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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

WACO TEXAS/JAMES CONNALLY AFB WBAN 13928
N 38 38 W 97 04 ELEV 475 FT KWAO

PARTS A-F
POR FROM HOURLY OBS: MAY 1942-OCT 1945,
DEC 1948-DEC 1964

POR FROM DAILY OBS: MAY 1942-OCT 1945,
DEC 1948-MAY 1964

1 NOV 65

FEDERAL BUILDING
ASHEVILLE, N. C.

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Review and Approval Statement

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

Susan V. Berry

SUSAN V. BERRY, 2 Lt, USAF
Information Retrieval
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FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
Scientific & Technical
Information Officer

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- James Connally AFB, WACO, Texas		5 TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG REPORT NUMBER
7 AUTHOR(s)		8 CONTRACT OR GRANT NUMBER(s)
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16 DISTRIBUTION STATEMENT (of this Report)

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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18 SUPPLEMENTARY NOTES

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

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

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statistical summary of surface weather observations for James Connally AFB, WACO, Texas
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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

* Texas * James Connally AFB, TX

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

REVISED

UNIFORM SUMMARY

OF

SURFACE WEATHER OBSERVATIONS

STA NO.	STATION NAME	LATITUDE	LONGITUDE	BAR. ELEV FT.	CALL SIGN	WMO NO.
13928	WACO TEXAS/JAMES CONNALLY AFB	N 31 38	W 097 04	475	KWAO	

PERIOD OF RECORD

FOR HOURLY OBSERVATIONS MAY 42-OCT 45, DEC 48-DEC 64

FOR DAILY OBSERVATIONS MAY 42-OCT 45, DEC 48-MAY 64

SUMMARIES

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, AND MEAN TEMPERATURES EXTREME MAX AND MIN TEMPERATURES PSYCHROMETRIC- DRY VS WET BULB MEANS & STD DEV- DRY BULB, WET BULB, AND DEW POINT RELATIVE HUMIDITY
PART F	STATION PRESSURE SEA LEVEL PRESSURE

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ASHEVILLE, NORTH CAROLINA

Revised
UNIFORM SUMMARY
of
SURFACE WEATHER OBSERVATIONS

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.

HOURLY OBSERVATIONS are defined as those record or record-special observations recorded at scheduled hourly intervals.

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.)

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.

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A

PART A WEATHER CONDITIONS

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

Smoke and/or haze - Occurrences of smoke, haze, or combination 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.

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

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be

reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,48-64 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.3	9.5	1.2	1.3	.0	11.7	13.9	.8	.0	.1	14.8	14071
FEB		.7	9.7	.5	.6		10.7	12.4	1.7	.0	1.6	15.6	12881
MAR		.9	6.6	.1	.2	.0	6.9	6.9	1.4		2.0	10.2	14133
APR		1.7	6.8			.0	6.8	4.6	.9		1.3	6.8	13679
MAY		2.1	5.3			.0	5.3	4.0	1.2		.4	5.5	14554
JUN		1.6	4.0				4.0	1.5	1.3		.0	2.7	14389
JUL		.9	2.1			.0	2.1	.7	.3		.0	1.1	14873
AUG		1.0	2.6				2.6	.7	.5		.0	1.1	14867
SEP		.7	4.5				4.5	2.7	.5		.0	3.2	14399
OCT		.9	4.5				4.5	4.0	1.5		.1	5.6	14878
NOV		.3	7.0	.1	.1	.0	7.1	7.1	1.6		.1	8.6	13677
DEC		.2	8.4	.3	.2		8.8	11.0	1.0		.7	12.7	14659
TOTALS		.9	5.8	.2	.2	.0	6.2	5.7	1.0	.0	.5	7.2	171060

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WEATHER CONDITIONS

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.5	8.7	1.4	1.0		10.8	14.0	.2			14.3	1767
	03-05	.3	12.8	1.1	.9		14.5	17.4	.2			17.5	1767
	06-08	.1	11.6	1.6	1.5		14.5	20.1	1.3		.1	21.4	1767
	09-11	.3	9.9	1.4	1.8		12.7	18.3	1.9		.2	20.3	1766
	12-14		9.2	1.0	2.1		12.0	11.0	1.0	.1		12.1	1767
	15-17	.3	8.4	.5	1.5	.1	10.1	9.6	.7	.1	.2	10.5	1757
	18-20	.3	7.8	1.1	.9		9.6	9.6	.7		.5	10.7	1740
	21-23	.3	7.5	1.1	.7		9.4	11.0	.4			11.4	1740
TOTALS		.3	9.5	1.2	1.3	.0	11.7	13.9	.8	.0	.1	14.8	14071

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WEATHER CONDITIONS

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
FEB	00-02	.9	9.7	.5	.9		10.8	11.9	.4		1.4	13.6	1611
	03-05	1.6	13.4	.4	.8		14.6	16.4	.3		1.6	18.1	1611
	06-08	1.0	13.2	.8	.9		14.6	20.6	1.6		1.1	23.1	1611
	09-11	.4	10.1	.7	.5		11.0	16.6	3.2	.1	1.4	21.1	1607
	12-14	.4	9.8	.4	.1		10.3	9.6	2.8		1.6	14.0	1609
	15-17	.4	8.0	.3	.4		8.6	7.8	2.2		1.8	11.7	1611
	18-20	.4	7.0	.4	.7		8.0	7.8	1.8		1.9	11.4	1610
	21-23	.6	6.4	.4	.7		7.4	8.5	1.1		1.7	11.3	1611
TOTALS		.7	9.7	.5	.6		10.7	12.4	1.7	.0	1.6	15.6	12881

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WEATHER CONDITION

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02	1.0	5.8	.2	.1		6.1	5.3	.6		2.2	8.1	1766
	03-05	1.5	9.3	.1	.1		9.5	9.8	.3		1.7	11.8	1767
	06-08	.5	8.8	.2	.3		9.3	16.1	2.5		1.2	19.5	1767
	09-11	.2	8.1	.1	.6		8.5	9.7	2.2		1.5	13.3	1767
	12-14	.4	6.5		.4		6.8	4.4	1.6		1.8	7.7	1767
	15-17	1.0	5.8		.1	.1	5.9	3.5	1.5		1.8	6.7	1767
	18-20	1.1	4.1			.1	4.1	3.3	1.8		2.7	7.8	1765
	21-23	1.3	4.6		.1		4.7	3.2	.8		2.9	6.9	1767
TOTALS		.9	6.6	.1	.2	.0	6.9	6.9	1.4		2.0	10.2	14133

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WEATHER CONDITIONS

13928	WACO TEXAS/JAMES CONNALLY AFB	43-45,47-64	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02	1.2	4.9				4.9	2.2	.3		1.6	4.2	1710
	03-05	1.9	7.8				7.8	6.0	.5		1.5	8.0	1710
	06-08	1.8	8.9				8.9	12.6	1.8		1.5	15.9	1709
	09-11	1.2	5.9				5.9	6.0	2.2		1.2	9.3	1710
	12-14	1.5	7.0			.1	7.0	3.3	.9		1.2	5.4	1710
	15-17	1.9	7.3				7.3	2.9	.4		1.4	4.7	1710
	18-20	2.2	6.8			.1	6.8	2.6	.8		1.1	4.5	1710
	21-23	2.0	5.8				5.8	1.2	.5		1.1	2.7	1710
TOTALS		1.7	6.8			.0	6.8	4.6	.9		1.3	6.8	13679

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WEATHER CONDITIONS

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	2.8	5.1				5.1	2.3	.3		.4	3.0	1818
	03-05	1.4	5.6			.1	5.6	8.1	.3		.4	8.8	1818
	06-08	1.5	6.6				6.6	12.9	2.5		.5	15.7	1818
	09-11	1.1	5.7				5.7	3.5	2.3		.5	6.2	1818
	12-14	1.9	5.5			.1	5.5	1.8	1.3		.4	3.5	1821
	15-17	2.2	4.9			.1	4.9	1.3	.9		.5	2.6	1820
	18-20	3.0	4.5				4.5	.9	.9		.4	2.3	1821
	21-23	2.8	4.4				4.4	.9	.8		.3	2.0	1820
TOTALS		2.1	5.3			.0	5.3	4.0	1.2		.4	5.5	14554

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WEATHER CONDITIONS

13928	WACO TEXAS/JAMES CONNALLY AFB	42-45,49-64	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.4	2.9				2.9	.7	1.2			1.9	1799
	03-05	1.8	5.0				5.0	3.3	1.3			4.2	1799
	06-08	1.4	5.1				5.1	6.1	2.2			7.7	1798
	09-11	.8	3.9				3.9	1.1	1.5			2.6	1799
	12-14	1.0	3.5				3.5	.2	1.0			1.2	1799
	15-17	2.0	4.5				4.5	.1	1.2		.1	1.3	1800
	18-20	2.1	3.7				3.7	.3	1.1			1.4	1798
	21-23	2.6	3.5				3.5	.4	1.0			1.4	1797
TOTALS		1.6	4.0				4.0	1.5	1.3		.0	2.7	14389

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WEATHER CONDITIONS

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	.3	1.0				1.0	.1				.1	1856
	03-05	.3	1.5				1.5	1.7	.4			2.1	1860
	06-08	.4	2.2				2.2	3.1	1.3			4.4	1860
	09-11	.6	2.7				2.7	.6	.2			.9	1859
	12-14	1.1	2.7				2.7	.2	.1			.2	1859
	15-17	1.9	2.7			.1	2.7	.1	.2		.2	.5	1860
	18-20	2.0	2.4				2.6	.1	.1			.2	1860
	21-23	.8	1.7				1.7	.1	.1		.1	.2	1859
TOTALS		.9	2.1			.0	2.1	.7	.3		.0	1.1	14873

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WEATHER CONDITIONS

13928 (STATION) | WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) | 42-45,49-64 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.9	1.9				1.9	.4	.1			.5	1859
	03-05	.8	2.6				2.6	.6	.4			1.0	1856
	06-08	.6	3.4				3.4	3.6	2.0			5.5	1859
	09-11	.3	2.0				2.0	.6	.9			1.5	1860
	12-14	1.1	3.0				3.0	.1	.1			.2	1856
	15-17	1.8	3.2				3.2	.1	.1			.2	1860
	18-20	1.5	2.6				2.6		.1		.1	.1	1860
	21-23	.9	2.1				2.1		.1			.1	1857
TOTALS		1.0	2.6				2.6	.7	.5		.0	1.1	14867

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WEATHER CONDITIONS

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.9	4.5				4.5	1.5	.1			1.6	1800
	03-05	.5	5.6				5.6	3.7	.2			3.8	1800
	06-08	.4	5.1				5.1	11.3	2.5			13.6	1799
	09-11	.3	4.4				4.4	2.9	1.0		.2	4.0	1800
	12-14	.5	3.9				3.9	.7	.2			.9	1800
	15-17	1.3	4.2				4.2	.7				.7	1800
	18-20	1.5	4.6				4.6	.8	.1			.9	1800
	21-23	.6	3.6				3.6	.2				.2	1800
TOTALS		.7	4.5				4.5	2.7	.5		.0	3.2	14399

1210 WS FORM JULY 64 0-10-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.9	4.1				4.1	2.3	.6			2.9	1859
	03-05	.5	4.6				4.6	5.8	.5			6.2	1860
	06-08	.6	5.6				5.6	14.3	3.3		.2	17.6	1860
	09-11	.8	4.7				4.7	4.8	3.1		.2	7.9	1860
	12-14	.5	4.0				4.0	1.5	1.7		.1	3.2	1860
	15-17	1.4	5.1				5.1	1.0	1.2		.1	2.3	1860
	18-20	1.1	4.5				4.5	1.1	1.1		.2	2.4	1859
	21-23	1.1	3.6				3.6	1.2	.8		.2	2.2	1860
TOTALS		.9	4.5				4.5	4.0	1.5		.1	5.6	14878

1210 WS FORM JULY 64 0-10-5 (Dot 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.4	6.7		.1	.1	6.8	6.2	.8			6.9	1709
	03-05	.4	7.8	.1	.1		7.9	10.0	1.0		.1	10.9	1709
	06-09	.3	8.3	.2	.2		8.6	16.5	1.7		.2	17.7	1710
	09-11	.1	7.2	.2	.3		7.4	9.6	2.9		.2	12.5	1710
	12-14	.4	6.8	.1	.1		6.9	3.6	2.1		.1	5.7	1710
	15-17	.2	6.7				6.7	3.7	1.8		.2	5.7	1710
	18-20	.3	5.6				5.6	3.0	1.2		.2	4.4	1710
	21-23	.4	6.5				6.5	3.9	1.1		.1	5.0	1709
TOTALS		.3	7.0	.1	.1	.0	7.1	7.1	1.6		.1	8.6	13677

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WEATHER CONDITIONS

13928 (STATION) | WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) | 42-44,48-64 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02	.3	8.4	.3	.1		8.8	11.1	.4		.8	12.2	1860
	03-05	.5	9.3	.1	.1		9.5	12.7	.6		.8	14.1	1859
	06-08	.3	10.1	.3	.3		10.7	17.5	1.1		.9	19.5	1860
	09-11	.1	9.4	.2	.2		9.7	15.7	2.1		1.0	18.7	1859
	12-14	.3	8.3	.2	.2		8.6	8.3	1.6		.6	10.4	1859
	15-17	.2	6.1	.3	.2		6.5	6.5	1.1		.6	8.2	1828
	18-20		7.5	.4	.4		8.0	7.0	1.0		.5	8.4	1767
	21-23	.3	8.1	.3	.5		8.7	9.1	.4		.7	10.0	1767
TOTALS		.2	8.4	.3	.2		8.8	11.0	1.0		.7	12.7	14659

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms 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 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 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 columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

13928	WACO TEXAS/JAMES CONNALLY AFB	48-64	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	4.7	41.7	7.0	5.3	.2	42.3	38.6	4.1	.4		39.8	487
FEB		9.1	42.5	2.4	4.6	.9	43.4	39.6	9.7	.2	1.3	44.0	452
MAR		9.7	37.1	.4	1.4	1.6	37.3	28.6	7.1		1.0	32.7	496
APR		16.9	41.1			1.5	41.1	27.6	5.6		.8	30.3	479
MAY		18.6	37.0			2.0	37.0	26.9	8.7		.4	30.5	495
JUN		18.4	29.3			.4	29.3	13.8	4.4		.2	16.7	450
JUL		11.8	22.6		.2	.4	22.6	7.7	.9			8.4	465
AUG		12.0	21.9				21.9	6.5	3.9			9.9	465
SEP		10.0	30.0				30.0	19.3	5.3			22.4	450
OCT		8.6	27.7				27.7	24.3	7.1		.4	27.5	465
NOV		5.6	33.6	.2	1.3	.9	33.6	27.3	6.2		.4	29.1	450
DEC		3.4	33.6	1.2	1.8		33.3	30.1	6.3		.4	32.5	495
TOTALS		10.7	33.3	1.0	1.2	.7	33.4	24.3	5.8	.1	.4	27.1	5649

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

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

   NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
US Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,48-64 (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	59.8	17.1	2.2	5.6	3.4	4.4	2.9	3.1	1.5					23.1	589	2.06	6.31	.14
FEB	56.8	15.3	2.4	5.1	3.1	6.5	4.5	3.7	2.6					27.9	509	2.71	6.47	.35
MAR	60.3	16.3	3.9	4.4	2.5	4.8	3.7	1.5	2.2	.3				23.4	589	2.38	6.78	.07
APR	60.2	16.3	2.1	3.2	2.5	3.5	5.6	3.0	3.3	.4				23.5	570	3.38	13.08	.31
MAY	62.8	13.1	1.0	3.4	2.7	4.6	3.2	5.4	3.1	.7				24.1	589	4.21	11.87	1.50
JUN	70.3	9.5	1.1	2.1	1.9	4.6	4.2	3.0	3.2	.2				20.2	570	3.00	11.41	.15
JUL	75.0	11.9	.3	2.0	2.0	2.5	2.0	2.4	1.5	.2				13.1	589	1.80	5.10	TRACE
AUG	76.2	9.8	.7	2.4	2.0	2.0	1.9	3.6	1.2		.2			13.9	589	2.09	10.90	.09
SEP	69.4	11.9	1.9	3.9	2.6	1.9	2.8	2.6	2.6	.6				18.7	540	3.03	8.06	TRACE
OCT	72.0	9.8	1.4	3.1	1.7	3.4	3.7	2.4	2.0	.5				18.2	589	2.86	8.58	.00
NOV	65.9	12.9	2.2	4.9	2.0	2.7	4.1	3.9	1.0	.4				21.2	510	2.26	6.91	TRACE
DEC	65.4	14.1	1.4	3.9	2.7	4.1	3.4	3.1	1.9	.2				20.5	509	2.35	7.83	.07
ANNUAL	66.2	13.2	1.7	3.6	2.4	3.7	3.5	3.1	2.2	.3	.0			20.6	6822	32.13		

1210 WS FORM JUL 64 0-15-5 (Dot 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,48-64 YEARS

24 HOUR AMOUNTS IN INCHES

MON. / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42						2.09	.05	1.10	4.25	1.00	.83	1.29	
43	.57	.33	3.41	1.06	2.31	.94	1.58	1.07	1.52	3.85	.68	.95	3.85
44	1.21	1.96	1.55	.36	1.29	.49	.32	.57		.55	2.81	1.84	
45	1.85	2.04	2.22	.53	.63	1.36	1.62	.84	1.35	1.34			
48												.23	
49	.81		1.33	1.01	.80	1.13	1.03	.86	.18	2.01	TRACE	.34	
50	.38	1.66	.06	1.46	.90	1.51	1.08	.52	2.01	1.31	.45	.07	2.01
51	.21	1.10	1.33	1.15	.88	1.34	2.83	.70	2.72	.57	.65	.99	2.83
52	.32	1.10	1.14	2.37	2.63	.22	.50	.43	1.48	.00	3.48	1.60	3.48
53	.07	.54	1.65	1.60	4.53	.15	1.37	.95	.85	2.38	.26	1.10	4.53
54	.32	.35	.33	1.58	2.13	.23	.74	.85	.84	.48	1.30	.18	2.13
55	.72	2.01	1.70	.92	1.48	1.62	.65	1.31	1.23	1.51	.96	.45	2.01
56	1.24	.79	.05	.55	3.69	.13	.69	.34	TRACE	.46	1.58	1.26	3.69
57	.47	.88	2.52	2.80	2.26	1.41	.15	.93	4.89	2.00	1.08	.34	4.89
58	1.12	1.21	.39	1.32	1.21	.82	.83	8.31	1.87	.29	.62	.44	8.31
59	.33	1.20	.24	1.66	1.54	1.40	1.37	1.54	1.11	3.86	.58	2.00	3.86
60	.93	.71	.30	1.15	1.53	.97	.29	.99	.82	2.52	.40	2.61	2.61
61	1.94	1.99	1.12	.13	1.00	3.10	1.96	.15	2.43	.98	1.25	.35	3.10
62	.23	.65	.81	1.22	1.53	1.11	.08	.09	2.46	.74	.49	.38	2.46
63	.35	.53	.90	.95	1.26	.63	TRACE	1.49	1.01	1.83		.51	
64	1.48	.54	1.08	.76	.86								
MEAN	.77	1.09	1.16	1.29	1.71	1.09	.90	1.21	1.72	1.46	1.02	.89	3.55
S. D.	.566	.603	.891	.699	1.025	.738	.749	1.766	1.275	1.112	.900	.717	1.645
TOTAL OBS.	589	509	589	570	589	570	589	589	540	589	510	589	6822

