867		8.8					90
Wet Bulb	1485832	35280	40.7	7.615	867		16.6					90
Dew Point	1291068	32538	37.5	8.987	867		28.7					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

4321 KUNSAN AB KOREA 7-7? NOV

STATION STATION NAME YEARS MONTH

PAGE 1 0000-2300

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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63						.2												2	2			
62/ 61		.1		.1		.1												3	3			
60/ 59	.2		.4	.1														5	5	3	3	
58/ 57		.1	.6	.4														9	9			
56/ 55	.1	1.0	.5	.2	.2													17	17	7	1	
54/ 53	1.7	.7	2.4	1.4	.4													35	35	35	20	
52/ 51	.7	2.5	3.3	.8	.5													63	63	31	22	
50/ 49	.6	3.0	1.7	.5	.1													51	51	61	24	
48/ 47	1.2	5.5	.8	.6	.5													72	72	74	57	
46/ 45	1.4	5.5	3.8	2.1	.4	.1												112	112	71	90	
44/ 43	2.1	2.9	4.4	.5	.2													85	85	80	85	
42/ 41	1.5	1.4	1.8	1.0	.1													44	44	82	45	
40/ 39	1.3	3.1	1.3	.8	.1													56	56	76	58	
38/ 37	.6	1.7	2.7	1.0	.1													53	53	59	44	
36/ 35	.2	3.7	2.9	.7														63	63	39	53	
34/ 33	.6	3.8	1.5	.2														52	52	50	49	
32/ 31	.5	2.5	.2	.1														23	23	70	47	
30/ 29	.2	1.9	.5															22	22	41	61	
28/ 27	1.1	3.3	.6															47	42	56	74	
26/ 25		.1																1	1	19	37	
24/ 23																				2	23	
22/ 21																					15	
20/ 19		.4																3	3	2	12	
18/ 17																				1	13	
16/ 15																					4	
14/ 13																					3	
10/ 9																					1	
TOTAL	14.1	43.1	29.1	10.0	2.6	.5													839			839
																		830		839		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dry Bulb	1590040	35908	42.8	7.970	839	10.3				90
Wet Bulb	1416654	33052	40.3	7.795	839	17.3				90
Dew Point	1221097	31067	37.0	5.137	839	31.1				90

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

2

PSYCHROMETRIC SUMMARY

4321 KUNSAN AB KOREA 67-70

PART I 1200-1500

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65						.1												1	1			
64/ 63			.4	.5	.1	.2	.2											14	14			
62/ 61		.1	.4	.3	1.0	.1	.1											21	21			
60/ 59	.2	.2	1.0	.3	.7	.4												32	30	9		4
58/ 57	.2	1.2	1.2	2.2	1.2	.5												54	54	12		8
56/ 55		2.3	1.2	4.2	.8	.5												75	75	32		7
54/ 53	.2	2.0	2.8	2.8	1.4	.4	.1											81	81	57		23
52/ 51	.3	1.6	4.4	1.9	1.0	.4	.1											85	85	71		49
50/ 49	.4	1.3	1.8	1.6	.8	.4												52	52	91		64
48/ 47	1.3	2.0	1.7	1.6	.7	.2	.1	.1										62	62	87		90
46/ 45	.	2.6	3.2	2.3	1.6	.5	.1											93	93	84		110
44/ 43	.2	.8	1.9	2.3	1.0	.4												55	55	63		89
42/ 41	.4	1.2	1.1	.8	1.0	.4												40	40	49		35
40/ 39	.1	1.3	1.7	.8	1.1													42	42	25		55
38/ 37	.2	1.4	3.0	1.0	.1													48	48	43		41
36/ 35		1.4	1.2	.6	.1													26	26	25		43
34/ 33	.4	1.0	.4	.4	.1													23	23	63		34
32/ 31	.1	1.2	.1	.2														14	14	41		30
30/ 29		.7	.6															11	11	14		54
28/ 27		.1	.1															2	2	9		08
26/ 25		.2	.2															4	4	5		19
24/ 23			.1															1	1	4		11
22/ 21																				2		14
20/ 19																						20
18/ 17																						11
16/ 15																						6
14/ 13																						4
12/ 11																						3
10/ 9																						2
TOTAL	5.1	23.4	28.3	24.6	12.9	4.5	.8	.1											836			836
																		836		836		

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.	4407563	59065	71.4	15.032	836							
Dry Bulb	1969840	40004	47.9	8.159	836		3.4					90
Wet Bulb	1644009	36483	43.6	7.883	836		8.1					90
Dew Point	1319918	32126	38.4	10.112	836		26.4					90

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 KUSAN AP KOREA 7-24 Nov
STATION STATION NAME YEARS MONTH

PART I 1200-1400
HOUR LST

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.	TOTAL W.B.	TOTAL Dew Point D.	TOTAL Dew Point W.
70/ 69				.1		.2												3	3		
68/ 67			.1	.5		.1	.2	.1										6	6		
66/ 65			.2	.6	.1	.5	.6	.1										14	13		
64/ 63		.1	.6	2.0	1.4	2.1	.6	.1										32	32	5	
62/ 61		.5	1.4	1.4	3.4	1.2	.8	.1										75	75	8	2
60/ 59		.4	1.8	1.5	1.5	1.1	.4											50	50	19	10
58/ 57		1.2	1.8	3.4	2.0	1.3	.9	.1										95	95	29	6
56/ 55	.4	1.2	.7	2.1	1.2	1.1	.1	.1										61	61	64	30
54/ 53	.1	1.2	.7	1.2	2.0	.7	.8	.1										63	63	99	36
52/ 51	.1	1.3	2.2	.9	.7	1.1	.2											56	56	67	44
50/ 49	.4	.2	1.4	1.8	2.1	.8		.1										53	58	86	47
48/ 47	.2	1.3	.9	1.3	1.9	1.5	.2											64	64	70	50
46/ 45		.4	2.9	2.4	2.4	1.1	.1											78	78	64	97
44/ 43		.5	.6	2.3	.8	.4												40	40	48	63
42/ 41		.5	.6	1.2	.5	.9												26	26	63	93
40/ 39	.4	.7	1.6	.2	.4													30	30	61	61
38/ 37	.1	.2	1.2	.6	.1													19	19	58	38
36/ 35	.1	.9	.7	.2														17	17	43	46
34/ 33	.1	.5	.1															6	6	33	44
32/ 31		.4	.2															5	5	19	50
30/ 29		.5	.2															6	6	5	48
28/ 27			.2															2	2	4	29
26/ 25																				4	27
24/ 23																					19
22/ 21																					13
20/ 19																					6
18/ 17																					8
16/ 15																					6
14/ 13																					1
12/ 11																					1
TOTAL	2.1	11.8	20.4	24.1	22.1	13.4	5.1	.9											849		849
																		849		849	

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.	3602197	54193	63.8	15.471	849							
Dry Bulb	2366044	44272	52.1	8.372	849		1.4	1.3				90
Wet Bulb	1869115	39479	46.3	7.821	849		3.4					90
Dew Point	1412228	33284	39.6	9.937	849		25.2					90

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

2

USAF ETAC
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 — KANSAS AB KANSAS — 7-76 — NAVY

PAGE 1 — 1200-1700

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															
70/ 69							.1																					1		1		
66/ 65					.4	.1	.6	.4	.5																					16		10		
64/ 63			.4	.1	1.2	.5	1.4	.2	.1		.1																			34		34	2	
62/ 61		1.0	1.1	1.8	2.3	.1	.6																							59		59	4	2
60/ 59		.4	1.9	1.8	2.4	.1	.4		.1																					59		59	13	7
58/ 57		1.4	1.6	3.1	2.1	1.4	.4																							83		83	32	7
56/ 55		1.9	1.8	2.5	1.3	1.0																								71		71	51	15
54/ 53	.1	1.8	1.3	2.2	2.1	.2	.5																							65		66	50	34
52/ 51	.1	2.1	2.3	1.3	1.6	.4		.1																						67		67	52	55
50/ 49	.4	.6	.6	1.7	1.4	.4	.2	.1																						45		45	53	46
48/ 47	.4	1.0	1.6	2.4	1.9	.5	.1																							65		65	63	71
46/ 45	.1	.6	4.6	2.9	2.4	.5																								91		92	58	81
44/ 43		.6	1.7	2.8	1.0	.1																								51		51	68	48
42/ 41	.1	.4	1.1	1.6	.7																									32		32	59	40
40/ 39		.5	.4	2.9	.4																									34		34	60	56
38/ 37	.4		1.6	.6	.1																									22		22	60	44
36/ 35	.2	.2	1.3	.4																										19		18	52	71
34/ 33		.4																												3		3	50	44
32/ 31			.4																											3		3	14	25
30/ 29		.4	.4																											6		6	6	42
28/ 27																																2	65
26/ 25																																3	26
24/ 23																																	22
22/ 21																																	10
20/ 19																																	7
18/ 17																																	2
16/ 15																																	3
14/ 13																																	1
12/ 11																																	1
10/ 9																																	1
TOTAL	1.8	13.5	24.3	29.3	20.9	6.5	3.0	.4	.1	.1																			829	824		828	826

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.	3836678	55022	66.5	14.768	828							
Dry Bulb	2220273	42405	51.2	7.861	829		1.0	.1				90
Wet Bulb	1788706	37972	45.9	7.564	828		2.7					90
Dew Point	1388129	32935	39.8	9.717	826		22.5					90

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

USAFETAC

2

[illegible] PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43213 KUNSAN AB KOREA 67-76 N
STATION STATION NAME YEARS MONTH