1210 WS FORM JUL 64 0-88-5 (Det 50)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 48-64 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR-ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06-10	11-25	26-50	51-100	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	01 0 4	0 5 1 4	1.5 2 4	2 5 3 4	3 5 4.4	4 5 6 4	6 5-10 4	10 5 15 4	15 5 25 4	25 5-50 4	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13 24	25-36	37-48	49-60	61 120	OVER 120					
JAN	94.6	4.2	.4	.2	.2	.2		.2						1.2	496	.8	6.4	.0
FEB	95.4	2.9	.7	.4	.4	.2								1.8	452	.6	2.9	.0
MAR	98.0	1.8		.2										.2	496	.1	1.3	.0
APR	99.6	.4													480	TRACE	TRACE	.0
MAY	99.0	1.0													496	TRACE	TRACE	.0
JUN	99.8	.2													450	TRACE	TRACE	.0
JUL	99.8	.2													465	TRACE	TRACE	.0
AUG	100.0														465	.0	.0	.0
SEP	100.0														450	.0	.0	.0
OCT	100.0														465	.0	.0	.0
NOV	98.6	1.4													420	TRACE	TRACE	.0
DEC	98.2	1.4	.2	.2										.4	496	.1	.8	.0
ANNUAL	98.5	1.2	.1	.1	.1	.0		.0						.3	5631	1.5		

1210 WS FORM JUL 64 0-13.5 (Dat 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 48-64 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
48												.0	
49	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.4
50	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
51	2.2	1.6	.0	.0	TRACE	.0	TRACE	.0	.0	.0	TRACE	.0	2.2
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	.0	TRACE	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	TRACE	.0	TRACE
56	3.0	2.2	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	3.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
58	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	1.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
62	TRACE	TRACE	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
63	TRACE	2.9	TRACE	.0	.0	.0	.0	.0	.0	.0		.7	
64	.4	1.0	TRACE	.0	.0								
MEAN	.81	.53	.08	TRACE	TRACE	TRACE	TRACE	.00	.00	.00	TRACE	.04	.99
S. D.	1.740	.927	.325	.000	.000	.000	.000	.000	.000	.000	.000	.175	1.833
TOTAL OBS.	496	452	496	480	496	450	465	465	450	465	420	496	5631

1210-WS FORM JUL 64 0-88-5 (Dec 50)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWDEPTH
(FROM DAILY OBSERVATIONS)

12928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,48-64 (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	96.1	2.5	.3	.3	.3	.3								1.4	589			
FEB	96.8	1.5	1.1	.2	.4									1.7	537			
MAR	100.0														589			
APR	100.0														570			
MAY	100.0														589			
JUN	100.0														570			
JUL	100.0														589			
AUG	100.0														589			
SEP	100.0														570			
OCT	100.0														589			
NOV	100.0														510			
DEC	99.1	.5	.3											.3	589			
ANNUAL	99.3	.4	.1	.0	.1	.0								.3	6880			

1210 WS FORM JUL 64 0-15 5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

EXTREME VALUES

SNOWDEPTH
(FROM DAILY OBSERVATIONS)

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,48-64 YEARS

DAILY SNOWDEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42						0	0	0	0	0	0	0	
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	4	0	0	0	0	0	0	0	0	0	0	0	4
45	0	0	0	0	0	0	0	0	0	0			
48												0	
49	6	2	0	0	0	0	0	0	0	0	0	0	6
50	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
51	0	1	0	0	0	0	0	0	0	0	0	0	1
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	1	0	0	0	0	0	0	0	0	0	0	0	1
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
56	2	3	0	0	0	0	0	0	0	0	0	0	3
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
61	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
62	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
63	TRACE	TRACE	0	0	0	0	0	0	0	0		1	
64	3	1	0	0	0								
MEAN	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9
S. D.	1.708	.831	.000	.000	.000	.000	.000	.000	.000	.000	.000	.229	1.806
TOTAL OBS.	589	537	589	570	589	570	589	589	570	589	510	589	6880

1210 WS FORM JUL 64 0-88.5 (Dec 50)

30

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

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 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

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

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

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

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

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

STATION NO:	STATION NAME:	LATITUDE:	LONGITUDE:	BAROMETER ELEV FT	CALL SIGN:	WMO NO:
13928	WACC TEXAS/JAMES CONNALLY AFB	N 38 38	W 97 04	475	KWAO	

STATION HISTORY AND WIND EQUIPMENT INFORMATION

DATE OF CHANGE	TYPE OF STATION CHANGE	WIND EQUIPMENT LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HEIGHT ABOVE GROUND
May 1942	Waco Army Airfield Wea Station	Not available	N/A	N/A	N/A
8/1/48	Waco AFB Det 105-5	Not available	N/A	N/A	N/A
6/30/49	Waco AFB Det 1921-5	Not available	N/A	N/A	N/A
10/19/49	Connally AFB Det 1921-5	Not available	N/A	N/A	N/A
3/30/53	James Connally AFB Det 8 16 Wea Sq	Top of operations building	ML 151-C ML 152-C	ML-144-B	35 Ft
4/4/56	No change	No change	ML 151-B ML 152-B	No change	43 Ft
4/4/58	Det 13 8 Wea Gp	750 Ft from center of active runway and 1700 Ft from north end of runway	AN/GMQ-11	R-02	13 Ft
4/8/59	No change	Adjacent to and near center of runway	No change	No change	At Surface
4/7/60	No change	No change	No change	No change	13 Ft

1210 WS FORM MAR 64 0-64A (Det 50)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 49-64 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49	NE 31	S 33	S 48	SSW 30	SSE 41	ESE 41	ENE 39	ESE 28	NE 30	S 43	SSW 32	S 34	S 48
50	SSW 43	NNW 33	W 42	NNE 40	NNW 37	NNE 43	S 34	NW 39	ENE 39	NE 29	N 38	N 43	SSW 43
51	NNW 36	SSW 36	NNW 37	NW 42	NNW 47	N 42	SW 41	SE 37	SSW 39	NNW 38	NNW 41	N 40	WNW 47
52	NNW 40	NNW 37	NNW 48	NNW 37	N 37	SSW 43	S 36	SSE 36	N 49	NNE 41	NNW 43	NNW 30	N 49
53	NW 36	SSE 31	NNW 36	NNW 54	SE 36	SE 45	NE 42	WSW 40	N 32				
54	N 39		SSE 45	WNW 43			ENE 37	S 28		NW 34	NNW 36		
55	NW 38	NNW 40	N 46	NW 35	NW 45	NNW 47	N 50	NE 38	ESE 36	N 38	N 45	N 37	N 50
56	N 32	N 41	N 44	NW 40	N 51	S 26	N 35	S 51	S 27	SSE 27	NNW 35	N 36	N 51
57	N 47	NNW 35	WNW 42	NNW 38	NNW 34	S 30	WSW 26	SW 37	WNW 30	NW 27	N 37	N 39	N 47
58	NNW 33	WNW 42	WNW 31	NE 40	W 38	S 29	N 31	NNE 33	N 29	SW 26	W 35	N 28	WNW 42
59	N 35	SW 34	WSW 61	N 31	SW 42	NNE 40	W 31	NW 31		S 27	WSW 45		
60	NNW 31	W 36	N 31	N 35	WSW 47	W 35	NNW 37	SSE 34		WNW 33	S 32	NNE 24	
61	N 34	NNW 31	S 39	W 41	WNW 36	NW 36	NNW 40	NW 38	SSE 50				
62	NNE 37	N 30	SSW 33	NNW 32	S 31	NNE 37	NE 29	S 31	SW 37	WSW 28	NNW 32	N 32	NNE 37
63	NNW 43		N 32		WSW 30	N 33	S 32		S 30	WSW 38			
64		27/ 33	28/ 46		03/ 35								
MEAN	37.1	35.1	41.3	38.4	39.1	37.6	36.0	35.8	36.0	32.8	37.4	34.5	46.0
S D	4.713	3.780	8.014	6.098	6.174	6.416	6.000	5.886	7.887	6.039	4.963	5.592	4.500
TOTAL OBS.	463	394	494	419	463	419	461	430	328	397	358	337	4963

1210 WS FORM JUL 64 0-88-5 (Det 50)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,48-64 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.2	1.9	.7	.1	.0	.0				7.0	10.0
NNE	.5	1.1	1.9	1.3	.5	.1	.0					5.4	9.9
NE	.6	1.4	2.1	1.0	.2	.0	.0	.0				5.3	8.3
ENE	.4	.8	1.2	.4	.1	.0	.0					2.9	7.5
E	.6	1.1	1.0	.3	.0	.0	.0					3.1	6.5
ESE	.5	.9	.8	.2	.0	.0						2.4	6.5
SE	.9	1.8	1.8	.6	.1	.0	.0					5.1	6.8
SSE	1.1	2.9	4.3	2.2	.2	.0	.0					10.7	8.2
S	1.8	4.7	8.4	5.5	.9	.1	.0					21.3	9.0
SSW	.6	1.9	4.1	3.3	.8	.1	.0					10.8	10.0
SW	.3	.8	1.3	.7	.1	.0	.0	.0				3.3	8.7
WSW	.2	.4	.5	.2	.0	.0						1.3	7.4
W	.3	.6	.5	.2	.1	.0						1.7	6.9
WNW	.2	.5	.5	.3	.1	.0						1.5	8.1
NW	.3	.6	.8	.5	.1	.0	.0	.0				2.4	8.6
NNW	.4	.8	1.2	1.1	.5	.1	.0	.0				4.1	10.6
VARBL													
CALM												11.4	
	9.3	21.8	32.6	19.6	4.4	.7	.1	.0				100	7.7

TOTAL NUMBER OF OBSERVATIONS 171074

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FERRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (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	.8	2.3	3.6	3.9	1.7	.3	.0	.0				12.6	11.0
NNE	.4	1.3	2.7	2.6	1.4	.4	.0					8.9	11.6
NE	.5	1.4	2.0	1.0	.3	.1	.0					5.1	8.7
ENE	.3	.7	.8	.2	.0							2.1	6.8
E	.5	.7	.5	.2	.0							1.8	6.0
ESE	.3	.6	.5	.1	.0							1.6	6.4
SE	.6	1.0	1.0	.2	.0	.0						2.9	6.4
SSE	.8	2.0	2.0	.9	.1	.0						5.9	7.4
S	1.8	4.5	5.9	2.8	.6	.0						15.6	8.1
SSW	.8	2.0	3.7	3.0	1.1	.2	.0					10.8	10.1
SW	.3	.7	1.1	.8	.2	.0						3.0	9.0
WSW	.2	.5	.5	.2	.0							1.3	7.4
W	.3	.8	.9	.2	.0	.0						2.3	7.2
WNW	.3	.7	.7	.6	.1	.0						2.5	8.3
NW	.5	.8	1.3	1.1	.3	.1						4.0	9.4
NNW	.5	1.0	1.9	2.1	1.0	.3	.0					6.8	11.3
VARBL													
CALM												12.7	
	8.9	21.0	29.1	19.9	6.9	1.4	.1	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 14071

ALLSTED/FORY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.6	3.3	3.6	1.1	.3	.1	.0				10.8	10.9
NNE	.5	1.1	3.2	2.0	.6	.1						7.5	9.9
NE	.7	1.4	2.5	1.1	.3	.1						6.1	8.5
ENE	.5	.8	1.2	.3	.0	.0						2.8	6.8
E	.6	1.0	.9	.1	.0							2.7	6.0
ESE	.3	.8	.7	.3	.0							2.2	6.8
SE	.6	1.0	1.3	.6	.0							3.5	7.3
SSE	.7	1.7	2.4	1.3	.1	.0						6.2	8.1
S	1.5	3.3	5.3	3.8	.6	.1						14.4	9.0
SSW	.5	1.6	3.6	2.7	.8	.1	.0					9.4	10.3
SW	.2	.8	.9	.9	.3	.0						3.1	9.9
WSW	.2	.6	.7	.3	.1							1.9	8.1
W	.4	1.1	.8	.4	.1	.0						2.8	7.7
WNW	.2	.7	.7	.5	.2	.0						2.4	8.8
NW	.3	.7	1.6	1.1	.3	.0	.0	.0				4.1	9.8
NNW	.4	1.0	2.3	2.4	1.3	.2	.0					7.6	11.5
VARBL													
CALM												12.3	
	8.5	19.4	31.5	21.3	6.0	1.0	.1	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 12886

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	3.1	2.8	1.0	.3	.0	.0				9.5	10.8
NNE	.5	1.3	2.3	1.8	.9	.2	.1					7.1	10.7
NE	.8	1.4	2.5	1.2	.3	.0						6.2	8.4
ENE	.4	.7	1.4	.4	.0	.0						3.0	7.7
E	.5	1.0	1.1	.2	.0							2.9	6.8
ESE	.3	.7	.9	.2	.0							2.0	7.0
SE	.4	1.2	1.6	.6	.0							3.8	7.6
SSE	.8	2.1	3.9	2.6	.4	.1	.0					9.9	9.1
S	1.5	2.8	6.1	6.3	1.3	.2						18.2	10.1
SSW	.5	1.3	3.2	3.7	1.2	.3	.0					10.2	11.3
SW	.3	.4	.9	.8	.3	.0	.0	.0				2.6	10.3
WSW	.1	.3	.6	.4	.1	.0						1.5	9.2
W	.3	.5	.8	.5	.2	.0						2.3	9.5
WNW	.3	.5	.7	.7	.3	.1						2.5	10.4
NW	.3	.5	.9	.7	.2	.1						2.7	9.9
NNW	.3	.8	1.6	1.6	1.1	.4	.1	.0				5.9	12.3
VARBL													
CALM												9.7	
	8.0	17.0	31.5	24.5	7.3	1.7	.2	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 14133

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	2.1	1.9	.7	.2	.1					6.7	10.3
NNE	.4	1.0	1.9	1.8	.8	.2						6.0	10.7
NE	.5	1.1	2.1	1.5	.5	.0						5.6	9.5
ENE	.3	.7	1.2	.5	.1	.0						2.8	8.2
E	.5	.7	1.3	.3	.0	.0						2.8	7.2
ESE	.2	.7	1.1	.5	.1							2.6	7.9
SE	.5	1.2	2.0	.8	.1	.0						4.6	8.1
SSE	.7	2.6	6.0	4.8	.6	.0						14.8	9.7
S	1.0	2.9	7.7	8.1	1.9	.2						21.9	10.7
SSW	.4	1.5	3.1	3.5	1.2	.1						9.8	10.9
SW	.2	.6	1.0	.8	.2	.0						2.8	9.4
WSW	.2	.4	.4	.3	.0							1.3	8.0
W	.2	.4	.5	.2	.1	.0						1.5	9.0
WNW	.1	.5	.5	.5	.2	.0						1.8	9.6
NW	.2	.5	.8	.5	.1	.0	.0					2.2	8.9
NNW	.3	.7	.9	1.2	.6	.2	.0					3.9	11.4
VARBL													
CALM												8.9	
	6.2	16.1	32.7	27.2	7.0	.9	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 13678

ALLIED/EBBY BUSINESS SYSTEMS
50524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.9	1.1	.9	.2	.0						3.8	8.4
NNE	.5	1.0	1.4	.8	.2	.1						3.9	8.9
NE	.5	.9	1.7	.6	.1	.0						3.7	8.2
ENE	.5	.9	1.2	.4	.1	.0						3.1	7.5
E	.6	.9	.7	.2	.0	.0						2.5	6.3
ESE	.6	1.0	.7	.2	.0							2.5	6.0
SE	.8	2.2	2.5	1.2	.2	.0						6.9	7.7
SSE	1.1	3.4	7.2	5.0	.5	.0						17.1	9.2
S	1.3	3.4	9.7	9.3	1.8	.1	.0					25.6	10.3
SSW	.3	1.4	3.8	3.8	1.2	.1	.0					10.6	11.0
SW	.1	.7	.9	.5	.1	.0						2.4	9.1
WSW	.2	.3	.4	.1	.0	.0						1.0	7.2
W	.2	.3	.4	.1								1.0	6.1
WNW	.1	.4	.6	.2	.1	.0						1.4	8.2
NW	.3	.4	.5	.3	.1	.0						1.6	8.2
NNW	.3	.5	.9	.8	.2	.0						2.7	9.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.3	
	7.9	18.6	33.6	24.4	4.8	.4	.0					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 14553

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ARMY BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	.9	.4	.1	.0	.0					2.5	7.7
NNE	.5	.6	.8	.4	.0	.0						2.3	7.5
NE	.6	.7	1.2	.3	.1	.0						2.9	7.0
ENE	.3	.6	.8	.2	.0	.0	.0					2.0	7.6
E	.8	1.1	1.2	.2	.0	.0	.0					3.3	6.4
ESE	.6	1.0	.8	.2	.0	.0						2.6	6.1
SE	1.4	2.4	2.8	1.0	.1		.0					7.7	7.0
SSE	1.3	3.8	7.7	3.9	.3							17.0	8.6
S	2.0	5.3	12.1	9.6	1.7	.1	.0					30.7	9.7
SSW	.5	1.7	4.8	5.0	.9	.1						13.0	10.7
SW	.2	.8	1.3	.8	.2	.0						3.2	9.0
WSW	.0	.2	.2	.1	.0	.0						.6	7.8
W	.2	.3	.3	.0	.0							.7	6.1
WNW	.1	.2	.1	.0	.0							.5	6.5
NW	.2	.3	.2	.0	.0							.8	5.8
NNW	.2	.4	.2	.3	.0	.0						1.2	7.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.7	
	9.4	20.2	35.3	22.5	3.5	.3	.0					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 14390

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/ECHY BUSINESS SYSTEMS

150624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	.4	.4	.4	.2	.1	.0						1.5	6.8
NNE	.4	.5	.5	.2	.1	.0	.0					1.7	7.5
NE	.5	.9	1.4	.4	.1	.0		.0				3.3	7.5
ENE	.3	.6	1.1	.6	.1	.0						2.7	8.5
E	.7	.9	1.3	.3	.0	.0						3.3	7.0
ESE	.5	.6	1.1	.3	.0	.0						2.7	7.0
SE	1.2	2.1	2.1	.8	.0	.0						6.3	6.7
SSE	1.6	2.2	5.0	2.6	.2							13.6	7.7
S	2.7	7.6	14.0	6.8	.5	.0						31.6	8.3
SSW	.7	3.2	6.7	4.8	.5	.0						15.9	9.5
SW	.6	1.2	2.3	1.0	.1							5.0	8.4
WSW	.1	.5	.8	.1								1.5	7.2
W	.3	.5	.3	.0		.0						1.1	5.3
WNW	.1	.2	.2	.0								.5	6.0
NW	.2	.2	.2	.1	.0	.0						.6	6.2
NNW	.2	.2	.2	.1	.0							.8	6.9
VARBL													
CALM												8.0	
	10.3	23.9	37.5	18.4	1.8	.2	.0	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 14877