PERIOD 1 1300-2200
HOURS

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 B.-Wet B.	Dew Point
067/ 065					.1													1	1		
064/ 063		.1	.1	.4	.1	.1												7	7		
062/ 061		.3	.4	.1	.4	.1												15	15	1	1
060/ 059		1.1	.7	.2	.2													19	19	9	2
058/ 057	.1	1.9	1.2	2.2	.5	.2												52	52	17	11
056/ 055	.1	3.3	2.3	2.0	1.3	.2												83	83	28	14
054/ 053	.6	3.3	3.3	2.1	1.4													91	91	63	31
052/ 051	.2	3.2	3.0	1.5	1.2	.2												93	93	79	50
050/ 049	.7	2.0	2.2	2.0	.2	.4												64	64	102	56
048/ 047	.2	1.9	1.9	2.1	.7	.1	.1											56	56	80	67
046/ 045	.1	2.7	4.0	2.2	1.5	.2												92	92	72	83
044/ 043		1.4	2.8	3.6	.5													72	72	82	51
042/ 041	.1	1.3	2.0	1.6	.2													45	45	65	41
040/ 039	.1	1.1	1.8	2.3	.1													46	46	33	46
038/ 037	.2	.7	4.0	.8														49	49	74	56
036/ 035	.1	.7	1.6	1.4														33	33	50	54
034/ 033	.4	.9	.6															16	16	65	46
032/ 031	.1	.7	.2															9	9	31	38
030/ 029		.2	.1															3	3	13	49
028/ 027		.4																3	3	3	77
026/ 025		.1																1	1	5	34
024/ 023																					15
022/ 021																					10
020/ 019																					10
018/ 017																					3
016/ 015																					1
TOTAL	3.4	27.8	33.3	24.9	8.8	1.0	.1												852		852
																		852		852	

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.	4772974	62050	73.2	13.972	852							
Dry Bulb	1996844	40750	77.2	7.772	852		1.7					90
Wet Bulb	1700706	37516	44.0	7.570	852		5.5					90
Dew Point	1400575	33275	39.4	9.242	852		25.0					90

USAFETAC FORM 0-26-3 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9321 — KANSAS A. NICHOLS — 7-71 — [illegible]
STATION — STATION NAME — YEARS — WBAN

PERIOD 1 2100-2400

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
64/ 63		.2	.1	.1														4	4		
62/ 61		.2	.2	.1														5	5	2	1
60/ 59		.6	.1	.2														9	8	4	3
58/ 57		1.6	.7	.8														27	27	10	7
56/ 55		1.6	.9	1.9	.2	.2												42	42	16	12
54/ 53	1.2	3.7	3.4	2.1	1.3	.1												101	101	42	24
52/ 51	.8	3.5	2.9	1.0	1.4													81	81	58	43
50/ 49	.8	3.2	3.2	.8		.2												69	69	78	55
48/ 47	.9	3.2	3.5	2.0	.3	.1												87	87	73	61
46/ 45	.3	2.7	4.2	1.6	.6													83	83	79	69
44/ 43	.3	2.6	3.1	1.3	.3	.1												67	67	75	62
42/ 41	.1	1.5	1.4	1.2	.6													36	38	60	46
40/ 39	.2	3.4	3.5	1.9	.2													80	80	63	65
38/ 37	.3	1.4	5.1	.6	.1													65	65	53	46
36/ 35	.3	1.3	2.3	.8														41	41	64	53
34/ 33	.2	.8	1.5	.1														29	29	37	56
32/ 31	.2	.7	.3															11	11	34	27
30/ 29		1.3	.2															15	15	25	40
28/ 27	.3	.2																6	6	14	33
26/ 25		.2																2	2	2	41
24/ 23		.1																1	1	3	32
22/ 21																					15
20/ 19																					8
18/ 17																					2
TOTAL	6.0	34.3	36.4	16.5	5.3	.6													862		862
																		862		862	

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.	5281850	66438	77.1	13.683	862							
Dry Bulb	1850576	39408	45.7	7.541	862		3.7					90
Wet Bulb	1613016	36712	42.6	7.581	862		8.1					90
Dew Point	1358232	33274	38.6	9.260	862		25.2					90

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

2

PSYCHROMETRIC SUMMARY

9221 STATION — KUNSAN AB KOREA STATION NAME — 73-78 YEARS — MONTH

PAGE 1 — ALL HOURS

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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
107/ 99				.0		.0	.0											4	4			
997 97			.0	.1		.0	.0	.0										9	9			
967 95			.1	.1	.1	.1	.1	.0										37	37			
947 93		.1	.2	.5	.2	.2	.1	.0		.0								123	123	7		
927 91		.4	.5	.5	.9	.2	.2	.0										184	184	17	6	
907 89	.1	.4	.6	.6	.6	.2	.1		.0									188	188	63	42	
887 87	.3	1.0	1.0	1.6	.8	.4	.2	.0										342	342	107	46	
867 85	.2	1.7	1.6	1.7	.7	.4	.0	.0										396	396	218	94	
847 83	.3	2.0	2.4	1.9	1.2	.2	.2	.0										592	592	440	204	
827 81	.0	2.5	3.0	1.3	1.0	.3	.0	.0										590	590	400	305	
807 79	.3	2.3	1.7	1.2	.7	.3	.0	.0										466	466	683	503	
787 77	.0	3.0	1.6	1.5	.7	.3	.1	.0										557	557	585	497	
767 75	.3	3.3	4.2	1.9	1.3	.3	.0											807	808	594	766	
747 73	.7	1.8	2.7	2.0	.5	.1												523	523	533	516	
727 71	.4	1.2	1.3	1.1	.4	.1												299	299	513	337	
707 69	.4	2.0	1.6	1.4	.4													405	405	497	458	
687 67	.3	1.2	3.0	.8	.1													384	384	467	403	
667 65	.2	1.7	2.0	.6	.0													308	308	384	440	
647 63	.3	1.9	.9	.2	.0													239	239	535	401	
627 61	.4	1.1	.3	.0														124	124	351	294	
607 59	.3	1.1	.3	.0														100	100	139	423	
587 57	.2	.9	.1															93	93	116	550	
567 55		.1	.0															11	11	60	267	
547 53		.0	.0															2	2	12	158	
527 51		.0																2	2	2	103	
507 49		.1																4	4	4	93	
487 47																				2	40	
467 45																					22	
447 43																					10	
427 41																					9	
407 39																					4	
TOTAL	7.4	29.9	29.2	19.1	9.7	3.4	1.1	.2	.0	.0									6790			6789
																		6789		6789		

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.	39198339	504965	74.4	13.519	6789							
Dry Bulb	15395483	318165	46.9	20.409	6789		35.0	1.4				426
Wet Bulb	13059192	292650	43.1	17.925	6789		72.0					720
Dew Point	10720058	261960	38.6	21.426	6789		209.9					720

USAFETAC FORM 0-26-3-OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53			.4															4	4			
52/ 51	.2	.7	.4															12	12	3		2
50/ 49	.3	2.2	.4															27	27	26		11
48/ 47	.1	.4	.2															7	7	15		16
46/ 45	.6	1.9	2.2	.4	.1													47	46	13		21
44/ 43	.3	.6	2.7	.3	.2													37	37	20		15
42/ 41	.1	2.5	1.7	.7														44	44	30		3
40/ 39	.6	3.4	2.5	2.1	.1													91	91	54		24
38/ 37	1.3	3.3	3.9	.9	.3													37	86	51		36
36/ 35	.7	3.7	2.9	.8														72	72	86		93
34/ 33	.6	4.2	3.4	1.3														85	85	104		82
32/ 31	.2	5.9	2.6	1.0														87	89	75		43
30/ 29	1.1	5.6	3.3	.1														89	89	111		74
28/ 27	2.2	7.3	2.1	.2														106	106	97		139
26/ 25	.6	1.7	.2															22	22	79		76
24/ 23	.2	.9																16	16	38		53
22/ 21	.1	.9																16	16	22		58
20/ 19	.2	1.2																12	22	16		67
18/ 17	.6	.3																8	8	14		46
16/ 15	.7	1.1																16	17	16		32
14/ 13	.3	.1																4	4	6		14
12/ 11	.1	.2																3	3	3		20
10/ 9	.2																	2	2	2		12
8/ 7																						6
6/ 5																						3
Total	13.7	48.0	29.5	8.0	.8														999			991
																		991		991		

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.	5582774	69552	78.1	13.133	891							
Dry Bulb	1102454	30648	34.1	6.011	899		40.0					93
Wet Bulb	960015	28449	31.9	7.019	891		50.0					93
Dew Point	755512	24680	27.7	8.928	891		66.2					93

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

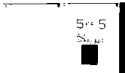
2

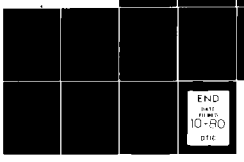
PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION F

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	≤ 83 F	Total
Rel. Hum	55975[illegible]	69716	79.3	12.774	8[illegible]7						
Dry Bulb	1015911	27[illegible]7	33.9	6.040	8[illegible]1		45.4				
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		6.0				
Dew Point	711052	23002[illegible]	27.2	10.211	8[illegible]7		[illegible]8.2				

AD-A088 944 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
KUNSAN AB, KUNSAN, KOREA. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
OCT 77
UNCLASSIFIED USAFETAC/DS-80/070 NL