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLSTED/FEARY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | AUG MONTH

ALL WEATHER CLASS | ALL HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	.7	.4	.0	.0						2.3	7.0
NNE	.4	.7	1.1	.5	.0	.0						2.8	7.7
NE	.5	1.2	1.5	.5	.0	.0						3.7	7.4
ENE	.5	.9	1.3	.4	.1	.0						3.1	7.6
E	.9	1.7	1.6	.4	.1	.0	.0					4.7	6.8
ESE	.7	1.2	1.4	.4	.0	.0						3.7	6.7
SE	1.0	2.6	2.8	.6	.0	.0						7.1	6.7
SSE	1.3	3.7	5.1	1.3	.1	.0						11.5	7.2
S	2.2	7.3	11.6	4.6	.4	.0						26.1	8.0
SSW	.9	3.1	6.6	4.0	.3	.0						15.0	9.0
SW	.4	1.5	2.6	.8	.0							5.2	7.9
WSW	.1	.6	.9	.2								1.8	7.4
W	.3	.4	.4	.0								1.1	5.7
WNW	.1	.2	.2	.0	.0							.6	6.4
NW	.2	.2	.3	.1	.0							.7	6.5
NNW	.2	.3	.5	.2	.0							1.2	7.2
VARBL													
CALM												9.4	
	10.2	26.3	38.4	14.2	1.2	.2	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 14874

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 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	.8	1.2	1.8	.9	.1	.0						4.9	7.7
NNE	.7	1.5	2.1	1.0	.3	.1	.0					5.7	8.5
NE	1.0	2.4	3.6	1.3	.2	.0						8.5	7.7
ENE	.7	1.7	2.0	.7	.1	.0						5.2	7.4
E	1.2	2.3	1.8	.5	.1	.1						5.8	6.5
ESE	.8	1.8	1.2	.3	.0	.0						4.2	6.1
SE	1.7	2.8	2.0	.4	.0	.0						7.0	5.9
SSE	1.5	3.6	3.6	1.0	.0		.0					9.7	6.8
S	2.0	5.3	7.1	3.5	.3	.0						18.2	7.9
SSW	.6	1.5	3.2	1.8	.3	.0						7.7	8.7
SW	.3	.8	1.0	.3	.1							2.5	7.6
WSW	.2	.4	.3	.1								.8	6.2
W	.3	.5	.2	.0								1.1	5.1
WNW	.2	.4	.3	.0								1.0	5.5
NW	.4	.5	.3	.1	.0							1.3	6.0
NNW	.2	.5	.6	.5	.1	.0						2.0	8.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	14.2	
	12.7	27.6	31.1	12.5	1.7	.2	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 14399

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/FORY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	2.5	2.0	.4	.1						7.5	8.9
NNE	.7	1.4	2.2	1.6	.4	.1	.0					6.3	9.1
NE	.9	2.3	2.9	1.5	.2	.1						7.8	8.2
ENE	.5	1.0	1.3	.4	.1	.0						3.3	7.4
E	.8	1.4	.9	.4	.0	.0						3.5	6.2
ESE	.7	.8	.5	.1								2.2	5.4
SE	1.2	2.3	1.4	.2	.0							5.0	5.6
SSE	1.4	3.1	3.3	1.3	.1							9.2	7.1
S	1.9	4.9	7.1	3.2	.3	.0						17.4	8.0
SSW	.5	1.9	3.4	2.0	.4	.1						8.2	9.2
SW	.4	.9	1.3	.7	.1	.0						3.5	8.4
WSW	.3	.4	.3	.1	.0							1.0	6.2
W	.4	.7	.3	.1	.0							1.5	5.2
WNW	.2	.5	.3	.1	.0	.0						1.1	6.4
NW	.4	.8	.9	.3	.1	.0						2.5	7.1
NNW	.5	1.0	1.4	.8	.4	.1						4.2	9.1
VARBL													
CALM												15.8	
	11.6	25.0	29.9	14.6	2.5	.5	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 14878

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLTED/EGRY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.3	3.3	3.1	1.5	.3	.1	.0				11.3	10.6
NNE	.4	1.3	2.0	1.6	.9	.2	.0					6.4	10.6
NE	.5	1.6	2.2	1.1	.4	.1						5.9	8.6
ENE	.3	.8	1.1	.3	.0							2.5	7.3
E	.4	.8	.7	.2								2.0	6.3
ESE	.3	.5	.5	.1	.0							1.4	6.4
SE	.5	1.7	1.0	.2	.0							3.5	6.1
SSE	.8	2.6	2.7	1.2	.1							7.4	7.4
S	1.5	4.5	7.0	4.3	.7	.1						18.1	8.8
SSW	.5	1.5	3.2	2.8	1.1	.1						9.2	10.5
SW	.3	.9	1.1	.9	.2	.0						3.4	8.8
WSW	.2	.6	.4	.1	.0							1.5	6.5
W	.4	1.0	.6	.2	.0	.0						2.3	6.6
WNW	.4	.8	.7	.2	.1	.0						2.1	6.9
NW	.5	1.1	1.5	.7	.2	.0						4.0	8.3
NNW	.5	1.2	1.8	1.6	.7	.2	.0					5.9	10.4
VARBL													
CALM												13.4	
	8.4	23.1	29.7	18.4	5.9	1.0	.1	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 13677

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBAY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.3	3.9	3.3	1.7	.4	.0					12.2	10.8
NNE	.5	1.2	2.4	2.1	.6	.1	.0					6.9	10.2
NE	.5	1.1	2.0	1.2	.1	.0						4.9	8.8
ENE	.2	.7	.8	.3	.0							2.0	7.5
E	.4	.6	.5	.1	.0							1.7	6.0
ESE	.4	.5	.3	.1								1.3	5.7
SE	.6	1.1	.8	.3	.0							2.8	6.6
SSE	.9	1.8	2.2	.8	.0							5.7	7.1
S	1.6	4.7	6.5	3.0	.6	.1						16.4	8.2
SSW	.7	1.9	3.4	2.3	.6	.2						9.1	9.5
SW	.4	.9	1.1	.5	.1							3.0	7.7
WSW	.3	.7	.6	.2	.0							1.7	7.0
W	.5	1.1	.9	.2	.1							2.7	6.7
WNW	.3	.7	1.0	.3	.1	.0						2.4	7.7
NW	.4	1.5	1.5	1.0	.4	.1						4.9	8.9
NNW	.6	1.5	2.6	2.3	1.0	.3	.0					8.3	9.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	14.0	
	8.8	22.1	30.4	18.3	5.3	1.1	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 14658

ALLIED/EGRY BUSINESS SYSTEMS
150524

1210 WS FORM JUL 64 0-8-5 (Dod) 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.8	3.1	3.4	1.5	.3	.1					11.8	10.7
NNE	.5	1.5	2.8	2.0	.8	.5	.1					8.3	10.9
NE	.6	1.0	2.2	.7	.5	.1						4.9	8.9
ENE	.2	1.0	.5	.1								1.8	6.2
E	.6	.5	.2	.1								1.3	4.8
ESE	.5	.9	.3									1.7	4.9
SE	.5	1.2	1.0	.1	.1							2.8	6.4
SSE	.6	2.4	1.5	.7								5.2	6.9
S	2.4	5.4	6.0	2.2	.5							16.4	7.3
SSW	1.7	2.6	3.0	2.7	.5							10.5	8.5
SW	.2	1.0	.6	.3								2.0	7.0
WSW	.3	.1	.2									.6	4.5
W	.4	1.1	.8	.1								2.4	6.2
WNW	.6	.6	.5	.1		.1						1.9	6.5
NW	.6	.8	1.4	.8	.2							3.8	8.5
NNW	.5	.8	2.1	1.9	.5	.2						6.0	10.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	18.7	
	10.5	23.7	26.0	15.2	4.6	1.1	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS FORM JUL 64 0-8-5 (Del 30) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBAY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.3	4.0	3.6	1.8	.2						12.7	10.7
NNE	.5	1.7	2.7	2.5	1.3	.5						9.2	11.1
NE	.6	1.2	1.1	.6	.1							3.6	7.0
ENE	.2	.5	.5	.2								1.4	6.6
E	.4	.7	.5	.1								1.7	5.7
ESE	.3	.4	.3									1.0	5.2
SE	.5	1.0	1.1	.1								2.6	6.0
SSE	1.3	2.4	2.2	.7								6.6	6.4
S	2.1	4.7	5.2	1.5	.5							14.0	7.3
SSW	1.2	2.5	3.3	2.5	.2							9.8	8.2
SW	.7	.7	.9	.4								2.7	6.8
WSW	.1	.7	.1									.8	4.9
W	.7	1.0	1.0	.1								2.8	5.4
WNW	.5	.7	.7	.3	.1							2.2	6.8
NW	.8	1.2	1.6	1.1	.1	.1						4.9	8.1
NNW	.7	1.4	1.8	2.5	.5	.1						6.8	10.0
VARBL													
CALM												17.2	
	11.5	23.1	26.8	16.2	4.3	.8						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1767

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.4	3.8	4.3	1.6	.2						13.2	10.8
NNE	.5	1.1	2.4	2.7	1.3	.6						8.6	11.9
NE	.6	1.5	1.2	.3	.1							3.7	6.7
ENE	.2	.5	.7	.2								1.6	7.0
E	.3	.5	.3	.2								1.3	5.7
ESE	.3	.4	.7	.2								1.6	7.0
SE	.7	.8	.6	.1								2.2	5.1
SSE	1.1	2.2	1.9	.4								5.5	6.2
S	2.3	5.8	5.5	1.4	.2							15.2	6.7
SSW	1.4	2.1	3.6	2.5	.5	.1						10.1	8.7
SW	.2	.8	.7	.3								2.1	7.5
WSW	.2	.6	.4	.1								1.3	6.3
W	.3	1.1	.6	.1	.1							2.1	5.9
WNW	.8	1.3	.8	.5	.1							3.5	6.3
NW	.7	1.2	1.5	1.1	.3	.1						5.0	8.7
NNW	.8	1.3	1.9	2.4	.7	.2						7.4	10.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	15.6	
	11.5	23.5	26.8	16.7	4.6	1.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALSTED/FORM BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (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	1.0	1.6	3.7	4.5	2.0	.7						13.4	11.6
NNE	.2	1.0	2.2	3.0	1.8	.5						8.6	12.8
NE	.5	1.4	2.2	1.5	.3	.2						6.0	9.5
ENE	.2	.6	.3	.3								1.5	6.7
E	.4	.6	.6	.2								1.9	6.3
ESE	.3	.6	.5	.5								1.9	7.3
SE	.3	.6	1.0	.7								2.5	8.3
SSE	.7	1.9	2.2	.8	.1							5.7	7.4
S	1.9	3.7	7.1	3.0	.3	.1						16.1	8.3
SSW	.2	2.1	5.0	3.3	2.0	.2						12.9	10.9
SW	.2	.7	1.6	.8	.3							3.6	9.7
WSW	.3	.7	.7	.2								1.9	6.6
W	.2	.6	.9	.5	.1							2.2	8.0
WNW	.4	1.0	.7	1.0	.3							3.3	8.8
NW	.2	.8	1.0	1.5	.3	.3						4.2	10.7
NNW	.4	.8	2.0	2.7	1.4	.5						7.8	12.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.5	
	7.5	18.7	31.7	24.3	8.9	2.4						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1766

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A-B LEED/CENT BUSINESS SYSTEMS
150504

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 26801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	4.0	4.2	2.3	.2						12.4	12.0
NNE	.3	.7	2.3	3.3	1.5	.1						8.3	12.1
NE	.3	.9	2.4	1.6	.6	.1	.1					5.9	10.6
ENE	.3	.5	.7	.4	.1							2.0	8.1
E	.4	.5	.8	.3								2.0	7.4
ESE	.3	.6	.8	.1								1.8	6.9
SE	.5	1.0	.6	.1								2.2	5.5
SSE	.3	1.2	1.9	1.3	.5							5.1	9.5
S	.6	2.5	5.5	4.1	.5	.2						13.5	9.7
SSW	.4	1.8	4.8	4.8	3.0	.8	.1					15.6	12.5
SW	.1	.7	1.9	2.2	.7	.1						5.8	11.2
WSW	.1	.3	1.4	.6	.2							2.6	9.8
W	.2	.6	1.6	.6	.1	.1						3.1	9.6
WNW	.1	.3	1.1	1.2	.2	.1						3.1	10.6
NW	.2	.1	1.7	1.6	.6	.1						4.3	12.0
NNW	.3	.7	2.2	2.2	1.8	.6						7.8	12.8
VARBL													
CALM												4.6	
	4.8	13.8	33.7	28.6	12.0	2.4	.1					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.8	3.6	4.1	2.1	.3						12.4	11.8
NNE	.4	1.4	3.0	2.6	2.0	.3						9.7	11.8
NE	.4	1.5	2.8	1.9	.2	.1						7.0	9.5
ENE	.3	.7	1.2	.1								2.3	6.6
E	.6	.6	.7	.3	.1							2.2	6.8
ESE	.5	.5	.6	.1								1.6	6.0
SE	.5	.8	1.2	.2	.1							2.8	7.0
SSE	.5	2.0	2.6	1.6	.2	.1						6.9	8.8
S	.5	3.2	5.9	4.2	1.9	.1						15.8	10.2
SSW	.2	1.0	4.1	4.3	2.2	.2						11.9	12.1
SW	.2	.3	1.2	1.6	.2							3.5	10.8
WSW	.1	.5	.6	.5								1.6	8.6
W	.2	1.0	.7	.7	.2							2.7	8.6
WNW	.2	.6	1.0	1.0	.2							3.0	9.4
NW	.4	1.0	1.3	1.1	.3							4.0	9.3
NNW	.4	.7	2.1	1.9	1.2	.6	.1					7.0	12.4
VARBL													
CALM												5.5	
	5.8	17.5	32.7	26.1	10.8	1.6	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 1758

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
1500-4

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.3	3.7	3.2	1.6	.2						13.3	9.8
NNE	.3	1.3	2.7	2.6	1.2	.3	.2					8.6	11.8
NE	.7	1.8	2.0	1.0	.1	.1						5.6	7.6
ENE	.3	1.1	1.6	.3								3.3	7.1
E	.5	1.2	.3		.1							2.1	4.9
ESE	.2	1.3	.5	.1	.1							2.1	5.5
SE	1.0	1.1	1.0	.4								3.6	6.4
SSE	1.0	2.5	2.6	.6	.1							6.7	6.8
S	2.4	5.6	6.3	2.9	.3	.1						17.7	7.5
SSW	.9	1.4	2.9	2.1	.2							7.5	8.8
SW	.1	.6	1.3	.2								2.1	7.5
WSW	.1	.4	.2	.1								.9	6.6
W	.2	.5	.6									1.2	6.0
WNW	.1	.8	.2	.2	.2							1.5	8.0
NW	.4	.7	1.0	.9	.1							3.0	8.5
NNW	.6	1.1	2.0	1.6	.9							6.1	10.1
VARBL													
CALM												14.6	
	10.1	24.7	28.9	16.0	4.8	.6	.2					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1740

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLTED/FORT BUSINESS SYSTEMS

150024

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.9	2.6	3.7	1.1	.3	.3	.1				11.9	10.7
NNE	.9	1.8	3.1	2.3	1.6	.5						10.1	10.9
NE	.6	1.4	1.8	.2	.3							4.4	7.6
ENE	.5	.9	1.3	.1								2.7	6.2
E	.5	1.0	.3	.3								2.1	6.0
ESE	.3	.5	.3	.2								1.3	6.4
SE	.9	1.3	1.7	.2		.1						4.2	6.4
SSE	1.0	1.7	1.6	.8	.2							5.2	7.4
S	2.0	5.1	5.3	3.5	.6							16.4	8.0
SSW	.7	2.4	2.9	1.5	.3							7.7	8.3
SW	.3	.8	1.0	.2								2.4	6.5
WSW	.1	.4	.4	.1								1.0	6.4
W	.2	.8	.8									1.8	6.0
WNW	.1	.3	.4	.3	.1	.1						1.3	10.1
NW	.5	.5	1.0	.7	.2							2.9	9.0
NNW	.4	1.3	1.5	1.5	1.0	.1						5.8	10.9
VARBL													
CALM												18.7	
	9.9	23.1	26.0	15.6	5.3	1.0	.3	.1				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1739

1210 W5 FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GOVT BUS'NESS SYSTEMS

150024

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	2.8	3.2	.3	.1	.1					9.4	9.6
NNE	.5	.7	3.0	1.4	.4	.1						6.2	9.6
NE	.9	1.1	2.5	.6	.2							5.4	7.8
ENE	.6	.9	.7	.1								2.3	5.6
E	.5	.9	.8	.1								2.2	5.9
ESE	.4	.4	.5	.4								1.7	6.9
SE	.4	1.1	.9	.4								2.8	7.0
SSE	.9	1.5	1.9	.7	.1							5.2	7.3
S	1.7	4.5	6.0	3.5	.5							16.1	8.2
SSW	.4	2.1	4.2	2.2	.4							9.4	9.1
SW	.2	.7	1.0	.6								2.5	8.4
WSW	.3	.5	.4	.1								1.3	6.0
W	.6	2.4	.8	.1								4.0	5.4
WNW	.3	.9	.4	.1	.1							1.8	6.5
NW	.6	.9	1.8	.9	.2			.1				4.5	9.2
NNW	.6	1.0	1.9	2.0	.8	.1						6.5	10.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	18.7	
	10.0	21.5	29.8	16.3	3.2	.3	.1	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1611

1210 WS FORM JUL. 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGP BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.9	3.4	3.3	.6	.1	.1					10.0	10.2
NNE	.6	.7	2.9	1.9	.6							6.8	9.8
NE	.7	1.2	2.0	1.1	.1	.1						5.2	8.5
ENE	.5	.5	.8	.2	.1							2.0	6.7
E	1.1	.9	.7	.2								2.8	5.3
ESE	.3	.6	.9	.1								2.0	6.1
SE	.4	1.1	1.3	.4								3.2	6.9
SSE	.9	1.6	.9	.4								3.7	6.0
S	2.2	3.8	5.5	2.8	.1							14.3	7.6
SSW	.7	2.1	4.0	1.6	.4							8.8	8.5
SW	.1	.8	.9	.3								2.2	7.4
WSW	.4	.6	.7									1.7	5.8
W	.6	1.5	1.3	.2								3.5	6.2
WNW	.2	1.1	1.2	.2								2.8	6.9
NW	.6	.9	.9	1.3	.4	.1						4.2	9.7
NNW	.4	1.4	2.9	1.9	1.1	.1						7.7	10.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	19.0	
	10.4	20.7	30.3	15.7	3.5	.3	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1611