2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

47217 KUNSAN AB KOREA 7-76 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0900 HOURS (LST)

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
56/ 55			.1															1	1		
54/ 53	.1	.1	.2															4	4	2	1
52/ 51	.1	.2																3	3	3	2
50/ 49	.1	1.6	.5	.1														20	20	8	6
48/ 47	.2	.9	.7															16	16	15	10
46/ 45		1.5	2.0	.7	.1													37	37	17	16
44/ 43		1.4	2.0	.7	.1													36	36	19	10
42/ 41	.6	2.6	1.2	.2														34	34	27	17
40/ 39	.7	1.5	1.6	.8		.1												41	41	33	28
38/ 37	2.0	2.4	1.9	.7	.2													62	62	43	39
36/ 35	.7	2.4	2.4	.1	.1													50	50	52	39
34/ 33	.6	6.4	5.1	1.2														116	116	76	42
32/ 31	.6	3.5	2.0	.5														58	59	89	47
30/ 29	.6	6.8	2.2	.3														88	88	87	54
28/ 27	4.1	7.8	2.7	.1														126	127	116	139
26/ 25	.9	4.1	.7															42	50	78	72
24/ 23	1.2	2.8	.6															39	39	66	52
22/ 21	1.6	1.3																27	27	45	66
20/ 19	1.0	.5																13	14	21	58
18/ 17	.3	.6																8	8	7	49
16/ 15	.5	1.0																13	13	14	45
14/ 13	.3	.2																9	11	11	15
12/ 11	.6	.2																7	8	7	19
10/ 9	.3																	3	3	4	22
8/ 7	.1																	1	1	1	8
6/ 5		.1																1	1		3
4/ 3																				1	
2/ 1																					2
-2/ -3																					1
TOTAL	18.4	49.7	25.8	5.5	.6	.1													669		662
																		862		862	

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.	5630330	68774	79.8	12.899	862							
Dry Bulb	969212	28094	32.3	8.380	869		48.1					93
Wet Bulb	854857	26277	30.5	7.907	862		59.0					93
Dew Point	680905	22909	26.6	9.149	862	.1	70.3					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

4321? STATION | KUNSAN AB KOREA STATION NAME | 67-75 YEARS | DEC 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				
60/ 59				.2	.1													1	3		
58/ 57				.3														3	3		
56/ 55		.2	.2	.3														7	7	1	
54/ 53		.3	.7	.1														10	10	5	1
52/ 51	.1	.1	.0	.5														13	13	11	5
50/ 49	.1	.3	.5	.2	.1													11	11	12	5
48/ 47	.1	1.5	1.4	.5		.1												31	31	11	8
46/ 45		1.0	3.0	.7	.5													50	50	26	19
44/ 43	.1	1.2	3.5	.8	.5	.1												53	53	30	21
42/ 41	.2	1.3	1.5	1.3	.1	.2												40	40	40	21
40/ 39	.2	3.0	2.7	2.3	.2	.2												77	77	54	34
38/ 37	.8	3.0	3.9	1.8	.3													86	86	57	38
36/ 35	.5	3.1	3.1	1.6	.5													76	76	74	53
34/ 33	.2	3.3	4.2	1.4														79	79	76	47
32/ 31	.2	2.9	2.2	.7	.1													53	53	81	40
30/ 29	.5	3.8	2.4	.6														63	63	91	58
28/ 27	1.5	5.4	3.1	.3														90	90	68	115
26/ 25	1.2	3.3	.6															44	44	60	66
24/ 23	.8	1.5																20	20	59	62
22/ 21	.5	1.2	.1															15	15	18	62
20/ 19	.5	.5	.2															10	10	13	50
18/ 17		1.2	.1															11	11	10	44
16/ 15		1.2	.1															11	11	15	38
14/ 13		.3																3	3	5	15
12/ 11	.1	.1																2	2	4	21
10/ 9	.3	.2																5	5	4	24
8/ 7																				1	5
6/ 5																					7
4/ 3																					1
2/ 1																					1
0/ -1																					2
-8/ -9																					1
TOTAL	8.2	40.6	34.3	13.7	2.4	.7												966	966	866	866

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.	4905561	64031	73.9	14.068	866							
Dry Bulb	1134571	30421	35.1	8.731	866		35.1					93
Wet Bulb	962538	27998	32.3	8.143			48.2					93
Dew Point	721617	23551	27.2	9.685	866	.3	65.9					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

2

PSYCHROMETRIC SUMMARY

4324 STATION — KUNSAN AB KOREA STATION NAME — 67-76 YEARS — DEC MONTH

PART 1 — 1200-1400 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.2													2	2		
62/ 61				.2	.3													5	5		
60/ 59				.6														5	5		
58/ 57		.1	.2	.7	.3													12	12		
56/ 55		.3	1.0	.3														15	15	8	
54/ 53		.1	.9	.6	.5	.1												19	19	12	1
52/ 51		.2	.5	.6	.7	.3		.1										21	21	19	0
50/ 49		.6	1.4	1.5	.5	.1	.1											36	36	18	12
48/ 47		.7	1.7	2.5	.3	.1	.1											48	48	15	19
46/ 45	.1	.8	4.9	3.4	1.8	.2	.1											100	100	31	14
44/ 43	.1	.7	2.6	2.8	.9	.2												65	65	54	22
42/ 41		.5	2.3	2.4	.9	.2												55	55	97	12
40/ 39	.1	2.3	3.5	4.1	1.0	.1												96	96	64	37
38/ 37	.2	1.7	3.6	2.4	1.0	.1												80	80	76	48
36/ 35		1.6	2.6	2.7	.7	.1												68	68	87	63
34/ 33	.2	.9	1.9	1.7	.3													45	45	110	76
32/ 31	.2	2.2	1.9	1.1	.2													50	50	70	42
30/ 29	.3	2.2	1.8	.7														49	49	71	70
28/ 27	1.4	3.2	1.2	.2														53	53	61	97
26/ 25	.6	1.0	.3	.1														18	18	57	81
24/ 23	.1	1.1	.2															13	13	24	55
22/ 21	.3	.3	.2															8	8	13	51
20/ 19		.6																5	5	6	42
18/ 17		.5																4	4	9	44
16/ 15	.3	.6																8	8	9	28
14/ 13																				1	18
12/ 11																					16
10/ 9	.1																	1	1	1	14
8/ 7																					6
6/ 5																					3
4/ 3																					1
2/ 1																					3
TOTAL	4.8	22.0	32.8	28.5	9.7	1.7	.3	.1										883		883	883

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.	4183532	59378	67.2	14.701	883							
Dry Bulb	1424599	34601	39.2	8.828	883		22.0					93
Wet Bulb	1148914	31054	35.2	8.024	883		33.9					93
Dew Point	806583	25285	28.6	9.674	883		60.1					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 77

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 KUNSAN AB KOREA 67-76 DEC
STATION STATION NAME YEARS 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	Wet Bulb	Dew Point
82/ 81					.5													4		4		
80/ 79				.1														1		1		
78/ 77		.3	.3	.1														7		7		
76/ 75		.5	.6	.2	.1													12		12	3	
74/ 73		.7	.9	.3	.6													22		22	14	3
72/ 71	.1	.9	.6	.3	.8													22		22	15	11
70/ 69		.7	.6	1.0	.1		.2											23		23	19	10
68/ 67		1.1	1.3	.9	.6													34		34	13	15
66/ 65		1.3	4.7	3.4	1.9	.1												100		100	35	20
64/ 63		.3	3.0	5.3	1.0	.1												85		85	29	16
62/ 61	.1	.8	2.9	2.5	.9	.1												64		64	63	15
60/ 59	.1	1.7	4.6	3.4	1.0													95		95	62	29
58/ 57	.3	1.1	4.8	3.4	.8	.1												93		93	103	43
56/ 55	.1	.9	3.8	2.7	.5													70		70	84	55
54/ 53		1.7	2.1	1.8	.2													51		51	102	58
52/ 51	.1	1.7	1.8	1.1	.2													44		44	95	35
50/ 49	.3	2.4	2.2	.8														50		50	61	76
48/ 47	1.0	2.1	1.0															41		41	70	133
46/ 45		.9	.6	.1														14		14	44	83
44/ 43	.3	1.8	.3															22		22	23	48
42/ 41	.3	.6																9		8	19	51
40/ 39	.2	.3																5		5	10	61
38/ 37		.1																1		1	3	39
36/ 35	.2	.2																4		5	5	24
34/ 33		.3																3		3	1	15
32/ 31		.1																1		1	3	8
30/ 29																						17
28/ 27																						7
26/ 25																						1
24/ 23																						1
TOTAL	4.0	22.7	35.8	27.7	9.0	.5	.2													877		876
																		876			876	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4109107	59309	67.7	14.090	876							
Dry Bulb	1379395	34017	38.8	8.272	877		20.6					93
Wet Bulb	1119803	30573	34.9	7.663	876		35.5					93
Dew Point	788757	24939	28.5	9.314	876		63.6					93

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43212 STATION | KUNSAN AB KOREA STATION NAME | 67-72 YEARS | DEC MONTH

PART I 1000-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57				.1														1	1		
56/ 55		.2	.1															3	3	1	
54/ 53	.1	.7	.6	.1														13	13	7	3
52/ 51	.1	.9	1.7	.1	.3													28	28	6	7
50/ 49	.2	.3	.7	.2														13	13	23	10
48/ 47	.1	.7	.6	.8														21	21	12	11
46/ 45		1.8	3.6	.5	.2	.1												54	54	18	18
44/ 43	.1	1.4	3.8	2.5	.5													72	72	33	11
42/ 41		1.5	3.1	1.3	.1													52	52	43	13
40/ 39		3.7	4.4	2.8	.3													97	96	48	34
38/ 37	.2	2.3	4.7	2.3		.1												99	99	96	48
36/ 35	.1	2.0	5.1	3.8	.3													99	98	80	53
34/ 33	.3	3.0	2.9	2.3														74	74	103	59
32/ 31	.3	2.5	2.6	1.0														57	57	114	43
30/ 29	.2	2.6	3.7	1.0														66	66	68	73
28/ 27	1.0	3.9	1.1															53	53	59	120
26/ 25	.2	1.4	.2															16	16	77	75
24/ 23	.7	2.0	.1															24	24	30	46
22/ 21	.3	1.1																13	13	16	54
20/ 19	.6	.5																9	9	16	81
18/ 17		.6																5	5	4	35
16/ 15	.3	.2																5	5	9	26
14/ 13	.3	.2																5	6	5	18
12/ 11	.1	.1																2	2	2	12
10/ 9	.1																	1	1	1	15
8/ 7																					3
TOTAL	6.3	33.6	39.2	18.8	1.8	.2												871	873	871	871

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.	4754729	63307	72.7	13.278	871							
Dry Bulb	1215528	31818	36.4	8.004	873		27.4					93
Wet Bulb	1023099	29111	33.4	7.591	871		42.8					93
Dew Point	761197	24509	28.1	9.068	871		64.5					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

4221 — STATION
KUNSAN AB, KOREA — STATION NAME
67-76 — YEARS
DEC — MONTH

PART 1 — HOURS 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 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	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55			.1															1	1		
54/ 53	.3		.3	.2														12	12	3	3
52/ 51	.2	.8	.6															14	14	4	2
50/ 49		.7	.6	.2														13	13	21	7
48/ 47	.1	.9	.5	.1														14	14	14	10
46/ 45	.3	1.6	3.1	.6														40	40	13	24
44/ 43	.1	1.7	2.0	1.0														43	43	20	15
42/ 41	.2	1.2	2.5	1.4														50	50	48	16
40/ 39	.1	4.8	3.6	2.6	.3													101	101	40	21
38/ 37	1.7	3.3	3.5	1.8	.1													92	93	64	39
36/ 35	.3	2.7	4.2	1.9	.2													83	83	77	74
34/ 33	.1	3.6	5.3	2.4														101	102	99	44
32/ 31	.1	4.2	1.7	.3														61	61	112	42
30/ 29	.3	2.9	3.4	.9														68	68	94	70
28/ 27	1.5	5.9	1.8	.1														82	82	57	126
26/ 25	.6	1.8	.7															27	27	83	77
24/ 23	.3	1.5	.1															17	17	32	55
22/ 21	.2	1.5	.1															18	18	22	64
20/ 19	.5	.9																12	13	17	60
18/ 17	.2	.8																9	10	13	46
16/ 15	.3	.6																9	9	12	34
14/ 13	.2	.1																3	5	4	20
12/ 11	.1	.1																2	2	2	19
10/ 9	.1																	1	1	1	14
8/ 7																					3
6/ 5																					1
TOTAL	8.7	41.8	34.0	14.2	.7														888		882
																	882			882	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5120546	66154	75.0	13.421	882							
Dry Bulb	1142044	31072	35.0	7.860	888		32.8					93
Wet Bulb	975952	28594	32.4	7.454	882		48.4					93
Dew Point	741968	24330	27.6	8.906	882		66.7					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

47217 KUNSAN AB KOREA 67-76 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.0													2	2		
62/ 61				.0	.1													9	9		
60/ 59				.1	.0													0	9		
58/ 57		.1	.1	.2	.0													23	23		
56/ 55		.2	.3	.1	.0													39	39	13	
54/ 53	.1	.2	.6	.2	.1	.0												89	89	43	12
52/ 51	.2	.5	.6	.2	.2	.0		.0										122	122	65	38
50/ 49	.1	.9	.6	.4	.1	.0	.0											153	153	137	71
48/ 47	.1	1.1	.8	.6	.1	.0	.0											193	193	111	103
46/ 45	.1	1.5	3.2	1.3	.6	.1	.0											474	475	176	153
44/ 43	.1	1.1	2.7	1.8	.4	.1												423	423	217	131
42/ 41	.2	1.6	2.1	1.2	.3	.1												377	377	348	99
40/ 39	.4	2.9	3.1	2.4	.4	.1												650	651	430	225
38/ 37	1.2	2.5	3.7	1.7	.4	.0												665	667	580	331
36/ 35	.4	2.3	3.4	1.8	.3	.0												582	582	590	464
34/ 33	.4	3.6	3.6	1.6	.1													648	649	775	428
32/ 31	.4	3.2	2.2	.9	.1													473	476	734	339
30/ 29	.7	4.1	2.7	.6														563	563	670	542
28/ 27	2.1	5.3	1.9	.1														680	681	650	476
26/ 25	.6	2.2	.6	.0														236	237	590	604
24/ 23	.7	1.7	.2															176	176	320	441
22/ 21	.6	1.1	.1															122	122	184	481
20/ 19	.6	.6	.0															87	96	119	477
18/ 17	.2	.6	.0															56	63	66	346
16/ 15	.4	.7	.0															80	96	102	291
14/ 13	.2	.2																28	33	33	135
12/ 11	.1	.2																21	22	26	123
10/ 9	.2	.0																16	16	16	134
8/ 7	.0																	1	1	2	49
6/ 5		.0																1	1		21
4/ 3																				1	4
2/ 1																					0
0/ -1																					2
-2/ -3																					1

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4321 KUNSAN AB KOREA 67-76 DEC
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS (LST)

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. Dry Bulb	TOTAL Wet Bulb Dew Point
-67 -9																			
TOTAL	2.9	38.0	32.4	15.3	3.2	.4	.1	.0										7036	6998
																	6998	6998

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.	32954211	519221	74.2	14.297	6998							
Dry Bulb	9383704	249738	35.5	8.293	7036		272.1					744
Wet Bulb	7949331	229141	32.7	7.897	6998		373.5					744
Dew Point	5968198	193862	27.7	9.243	6998	.4	525.5					744

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

2

PSYCHROMETRIC SUMMARY

4321 — [illegible] A[illegible] BU[illegible] — 7-11 — ALL

STATION NAME — YEARS — MONTH

PANAMA — 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
1[illegible] [illegible]								.0	.0									2	2		
88/ 87							.0		.0									2	2		
86/ 85								.0	.0									11	11		
84/ 83						.0	.0	.0	.0									36	36		
82/ 81					.0	.0	.0	.1	.0	.0	.0							150	150		
80/ 79				.0	.0	.0	.1	.1	.1	.0	.0							412	412		
78/ 77			.0	.1	.3	.3	.2	.0	.0	.0								775	775		
76/ 75		.0	.2	.2	.3	.2	.1	.0	.0		.0							874	876	13	
74/ 73	.0	.0	.4	.7	.4	.2	.1	.0	.0	.0	.0							1551	1554	124	16
72/ 71	.0	.3	1.1	1.7	.5	.3	.2	.0	.0	.0	.0	.0	.0					3529	3531	576	290
70/ 69	.0	.9	1.3	1.0	.3	.4	.1	.1	.0	.0	.0	.0						2875	2876	1592	896
68/ 67	.0	.4	.7	.5	.4	.2	.1	.0	.0	.0	.0							2021	2021	2614	1402
66/ 65	.2	.9	.8	.7	.5	.2	.1	.1	.0	.0	.0	.0						2926	2927	3603	2077
64/ 63	.2	.7	.5	1.1	.4	.2	.2	.1	.0	.0	.0							2817	2825	2727	3293
62/ 61	.2	.4	1.0	.8	.5	.3	.2	.1	.0	.0	.0							2948	2948	2606	2399
60/ 59	.2	.4	1.0	.5	.5	.4	.1	.1	.0	.0								3229	3230	2232	2482
58/ 57	.1	.3	1.2	.4	.5	.2	.1	.1	.0	.0								2482	2439	2161	1918
56/ 55	.2	1.0	.8	.7	.4	.2	.2	.0	.0	.0		.0						2934	2937	3192	2700
54/ 53	.3	1.5	1.1	1.4	.5	.5	.1	.0	.0	.0		.0						4556	4567	3250	4526
52/ 51	.2	.8	.9	.7	.5	.2	.1	.0	.0		.0	.0						2785	2787	3224	2739
50/ 49	.1	.6	.7	.5	.3	.1	.1	.0	.0		.0							2059	2060	3027	2207
48/ 47	.2	.9	.8	.7	.3	.2	.1	.0	.0	.0	.0							2714	2715	3135	2750
46/ 45	.1	.9	.7	.7	.3	.2	.0	.0	.0									2500	2500	2840	2760
44/ 43	.2	.7	.9	.7	.4	.1	.0	.0										2504	2505	3052	2751
42/ 41	.2	.7	1.1	.4	.3	.1	.0	.0										2394	2394	2608	2797
40/ 39	.1	.7	.0	.5	.2	.1	.0	.0										1799	1799	2971	2213
38/ 37	.2	1.1	.6	.5	.2	.1	.0	.0										2192	2193	2406	2567
36/ 35	.3	1.4	1.8	.6	.4	.1	.0											3963	3973	2609	4022
34/ 33	.3	.7	1.2	.6	.2	.0	.0											2694	2695	2567	2495
32/ 31	.2	.6	.8	.4	.1	.0												1885	1885	2548	1775
30/ 29	.3	1.4	1.1	.7	.1	.0												3011	3016	2705	2435
28/ 27	.3	1.1	1.6	.5	.1	.0												3096	3104	3127	2505
26/ 25	.2	1.2	1.4	.7	.1	.0												2896	2898	2770	2767
24/ 23	.2	1.1	1.4	.6	.0													2720	2725	3665	2566

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

FORM 0-26 3 CL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4224 STATION | KUNSAN AB KOREA STATION NAME | 7-11 YEARS | ALL MONTH