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150524

ATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	3.5	3.4	1.1	.2	.1	.1				10.2	11.2
NNE	.9	1.6	3.0	2.0	.1							7.6	8.5
NE	.6	.8	2.2	1.2	.1							4.8	8.4
ENE	.9	.8	1.3	.3								3.3	6.4
E	.6	1.0	.6	.1								2.3	5.2
ESE	.3	1.0	.6	.2								2.2	6.5
SE	.8	.7	1.6	.2								3.2	6.5
SSE	.7	1.9	2.0	.4								5.1	6.6
S	2.0	4.6	5.1	1.9	.1							13.7	7.2
SSW	.8	1.9	3.4	1.9	.3							8.3	8.5
SW	.2	.8	.6	.2								1.8	6.8
WSW	.2	.7	.6	.1								1.7	6.5
W	.6	1.3	1.5	.3								3.7	6.6
WNW	.4	1.2	1.0	.1	.1							2.8	6.6
NW	.7	1.4	1.9	1.3	.5							5.8	8.8
NNW	.7	1.4	2.5	3.0	1.5							9.1	10.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	14.5	
	11.4	22.2	31.2	16.7	3.8	.2	.1	.1				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1611

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	2.4	4.3	2.1	.2						11.0	12.1
NNE	.4	.8	2.4	2.0	.7	.1						6.5	10.7
NE	.4	1.2	3.1	1.7	.7	.1						7.2	9.7
ENE	.3	.7	1.7	.4								3.2	7.9
E	.2	.9	1.6	.4	.1							3.2	7.5
ESE	.1	1.1	1.0	.4	.1							2.6	7.5
SE	.3	.7	1.5	1.3	.1							4.0	9.1
SSE	.2	1.4	2.6	1.7	.1							6.0	9.0
S	.9	2.3	5.0	4.3	.5	.1						13.1	9.7
SSW	.7	1.4	3.4	3.9	.9	.5	.1					10.7	11.3
SW	.4	1.0	1.1	1.2	.4	.1						4.2	10.0
WSW	.1	.6	1.1	.5	.3							2.6	9.6
W	.1	.9	.9	.7	.1	.1						2.8	9.3
WNW	.2	.4	1.1	.7	.4							2.8	10.4
NW	.1	.7	1.8	1.5	.6							4.8	10.8
NNW	.2	.7	2.6	3.1	1.7	.4						8.7	12.9
VARBL													
CALM												6.6	
	5.3	16.2	33.3	28.2	8.6	1.6	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 1611

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (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	.8	1.6	3.7	3.8	1.6	.5	.1					12.1	11.6
NNE	.4	1.2	2.3	2.0	1.5	.2						7.6	11.4
NE	.4	.9	2.1	1.7	.3	.1						5.7	9.9
ENE	.4	.7	1.2	.5								2.8	7.6
E	.9	.8	.9	.2								2.9	6.0
ESE	.1	1.2	.9	.2	.1							2.5	7.0
SE	.1	.7	1.0	.6	.1							2.4	8.7
SSE	.6	1.6	1.9	2.2	.3	.1						6.6	9.4
S	.7	1.6	3.7	7.0	1.2	.2						14.5	11.5
SSW	.3	.7	2.9	4.3	2.1	.5						10.9	13.0
SW		.5	1.6	2.2	.7	.1						5.1	12.0
WSW	.1	.3	1.9	.9	.2							3.4	9.7
W	.2	.5	.7	1.1	.4	.1						3.0	11.6
WNW	.1	.5	.6	1.1	.4	.1						2.7	11.5
NW	.2	.8	1.6	1.6	.2	.2						4.5	10.8
NNW	.1	.9	2.5	3.5	1.9	.4						9.3	12.8
VARBL													
CALM												4.0	
	5.3	14.7	29.6	32.9	10.9	2.5	.1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 1610

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	3.2	4.7	1.3	.4						11.2	11.8
NNE	.2	.5	4.2	2.6	1.1	.3						8.9	11.6
NE	.7	1.4	3.0	1.7	.4	.2						7.6	9.3
ENE	.4	.9	1.3	.3	.1	.1						3.0	7.6
E	.4	1.1	1.2	.2								3.0	6.5
ESE	.2	.8	.9	.3								2.2	7.3
SE	.7	.7	1.6	.6	.1							3.6	7.6
SSE	.4	1.1	2.5	2.4	.4	.1						7.0	10.1
S	.6	1.6	5.8	4.9	1.0	.4						14.4	11.1
SSW	.4	1.4	3.3	4.2	1.9	.2						11.4	11.9
SW	.2	.8	.7	2.0	.6	.1						4.5	11.6
WSW	.1	.7	.5	.7	.2							2.2	9.7
W	.1	.3	.7	.6	.3							2.0	10.8
WNW		.6	.8	1.1	.3	.1						2.9	11.2
NW		.7	1.9	1.4	.4							4.5	10.4
NNW	.3	.9	2.0	2.8	1.6	.4	.1					8.0	12.6
VARBL													
CALM												3.7	
	5.3	14.7	33.6	30.6	9.7	2.2	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1611

ALLEN/FEBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AF8 (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.6	4.4	2.9	.7	.3	.1					11.1	10.0
NNE	.6	1.9	3.5	1.9	.3							8.3	8.9
NE	1.4	1.9	3.4	.7	.2							7.6	7.1
ENE	.9	1.1	1.4	.3								3.7	6.3
E	.6	1.4	.7	.1								2.7	5.3
ESE	.6	.6	.7	.2	.1							2.1	6.4
SE	.8	1.9	1.7	.5								4.9	6.7
SSE	1.0	2.7	3.7	1.6	.1							9.1	7.7
S	1.7	4.0	4.6	2.8	.7							13.9	8.3
SSW	.4	1.6	3.5	1.7	.2							7.4	9.1
SW	.1	1.0	.8	.3	.4							2.5	9.2
WSW	.2	.4	.1	.1								.9	5.8
W	.4	.7	.3	.3	.1							1.8	6.8
WNW	.5	.6	.4	.2	.2							2.0	7.3
NW	.1	.2	1.2	.5	.1							2.0	9.4
NNW	.6	1.3	2.4	1.8	.7	.3						7.1	10.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.9	
	10.9	22.9	32.9	16.0	3.7	.6	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1610

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.9	3.3	2.9	1.2	.2	.1					10.9	10.0
NNE	.6	1.6	3.8	1.9	.4							8.3	8.9
NE	.7	2.4	1.7	.4	.2							5.5	6.8
ENE	.4	.9	1.0	.1								2.4	6.2
E	.7	.9	.7									2.4	5.5
ESE	.4	1.0	.4	.3								2.1	6.1
SE	.9	1.4	1.1	.6								3.9	6.4
SSE	.6	1.9	3.8	.9	.1							7.3	7.7
S	1.9	3.7	6.4	2.9	.6	.1						15.5	8.4
SSW	.5	1.8	4.2	1.7	.4							8.6	9.2
SW	.2	.8	.6	.3	.2							2.1	8.7
WSW	.1	1.1	.2	.1	.1							1.7	6.8
W	.2	.9	.4		.1							1.6	6.7
WNW	.2	.6	.3	.4								1.5	8.1
NW	.1	.4	1.7	.6			.1					2.7	9.5
NNW	.4	.8	1.5	1.1	.8	.1						4.7	10.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	18.7	
	9.2	22.0	31.0	14.3	4.2	.4	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1611

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORM BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	3.6	1.6	.4	.3						8.8	9.0
NNE	.8	1.8	2.3	1.3	.7	.1	.1					7.1	9.4
NE	.8	1.6	2.7	.8	.3							6.2	8.0
ENE	.4	.5	.9	.2								1.9	6.7
E	.6	.9	.8	.2								2.4	5.9
ESE	.4	.4	.7	.2								1.6	6.7
SE	.3	1.0	.7	.6								2.6	7.3
SSE	1.1	1.9	3.7	2.3	.2							9.3	8.4
S	1.8	4.0	7.2	6.6	1.3	.1						21.0	9.6
SSW	.6	1.4	3.1	2.9	.8	.2	.1					9.0	10.8
SW	.2	.6	.8	.2								1.9	7.3
WSW	.1	.4	.2	.1								.8	5.8
W	.3	.5	.5	.3								1.5	7.0
WNW	.4	.5	.8	.2	.1							1.9	7.2
NW	.3	.8	.6	.5	.1	.1						2.3	8.4
NNW	.3	.9	1.5	1.0	.9	.2	.2					5.0	11.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.7	
	9.5	19.0	30.0	18.9	4.8	.9	.3					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1766

1210 WS FORM JUL 64 0-8-5 (Dat 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KORY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	3.3	2.1	1.0	.3						9.3	10.1
NNE	1.3	1.8	2.5	1.1	.5	.2	.1					7.5	8.8
NE	1.0	1.6	2.5	.7	.4							6.2	7.9
ENE	.5	.4	.7	.1								1.6	5.8
E	.3	.8	1.0	.2								2.3	6.7
ESE	.2	.6	.5									1.3	5.4
SE	.3	1.2	.8	.1	.1							2.5	6.8
SSE	.7	2.2	4.0	1.5	.2							8.6	8.3
S	2.2	3.5	6.2	5.1	.6	.1						17.7	8.8
SSW	.8	1.6	4.1	2.7	.5							9.7	9.3
SW	.7	.6	.6	.1	.2							2.1	6.2
WSW	.2	.4	.7	.2								1.4	7.4
W	.3	.6	.5	.2								1.5	6.5
WNW	.6	.8	.7	.3	.1							2.5	7.0
NW	.7	.9	1.0	.5	.2	.1						3.4	7.9
NNW	.6	1.2	1.3	1.0	1.2	.5						5.8	11.4
VARBL													
CALM												16.5	
	11.1	19.9	30.6	15.6	5.0	1.2	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (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	1.9	3.2	2.3	1.2	.5	.1					10.4	10.3
NNE	.2	1.6	2.2	1.6	.7	.3	.2					6.8	10.9
NE	.6	1.6	2.5	.9	.2	.1						5.9	8.1
ENE	.5	.6	1.5	.1	.1							2.7	7.1
E	.2	1.1	1.2	.1								2.6	6.8
ESE	.4	.8	1.0	.3								2.5	6.6
SE	.5	1.1	1.2	.2	.1							3.0	6.9
SSE	1.1	2.5	4.0	1.0	.5							9.1	7.7
S	1.9	2.6	5.6	4.6	.2							14.9	8.7
SSW	1.0	2.0	4.8	3.2	.3							11.2	9.2
SW	.2	.3	.8	.3	.1							1.7	8.5
WSW	.2	.6	.7	.3	.1							1.8	7.7
W	.5	.9	.6	.2	.1							2.2	6.6
WNW	.3	1.0	1.0	.3								2.6	6.9
NW	.6	.9	1.2	.7	.2	.1						3.7	8.4
NNW	.6	.9	1.9	1.4	1.6	.3						6.7	11.9
VARBL													
CALM												12.2	
	9.7	20.6	33.3	17.6	5.0	1.3	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLTYPE/FORM BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	2.5	3.3	1.5	.3	.1					9.2	12.4
NNE	.1	.5	1.6	3.0	1.7	.3	.1					7.4	13.6
NE	.3	.9	2.0	1.4	.4							5.0	9.8
ENE	.3	.5	1.9	.6								3.3	8.6
E	.6	1.2	1.6	.4								3.8	7.1
ESE	.2	.3	1.8	.5	.1							2.8	8.9
SE	.2	.7	2.4	.8								4.1	8.6
SSE	.6	1.4	4.0	2.7	.4	.1						9.2	9.6
S	.6	2.3	5.3	6.5	1.1	.2						15.9	10.8
SSW	.4	1.2	4.4	5.7	2.0	.2						13.9	12.0
SW	.4	.5	1.0	2.0	.5	.1						4.5	11.4
WSW	.1	.3	.6	.6	.1	.1						1.7	10.5
W	.2	.3	1.2	.7	.2	.1						2.7	9.9
WNW	.2	.5	.3	1.1	.5	.1						2.5	12.1
NW	.1	.3	1.2	1.0	.4	.2						3.2	11.6
NNW	.1	.5	1.9	2.4	2.0	.4						7.1	13.7
VARBL													
CALM												3.6	
	4.7	12.5	33.5	32.8	10.7	2.1	.2					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

1200-1400 (HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	2.9	4.2	1.2	.5		.1				10.1	12.2
NNE	.2	.6	1.9	1.0	1.2	.5	.1					5.4	12.7
NE	.6	.8	2.3	2.3	.3							6.3	9.6
ENE	.2	.6	1.9	.8	.1	.1						3.7	9.3
E	.2	.7	1.0	.1	.1							2.2	7.8
ESE	.2	.7	1.0	.3	.1							2.2	7.9
SE	.5	1.0	1.6	.9	.1							4.1	8.1
SSE	.4	1.3	2.7	3.2	.5	.1						8.2	1[illegible].5
S	.7	1.8	4.8	7.6	2.1	.3						17.3	11.7
SSW	.2	1.2	2.8	6.2	2.7	.9						14.0	13.4
SW	.2	.1	1.6	1.6	1.0	.2	.1					4.7	13.1
WSW	.1	.2	.7	1.1	.3							2.4	11.5
W	.3	.2	.8	1.1	.8	.2						3.5	12.8
WNW	.1	.2	.6	1.5	.6	.2						3.2	13.4
NW	.1	.2	.6	.7	.3	.1						2.1	12.0
NNW	.2	1.0	2.0	2.7	1.1	.7	.1					7.8	12.9
VARBL													
CALM												2.8	
	4.4	11.7	29.3	35.4	12.3	3.7	.2	.1				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBMY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	3.2	3.7	1.2	.1	.1					9.6	11.5
NNE	.1	1.0	2.7	2.5	1.0	.1	.1					7.6	11.6
NE	.4	1.1	2.9	1.9	.6							7.0	9.8
ENE	.2	.3	1.8	.8	.2	.1						3.4	10.1
E	.2	.6	1.2	.5								2.5	8.0
ESE	.3	.6	1.0	.3								2.1	7.3
SE	.3	1.2	1.8	.9	.1							4.2	8.2
SSE	.4	1.2	3.3	3.7	.6	.1						9.2	10.6
S	1.0	1.5	5.5	7.9	2.5	.3						18.7	11.9
SSW	.2	.8	2.5	5.3	1.8	.6	.1					11.2	13.4
SW	.1	.3	1.1	1.2	.3							3.1	11.0
WSW	.2	.2	1.0	.7	.2	.1						2.2	10.5
W	.1	.4	1.1	1.1	.5	.1						3.3	11.3
WNW	.2	.3	.7	1.2	.9	.3						3.6	13.4
NW	.1	.3	.6	1.2	.5							2.7	12.1
NNW	.3	.6	1.5	2.5	.9	.6	.1	.1				6.6	13.1
VARBL													
CALM												3.0	
	4.5	11.3	31.9	35.4	11.2	2.3	.3	.1				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GARY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.7	2.8	2.9	.8	.3						9.2	10.7
NNE	.5	1.6	3.1	2.2	.5	.1						8.0	9.7
NE	.7	1.8	2.7	.8	.1							6.2	7.6
ENE	.7	1.7	1.8	.2								4.4	6.3
E	1.0	1.6	1.4	.1	.1							4.1	6.2
ESE	.5	1.0	.4	.1								2.0	5.1
SE	.6	1.9	2.4	.8	.1							5.7	7.5
SSE	1.4	3.6	5.2	2.7	.3	.2						13.4	8.3
S	1.5	3.3	7.1	5.8	.8	.2						18.6	9.7
SSW	.5	1.0	2.3	2.0	.6							6.5	10.0
SW	.2	.4	.4	.2	.1							1.2	8.0
WSW	.1	.3	.6	.1								1.1	7.1
W	.2	.2	.7	.3	.1							1.6	9.0
WNW	.2	.5	.9	.4	.2							2.2	9.5
NW	.2	.5	.7	.7	.2	.1						2.4	10.2
NNW	.5	.5	1.8	1.4	.5	.2	.2					5.0	11.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.4	
	9.2	21.6	34.3	20.7	4.4	1.1	.2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1765

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/FORT BUSINESS SYSTEMS
350SF

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.3	3.3	2.5	.8	.3						9.9	9.8
NNE	.7	1.8	2.4	1.3	.8							7.1	9.1
NE	1.8	1.9	2.7	.4	.1							6.8	6.3
ENE	.7	1.1	.9	.3								3.0	5.9
E	.8	1.1	.8	.2	.1							2.9	6.1
ESE	.2	.8	.7	.1								1.8	6.2
SE	.7	1.4	1.8	.2								4.0	6.7
SSE	.9	2.8	4.1	3.7	.7	.1	.1					12.4	9.5
S	2.7	3.1	7.2	6.7	1.4	.3						21.5	9.8
SSW	.6	1.0	1.9	1.8	.6	.1						5.9	10.3
SW	.1	.3	.5	.3	.1			.1				1.4	10.3
WSW	.1	.2	.2	.1								.5	7.2
W	.2	.6	.7	.3								1.8	7.8
WNW	.1	.2	.3	.3	.1	.1						1.1	10.8
NW	.2	.3	1.0	.5	.1	.1						2.2	9.2
NNW	.1	.7	1.1	.6	.5	.2	.1					3.3	11.6
VARBL													
CALM												14.3	
	10.6	19.5	29.5	19.4	5.2	1.2	.2	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CENT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.0	1.2	.3	.1	.2					5.8	9.6
NNE	.6	1.5	1.8	.9	.4	.1						5.3	8.5
NE	.7	1.3	2.5	.9	.2							5.6	8.4
ENE	.2	.5	.8	.2								1.6	7.7
E	.7	.6	.8	.2								2.3	5.7
ESE	.5	.9	.6	.4	.1							2.4	6.9
SE	.2	.6	1.4	.6								2.8	8.2
SSE	1.1	2.5	5.8	3.9	.5	.1						14.0	9.3
S	1.5	4.2	8.3	8.5	1.5	.2						24.1	10.1
SSW	.7	1.7	4.2	3.2	.3	.1						10.1	9.4
SW	.4	.9	.8	.3								2.4	6.8
WSW	.2	.4	.2	.2								1.0	6.6
W	.2	.5	.6	.1								1.3	6.2
WNW		.5	.4	.3		.1						1.3	8.5
NW	.1	.6	.9	.2	.1							1.9	8.8
NNW	.3	1.0	.6	.3	.4	.2	.1					2.8	10.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	15.3	
	8.0	19.1	31.7	21.3	3.7	.7	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1710

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (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	.6	2.0	1.9	1.2	.6	.2						6.6	9.2
NNE	.5	1.4	1.5	.9	.5	.1						5.0	9.0
NE	.8	1.2	2.2	.9	.2							5.3	8.0
ENE	.4	.9	.9	.5	.1							2.8	7.5
E	.4	.6	.5	.1								1.5	6.3
ESE	.4	.6	.4	.5								1.8	7.3
SE	.8	1.5	1.5	.5	.1							4.3	7.2
SSE	.6	3.7	5.0	2.3	.2							11.9	8.2
S	2.1	4.5	8.3	6.4	.5							21.8	8.8
SSW	.6	2.5	3.9	1.8	.4							9.1	8.5
SW	.3	.9	1.2	.4	.1							2.9	7.2
WSW	.2	.5	.5	.1								1.3	6.2
W	.4	.6	.2									1.2	5.2
WNW	.2	.9	.6	.3	.1							2.1	7.6
NW	.1	.6	1.3	.4	.1	.1						2.6	8.8
NNW	.7	.9	.9	.8	.5	.4						4.2	10.2
VARBL													
CALM												15.7	
	9.1	23.5	30.7	17.1	3.2	.8						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1709