PART C | ALL HOURS

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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
32/ 31	.1	1.1	.3	.3	.0	.0												194	1752	2957	1715
30/ 29	.2	1.3	1.0	.2	.0	.0												224	2240	2094	2074
28/ 27	.4	1.8	.8	.1	.0													253	2304	2411	2140
26/ 25	.1	.6	.3	.0														1032	1033	2307	2201
24/ 23	.1	.5	.2	.0														602	602	1234	1697
22/ 21	.2	.4	.1															544	545	709	1953
20/ 19	.1	.3	.1															405	409	534	1783
18/ 17	.1	.2	.1															283	290	398	1466
16/ 15	.1	.2	.0															249	254	388	1109
14/ 13	.1	.1	.0															81	80	191	549
12/ 11	.1	.1																93	92	93	562
10/ 9	.1	.0	.0															77	77	87	603
8/ 7	.0																	5	5	17	239
6/ 5	.0	.0																4	4	2	159
4/ 3																				2	101
2/ 1																					51
0/ -1																					26
-2/ -3																					11
-6/ -7																					1
-8/ -9																					0
TOTAL	6.3	27.3	29.6	19.3	9.3	4.7	2.2	.6	.3	.1	.0	.0	.0	.0				8345		8358	8356

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.	49203405	6297269	75.5	14.223	8345							
Dry Bulb	28408452	4631636	55.4	16.117	8353		1095.0	2792.7	1891.0	836.3	5.3	8760
Wet Bulb	24430152	4285828	51.4	17.032	8358		1524.6	2062.3	1197.5	143.0		8760
Dew Point	21618220	3954804	47.4	18.269	8356	1.7	2317.0	1618.6	902.7	37.9		8760

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES (DEG F) FOR GMT OBSERVATIONS

432[illegible] KUNSAN AB, KOREA 7-77

STATION NAME

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	29.7	32.4	37.7	49.3	59.5	[illegible]	75.3	78.1	[illegible]	[illegible]	50.3	44.4	54.1	52.7
	S D	7.260	6.799	5.929	6.255	4.723	4.253	4.533	3.965	6.349	[illegible]	[illegible]	7.052	6.911	17.473
	TOTAL OBS	363.	795.	863.	916.	959.	894.	877.	891.	907.	949.	926.	839.	10594.
03-05	MEAN	28.6	31.1	36.4	47.9	57.2	66.7	74.4	77.2	67.3	[illegible]	[illegible]	43.1	53.9	51.6
	S D	7.634	6.992	6.088	6.393	4.925	4.157	4.657	4.107	6.118	[illegible]	[illegible]	7.464	6.940	17.573
	TOTAL OBS	862.	785.	868.	912.	901.	896.	881.	867.	907.	[illegible]	[illegible]	907.	891.	10 946.
06-08	MEAN	27.9	30.6	36.6	49.3	59.4	67.6	75.6	78.1	67.2	[illegible]	[illegible]	42.8	52.3	52.2
	S D	7.913	7.175	6.298	6.673	5.439	4.208	5.131	4.501	7.100	[illegible]	[illegible]	7.270	7.449	18.331
	TOTAL OBS	846.	785.	841.	904.	939.	941.	874.	867.	907.	[illegible]	[illegible]	939.	899.	10 871.
09-11	MEAN	30.9	34.1	41.9	55.6	64.9	72.1	79.2	82.4	74.7	[illegible]	[illegible]	47.9	55.1	57.1
	S D	8.115	6.967	6.783	6.774	5.705	4.544	5.484	4.753	6.905	[illegible]	[illegible]	8.139	7.751	19.700
	TOTAL OBS	827.	756.	842.	903.	942.	932.	868.	865.	872.	[illegible]	[illegible]	[illegible]	[illegible]	10 819.
12-14	MEAN	35.3	37.9	45.2	56.1	66.9	[illegible]	81.2	84.[illegible]	75.9	63.7	52.1	39.2	60.1	
	S D	7.805	7.384	7.136	6.802	5.883	4.653	5.992	4.574	5.447	[illegible]	8.372	[illegible]	[illegible]	
	TOTAL OBS	859.	781.	849.	921.	949.	932.	859.	866.	909.	949.	949.	868.	10 439.	
15-17	MEAN	35.9	37.5	44.0	56.5	66.6	[illegible]	80.5	84.[illegible]	76.3	64.6	51.2	38.9	59.3	
	S D	7.513	7.107	6.756	6.601	5.401	4.551	5.599	4.532	5.314	[illegible]	7.901	[illegible]	17.827	
	TOTAL OBS	832.	775.	844.	911.	939.	943.	875.	881.	955.	901.	949.	877.	10 314.	
18-20	MEAN	32.6	35.0	42.4	52.[illegible]	[illegible]	[illegible]	77.9	81.[illegible]	72.4	60.[illegible]	47.8	36.4	56.1	
	S D	7.067	6.401	6.168	6.394	4.972	4.174	4.940	4.054	5.351	5.956	7.452	[illegible]	17.562	
	TOTAL OBS	858.	783.	843.	913.	960.	952.	888.	882.	75.	884.	852.	879.	10 469.	
21-23	MEAN	31.3	33.7	38.6	50.[illegible]	[illegible]	[illegible]	76.1	79.[illegible]	[illegible]	[illegible]	45.7	35.[illegible]	54.1	
	S D	7.043	6.181	5.756	5.955	4.547	3.882	4.592	3.904	5.681	6.215	7.541	7.801	17.330	
	TOTAL OBS	860.	771.	857.	914.	959.	943.	890.	883.	867.	397.	802.	868.	10 517.	
ALL HOURS	MEAN	31.5	34.[illegible]	40.1	52.5	61.[illegible]	[illegible]	77.5	80.[illegible]	71.[illegible]	59.[illegible]	46.9	35.5	55.4	
	S D	7.995	7.324	7.110	7.410	6.217	5.153	5.724	5.094	6.939	7.624	8.469	8.593	18.117	
	TOTAL OBS	6813	6251	6807	7300	7603	7791	7012	7084	6334	7154	6790	7036	85593	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

[illegible] TIONS BEGUN [illegible] OBSERVATIONS

43214 KOKSAN AB KOREA 7-77

STATION NAME YEARS

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	27.3	31.2	35.3	46.3	55.4	63.4	72.0	74.6	65.7	54.[illegible]	41.8	31.9	50.0
	S.D	6.896	6.705	6.126	6.223	4.768	3.93[illegible]	4.457	3.540	6.206	6.432	7.420	7.[illegible]10	18.97[illegible]
	TOTAL OBS	863	794	861	916	959	9[illegible]3	877	891	87[illegible]	9[illegible]2	856	891	10531
03-05	MEAN	26.[illegible]	29.9	34.1	45.4	54.5	63.[illegible]	71.5	74.[illegible]	64.4	51.[illegible]	40.7	31.2	49.1
	S.D	7.242	7.[illegible]13	6.280	6.314	4.926	4.[illegible]52	4.317	3.632	6.506	6.75[illegible]	7.615	7.543	17.125
	TOTAL OBS	861	784	868	916	961	9[illegible]4	881	887	9[illegible]5	90[illegible]	867	867	10525
06-08	MEAN	26.2	29.7	34.3	46.3	55.8	64.[illegible]	72.0	74.3	64.6	51.7	40.3	30.5	49.4
	S.D	7.513	7.180	6.323	6.456	5.071	4.[illegible]13	4.560	3.761	6.456	6.[illegible]56	7.765	7.9[illegible]7	17.573
	TOTAL OBS	842	785	839	904	939	9[illegible]4	871	889	8[illegible]9	[illegible]	839	862	10359
09-11	MEAN	28.4	31.1	37.8	49.9	59.7	[illegible].[illegible]	73.8	75.[illegible]	67.5	55.[illegible]	44.6	32.3	52.1
	S.D	7.623	6.967	6.551	6.163	4.715	3.84[illegible]	4.715	3.701	5.[illegible]62	6.227	7.[illegible]63	8.143	17.321
	TOTAL OBS	826	755	840	901	940	9[illegible]1	866	885	[illegible]64	89[illegible]	[illegible]36	866	10300
12-14	MEAN	31.7	33.9	40.0	51.7	59.9	[illegible].[illegible]	74.9	77.1	68.8	57.[illegible]	46.3	35.2	53.[illegible]
	S.D	7.232	7.[illegible]15	6.611	5.858	4.590	3.74[illegible]	4.554	3.616	5.700	6.[illegible]44	7.[illegible]21	8.024	18.630
	TOTAL OBS	859	781	848	921	949	9[illegible]	859	885	857	884	849	884	10425
15-17	MEAN	31.[illegible]	33.7	39.4	50.7	59.[illegible]	66.[illegible]	74.7	76.[illegible]	68.6	57.[illegible]	45.[illegible]	34.9	53.[illegible]
	S.D	7.[illegible]16	6.772	6.384	5.797	4.546	3.76[illegible]	4.469	3.41[illegible]	5.618	6.[illegible]1[illegible]	7.504	7.[illegible]63	18.50[illegible]
	TOTAL OBS	834	774	844	911	939	9[illegible]2	875	881	850	89[illegible]	828	876	10360
18-20	MEAN	30.1	32.[illegible]	37.2	48.5	57.[illegible]	[illegible].[illegible]	73.3	75.[illegible]	67.2	55.[illegible]	44.[illegible]	33.4	51.[illegible]
	S.D	6.793	6.[illegible]16	6.321	5.938	4.[illegible]29	3.85[illegible]	4.359	3.[illegible]89	5.[illegible]63	6.[illegible]9[illegible]	7.570	7.591	16.[illegible]60[illegible]
	TOTAL OBS	854	783	841	911	958	[illegible]5[illegible]	868	88[illegible]	[illegible]74	886	852	871	10455
21-23	MEAN	29.[illegible]	31.2	36.[illegible]	47.2	56.3	[illegible].[illegible]	72.5	74.[illegible]	66.1	54.[illegible]	42.6	32.4	50.[illegible]
	S.D	6.712	6.393	5.993	5.947	4.611	3.87[illegible]	4.337	3.551	6.[illegible]12	6.285	7.581	7.454	16.74[illegible]
	TOTAL OBS	857	799	856	914	959	9[illegible]2	890	88[illegible]	[illegible]65	89[illegible]	862	882	10502
ANN HOURS	MEAN	29.[illegible]	31.2	36.7	48.2	57.1	[illegible].[illegible]	73.1	75.4	66.6	54.4	43.1	32.7	51.4
	S.D	7.403	7.052	6.658	6.401	5.[illegible]75	4.10[illegible]	4.624	3.756	6.[illegible]15	6.66[illegible]	7.925	7.897	17.034
	TOTAL OBS	6796	6246	6797	7294	7604	[illegible]792	7007	7083	6[illegible]15	7137	6769	699[illegible]	83456