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORM BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0600-0800 (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	1.1	3.2	1.6	.5	.1						6.9	9.5
NNE	.5	1.1	1.5	1.6	.3	.1						5.1	9.6
NE	.5	1.3	2.1	1.6	.5	.1						6.1	9.6
ENE	.2	.7	.9	.5								2.3	7.8
E	.4	.6	1.5	.3								2.8	7.5
ESE	.3	.8	.9	.2								2.2	6.9
SE	.6	1.5	1.3	.6								4.0	6.9
SSE	1.2	3.6	6.0	2.9	.2							13.9	8.2
S	1.6	3.3	8.7	5.7	.2							19.5	9.0
SSW	.8	1.7	3.9	3.4	.2							10.0	9.4
SW	.2	.5	1.2	.8	.1							2.9	9.0
WSW	.4	.4	.5	.1								1.4	6.3
W	.2	.7	.6	.1	.1							1.8	6.9
WNW	.3	.9	.6	.4								2.2	6.8
NW	.5	.9	1.5	.2								3.1	6.8
NNW	.2	.5	1.1	1.4	.9	.3						4.4	12.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.3	
	8.5	19.7	35.5	21.4	3.0	.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1709

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	1.5	2.1	1.2	.4	.1					6.0	13.0
NNE	.2	.5	2.4	2.7	1.5	.2						7.4	12.3
NE	.1	.9	1.6	1.8	.9							5.4	11.1
ENE	.1	.7	1.4	.8	.1							3.2	9.3
E	.3	.6	1.6	.5								3.0	7.7
ESE	.1	.9	1.8	.8	.1							3.6	8.5
SE	.2	1.2	2.3	.9	.1							4.6	8.3
SSE	.2	1.5	4.1	4.4	.4							10.6	10.3
S	.7	1.7	7.9	8.9	2.9	.3						22.4	11.7
SSW	.2	1.2	3.7	5.4	2.8	.2						13.4	12.5
SW	.2	.3	2.0	1.9	.4	.1						4.9	11.0
WSW	.1	.5	.6	.5								1.8	8.7
W	.2	.4	.6	.6	.4							2.2	10.1
WNW	.1	.3	.7	.8	.3	.1						2.3	11.6
NW	.2	.4	.4	.8	.2							2.0	10.2
NNW	.2	.5	.9	1.6	1.0	.2						4.6	12.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.7	
	3.3	12.2	33.6	34.7	12.1	1.4	.1					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 1710

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALBERT/FEAT BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	1.6	2.7	1.0	.3	.1					6.8	12.1
NNE	.2	.4	1.7	2.5	1.6	.3						6.6	13.3
NE	.2	.7	1.3	1.8	.9	.1						4.9	11.8
ENE	.2	.5	1.9	.5		.1						3.1	8.6
E	.2	.8	1.6	.4	.1	.1						3.1	8.6
ESE	.1	.6	1.2	.5								2.5	8.0
SE	.4	1.2	2.0	.9	.1							4.7	8.4
SSE	.4	1.3	4.6	4.8	.8							11.9	10.6
S	.3	1.4	6.8	10.5	3.5	.5						22.9	12.6
SSW	.1	.9	3.0	6.4	3.1	.2						13.6	13.3
SW	.2	.6	.8	2.1	.5							4.2	11.5
WSW	.1	.2	.4	.8								1.5	10.4
W	.2	.1	.7	.7	.4	.1						2.2	12.1
WNW	.2	.3	.7	.8	.6							2.6	11.5
NW	.4	.3	1.1	1.1	.2	.1						3.0	10.3
NNW	.1	.3	1.2	1.8	.8	.1	.1					4.3	13.1
VARBL													
CALM												2.1	
	3.5	10.4	30.5	38.1	13.6	1.6	.2					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 1710

1210 W3 FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	2.0	3.3	.9	.2						7.3	11.9
NNE	.2	.6	1.5	3.0	.9	.4						6.7	12.5
NE	.1	.8	2.6	2.8	.3							6.5	10.8
ENE	.2	.5	1.4	.6	.1							2.9	9.2
E	.5	.4	1.5	.4		.1						2.9	7.8
ESE	.1	.2	1.5	.5	.2							2.5	9.4
SE	.4	1.0	2.5	1.3	.2	.1						5.4	9.3
SSE	.2	1.5	6.5	7.1	.8	.1						16.1	11.1
S	.5	1.6	6.4	10.9	3.0	.3						22.7	12.3
SSW	.1	.7	2.6	4.4	2.0							9.9	12.7
SW	.2	.2	.8	.9	.3							2.4	10.9
WSW	.1	.1	.6	.5	.1							1.4	10.6
W	.2	.2	.9	.3	.2							1.7	9.5
WNW		.2	.6	.8	.4							1.9	12.6
NW	.2	.2	.8	.6	.2							2.0	10.7
NNW	.2	.4	.8	2.2	.6	.2						4.5	12.7
VARBL													
CALM												3.2	
	3.3	9.4	32.9	39.7	10.2	1.2						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 1710

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.9	2.2	2.0	.5							7.2	8.8
NNE	.5	1.1	2.6	1.6	.5	.1						6.5	10.0
NE	.8	1.1	2.3	1.1	.3							5.6	8.3
ENE	.8	.9	1.4	.5	.3							3.9	7.8
E	.4	1.3	1.7	.2	.1							3.7	7.0
ESE	.2	1.1	1.1	.7	.2							3.2	8.9
SE	.4	1.9	2.7	1.1	.1							6.1	8.0
SSE	1.1	3.6	8.8	7.4	.8							21.6	9.6
S	.8	3.6	7.0	7.0	1.3	.2						19.9	10.3
SSW	.2	1.6	1.4	1.9	.4							5.5	9.5
SW	.1	.6	.9	.1								1.8	7.0
WSW	.1	.3	.3									.7	5.9
W	.1	.2	.5	.1	.1	.1						1.1	10.5
WNW	.2	.2	.2	.2		.1						.9	8.6
NW	.2	.5	.4	.4	.1							1.6	8.5
NNW	.3	.9	1.1	.9	.3							3.5	8.9
VARBL													
CALM												7.4	
	6.7	20.9	34.5	25.1	5.0	.4						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1710

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGNY BUSINESS SYSTEMS
150624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (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	.8	2.6	2.2	.9	.5	.2	.1					7.3	8.5
NNE	.7	1.5	1.9	1.1	.6							5.7	8.9
NE	.6	1.3	2.2	1.1	.2							5.4	8.1
ENE	.5	.6	1.0	.5	.1							2.7	7.4
E	.9	.6	.9	.1	.1							2.7	6.0
ESE	.4	.9	1.1	.2								2.5	6.7
SE	.8	1.1	2.2	.8	.2							5.1	7.8
SSE	.8	3.5	7.2	5.9	1.0	.1						18.5	9.8
S	.8	3.2	8.4	7.2	2.2	.1						21.8	10.5
SSW	.5	1.6	2.4	1.6	.5	.1						6.7	9.2
SW	.2	.2	.4	.1	.1							.9	7.3
WSW	.1	.4	.4	.1								1.0	6.9
W		.5	.2	.1	.1	.1						.8	8.7
WNW	.1	.4	.2	.2								.9	6.9
NW	.2	.9	.5	.1	.1		.1					1.8	7.3
NNW	.1	.9	.9	.5	.2	.1	.1					2.7	9.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	13.5	
	7.5	20.2	32.0	20.5	5.5	.6	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 1710

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	.9	.6	.3							3.7	7.9
NNE	.3	1.3	.8	.7	.2							3.3	8.6
NE	.6	1.3	1.3	.4	.1							3.6	7.1
ENE	.1	.8	.6	.3								1.8	7.2
E	.3	.9	.3	.1								1.5	5.4
ESE	.4	.9	.5	.1								1.9	5.5
SE	1.0	1.9	2.4	.8		.1						6.3	7.1
SSE	1.3	4.1	6.1	3.2	.1							14.9	8.1
S	2.1	4.3	11.9	9.0	1.3	.1						28.7	9.6
SSW	.5	2.3	4.0	1.9	.4	.1						9.2	9.1
SW	.2	1.0	.7	.3		.1						2.2	8.0
WSW	.3	.2	.2	.1								.7	5.3
W	.2	.4	.3	.1								.9	6.1
WNW	.3	.6	.6		.1							1.5	6.1
NW	.3	.4	.7	.1	.1							1.5	7.0
NNW	.7	.4	.6	.2	.2							2.0	7.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.1	
	9.1	22.2	31.7	18.0	2.6	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1817

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FAST BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	.5	.7	.1							3.5	6.7
NNE	.6	1.2	.9	.8	.1	.1						3.6	8.1
NE	.8	.8	1.7	.3	.1							3.6	7.2
ENE	.6	.9	.8	.1		.1						2.4	6.4
E	.7	.5	.3	.1		.1						1.7	5.7
ESE	.5	.4	.6	.1								1.5	5.4
SE	.9	2.1	2.4	.5	.1							6.1	6.9
SSE	1.4	4.7	5.0	1.9	.1							13.0	7.3
S	2.4	5.6	10.9	5.8	.3							25.1	8.4
SSW	.6	1.8	5.1	2.4	.3							10.2	9.1
SW	.1	.8	.7	.2								1.8	7.1
WSW	.2	.5	.1		.1							.8	5.5
W	.1	.7	.3	.1								1.2	6.2
WNW	.3	.5	1.2	.2	.1							2.2	7.5
NW	.6	.4	.8	.2								2.0	6.5
NNW	.5	.9	.4	.3	.3							2.4	7.8
VARBL													
CALM												18.9	
	11.2	22.8	31.7	13.8	1.5	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1818

ALLIED/EGAT BUSINESS SYSTEMS
150524

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.9	.9	.5	.3	.1						3.3	8.3
NNE	.8	1.2	2.1	.7	.2							5.0	7.9
NE	.2	.8	1.5	.6	.2							3.2	8.9
ENE	.5	.6	1.0	.2								2.3	6.8
E	.8	.8	.7	.1								2.4	5.2
ESE	.7	.9	.6									2.1	5.0
SE	.8	2.0	3.0	.8	.1	.1						6.8	7.5
SSE	1.4	3.0	5.3	3.2		.1						12.9	8.2
S	1.5	4.3	11.0	6.0	.3							23.1	9.0
SSW	.4	2.0	4.7	4.9	.9	.1						12.9	10.5
SW	.4	.7	1.1	.6	.1							2.9	6.0
WSW	.1	.9	.5	.2								1.7	7.3
W	.2	.4	.4	.2								1.3	6.7
WNW	.1	.6	.9	.3								1.8	7.7
NW	.7	.3	.9	.3	.1	.1						2.3	7.6
NNW	.4	.6	1.2	1.0	.1							3.4	8.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.5	
	9.6	20.0	35.8	19.5	2.3	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 1817

1210 WS FORM JUL 64 C-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/Ford BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	.9	1.4	.2							3.4	10.3
NNE	.4	.8	1.7	.7	.2	.2						4.0	9.3
NE	.2	.9	2.1	.9	.1							4.3	8.9
ENE	.6	.7	1.1	.5	.1	.1						3.1	8.6
E	.4	.6	.7	.1								1.7	6.5
ESE	.4	.6	1.2	.2								2.5	6.9
SE	.4	1.4	1.3	.7	.2							4.1	7.9
SSE	.6	1.6	6.8	4.2	.2							13.4	9.7
S	.8	2.6	8.9	11.9	2.7	.2						26.7	11.5
SSW	.4	1.4	4.8	7.4	2.8	.2						17.1	12.1
SW	.1	.8	2.2	1.4	.3	.1						4.9	10.5
WSW	.4	.3	.6	.4		.1						1.8	8.0
W	.3	.4	.7	.1								1.5	6.4
WNW	.1	.3	.9	.5	.1	.1						1.9	9.6
NW	.1	.3	.3	.5	.3							1.5	10.6
NNW	.2	.3	.9	1.3	.2							2.9	10.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.4	
	5.6	13.5	35.1	32.3	7.2	.9						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1818

1210 WS FORM JUL 64 C-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CCMY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (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	.8	1.4	1.2	.1							4.0	8.6
NNE	.3	.8	1.5	.9	.4	.1						4.0	10.0
NE	.4	.6	1.9	.8	.1	.1						3.8	9.1
ENE	.4	.7	2.0	.6	.2							3.9	8.5
E	.4	.9	.8	.4	.1							2.6	7.4
ESE	.2	.5	.7	.1	.1							1.6	7.2
SE	.2	1.3	1.4	.7	.2	.1						3.9	8.4
SSE	.4	1.8	6.2	6.7	.8							15.8	10.7
S	.5	1.8	8.5	13.2	4.3	.1						28.4	12.1
SSW	.2	1.0	4.6	6.2	2.7	.4						15.1	12.6
SW	.2	1.0	1.3	.9	.4	.1						3.9	10.0
WSW	.1	.4	.8	.3								1.6	8.2
W	.4	.1	.6	.1								1.2	5.9
WNW		.2	.2	.4	.2							1.0	12.4
NW	.2	.4	.4	.9								1.9	9.6
NNW	.2	.7	1.3	1.2	.3							3.7	10.4
VARBL													
CALM												3.6	
	4.7	13.0	33.5	34.5	10.0	.8						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 1821

ALLIED/FIRST BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	.3	.7	1.5	.9	.4							4.0	9.8
NNE	.1	.8	1.7	1.2	.2	.2						4.2	10.5
NE	.3	.8	2.1	.5	.2							3.9	8.4
ENE	.3	1.3	2.0	.6	.1							4.3	8.1
E	.6	1.2	1.4	.3	.2							3.6	7.3
ESE	.4	1.0	.7	.3	.1							2.6	7.1
SE	.2	1.8	2.5	2.7	.3							7.5	9.7
SSE	.5	2.3	7.9	9.4	1.1							21.2	10.9
S	.7	1.8	7.3	13.3	3.2	.1	.1					26.4	12.1
SSW	.3	.6	2.6	4.0	1.5	.1	.1					9.3	12.2
SW	.1	.8	.6	.8	.3							2.5	9.9
WSW	.3	.2	.4	.1								.9	6.4
W	.1	.2	.4									.7	6.7
WNW	.1	.4	.5	.2	.1							1.3	8.5
NW		.3	.7	.2	.1							1.3	9.2
NNW	.1	.1	1.2	1.4	.4	.1						3.2	11.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.1	
	4.4	14.2	33.6	35.9	8.2	.4	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1821

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	1.4	.8	.1	.1						3.8	8.6
NNE	.5	1.2	1.5	.9	.2	.1						4.4	8.6
NE	.4	.8	1.8	.3	.1	.1						3.5	8.0
ENE	.8	1.3	1.4	.4	.3	.1						4.2	7.4
E	1.0	1.5	1.2	.2	.1							4.0	6.0
ESE	.8	2.0	.8	.3	.1							4.0	6.1
SE	1.0	3.6	4.0	2.0	.3							10.9	7.9
SSE	1.8	4.4	11.0	6.4	1.0	.1						24.8	9.2
S	1.1	3.6	9.3	7.5	.8	.1						22.3	9.6
SSW	.7	.8	1.7	2.0	.3	.1						5.0	10.4
SW	.1	.2	.2	.1								.5	6.8
WSW	.1	.1	.2	.1								.4	7.6
W	.2	.4	.2									.8	4.6
WNW	.1	.2	.3	.1								.6	6.5
NW	.2	.3	.3	.1	.1							.9	7.9
NNW	.1	.7	.7	.3	.3							2.1	9.1
VARBL													
CALM												7.9	
	9.0	21.7	36.1	21.4	3.5	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1821

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KENT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	1.4	.8	.2							4.5	7.6
NNE	.5	.9	.7	.7	.1	.1						3.0	8.1
NE	.7	.9	1.0	.8	.2	.1						3.7	8.3
ENE	.5	1.0	1.0	.2	.1							2.7	6.2
E	.8	.6	.4	.4	.1							2.2	6.3
ESE	1.0	1.8	.8	.3								4.0	5.4
SE	1.9	3.4	3.0	1.1	.1							9.5	6.5
SSE	1.2	5.2	9.0	4.9	.4							20.6	8.7
S	1.6	3.4	9.7	7.7	1.2	.1						23.7	9.9
SSW		1.1	2.5	1.6	.9							6.0	10.6
SW	.1	.3	.2	.1								.7	7.2
WSW	.	.1	.3	.1								.4	8.4
W	.2	.2	.2	.1								.6	5.3
WNW	.1	.3	.3	.1								.8	7.4
NW	.1	.5	.1	.2	.1							.9	7.5
NNW	.3	.3	.4	.4	.2							1.6	9.0
VARBL													
CALM												15.2	
	9.8	21.1	30.9	19.5	3.4	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1620

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) | WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) | 42-45,49-64 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.4	.1								1.9	5.6
NNE	.8	.7	.7	.1								2.3	5.6
NE	.7	.3	.7	.2								1.9	6.3
ENE	.3	.6	.3	.1								1.3	5.5
E	.9	.7	.7	.2								2.4	5.4
ESE	.6	.9	.3	.1								1.8	5.1
SE	2.1	2.3	1.6	.6								6.6	5.8
SSE	2.1	4.6	5.6	1.9	.1							14.3	7.1
S	2.8	6.8	16.2	8.6	1.4	.1						35.9	9.1
SSW	.9	1.7	5.2	3.4	.3	.1						11.7	9.5
SW	.1	.9	.7	.4								2.2	7.4
WSW	.1	.1	.2	.1		.1						.4	9.6
W	.2	.3	.1									.6	4.7
WNW	.1	.2	.1									.4	5.4
NW	.2	.2	.2		.2							.8	7.6
NNW	.4	.2	.2	.1								.9	4.9
VARBL													
CALM												14.6	
	12.7	21.5	33.2	15.9	1.9	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1799

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	.8	.2		.1						2.7	6.7
NNE	.7	.9	.9	.1								2.6	5.5
NE	.8	.5	.5	.1	.1	.1						2.1	6.7
ENE	.3	.4	.4	.1		.1						1.3	7.5
E	.3	.6	.3	.1	.1							1.3	5.9
ESE	.6	.8	.2									1.6	4.6
SE	2.0	1.7	1.3	.1	.1							5.2	5.1
SSE	1.9	4.3	3.7	1.1								10.9	6.4
S	4.2	9.5	13.3	5.6	.3							32.9	7.6
SSW	.7	3.3	5.7	3.1	.1							12.8	8.4
SW	.1	1.1	1.1	.4	.1							2.8	7.8
WSW	.1	.3	.1	.1								.4	6.6
W	.2	.2	.3		.1							.7	6.8
WNW	.2	.2	.1									.6	4.7
NW	.3	.4	.3									1.1	5.2
NNW	.7	.6	.3	.1	.1	.1						1.7	5.7
VARBL													
CALM												19.2	
	13.6	25.9	29.2	11.0	.7	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1800

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORY BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUN (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	.7	.8	1.0	.3	.1							2.9	6.7
NNE	.4	.6	1.2	.6		.1						2.8	7.8
NE	.8	.9	1.2	.2								3.1	5.9
ENE	.2	.5	.7	.1			.1					1.6	7.3
E	.8	1.1	.5	.2	.1		.1					2.7	6.3
ESE	.3	.8	.3	.2	.1							1.6	6.2
SE	.9	1.8	1.3	.4								4.4	6.2
SSE	1.2	4.2	4.2	1.0	.1							10.7	7.0
S	2.9	7.1	12.5	6.8	.9		.1					30.3	8.5
SSW	.8	2.2	7.1	5.8	.5	.2						16.6	10.0
SW	.2	1.3	2.5	1.1	.3							5.4	8.9
WSW		.3	.6	.2								1.1	7.4
W	.4	.5	.3	.1								1.3	5.1
WNW	.2	.3	.1	.1	.1							.7	6.4
NW	.2	.4	.3									.9	5.5
NNW	.1	.8	.2	.2								1.3	6.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.5	
	10.2	23.7	34.0	17.2	1.9	.2	.2					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1799

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLTEC/EGBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-45,49-64 YEARS — JUN MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 55	>56	%	MEAN WIND SPEED
N	.6	.5	1.6	.8	.1							3.6	8.3
NNE	.3	.6	.6	.6		.1						2.1	8.6
NE	.7	.8	1.3	.4	.1	.1						3.3	7.2
ENE	.1	.6	.7	.4								1.8	7.9
E	.9	1.0	.7		.1							2.6	5.2
ESE	.4	.3	.6									1.3	5.6
SE	.7	1.2	1.4	.4								3.7	6.8
SSE	.9	2.1	4.6	2.3	.2							10.0	8.4
S	1.3	3.2	10.0	10.5	2.2							27.2	10.7
SSW	.3	1.9	7.2	12.3	2.7	.3						24.7	12.1
SW	.8	1.2	3.4	2.5	.5							8.4	9.6
WSW	.2	.5	.6	.4	.1							1.8	8.2
W	.4	.7	.4									1.5	5.2
WNW	.2	.3	.1		.1							.6	6.0
NW	.4	.3	.5	.1								1.3	6.0
NNW	.2	.3	.3	.3	.1							1.3	8.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.7	
	8.2	15.6	34.1	31.1	5.9	.4						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1799

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/TERRY BUSINESS SYSTEMS 150024

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	.9	.7								2.7	8.2
NNE	.3	.9	.9	.4	.2							2.8	8.6
NE	.3	.8	1.7	.7	.2							3.6	8.5
ENE	.3	.7	1.3	.4		.1						2.8	8.1
E	.7	.9	1.2	.3								3.1	6.6
ESE	.2	.6	.8	.2								1.8	7.4
SE	.6	2.0	2.5	1.2	.1							6.3	7.8
SSE	.5	2.2	6.7	4.5	.5							14.5	9.7
S	1.4	3.2	11.4	13.6	3.0	.1	.1					32.7	11.2
SSW	.4	1.4	5.7	8.1	2.5	.1						18.3	11.9
SW	.4	.7	1.3	1.1	.4	.1						4.0	10.2
WSW	.1	.1	.1	.2								.4	9.9
W	.1	.2	.5									.8	6.7
WNW	.1	.2	.2	.1								.5	6.6
NW	.2	.6	.2	.3								1.2	6.5
NNW		.4	.4	.5	.1							1.3	10.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.2	
	5.6	15.7	35.8	32.2	6.9	.4	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 1799

ALLIED/EGBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

1500-1700 (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	.7	1.3	.5	.1	.1						2.9	9.1
NNE	.4	.3	.9	.7	.1	.1						2.5	9.1
NE	.2	.9	1.7	.4								3.3	7.7
ENE	.1	.0	1.3	.5	.3							3.1	9.3
E	.7	1.6	2.1	.6	.1							5.1	7.3
ESE	.6	1.0	.8	.4								2.7	6.8
SE	.3	2.1	4.1	2.3	.2		.1					9.0	9.3
SSE	.7	1.6	10.2	9.4	.9							23.0	10.5
S	.5	2.8	10.7	15.0	2.9	.2						32.1	11.6
SSW	.1	.4	3.4	4.4	1.2	.2						9.8	12.2
SW	.2	.4	.7	.3	.1							1.7	7.9
WSW	.1	.2	.2	.1								.4	7.0
W	.1	.1	.2	.2								.6	8.6
WNW	.1	.1	.2	.1								.4	8.1
NW	.1	.3	.1									.4	6.7
NNW	.1	.4	.2	.6	.1							1.3	9.5
VARBL													
CALM												1.7	
	4.4	13.7	38.1	35.5	5.9	.6	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 1799

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBMY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	.4	.5	.2		.1					1.8	9.8
NNE	.3	.4	.7	.2	.1	.1						1.8	8.3
NE	.6	.7	1.4	.1	.2							3.0	7.3
ENE	.6	.6	1.3	.1		.1						2.7	7.0
E	.6	1.7	2.5	.2	.1							5.1	7.0
ESE	.8	1.6	1.8	.4		.1						4.6	7.0
SE	2.3	3.6	6.4	1.9	.3							14.5	7.5
SSE	1.2	5.2	15.9	6.9	.4							29.6	9.0
S	.6	4.1	11.2	9.1	1.5							26.4	10.1
SSW	.2	1.0	2.3	1.3	.1							4.8	8.9
SW	.1	.1	.2	.1	.1							.5	9.9
WSW		.2	.1	.1								.3	7.4
W	.1	.1	.2									.3	7.0
WNW	.1	.2		.1								.3	6.7
NW	.2	.3	.1									.6	4.3
NNW	.1	.1	.2	.2								.7	8.2
VARBL													
CALM												2.9	
	7.9	20.1	44.7	21.2	2.9	.2	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1798

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/EGNY BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 41-45,49-64 YEARS — JUN MONTH

ALL WEATHER CLASS

2100-2300 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 47	48 55	≥56	%	MEAN WIND SPEED
N	.2	.8	.5	.3								1.8	7.0
NNE	.6	.5	.3	.3								1.7	6.7
NE	.8	.8	.7	.1	.1							2.4	5.6
ENE	.5	.6	.6	.1	.1							1.8	6.3
E	1.2	1.4	1.5	.1		.1						4.3	5.9
ESE	1.6	2.2	1.4	.1								5.3	5.2
SE	2.5	4.6	3.9	1.1								12.1	6.2
SSE	1.9	6.2	10.5	4.3	.4							23.4	8.3
S	2.1	5.8	11.3	8.0	1.1	.1						28.2	9.2
SSW	.4	1.6	1.6	1.2	.1							5.1	8.5
SW	.1	.4	.2	.1								.8	7.1
WSW		.2	.1									.3	5.6
W			.2	.1								.2	10.8
WNW	.1		.1	.1	.1							.3	10.6
NW	.2	.1	.1									.4	4.6
NNW	.2	.3	.1	.1	.1							.8	6.9
VARBL													
CA'M												11.1	
	12.2	25.5	33.2	16.0	1.8	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1797

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FERRY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 TEXAS — JUL (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0000-0200 (HOURS (L S T))

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 16	17 21	22 27	28 33	34 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.1	.3									.8	4.9
NNE	.5	.5	.3	.2								1.5	5.6
NE	1.1	1.1	1.0	.1								3.2	5.4
ENE	.3	.7	.2	.3								1.5	6.7
E	1.3	1.1	.7	.1								3.2	4.8
ESE	.9	1.1	5									2.4	4.5
SE	1.2	2.3	1.2	.3								5.1	5.6
SSE	2.9	4.1	3.2	1.6	.1							11.7	6.3
S	4.0	11.1	16.4	7.6	.2							39.4	7.8
SSW	.9	2.7	6.2	3.9	.3							14.0	8.9
SW	.3	1.2	.6	.3								2.5	6.8
WSW	.1	.2	.2									.4	5.9
W	.1	.1										.2	3.0
WNW	.1	.1										.2	3.7
NW	.1	.2	.1									.4	5.4
NNW	.2	.3	.1									.6	5.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	13.1	
	14.4	26.6	31.1	14.3	.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1859

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/LORY BUSINESS SYSTEMS

ISC524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	.6	.4	.5									1.5	4.9
NNE	.7	.6	.3	.1								1.7	4.8
NE	.8	.9	.7	.1								2.5	5.5
ENE	.2	.4	.6	.2								1.5	7.4
E	.6	.3	.3									1.2	4.5
ESE	.7	.5	.2									1.4	4.1
SE	1.5	1.8	.8	.3								4.3	5.3
SSE	1.9	3.1	2.3	.1								7.4	5.3
S	7.7	12.0	14.8	2.8								37.5	6.3
SSW	1.2	5.2	8.0	1.7	.1							16.2	7.5
SW	.7	1.5	1.4	.1								3.6	6.1
WSW		.3	.1									.4	6.3
W	.2	.3	.3									.8	4.9
WNW	.2	.1	.1									.3	4.7
NW	.2	.4	.1									.6	4.8
NNW	.5	.2	.3	.1								1.1	5.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	18.1	
	17.8	27.8	30.8	5.4	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1860

ALLIED/EGBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.4	.5	.3								1.4	7.2
NNE	.5	.5	.6	.3								1.9	6.5
NE	.4	.9	.9	.2	.1							2.4	6.5
ENE	.4	.7	.9	.3		.1						2.3	7.3
E	.6	.7	.5	.1								1.8	5.2
ESE	.3	.4	.6	.1								1.4	6.8
SE	1.6	1.3	.5	.2								3.5	4.8
SSE	1.4	3.3	2.3	.7	.1							7.7	6.2
S	4.6	11.1	13.5	3.5	.1							32.7	6.9
SSW	1.0	5.2	8.5	5.3	.8							20.8	8.9
SW	.7	1.6	3.7	1.2	.1							7.3	8.0
WSW	.1	.4	.5	.1								1.1	7.4
W	.4	.9	.3	.1								1.6	5.1
WNW	.2	.1	.1									.4	4.5
NW	.1	.3	.2	.1								.7	6.0
NNW	.1	.5	.2	.2	.1							1.0	7.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.9	
	12.5	28.2	33.8	12.5	1.0	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6	.6	.2	.1							2.0	6.6
NNE	.3	.2	.9	.2		.1	.1					1.8	8.9
NE	.1	.9	1.9	.3	.1							3.2	8.0
ENE	.3	.4	1.2	.6	.2							2.7	8.9
E	.3	.5	.5	.2								1.5	6.8
ESE	.1	.3	.7	.2								1.3	8.0
SE	.5	.7	1.2	.1								2.5	6.1
SSE	.4	1.6	2.0	1.2	.1							5.3	8.1
S	1.0	4.2	10.5	6.4	.8							23.0	9.3
SSW	.9	4.6	10.6	10.3	1.1	.1						27.5	10.2
SW	.4	2.4	6.6	3.8	.3							13.5	9.3
WSW	.4	1.7	2.8	.6								5.5	7.4
W	1.0	1.7	.9	.1								3.7	5.2
WNW	.3	.7	.4	.1								1.5	5.9
NW	.2	.3	.3			.1						.8	7.3
NNW	.3	.2	.1	.2	.1							.8	7.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.4	
	7.0	21.0	41.5	24.2	2.6	.2	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ESNT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.4	.4								1.7	7.6
NNE	.2	.6	.8	.5	.3	.1						2.4	9.6
NE	.3	.6	1.1	.9	.1	.1						3.7	9.4
ENE	.2	.6	.8	.9	.1	.1						3.7	9.1
E	.4	1.3	1.1	.4	.1							3.3	7.6
ESE	.2	.6	1.1	.3	.1	.1						2.2	8.3
SE	.4	1.9	2.2	.8	.1							5.4	7.4
SSE	.9	3.0	4.9	2.4	.1							11.3	8.3
S	.6	4.7	14.7	9.0	.8							29.9	9.6
SSW	.3	2.9	7.5	7.7	1.3	.1						19.8	10.6
SW	.4	1.7	3.7	1.3	.4							7.5	9.0
WSW	.2	.8	1.3	.2								2.4	7.1
W	.4	.3	.4	.1								1.2	6.0
WNW	.1	.2	.4	.2								.9	7.6
NW	.4	.5	.1	.2								1.1	5.4
NNW	.3	.2	.2	.2	.1							.9	7.8
VARBL													
CALM												2.7	
	5.4	20.6	42.2	25.4	3.3	.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1859

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALDEN/ESBY BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	.3	.6	.1							1.7	8.6
NNE	.1	.3	.8	.1	.1		.1					1.4	8.8
NE	.3	.9	2.2	1.1	.2							4.7	9.1
ENE	.3	.5	1.3	1.5	.3							3.9	10.2
E	.6	.6	2.3	.9	.2	.1						4.6	8.6
ESE	.3	.8	2.0	.8	.1	.1						4.0	9.0
SE	.8	2.2	3.3	1.7	.2	.1						8.1	8.2
SSE	.5	3.3	7.4	5.9	.6							17.7	9.7
S	.6	4.4	14.6	9.4	1.0	.2						30.2	10.0
SSW	.5	1.8	6.0	5.4	.5	.2						14.5	10.3
SW	.3	.8	1.3	.8	.1							3.2	8.8
WSW	.2	.2	.5	.1								.9	7.1
W	.2	.4	.2			.1						.8	6.3
WNW	.1	.2	.2	.1								.5	6.6
NW		.3	.1	.2	.1							.6	8.5
NNW	.3	.2	.4	.1	.1							1.0	7.8
VARBL													
CALM												2.2	
	5.2	17.4	42.7	28.4	3.4	.6	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 · 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	.3	.2		.1						1.5	7.0
NNE	.3	.5	.3	.2	.1							1.4	7.4
NE	.2	.9	1.7	.5								3.3	8.2
ENE	.3	.7	1.7	1.0	.1							3.8	9.1
E	.6	1.4	3.3	.9	.1	.1						6.3	8.1
ESE	.6	1.3	2.5	.5	.2							5.2	7.4
SE	1.0	3.4	4.7	1.6	.2							10.9	7.7
SSE	1.7	7.2	10.7	5.4	.4							25.3	8.3
S	.9	5.1	14.3	8.1	.5							28.9	9.3
SSW	.1	1.1	3.6	1.9	.4	.1						7.1	9.9
SW		.2	1.0	.2	.1							1.4	8.5
WSW	.1	.2	.3									.6	6.3
W	.2	.1	.1									.4	4.6
WNW	.1	.1	.1									.2	5.8
NW	.1	.1	.2									.4	6.1
NNW			.3									.3	8.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.3	
	6.5	22.7	45.1	20.4	1.9	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KEAY BUSINESS CENTERS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	.3	.5		.1							1.1	6.6
NNE	.4	.4	.3	.3	.1							1.4	7.2
NE	.9	1.1	.8	.3				.1				3.2	6.2
ENE	.5	.7	1.0	.3								2.5	6.7
E	1.1	1.4	1.5	.3	.1							4.4	6.2
ESE	1.1	1.1	1.4	.3								4.0	6.0
SE	2.7	3.1	3.1	1.3								10.3	6.2
SSE	3.2	8.2	7.3	3.8	.1							22.4	7.1
S	2.1	8.2	13.2	7.4	.8							31.7	8.5
SSW	.6	1.9	2.9	2.1	.1							7.5	8.5
SW	.2	.2	.2	.1								.8	6.6
WSW	.1	.1	.4									.5	7.2
W	.1	.2	.1									.3	4.8
WNW		.1	.2									.1	5.5
NW	.2		.1	.1								.4	5.3
NNW	.2	.1	.2	.1								.5	6.1
VARBL													
CALM												9.1	
	13.7	26.9	32.9	16.2	1.1			.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1859

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.0	.4	.3								2.4	5.8
NNE	.5	.8	.6	.1								1.9	5.6
NE	.8	1.3	.7	.1								2.8	5.2
ENE	.5	.5	.3	.2	.1							1.5	6.0
E	1.0	1.1	.8	.2	.1	.1						3.1	5.9
ESE	.7	.6	.5	.3								2.1	5.8
SE	1.3	2.6	2.6	.2								6.7	5.8
SSE	1.4	3.5	4.0	.5								9.5	6.3
S	3.2	9.6	13.5	5.6	.4							32.3	7.8
SSW	1.0	4.1	6.8	3.4	.2							15.5	8.5
SW	.3	1.1	1.9	.2								3.5	7.1
WSW	.1	.4	.2	.1								.7	5.7
W	.1	.1	.2									.3	5.5
WNW	.1	.2	.1									.3	5.2
NW	.1	.1	.1	.1								.4	6.3
NNW	.3	.3	.3	.1								.9	5.3
VARBL													
CALM												16.2	
	11.9	27.1	33.0	11.1	.7	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGMT BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION | WACO TE AS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	.8	.1	.1							3.1	5.2
NNE	.5	.8	.5	.2								1.9	6.2
NE	.7	.7	.6	.1	.1	.1						2.3	6.6
ENE	.8	.7	.3	.1	.1							1.9	4.9
E	.6	1.5	.4	.1	.1	.1						2.7	5.7
ESE	.5	.3	.2			.1						1.1	5.0
SE	1.1	1.8	1.1	.2								4.2	5.4
SSE	2.3	4.1	1.7	.1								8.2	4.8
S	4.1	11.7	9.9	1.6	.1							27.3	6.3
SSW	2.3	5.0	7.4	3.1								17.8	7.6
SW	.4	1.9	1.2	.2								3.6	6.2
WSW		.5	.3	.1								.9	6.3
W		.4										.4	5.0
WNW	.3	.3	.2									.8	5.1
NW	.4	.2	.2									.9	4.8
NNW	.3	.4	.5									1.1	5.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.7	
	15.3	31.6	25.2	5.7	.3	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1859

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FENN BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	.5	.1								2.1	5.7
NNE	.4	.6	1.5	.3								2.8	7.6
NE	.6	1.4	1.2	.3	.1							3.5	6.6
ENE	.8	.8	.9	.1	.1							2.6	6.0
E	1.3	.9	.6	.1	.1		.1					3.0	5.5
ESE	.8	.5	.5	.1	.1	.1						1.9	6.0
SE	.9	1.7	1.0		.1							3.7	5.2
SSE	1.5	3.6	2.2									7.2	5.5
S	3.5	10.8	10.9	2.0								27.2	6.6
SSW	1.4	4.6	8.9	3.8	.4	.1						19.1	8.6
SW	.7	1.7	3.7	1.0	.1							7.1	7.8
WSW	.2	.4	1.1	.3								1.9	7.6
W	.3	.3	.4									1.0	5.2
WNW	.1	.2	.1									.4	5.0
NW	.3	.2	.2		.1							.7	5.8
NNW	.3	.4	.6	.3								1.6	6.9
VARBL													
CALM												14.1	
	13.4	29.2	34.0	8.3	.8	.1	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1860