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-POINT TEMPERATURES DEG F FOR HOURLY OBSERVATIONS

43217 KUNSAN AB KOREA 7-77
WBAN STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN'L
00-02	MEAN	23.4	25.4	31.3	43.1	52.8	[illegible]1	70.5	73.1	[illegible]3.6	[illegible]4.3	[illegible]2.4	27.7	[illegible]7.0
	S D	8.208	9.097	8.213	7.702	5.748	4.728	4.994	3.956	[illegible]6.835	7.[illegible]62	8.873	[illegible]9.[illegible]61	10.438
	TOTAL OBS	363	774	801	916	959	852	877	891	[illegible]878	[illegible]99	856	891	10531
03-05	MEAN	22.4	24.2	30.2	42.5	52.3	[illegible]1.3	70.1	72.6	[illegible]2.6	[illegible]9.[illegible]	37.5	27.2	46.3
	S D	8.564	9.268	8.384	7.590	5.825	4.849	4.692	3.961	6.991	7.627	8.987	[illegible]9.[illegible]11	10.562
	TOTAL OBS	861	784	866	916	961	896	881	887	[illegible]908	901	867	[illegible]907	10525
06-08	MEAN	24.[illegible]	24.1	30.4	43.0	53.0	[illegible]1.2	70.3	72.7	62.7	[illegible]8.[illegible]	37.9	26.6	46.4
	S D	8.709	9.415	8.266	7.348	6.067	4.746	4.911	4.101	[illegible]7.[illegible]38	[illegible]8.[illegible]31	9.167	[illegible]9.[illegible]49	10.901
	TOTAL OBS	842	765	839	904	939	840	871	889	859	[illegible]95	839	862	10359
09-11	MEAN	23.[illegible]	25.2	31.6	44.1	54.1	[illegible]2.[illegible]	71.3	73.2	[illegible]3.8	59.3	38.4	27.2	47.5
	S D	9.239	9.637	8.961	8.542	6.566	5.124	5.093	4.275	7.581	[illegible]8.[illegible]99	10.112	[illegible]9.[illegible]65	10.965
	TOTAL OBS	826	755	840	901	940	831	866	865	904	[illegible]99	836	866	10300
12-14	MEAN	25.[illegible]	26.[illegible]	32.8	45.[illegible]	54.8	[illegible]3.2	72.2	73.[illegible]	64.2	[illegible]9.[illegible]	39.6	28.6	48.3
	S D	9.[illegible]75	9.525	8.[illegible]35	[illegible].035	6.592	4.999	4.906	4.468	7.645	[illegible]3.[illegible]04	9.937	9.674	10.594
	TOTAL OBS	859	781	848	921	949	[illegible]85	859	885	[illegible]857	884	849	883	10429
15-17	MEAN	25.7	27.1	32.8	45.[illegible]	54.4	[illegible]2.[illegible]	72.1	73.[illegible]	64.1	[illegible]9.[illegible]	39.8	29.5	48.4
	S D	8.905	9.123	8.494	7.706	6.366	[illegible].032	4.823	4.083	7.[illegible]28	7.[illegible]71	9.717	[illegible]9.[illegible]14	10.348
	TOTAL OBS	834	774	844	911	939	842	875	881	850	[illegible]99	828	876	10360
18-20	MEAN	24.[illegible]	26.4	32.2	44.[illegible]	53.7	[illegible]2.[illegible]	71.2	73.3	63.9	[illegible]0.[illegible]	39.4	28.1	47.[illegible]
	S D	[illegible].502	8.825	8.407	7.571	6.017	4.972	4.816	4.091	6.985	7.[illegible]71	9.542	[illegible]9.[illegible]08	10.293
	TOTAL OBS	854	783	841	911	953	[illegible]56	888	882	874	886	852	871	10456
21-23	MEAN	24.2	26.[illegible]	31.9	43.6	[illegible]3.4	[illegible]1.7	70.8	73.[illegible]	63.5	[illegible]0.[illegible]	38.6	27.6	[illegible]7.[illegible]
	S D	8.249	[illegible].908	8.003	7.591	5.778	4.907	4.858	4.022	7.203	7.[illegible]3[illegible]	9.200	[illegible]9.[illegible]06	10.311
	TOTAL OBS	857	790	856	914	959	842	890	883	865	895	802	882	10502
ALL HOURS	MEAN	23.8	25.7	31.6	43.9	[illegible]3.6	[illegible]2.[illegible]	71.1	73.[illegible]	63.5	[illegible]0.[illegible]	38.6	27.7	47.4
	S D	8.768	9.291	8.496	7.884	6.174	4.959	4.940	4.151	7.224	7.9[illegible]5	9.496	9.243	10.569
	TOTAL OBS	6796	[illegible]246	[illegible]797	7294	7604	[illegible]79[illegible]	7007	7083	6915	7137	6789	6998	83450

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

47219 KUNSAN AB KOREA -77 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	100.0	100.0	100.0	99.[illegible]	91.[illegible]	70.[illegible]	[illegible]3.2	2[illegible].[illegible]	77.[illegible]	864
	03-05	100.0	100.0	100.0	99.9	[illegible]8.5	94.7	69.8	47.9	19.4	7[illegible].3	861
	06-08	100.0	100.0	100.0	100.0	[illegible]8.[illegible]	93.0	71.5	45.1	20.[illegible]	78.4	842
	09-11	100.0	100.0	100.0	99.9	95.[illegible]	81.[illegible]	57.3	31.[illegible]	13.4	73.5	826
	12-14	100.0	100.0	100.0	99.[illegible]	88.4	65.[illegible]	37.4	17.6	5.7	67.2	851
	15-17	100.0	100.0	100.0	98.4	92.[illegible]	73.1	39.0	20.7	7.0	68.7	834
	18-20	100.0	100.0	100.0	100.0	97.1	86.2	53.0	29.[illegible]	10.4	73.4	854
	21-23	100.0	100.0	100.0	100.0	98.[illegible]	88.9	60.[illegible]	[illegible]5.8	14.1	75.6	857
	TOTALS	100.0	100.0	100.0	99.7	96.[illegible]	84.2	57.3	33.8	13.6	74.1	6796

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

47219 KORSAN AB KOREA --77 FEB
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%		
FEB	00-02	100.0	100.0	100.0	99.9	96.2	85.3	64.7	41.3	16.4	76.1	754
	03-05	100.0	99.9	99.9	99.9	97.1	86.6	64.7	43.1	19.9	76.7	764
	06-08	100.0	100.0	100.0	99.9	96.7	87.6	66.6	45.6	21.8	77.5	765
	09-11	100.0	100.0	99.7	97.5	90.0	73.9	47.9	28.4	14.7	71.2	755
	12-14	100.0	100.0	99.6	96.0	83.5	60.7	34.6	19.6	9.3	66.0	781
	15-17	100.0	100.0	99.5	96.1	85.8	67.1	36.3	20.0	8.4	67.3	774
	18-20	100.0	100.0	100.0	99.5	92.8	77.4	52.0	29.6	11.2	71.9	783
	21-23	100.0	100.0	100.0	99.7	94.7	81.1	57.1	38.0	16.3	74.4	790
	TOTALS	100.0	100.0	99.8	98.6	92.2	77.5	53.0	33.2	15.0	72.6	6246

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KOREA ..-77 MAR
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%		
MAR	00-02	100.0	100.0	100.0	100.0	98.7	89.2	68.4	47.3	22.4	78.4	861
	03-05	100.0	100.0	100.0	99.9	97.7	88.7	71.4	50.9	26.8	79.2	868
	06-08	100.0	100.0	100.0	99.8	97.3	89.4	70.4	51.5	24.7	79.0	839
	09-11	100.0	100.0	99.5	96.9	86.7	67.7	42.0	22.7	9.6	68.3	840
	12-14	100.0	100.0	99.6	95.8	79.4	55.2	28.2	12.6	5.5	63.3	848
	15-17	100.0	100.0	99.6	98.8	85.7	60.4	34.2	16.0	7.2	66.0	844
	18-20	100.0	100.0	100.0	100.0	95.6	82.0	50.9	32.1	11.9	73.2	841
	21-23	100.0	100.0	100.0	100.0	98.8	88.8	65.2	44.0	20.7	77.4	856
	TOTALS	100.0	100.0	99.8	99.9	92.5	77.7	53.8	34.6	16.1	73.1	6797