ALLIED/ERY BUSINESS SYSTEMS
150534

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	.6	.4	.1							1.9	8.8
NNE	.5	.9	1.3	.4								3.1	7.4
NE	.4	.9	2.0	.5								3.7	7.9
ENE	.3	1.1	1.2	.2	.1	.1						2.9	7.5
E	.6	1.2	1.4	.2	.1	.1	.1					3.6	7.3
ESE	.3	.6	.8	.2								2.0	7.1
SE	.4	1.6	1.2	.4								3.6	6.5
SSE	.7	2.1	2.1	.1								5.0	6.3
S	1.0	5.2	9.3	4.2	.2	.1						19.9	8.5
SSW	.8	3.2	10.9	7.4	1.0							23.4	10.0
SW	.7	2.7	6.6	2.5	.2							12.7	8.6
WSW	.3	1.9	3.8	.6								6.7	7.8
W	.8	1.1	1.6	.1								3.5	6.2
WNW	.3	.4	.3									1.0	5.4
NW	.3	.2	.6	.1								1.1	6.2
NNW	.3	.4	.9	.2								1.7	7.6
VARBL													
CALM												4.1	
	7.7	24.0	44.7	17.6	1.6	.2	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/FOREY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	.5	.8	1.0	.8	.1							3.1	8.0
NNE	.3	.4	1.6	.9	.2							3.2	9.3
NE	.3	1.0	1.8	1.3		.1						4.4	9.0
ENE	.4	.7	2.2	.6	.1							4.0	8.2
E	.7	1.9	2.3	.6	.1							5.7	7.2
ESE	.4	1.2	1.4	.6	.1	.1						3.7	7.9
SE	.4	2.1	2.7	.7		.1						6.0	7.5
SSE	.5	3.6	5.4	1.3	.1							10.9	7.7
S	1.1	4.4	11.6	5.7	.4							23.2	9.0
SSW	.4	2.9	7.1	6.7	.5	.1						17.7	10.0
SW	.2	2.0	3.7	1.2	.1							7.3	8.3
WSW	.3	.9	1.2	.2								2.6	6.9
W	.6	.8	.6	.2								2.2	5.9
WNW	.2	.4	.6	.1								1.2	6.9
NW	.2	.3	.5	.2	.1							1.2	8.0
NNW	.1	.2	.6	.2								1.1	8.4
VARBL													
CALM												2.6	
	6.6	23.5	44.2	21.3	1.7	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1858

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/EGNY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	.4	.3	.8	.6								2.0	8.5
NNE	.2	.6	1.8	1.0	.2							3.8	9.6
NE	.2	1.3	2.7	.9	.1	.1						5.3	8.5
ENE	.2	.8	2.4	1.0	.2	.1						4.6	9.5
E	.5	2.0	3.2	1.3	.2	.1						7.3	8.2
ESE	.5	1.2	2.6	1.1								5.4	8.0
SE	.4	1.9	4.1	1.7								8.1	8.6
SSE	.6	2.7	9.5	2.6	.1	.1						15.5	8.7
S	.7	3.9	12.3	6.3	1.0	.1						24.2	9.5
SSW	.4	1.7	5.5	4.6	.2							12.3	9.7
SW	.1	1.0	1.9	1.0								4.0	8.8
WSW	.1	.2	.5	.3								1.1	8.8
W	.4	.4	.3	.1								1.2	5.4
WNW	.1	.2	.2	.3								.8	8.4
NW	.2	.2	.3	.2								.8	7.4
NNW	.1	.3	.4	.3	.1							1.1	9.3
VARBL													
CALM												2.5	
	4.9	18.6	48.3	23.3	1.9	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALBERT/PARK BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.9	.2		.1						1.8	8.1
NNE	.2	.8	1.2	.8	.1	.1						3.0	8.7
NE	.4	1.5	1.8	.5	.1							4.2	7.5
ENE	.5	1.8	1.8	.5	.2							4.9	7.6
E	1.0	3.0	2.8	.3	.3							7.3	6.7
ESE	.9	2.5	3.2	.6								7.2	7.0
SE	1.0	3.8	5.8	1.5	.1	.1						12.0	7.4
SSE	1.6	4.6	9.0	3.1	.3							18.6	8.0
S	1.2	6.6	12.5	5.1	.3							25.6	8.4
SSW	.4	1.8	3.2	1.6	.1							7.0	8.3
SW	.2	.8	1.0	.1								1.9	6.4
WSW		.2	.1									.3	6.6
W	.2	.2										.3	3.5
WNW		.1										.1	4.0
NW	.1	.1	.1		.1							.3	9.2
NNW	.1	.4	.5	.2								1.1	7.7
VARBL													
CALM												4.3	
	7.7	28.3	43.8	14.3	1.4	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 1860

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WIND

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.3	.3								1.7	6.4
NNE	.9	1.0	.8									2.6	5.0
NE	.8	1.5	1.1	.3								3.6	5.9
ENE	.4	.6	1.1	.2	.2							2.5	7.4
E	1.5	1.8	1.2	.3	.1	.1						5.0	5.9
ESE	1.7	2.5	1.9	.1								6.2	5.5
SE	2.7	5.6	3.6	.6								12.5	5.8
SSE	2.0	5.2	6.8	2.6	.1							16.7	7.4
S	2.6	6.8	12.4	6.0	.9	.1						28.8	8.5
SSW	.3	1.5	3.4	1.6	.2							7.0	9.0
SW	.3	.5	.6									1.4	5.8
WSW		.1		.1								.1	8.0
W	.1	.1	.1									.2	5.3
WNW	.1	.1	.2		.1							.3	9.2
NW	.2	.3	.1									.6	4.7
NNW	.2	.2	.3	.1								.7	6.5
VARBL													
CALM												10.1	
	13.9	28.4	33.9	12.1	1.5	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1857

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/LEAR BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.9	.2								4.7	6.1
NNE	1.1	1.7	1.6	.3	.3	.1						5.1	7.0
NE	.9	2.4	2.4	.6	.1							6.3	6.7
ENE	.9	1.5	1.3	.3	.1	.1						4.2	6.6
E	1.2	2.2	.5	.1								3.9	4.7
ESE	1.1	1.2	.4									2.7	4.8
SE	3.2	2.4	.9	.1								6.6	4.2
SSE	1.8	2.9	3.1	.6								8.4	6.2
S	3.1	8.1	7.9	3.2	.1							22.3	7.0
SSW	.6	1.9	3.0	.7	.1							6.2	7.4
SW	.3	.8	.7	.2								1.9	7.0
WSW		.3	.2	.1								.6	7.3
W	.6	.5	.2									1.3	4.4
WNW	.2	.4	.1									.7	5.1
NW	.5	.6	.3	.1	.1							1.6	6.1
NNW	.4	.5	.3	.3	.1							1.7	7.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.8	
	16.8	29.0	24.9	6.6	.7	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1800

1210 W5 FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	1.8	.6								4.9	6.5
NNE	.9	1.8	2.6	.8	.3	.1						6.6	7.9
NE	1.3	3.1	2.4	.4	.1							7.3	6.0
ENE	.7	1.7	.8	.3								3.4	6.0
E	1.3	1.9	.4			.2						3.7	5.2
ESE	1.0	1.5	.5	.2								3.2	4.9
SE	1.7	1.4	.6									3.7	4.2
SSE	2.2	2.7	1.6									6.4	4.9
S	4.3	7.2	5.8	2.4	.1							19.8	6.4
SSW	1.1	2.3	2.2	.8								6.4	6.9
SW	.4	.8	.4	.1	.1							1.8	6.1
WSW	.1	.3	.1	.1								.6	6.3
W	.4	.3	.1	.1								.9	4.3
WNW	.5	.3	.2									1.0	4.3
NW	.5	.5	.4	.1	.1							1.6	5.9
NNW	.3	.6	.5	.6	.1							2.0	8.4
VARBL													
CALM												26.6	
	18.1	27.6	20.4	6.4	.6	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1800

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 26801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	1.3	1.7	2.0	.9		.1						6.0	7.0
NNE	1.0	1.6	2.2	1.1	.2	.1						6.1	8.1
NE	1.8	2.7	3.0	1.2	.2							8.9	7.0
ENE	.9	1.5	1.5	.6								4.6	6.8
E	.9	1.8	.9	.1	.1	.1						3.9	6.0
ESE	.8	1.2	.7	.1								2.8	5.2
SE	1.4	1.4	.9	.3								3.9	5.3
SSE	2.2	4.0	1.9	.3								8.4	5.2
S	2.3	5.9	6.3	1.8	.1							16.4	6.9
SSW	.9	2.6	2.7	1.0	.1	.1						7.4	7.6
SW	.4	.9	.8	.1								2.2	6.0
WSW	.3	.3	.1									.7	4.0
W	.4	.4	.2	.1								1.1	5.0
WNW	.6	.4	.3	.1								1.4	5.0
NW	.7	.8	.3	.2								1.9	5.2
NNW	.3	.9	.9	.3		.1						2.5	7.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.7	
	16.3	28.1	24.8	8.2	.7	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1799

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/FORT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.9	1.3	.3	.1						5.3	9.0
NNE	.4	1.5	1.7	1.3	.2		.1					5.2	9.1
NE	.4	1.3	3.5	1.8	.4	.1						7.6	9.4
ENE	.6	1.2	1.9	.6	.1							4.4	7.6
E	.5	1.8	1.4	.6	.1	.1						4.5	7.5
ESE	.3	1.6	1.6	.4	.1	.1						4.0	7.4
SE	.9	1.8	1.9	.6	.1							5.3	6.6
SSE	.9	2.6	2.8	.6								6.8	6.7
S	1.3	4.5	7.2	3.7	.6	.1						17.3	8.5
SSW	.8	3.1	6.1	4.1	.6							14.6	9.4
SW	.6	1.2	2.9	.9	.1							5.7	8.0
WSW	.4	1.0	1.0									2.4	5.8
W	.7	1.0	.4									2.1	4.8
WNW	.1	.9	.8	.1								1.9	6.7
NW	.6	.5	.5	.1	.1							1.7	6.0
NNW	.1	.3	.6	.6	.1							1.7	9.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	9.6	
	9.2	25.4	36.3	16.5	2.6	.3	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1800

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ERY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.5	2.1	1.6	.3	.1						5.9	8.9
NNE	.4	.8	1.8	1.2	.6	.1	.1					4.9	10.4
NE	.7	1.7	5.0	2.4	.3							10.2	9.0
ENE	.4	2.1	2.7	1.3	.1							6.6	8.2
E	.9	1.9	2.7	.8	.1							6.4	7.2
ESE	.4	1.2	1.4	.4	.1							3.5	7.1
SE	.8	2.6	2.3	.3	.2	.1						6.2	7.0
SSE	.9	2.4	4.3	1.3	.1		.1					9.0	7.8
S	.8	3.5	9.9	5.8	.5	.1						20.6	9.3
SSW	.3	1.3	4.4	3.2	1.1	.1						10.3	10.6
SW	.2	1.1	1.3	.8	.1							3.6	8.5
WSW	.1	.5	.4	.3								1.3	7.8
W	.4	.7	.4	.2								1.8	6.0
WNW	.4	.6	.3									1.3	4.8
NW	.2	.4	.3	.2								1.1	6.8
NNW	.1	.6	1.0	1.0	.3							3.0	10.0
VARBL													
CALM												4.3	
	7.5	22.8	40.6	20.7	3.6	.3	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1800

1210 WS FORM JUL 64 0-8-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALSEP/EDBY BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	.9	1.9	1.8	.2							5.3	9.5
NNE	.3	1.1	1.9	1.8	.4	.1	.1					5.7	10.2
NE	.4	1.8	5.1	3.0	.4							10.7	9.3
ENE	.5	1.7	3.5	1.6	.2	.1						7.5	8.8
E	1.1	2.0	3.9	1.2	.1							8.3	7.7
ESE	.3	1.8	2.4	.7								5.2	7.5
SE	.7	2.7	3.4	.9	.1							7.8	7.5
SSE	.5	3.4	5.7	2.2								11.8	8.3
S	.7	3.3	7.0	6.1	.7	.1						17.8	9.9
SSW	.2	1.3	3.7	3.0	.3							8.4	9.9
SW	.2	.8	1.1	.2	.2							2.4	8.1
WSW	.1	.3	.2	.1								.6	6.5
W	.1	.4	.3									.8	5.9
WNW	.1	.4	.3									.8	6.1
NW		.3	.3	.1	.1							.8	8.6
NNW	.2	.4	.7	.6	.3							2.2	9.9
VARBL													
CALM												3.7	
	5.8	22.9	41.4	23.1	2.9	.2	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1800

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGNY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.9	1.3	.5								3.3	7.3
NNE	.6	1.4	2.9	.9	.2	.1						6.1	8.4
NE	1.2	3.6	3.0	.8	.1							9.6	6.8
ENE	.7	2.3	2.5	.3	.3							6.1	6.9
E	1.5	4.1	2.8	.7	.2	.1						9.3	6.4
ESE	1.8	3.	2.0	.3	.1	.1						7.4	5.8
SE	1.8	5.1	3.5	.7	.1							11.2	6.3
SSE	1.7	5.8	5.4	1.9	.1							14.8	7.0
S	1.4	4.6	5.8	2.2	.2							14.2	7.6
SSW	.3	1.1	1.9	.7								4.1	7.9
SW	.2	.5	.1	.2	.1							1.0	7.6
WSW	.1	.1	.1									.3	4.2
W		.2	.2									.3	6.8
WNW		.4	.1									.5	5.3
NW	.3	.4	.3	.1								1.2	5.2
NNW	.2	.3	.3	.6	.1							1.3	9.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	9.2	
	12.4	33.8	33.0	9.9	1.4	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1800

ALLIED/EARY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.9	1.9	.2								3.9	6.5
NNE	1.1	1.9	1.9	.6	.2							5.8	7.0
NE	1.3	2.6	3.3	.4	.1							7.8	6.6
ENE	1.2	1.8	1.4	.5	.1	.1						5.1	6.7
E	1.9	2.6	1.7	.2		.1						6.5	5.6
ESE	1.1	2.8	.8	.1								4.8	5.0
SE	3.3	4.6	2.8	.4								11.2	5.2
SSE	1.7	4.9	3.8	1.5	.1							11.9	6.8
S	1.8	5.4	6.9	2.9	.1							17.2	7.6
SSW	.5	1.5	1.6	.7								4.3	7.3
SW	.1	.6	.3	.2	.1							1.1	7.5
WSW	.1	.1	.1									.3	5.4
W	.1	.3										.4	4.3
WNW		.1		.1								.2	9.0
NW	.2	.3	.2	.1								.7	6.0
NNW	.3	.4	.5	.4	.2							1.8	8.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.9	
	15.4	30.9	27.5	8.3	.8	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1800

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150534

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.1	2.0	1.6								7.2	7.1
NNE	.7	1.8	2.1	1.3	.2							6.0	8.1
NE	.9	2.3	2.2	.8	.3	.1						6.6	7.4
ENE	.3	.8	.9	.1								2.0	6.3
E	.4	1.1	.3	.1								1.9	5.7
ESE	.7	.5	.4	.1								1.6	4.8
SE	1.2	1.9	.4	.1	.1							3.7	4.9
SSE	2.0	2.2	3.1	.8	.1							8.1	6.6
S	2.9	5.8	8.0	2.7	.1							19.4	7.4
SSW	.8	2.4	3.2	1.2	.1	.1						7.7	7.9
SW	.5	.7	.6	.4								2.3	7.1
WSW	.3	.3	.1									.6	4.2
W	.4	.9	.2									1.5	4.6
WNW	.3	.7	.3									1.3	4.8
NW	.4	1.2	.8	.1	.1							2.5	6.0
NNW	.5	1.2	1.2	.4	.2	.2						3.8	8.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	23.8	
	13.8	25.7	25.9	9.6	1.0	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1859

1210 WS FORM JUL 64 0-8-5 (Del .50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GRAY & WHESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | OCT MONTH

ALL WEATHER CLASS

CONDITION

0300-0500 HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	2.4	1.6	.2							7.9	7.7
NNE	.9	1.9	2.0	.9	.1							5.9	7.4
NE	1.2	2.5	1.7	.7	.1	.1						6.2	6.8
ENE	.3	.5	.4	.1	.1							1.4	6.5
E	.6	1.3	.5	.1	.1	.1						2.8	6.0
ESE	.7	.6	.1	.1								1.5	4.5
SE	1.5	1.6	.5		.2							3.8	5.2
SSE	1.8	3.2	2.0	.1								7.1	5.2
S	2.5	5.7	5.8	1.9	.1							16.0	6.9
SSW	.6	1.7	2.1	.8								5.3	7.3
SW	.3	.9	.5	.3	.1							2.0	6.9
WSW	.4	.6	.2									1.1	4.7
W	.4	1.1	.5									2.0	5.0
WNW	.7	.8	.4	.1								1.9	4.8
NW	.9	1.2	1.6	.3								4.1	6.4
NNW	.9	1.3	1.6	.4	.2	.1						4.4	7.2
VARBL													
CALM												26.7	
	15.2	27.2	22.2	7.4	1.2	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/EBEY BUSINESS SYSTEMS 15/224

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	.9	1.9	3.3	1.7	.1	.1						8.0	8.1
NNE	.8	1.7	1.8	1.5	.2	.1						6.0	8.5
NE	1.0	2.0	2.4	1.0	.2							6.7	7.4
ENE	.5	1.0	.8	.3	.2	.1						2.8	7.1
E	.8	.8	.8	.1								2.4	5.3
ESE	.4	1.0	.3									1.8	5.1
SE	1.3	2.5	1.0									4.8	5.0
SSE	1.5	3.1	2.0	.2	.1							6.7	5.8
S	2.2	5.4	5.6	1.2	.3							14.7	6.9
SSW	.4	2.0	3.1	.8	.1							6.3	7.6
SW	.4	.9	1.3	.5								2.7	7.8
WSW	.3	.3	.3	.1								.9	5.4
W	.6	1.1	.3	.1								2.1	5.0
WNW	.3	.7	.3	.1	.1							1.5	6.2
NW	.9	1.5	1.2	.4	.1							4.0	6.3
NNW	.7	1.5	2.2	.8	.2	.1						5.3	7.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	23.3	
	13.0	26.9	26.7	8.5	1.3	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WIND

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	2.4	2.6	.3							6.7	10.1
NNE	.3	.9	1.7	2.4	.6	.1						5.9	11.2
NE	.6	2.3	2.6	2.3	.4	.2						8.3	9.4
ENE	.3	.6	2.3	.4	.1	.1						3.8	8.5
E	.3	1.6	1.2	.4	.1							3.5	7.1
ESE	.5	.5	.6	.2								1.9	6.3
SE	.1	1.2	1.7	.3								3.2	7.2
SSE	.8	2.0	3.5	1.5	.1							7.8	7.8
S	1.5	3.7	8.8	4.1	.4	.1						18.6	8.9
SSW	.3	2.3	5.4	4.0	.8	.1						12.8	10.0
SW	.7	1.5	2.9	2.0	.3							7.5	9.1
WSW	.6	.8	.5	.1	.1							2.1	6.5
W	.9	1.3	.5	.1	.1							2.8	5.1
WNW	.2	.2	.3	.2	.1	.1						1.0	9.2
NW	.3	.6	.8	.3	.1							2.2	7.9
NNW	.3	.6	1.5	1.3	.5							4.3	10.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	7.4	
	8.2	21.1	36.6	22.2	3.8	.6						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/Gary BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