USAFETAC FORM 0-87-5 (OL A)
JUL 84

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KOREA — 77 — APR
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%		
APR	00-02	100.0	100.0	100.0	99.2	97.8	92.5	78.2	50.7	23.7	80.0	916
	03-05	100.0	100.0	100.0	99.5	98.[illegible]	93.6	83.6	58.3	26.4	82.1	916
	06-08	100.0	100.0	100.0	99.0	96.7	90.7	78.9	51.2	23.8	79.0	904
	09-11	100.0	100.0	98.6	93.7	84.7	64.5	45.3	22.9	8.9	67.3	901
	12-14	100.0	100.0	98.3	92.1	79.8	58.5	39.2	18.5	8.9	65.2	921
	15-17	100.0	100.0	99.5	95.4	84.0	64.8	42.4	20.7	8.8	67.1	911
	18-20	100.0	100.0	99.8	98.9	93.1	79.8	60.6	30.6	14.4	73.3	911
	21-23	100.0	100.0	99.9	99.5	97.6	88.5	71.3	43.5	19.5	77.7	914
	TOTALS	100.0	100.0	99.5	97.2	91.4	79.1	62.5	37.1	17.1	74.1	7294

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KOREA 67-77 MAY
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%		
MAY	00-02	100.0	100.0	100.0	100.0	99.2	96.7	87.5	55.7	22.8	81.9	959
	03-05	100.0	100.0	100.0	99.9	99.3	97.2	90.5	64.8	29.8	84.3	961
	06-08	100.0	100.0	100.0	99.4	97.2	93.6	82.1	53.2	21.5	80.7	939
	09-11	100.0	100.0	99.0	94.3	88.2	71.5	50.9	25.6	9.1	69.9	940
	12-14	100.0	100.0	98.1	93.4	84.5	66.8	46.5	22.6	7.3	67.3	949
	15-17	100.0	100.0	99.3	95.8	88.2	70.5	49.9	22.5	7.3	69.0	939
	18-20	100.0	100.0	99.9	99.6	96.3	85.0	66.7	34.9	12.7	75.1	958
	21-23	100.0	100.0	100.0	99.9	99.1	94.4	80.0	46.9	16.7	79.5	959
TOTALS		100.0	100.0	99.5	97.8	94.0	84.5	69.3	40.8	15.9	76.0	7604

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KOREA — STATION / STATION NAME

7-76 — 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	99.4	97.2	90.2	67.5	26.6	83.8	853
	03-05	100.0	100.0	100.0	100.0	99.9	96.8	90.6	73.3	37.5	85.9	864
	06-08	100.0	100.0	100.0	100.0	99.0	93.9	84.3	60.5	22.3	81.8	840
	09-11	100.0	100.0	100.0	98.9	94.8	80.9	61.4	27.8	6.6	72.6	831
	12-14	100.0	100.0	99.8	98.9	93.8	77.9	52.2	19.2	5.6	70.4	850
	15-17	100.0	100.0	99.6	98.9	94.6	83.0	57.7	24.9	7.5	72.0	849
	18-20	100.0	100.0	99.9	99.8	97.6	91.9	74.9	41.8	13.1	77.5	856
	21-23	100.0	100.0	100.0	99.9	99.1	96.0	86.6	58.8	20.8	81.9	849
	TOTALS	100.0	100.0	99.9	99.6	97.3	89.7	74.7	46.7	17.5	78.2	6792

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KOREA | 67-76 | JUL

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	99.9	99.9	99.9	99.5	95.4	74.5	23.7	85.2	877
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	96.3	78.0	30.4	86.5	881
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	92.5	67.0	22.8	84.1	871
	09-11	100.0	100.0	100.0	100.0	99.2	94.7	74.1	33.8	9.8	77.3	866
	12-14	100.0	100.0	100.0	100.0	98.7	90.8	64.4	25.1	7.0	74.7	859
	15-17	100.0	100.0	100.0	100.0	99.8	94.1	70.6	27.7	7.1	75.9	875
	18-20	100.0	100.0	100.0	100.0	100.0	98.2	85.1	48.2	11.8	80.1	888
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	92.4	66.9	19.4	83.8	890
	TOTALS	100.0	100.0	100.0	100.0	99.7	97.0	83.9	52.7	16.6	81.0	7007

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KOREA — 67-76 — AUG
STATION / STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.8	94.3	71.6	21.5	84.6	891
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	96.6	75.2	26.5	85.7	887
	06-08	100.0	100.0	100.0	100.0	100.0	99.1	91.5	62.7	21.9	83.5	869
	09-11	100.0	100.0	100.0	100.0	99.4	91.3	60.3	26.2	4.7	74.3	885
	12-14	100.0	100.0	100.0	99.7	97.3	82.0	45.3	16.4	2.6	70.2	885
	15-17	100.0	100.0	100.0	99.8	98.4	86.2	50.6	19.8	3.5	71.9	881
	18-20	100.0	100.0	100.0	100.0	99.7	96.1	78.2	39.2	7.1	77.9	882
	21-23	100.0	100.0	100.0	100.0	100.0	98.8	90.8	56.3	14.9	82.0	883
	TOTALS	100.0	100.0	100.0	99.9	99.4	94.1	76.0	45.9	12.8	78.8	7083

USAFETAC FORM JUN 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43214 KUSAN AP KOREA — STATION NAME
67-76 — 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	100.0	100.0	100.0	98.7	90.3	62.9	22.7	83.1	878
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	91.9	69.8	30.8	85.2	868
	06-08	100.0	100.0	100.0	100.0	99.7	97.3	89.3	67.4	27.6	83.8	859
	09-11	100.0	99.8	99.8	99.2	94.9	80.9	58.9	26.4	4.7	72.0	864
	12-14	100.0	99.9	99.8	97.7	87.2	64.1	37.1	13.2	2.2	65.9	857
	15-17	100.0	100.0	100.0	98.9	89.6	68.6	38.2	16.2	2.8	67.0	850
	18-20	100.0	100.0	100.0	99.9	98.1	88.9	64.4	29.5	4.7	73.9	874
	21-23	100.0	99.9	99.9	99.9	99.1	95.3	80.0	47.7	10.2	79.0	865
TOTALS		100.0	100.0	99.9	99.5	96.2	86.7	68.8	41.6	13.2	76.2	6915

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

47219 KUNSAN AB KOREA 67-76 OCT
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%		
OCT	00-02	100.0	99.8	99.8	99.7	98.5	93.9	80.9	47.5	19.2	79.7	892
	03-05	100.0	100.0	100.0	100.0	98.7	95.1	86.3	55.8	26.4	82.2	901
	06-08	100.0	99.8	99.8	99.7	98.3	94.6	84.7	53.5	25.2	81.2	890
	09-11	100.0	100.0	100.0	97.0	86.6	67.4	44.9	19.4	6.9	67.7	893
	12-14	100.0	99.9	99.4	92.6	72.9	41.4	20.4	7.2	2.8	59.3	884
	15-17	100.0	100.0	100.0	96.9	80.9	52.2	25.7	8.8	3.0	62.2	899
	18-20	100.0	100.0	100.0	99.7	95.0	76.0	51.9	20.5	5.9	70.3	886
	21-23	100.0	100.0	100.0	100.0	98.1	87.8	68.3	34.4	9.1	75.3	895
TOTALS		100.0	99.9	99.9	98.2	91.1	76.1	57.9	30.9	12.3	72.2	7137

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

43219 KUNSAN AB KOREA 67-76 V
STATION STATION NAME PERIOD UNIT

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		
IV	00-02	100.0	100.0	100.0	100.0	98.4	91.7	74.1	[illegible]	2[illegible]	[illegible].1	8[illegible]
	03-05	100.0	100.0	100.0	99.9	98.[illegible]	92.5	79.2	[illegible]4.9	3[illegible].4	81.4	867
	06-08	100.0	100.0	100.0	99.9	97.[illegible]	91.1	77.6	[illegible]2.9	29.1	80.[illegible]	839
	09-11	100.0	100.0	99.6	97.2	88.[illegible]	74.0	54.6	[illegible]3.3	12.1	71.4	836
	12-14	100.0	100.0	99.5	94.5	79.[illegible]	54.3	34.6	15.3	5.5	63.8	849
	15-17	100.0	99.9	99.4	97.1	85.4	62.2	39.5	17.9	5.7	66.5	829
	18-20	100.0	100.0	99.9	99.6	95.[illegible]	79.8	58.3	33.2	12.6	73.5	852
	21-23	100.0	100.0	100.0	99.3	96.[illegible]	87.4	66.9	42.6	21.3	77.1	862
	TOTALS	100.0	100.0	99.8	98.5	92.4	79.1	60.6	[illegible]7.2	1[illegible].1	74.3	6789

USAFETAC FORM 0-87-5 (OL A)

[illegible]
FIAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] KUSAN AB KOREA 71-76 DEC
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		
DEC	00-02	100.0	100.0	100.0	99.8	98.7	88.0	70.0	46.1	23.4	78.1	871
	03-05	100.0	100.0	100.0	99.8	99.[illegible]	91.5	71.3	50.3	23.1	79.3	867
	06-08	100.0	100.0	100.0	99.4	98.7	92.9	73.4	51.2	24.7	79.[illegible]	862
	09-11	100.0	100.0	99.7	98.7	94.3	82.4	61.1	35.8	11.7	73.0	866
	12-14	100.0	100.0	99.0	97.2	87.7	66.8	39.3	19.5	7.5	67.2	863
	15-17	100.0	100.0	99.7	96.1	88.7	67.7	39.2	20.0	6.6	67.7	876
	18-20	100.0	100.0	100.0	99.5	95.3	79.9	54.3	28.7	10.0	72.7	871
	21-23	100.0	100.0	100.0	99.8	97.2	83.1	59.8	37.9	14.4	75.0	882
	TOTALS	100.0	100.0	99.8	99.0	95.[illegible]	81.5	58.6	36.3	14.8	74.2	8998

USAFETAC FORM 0-87-5 (OL A)
JUL 64

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

RELATIVE HUMIDITY

43219 [illegible] STATION NAME | -77 PERIOD | ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10	20	30%	40%	50%	60%	70%	80%	90%		
[illegible]	ALL	100.0	100.0	100.0	99.7	96.[illegible]	84.2	67.3	33.8	13.6	74.1	6736
[illegible]		100.0	100.0	99.8	99.6	92.2	77.5	53.0	33.2	15.0	72.6	6246
[illegible]R		100.0	100.0	99.8	99.9	92.3	77.7	53.6	34.6	16.1	73.1	6797
[illegible]R		100.0	100.0	99.5	97.2	91.4	79.1	62.5	37.1	17.1	74.1	7294
[illegible]Y		100.0	100.0	99.5	97.8	94.0	84.5	69.3	40.8	15.9	76.0	7604
[illegible]		100.0	100.0	99.9	99.6	97.3	89.7	74.7	46.7	17.5	78.2	6792
[illegible]L		100.0	100.0	100.0	100.0	99.7	97.0	83.9	52.7	16.6	81.0	7007
[illegible]G		100.0	100.0	100.0	99.9	99.4	94.1	76.0	45.9	12.8	78.8	7083
SEP		100.0	100.0	99.9	99.5	96.2	86.7	68.6	41.6	13.2	76.2	6915
OCT		100.0	99.9	99.9	99.2	91.1	76.1	57.9	30.9	12.3	72.2	7137
[illegible]V		100.0	100.0	99.8	98.5	92.4	79.1	60.6	37.2	16.1	74.3	6789
DEC		100.0	100.0	99.8	99.0	95.0	81.5	56.6	36.3	14.8	74.2	6998
TOTALS		100.0	100.0	99.8	98.9	94.8	83.9	64.7	39.2	15.3	75.4	83458

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

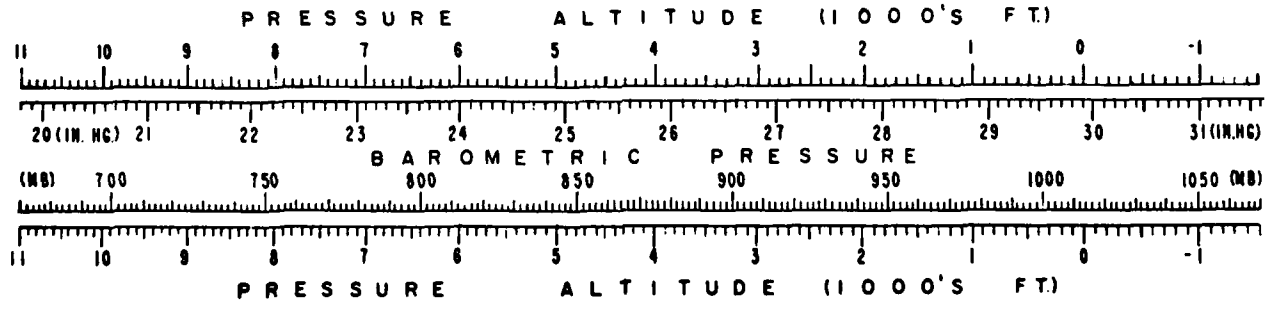
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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

2

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES OF MERCURY FOR HOURLY OBSERVATIONS

4321 KANSAS CITY, MO 7-77
STATION NUMBER YEARS

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
00	MEAN	30.18830	.15530	.09229	.95929	.84229	.72029	.66829	.71629	.85630	.04430	.17130	.19	.95
	S D	.147	.156	.159	.162	.139	.11	.122	.12	.115	.131	.140	.143	.24
	TOTAL OBS	290	282	294	304	323	284	295	29	291	297	289	29	3475
03	MEAN	30.19930	.16730	.10529	.96229	.84529	.73129	.67329	.73529	.87430	.06530	.18330	.20	29.975
	S D	.150	.152	.156	.155	.138	.11	.123	.13	.115	.134	.137	.145	.23
	TOTAL OBS	284	282	274	301	19	282	296	294	290	29	28	29	3469
06	MEAN	30.21330	.18030	.12029	.99929	.85129	.74229	.68929	.74629	.88330	.08130	.19730	.22	29.989
	S D	.148	.154	.159	.167	.142	.122	.121	.130	.116	.13	.140	.145	.23
	TOTAL OBS	289	268	289	304	319	28	292	299	291	297	285	28	3491
09	MEAN	30.20930	.18130	.11829	.98129	.84029	.72829	.67929	.73629	.87730	.08030	.19430	.21	29.984
	S D	.152	.154	.160	.175	.145	.12	.123	.131	.118	.130	.137	.147	.24
	TOTAL OBS	296	271	258	309	321	289	297	301	291	29	290	29	3514
12	MEAN	30.18730	.15830	.09629	.96829	.82829	.72129	.67129	.72929	.86430	.05230	.17130	.19	29.965
	S D	.157	.157	.161	.162	.147	.11	.125	.134	.118	.13	.138	.150	.23
	TOTAL OBS	291	266	283	309	316	281	296	296	290	30	283	27	3478
15	MEAN	30.21330	.17530	.11129	.98029	.82929	.72529	.67529	.73829	.87930	.07330	.19130	.22	29.980
	S D	.153	.156	.161	.159	.149	.11	.127	.137	.120	.141	.136	.149	.24
	TOTAL OBS	285	260	288	299	312	27	288	291	289	29	266	26	3425
18	MEAN	30.21230	.17930	.11329	.98129	.83929	.73329	.68029	.74329	.88730	.07530	.19030	.21	29.983
	S D	.158	.157	.163	.164	.147	.114	.126	.133	.114	.131	.139	.148	.24
	TOTAL OBS	290	263	287	311	312	285	287	295	283	297	287	29	3462
21	MEAN	30.17930	.15130	.09029	.97029	.82429	.72129	.67229	.73029	.86630	.05430	.16530	.19	29.961
	S D	.150	.161	.159	.165	.143	.117	.121	.134	.117	.133	.143	.143	.23
	TOTAL OBS	275	254	277	303	310	28	297	29	284	302	282	256	3418
ALL HOURS	MEAN	30.20030	.16830	.10629	.97729	.83329	.72629	.67429	.73429	.87330	.06430	.18330	.20	29.974
	S D	.153	.156	.160	.164	.144	.119	.124	.132	.117	.13	.139	.147	.23
	TOTAL OBS	2304	2106	2290	2437	2532	2265	2348	2367	2309	238	2290	2102	27732

USAFETAC FORM 0-89-5 (OLA)

2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

432 7

YEARS

HR		MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN		1019.1	1012.3	1006.2	1005.3	1008.3	1012.5	1019.2	1025.5	1025.4	1015.0
	S D		5.924	4.275	3.41	3.408	2.956	3.353	3.342	4.035	3.545	4.324
	TOTAL OBS		30	31	30	31	31	30	31	30	31	275
04	MEAN		1018.9	1012.4	1007.2	1005.4	1008.4	1012.8	1019.4	1025.4	1025.6	1015.0
	S D		5.982	4.224	3.138	3.739	2.867	3.714	3.243	4.553	4.039	4.227
	TOTAL OBS		30	31	30	31	31	30	31	30	31	275
07	MEAN		1019.5	1013.1	1007.4	1005.7	1008.9	1013.5	1020.3	1026.5	1026.0	1015.6
	S D		6.303	4.279	3.182	3.765	3.054	4.125	4.219	5.175	3.945	4.496
	TOTAL OBS		30	31	30	31	31	30	31	30	31	275
10	MEAN		1019.2	1012.9	1007.4	1005.7	1008.7	1013.2	1020.4	1026.1	1025.7	1015.5
	S D		6.480	4.137	3.033	3.506	2.967	3.987	4.038	4.878	3.829	4.337
	TOTAL OBS		30	31	30	31	31	30	31	30	31	275
13	MEAN		1017.8	1011.4	1006.1	1005.1	1008.6	1011.7	1019.2	1024.7	1024.5	1014.4
	S D		6.409	4.076	2.977	3.194	2.895	3.788	3.829	4.750	3.697	4.076
	TOTAL OBS		30	31	30	31	31	30	31	30	31	275
16	MEAN		1017.6	1011.2	1006.3	1004.5	1007.6	1011.8	1019.1	1025.0	1024.9	1014.2
	S D		6.420	4.185	2.439	3.030	3.053	3.774	3.797	4.712	3.686	4.353
	TOTAL OBS		30	31	30	31	31	30	31	30	31	275
19	MEAN		1018.9	1012.3	1007.2	1005.3	1008.4	1012.7	1020.0	1025.7	1025.7	1015.1
	S D		6.341	4.352	2.247	2.849	3.007	3.810	3.718	4.909	3.646	4.322
	TOTAL OBS		30	31	30	31	31	30	31	30	31	275
22	MEAN		1019.4	1012.7	1007.4	1005.7	1008.7	1012.9	1020.2	1025.8	1025.5	1015.4
	S D		6.150	4.378	2.523	3.126	2.964	3.736	3.72	4.972	3.859	4.218
	TOTAL OBS		30	31	30	31	31	30	31	30	31	275
ALL HOURS	MEAN		1018.8	1012.3	1007.2	1005.3	1008.4	1012.6	1019.7	1025.6	1025.3	1015.0
	S D		6.198	4.216	2.924	3.320	2.961	3.869	3.881	4.858	3.794	4.297
	TOTAL OBS		240	248	240	248	248	240	248	240	248	2200

USAFETAC FORM 0-89-5 (OLA)

END

DATE
FILMED

10-80

DTIC