1200-1400 (HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	2.3	2.2	1.0							7.6	10.9
NNE	.4	1.0	2.7	2.4	.6	.3	.1					7.4	10.8
NE	.6	1.3	3.4	2.9	.5	.1						8.9	9.9
ENE	.6	.8	2.0	.7	.1	.1						4.3	8.5
E	.4	1.4	1.0	.6								3.4	7.2
ESE	.3	.9	.8	.1								2.1	6.2
SE	.4	1.5	1.4	.2								3.5	6.4
SSE	.5	1.5	3.7	2.4	.1							8.1	9.0
S	.9	3.3	7.6	5.6	.9	.1						18.4	9.8
SSW	.3	1.6	4.6	5.1	1.2	.2						13.0	1..9
SW	.4	1.3	3.2	1.6	.5	.1						7.1	9.8
WSW	.2	.6	.8	.2	.1							1.7	7.3
W	.3	.5	.6	.2								1.7	6.7
WNW	.2	.3	.7	.2	.1							1.4	8.0
NW	.4	.8	.8	.5	.1							2.6	8.0
NNW	.3	.6	1.6	1.1	.9	.1						4.5	10.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.4	
	6.5	18.3	37.3	26.7	6.0	.9	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGMT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	3.4	2.5	.5							8.1	9.9
NNE	.3	1.0	2.7	2.0	.9	.2						7.1	10.8
NE	.5	1.6	4.6	2.5	.4							9.6	9.6
ENE	.5	1.7	2.0	1.2	.2	.1						5.6	8.3
E	1.2	1.9	1.8	1.0								5.9	6.8
ESE	.5	.8	1.1	.2								2.5	6.3
SE	1.0	2.0	1.6	.3								4.9	6.2
SSE	.7	2.9	4.7	2.5	.3							11.1	8.6
S	.8	4.1	8.1	6.0	.4							19.5	9.2
SSW	.2	1.3	4.1	2.9	.6	.1						9.1	10.4
SW	.4	.9	1.0	.9	.1							3.3	8.6
WSW		.3	.4	.1	.1							.8	8.4
W	.2	.3	.2	.1								.9	6.0
WNW		.2	.3	.2	.1							.6	10.0
NW	.2	.3	.9	.3	.2	.1						2.0	9.9
NNW	.2	.7	1.2	1.5	.6	.2						4.3	11.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.7	
	7.0	21.3	38.0	24.0	4.4	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/CORY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (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	.8	2.2	2.5	1.2	.5	.3						7.5	8.7
NNE	.6	1.4	2.5	.9	.1	.1						5.6	7.9
NE	1.0	3.1	3.7	.7	.1							8.7	7.0
ENE	1.1	1.6	1.4	.2	.1							4.4	5.8
E	1.5	2.1	.6	.4								4.7	5.3
FSE	1.6	1.4	.4	.2								3.6	4.7
SE	2.2	4.5	2.7	.2								9.5	5.4
SSE	1.8	5.4	4.6	1.3	.2							13.4	6.7
S	2.5	6.1	5.9	1.6	.2							16.3	6.7
SSW	.8	1.6	1.9	.4	.1	.1						4.8	7.3
SW	.1	.6	.2									.9	5.4
WSW	.1	.1	.1	.1								.3	5.8
W	.1	.2										.2	4.5
WNW	.1	.3										.4	4.1
NW	.1	.4	.3	.2								1.0	7.4
NNW	.4	1.4	1.2	.6	.2	.2						3.9	8.4
VARBL													
CALM												14.8	
	14.6	32.4	28.1	8.1	1.4	.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1859

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAT BUSINESS SYSTEMS
150024

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	2.0	1.5	.5	.1						7.0	8.7
NNE	1.2	2.0	1.9	1.0	.2	.1						6.4	7.7
NE	1.2	3.0	2.4	1.1								7.7	6.9
ENE	.5	1.0	.8	.1								2.4	5.8
E	1.0	1.3	.7	.2								3.2	5.7
ESE	.8	1.0	.5	.1								2.4	5.0
SE	2.0	2.8	1.5	.4								6.7	5.5
SSE	1.7	4.5	3.1	1.7	.1							11.1	6.8
S	2.1	4.7	6.6	2.6	.2							16.2	7.5
SSW	.7	2.0	2.4	1.3	.2	.1						6.7	8.4
SW	.5	1.0	.5	.1								2.0	5.8
WSW	.2	.1	.1		.1							.4	5.8
W	.3	.4										.7	3.6
WNW	.1	.5	.2									.8	5.5
NW	.3	.4	.6	.3								1.6	6.7
NNW	.5	1.1	.7	.5	.2	.1						3.0	8.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.7	
	14.2	27.4	24.2	10.8	1.3	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FERRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.8	3.4	2.6	2.1	.2						12.2	10.3
NNE	.7	1.3	2.0	1.3	.5	.2						6.0	9.8
NE	.4	1.4	2.3	.6	.4	.1						5.1	8.7
ENE	.4	.6	.9	.2								2.1	7.1
E	.3	.5	.2	.1								1.0	5.0
ESE	.2	.6	.2	.1								1.0	5.8
SE	.5	1.4	1.1	.1								3.0	5.9
SSE	1.1	2.3	2.2	.5								6.1	6.4
S	1.9	5.9	7.7	2.1	.2							17.8	7.3
SSW	.7	1.1	3.5	1.6	.2							7.1	8.8
SW	.4	.9	.8	.5								2.6	7.2
WSW	.5	.8	.3	.1								1.6	5.3
W	.5	1.4	.4	.2								2.4	5.5
WNW	.2	1.2	1.2	.1								2.7	6.5
NW	1.1	1.8	2.0	.6	.1	.1						5.6	6.9
NNW	.5	1.2	1.3	.9	.5							4.4	9.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	19.2	
	10.1	25.2	29.4	11.6	4.0	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1709

ALLIED/EGBY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.8	3.4	2.6	2.1	.2						12.2	10.3
NNE	.7	1.3	2.0	1.3	.5	.2						6.0	9.8
NE	.4	1.4	2.3	.6	.4	.1						5.1	8.7
ENE	.4	.6	.9	.2								2.1	7.1
E	.3	.5	.2	.1								1.0	5.0
ESE	.2	.6	.2	.1								1.0	5.8
SE	.5	1.4	1.1	.1								3.0	5.9
SSE	1.1	2.3	2.2	.5								6.1	6.4
S	1.9	5.9	7.7	2.1	.2							17.8	7.3
SSW	.7	1.1	3.5	1.6	.2							7.1	8.8
SW	.4	.9	.8	.5								2.6	7.2
WSW	.5	.8	.3	.1								1.6	5.3
W	.5	1.4	.4	.2								2.4	5.5
WNW	.2	1.2	1.2	.1								2.7	6.5
NW	1.1	1.8	2.0	.6	.1	.1						5.6	6.9
NNW	.5	1.2	1.3	.9	.5							4.4	9.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	19.2	
	10.1	25.2	29.4	11.6	4.0	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1709

ALLIED/EGRY BUSINESS SYSTEMS
150524

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.3	2.9	3.3	1.6	.2						11.2	10.7
NNE	.6	1.9	1.9	1.6	.8	.2						7.0	9.5
NE	.4	1.3	1.8	.9	.3							4.7	8.5
ENE	.1	.7	1.1	.2								2.0	7.7
E	.5	.7	.5	.1								1.8	5.2
ESE	.3	.6	.4	.1								1.4	5.5
SE	.6	1.6	.8	.4								3.5	6.3
SSE	.9	2.8	3.0	.7	.1							7.5	7.0
S	2.0	4.3	6.9	2.6	.1							15.8	7.5
SSW	.6	1.8	3.4	1.8	.2							7.8	8.7
SW	.5	.6	.4	.2								1.8	6.3
WSW	.4	.8	.3	.1								1.5	5.7
W	.5	1.1	.5	.2								2.2	5.8
WNW	1.0	.8	.6	.4								2.9	5.9
NW	.7	1.5	2.1	1.1	.1	.1						5.5	8.0
NNW	.7	1.2	2.2	1.5	.5	.2						6.2	9.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	17.3	
	10.6	24.0	28.9	15.0	3.6	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1710

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ARMY BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WIND

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	3.1	3.7	1.5	.5	.1	.1				10.5	12.3
NNE	.4	.7	2.7	1.9	1.7	.4						7.8	12.2
NE	.3	1.3	2.3	1.7	.5	.2						6.2	10.0
ENE	.2	.8	1.3	.5	.1							2.9	8.4
E	.2	.5	1.0	.4								2.1	8.2
ESE	.1	.2	.4	.1								.8	7.6
SE	.4	1.1	1.2	.2								2.9	6.4
SSE	.8	2.3	2.6	1.8	.1							7.6	8.2
S	1.2	3.2	7.0	5.1	.9	.2						17.7	9.6
SSW	.4	1.8	3.6	4.0	2.2	.3						12.3	11.6
SW	.3	1.5	1.7	1.6	.5							5.6	9.5
WSW	.2	.6	.9	.2	.1							1.9	7.6
W	.2	.9	.6	.2		.1						2.0	7.3
WNW	.2	.3	.5	.1	.1	.1						1.2	8.3
NW	.3	.5	1.1	1.3	.5	.1						3.7	10.7
NNW	.2	.4	2.0	2.3	.9	.1						6.0	11.9
VARBL													
CALM												8.8	
	5.8	17.5	31.9	24.9	9.1	1.9	.1	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1710

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CENT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	3.9	4.4	2.2	.2	.1					12.3	12.0
NNE	.2	1.1	2.0	1.9	1.3	.2						6.8	11.7
NE	.3	1.1	1.9	1.1	.6							5.0	9.9
ENE	.2	.4	1.3	.9								2.8	9.0
E	.2	1.0	.8	.2								2.2	6.9
ESE	.2	.3	.7	.1								1.3	7.4
SE	.3	1.1	.7	.4	.1							2.5	7.4
SSE	.3	1.1	2.2	1.4	.2							5.2	9.1
S	.6	2.1	7.0	5.7	1.6	.2						17.2	10.6
SSW	.2	1.5	3.6	5.3	3.6	.4						14.5	12.9
SW	.5	.8	2.2	3.0	.5	.1						7.0	10.8
WSW	.2	.7	.6	.4	.2							2.2	8.3
W	.4	.8	.9	.3	.3							2.6	8.5
WNW	.2	.6	.9	.2	.2	.1						2.3	8.7
NW	.1	.6	1.4	.9	.6							3.8	10.7
NNW	.4	.4	1.9	2.7	1.2	.4						7.1	12.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.2	
	4.6	14.7	32.1	29.0	12.7	1.6	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1710

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ERMY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	3.9	3.7	1.2	.2	.1					11.4	11.0
NNE	.2	.8	2.0	2.0	.9	.2						6.1	11.6
NE	.6	2.3	3.1	1.3	.5							7.9	8.5
ENE	.2	1.2	1.1	.3	.1							2.8	7.0
E	.1	.9	1.0	.2								2.2	6.9
ESE	.2	.5	1.0	.2	.1							2.0	7.7
SE	.5	1.5	1.2	.1	.1							3.3	6.2
SSE	.5	2.0	3.5	1.5	.2							7.8	8.3
S	.8	3.3	6.9	6.6	1.2	.2						19.1	10.2
SSW	.4	.9	3.0	3.7	1.8	.2						10.0	11.9
SW	.3	.7	1.2	1.7	.2							4.2	10.3
WSW	.2	.8	.6	.2								1.7	6.7
W	.4	.8	.8	.6	.1							2.6	7.9
WNW	.1	.2	.4	.4	.2	.1						1.3	11.6
NW	.3	.5	1.6	.5	.2							3.1	8.9
NNW	.1	.8	2.2	3.2	1.5	.2						8.0	12.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.6	
	5.7	18.7	33.5	26.2	8.3	1.1	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 1709

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150504

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.0	3.2	2.0	.6	.2	.1					10.9	8.7
NNE	.5	1.2	2.2	1.7	.6	.2						6.4	10.3
NE	.9	2.5	1.9	1.0	.2	.1						6.6	7.4
ENE	.9	1.4	.7	.1	.1							3.3	5.9
E	.7	1.2	.9	.3								3.2	6.1
ESE	.5	.8	.9	.2								2.3	6.4
SE	.5	2.9	1.7	.1								5.2	5.9
SSE	1.4	4.2	3.1	1.2								9.9	6.7
S	2.2	6.7	6.8	3.0	.4	.1						19.1	7.6
SSW	.7	.9	2.6	1.7	.1							6.0	8.9
SW	.5	.8	.8	.2								2.2	6.2
WSW	.3	.4	.1									.8	4.2
W	.2	.9	.2	.1								1.5	5.6
WNW	.4	.5	.5	.2								1.6	6.5
NW	.6	1.4	.9	.2	.1	.1						3.3	6.6
NNW	.5	1.8	1.5	.8	.4	.2	.1					5.2	9.3
VARBL													
CALM												12.6	
	11.6	31.7	28.0	13.7	2.4	.8	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1710

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CERF BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.2	2.8	2.3	.9	.4	.1					10.9	9.5
NNE	.5	1.1	2.0	1.2	.5	.1	.1					5.5	9.9
NE	.9	1.8	2.2	.9	.2	.1						6.0	7.9
ENE	.4	.6	.8		.1							1.9	6.2
E	.6	.9	.5	.1								2.0	5.1
ESE	.4	.6	.3									1.2	4.9
SE	.7	2.0	1.0	.2	.1							3.9	5.9
SSE	.6	3.2	2.6	1.5	.1							8.0	7.6
S	1.7	4.9	6.4	5.0	.9	.2						19.1	9.0
SSW	.4	2.6	2.8	1.7	.1	.1						7.6	8.3
SW	.1	.8	.9	.1								1.9	6.6
WSW	.1	.6	.2		.1							.9	6.4
W	.5	.9	.6	.1								2.2	5.6
WNW	.3	.9	.7									1.9	5.7
NW	.4	.6	1.5	.3	.1	.1						2.9	8.0
NNW	.8	1.7	1.9	.8	.2	.2						5.5	8.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	18.4	
	9.5	26.4	27.2	14.0	3.3	1.1	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1709

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS 150534

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.5	4.7	2.4	1.8	.4	.1					12.8	10.3
NNE	.5	1.3	1.7	1.3	.3							5.2	9.0
NE	.5	.6	1.8	.9	.1							3.9	8.4
ENE	.2	.5	.6	.2								1.5	7.3
E	.2	.3	.4	.2								1.2	7.5
ESE	.4	.5	.1	.1								1.0	4.6
SE	.6	1.1	.6	.4								2.7	6.5
SSE	.8	1.5	1.8	.4								4.5	6.7
S	2.3	5.8	6.7	2.6	.5	.1						18.1	7.6
SSW	.8	1.9	3.3	1.2	.2	.1						7.6	8.0
SW	.4	.8	.5	.1								1.8	5.5
WSW	.2	.6	.4	.1	.1							1.4	6.6
W	.6	1.0	1.6	.1								3.3	6.2
WNW	.6	.6	1.1	.2	.2							2.7	6.8
NW	.7	2.2	1.6	.6	.3							5.4	7.2
NNW	.6	1.4	2.6	1.6	.6	.2						7.0	9.8
VARBL													
CALM												20.2	
	10.6	22.6	29.6	12.3	4.0	.7	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (Dpt 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ESAY BUSINESS SYSTEMS
150S36

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.3	4.0	3.2	1.2	.1	.2					11.5	10.4
NNE	.5	1.3	2.2	2.0	.5	.1						6.7	9.7
NE	.2	.9	2.0	1.1								4.3	9.0
ENE	.3	.5	.8	.1								1.7	6.6
E	.3	.3	.3	.1	.1							1.1	7.1
ESE	.2	.3	.1	.1								.8	6.2
SE	.3	1.2	.9	.2	.1							2.6	7.0
SSE	1.2	1.9	1.9	.3								5.2	5.9
S	2.2	4.9	6.5	2.1	.2							15.9	7.3
SSW	.9	2.0	3.4	.8	.5							7.5	7.9
SW	.3	.9	.5	.1								1.8	5.8
WSW	.5	.8	.3									1.6	4.8
W	.5	1.0	1.2									2.6	6.1
WNW	.6	.8	1.6	.2	.2							3.4	7.4
NW	.8	2.2	1.8	.7	.4	.2						6.0	7.8
NNW	.7	1.9	2.0	1.5	.7	.2						7.1	9.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	20.1	
	10.1	23.1	29.5	12.5	3.8	.6	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1858

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/FOUR BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WIND

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.0	3.8	3.5	1.2	.4						11.5	10.6
NNE	.6	1.1	2.7	2.7	.4	.2						7.7	10.0
NE	.4	.6	1.6	1.0	.2							3.8	9.0
ENE	.3	.5	.4	.3								1.4	6.7
E	.2	.4	.3	.1								.9	5.6
ESE	.3	.7	.2	.1								1.3	5.9
SE	.5	1.0	.9	.4	.1							2.9	7.3
SSE	1.2	1.7	1.9	.5								5.3	6.3
S	1.9	5.8	6.1	1.6	.1	.1						15.6	7.0
SSW	1.1	2.2	2.7	1.1	.3							7.4	7.8
SW	.1	.7	.7	.1								1.6	6.7
WSW	.2	.6	.4	.2								1.5	6.5
W	.7	1.7	1.0	.1	.1							3.5	5.6
WNW	.2	1.2	1.3	.4								3.2	7.2
NW	.9	1.7	1.1	.8	.4	.1						4.9	8.0
NNW	.7	2.0	2.5	2.7	.9	.2						9.1	10.1
VARBL													
CALM												18.4	
	9.8	23.9	27.6	15.6	3.7	.9						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1860

ALLIED/ECKY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-44,48-64 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	1.9	3.3	4.2	1.9	.3						12.2	11.5
NNE	.5	.8	1.9	2.0	1.1	.2						6.5	11.3
NE	.3	.8	1.7	1.5	.3	.1						4.6	10.2
ENE	.2	.9	.9	.4	.1							2.5	8.1
E	.4	.5	.6	.2								1.8	6.5
ESE	.3	.4	.5	.3								1.5	7.1
SE	.2	.8	.9	.5	.1							2.4	8.5
SSE	.5	1.4	2.3	.9	.1							5.3	7.9
S	1.1	4.1	7.2	3.9	.3	.1						16.7	8.5
SSW	.7	2.2	4.7	2.6	.9	.3						11.4	9.8
SW	.7	1.1	1.7	.9	.2							4.5	8.0
WSW	.4	.5	.9	.4								2.2	7.8
W	.5	1.0	.7	.3	.1							2.6	6.7
WNW	.2	.4	1.0	.4	.1							2.1	8.6
NW	.3	1.0	1.7	1.6	.8							5.4	10.4
NNW	.2	1.2	3.0	3.4	1.7	.6	.1					10.2	12.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.1	
	6.9	19.1	33.0	23.7	7.6	1.6	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1859

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/FEARY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	4.1	3.9	2.6	.3						12.3	12.1
NNE	.3	.9	2.6	2.5	.8	.1						7.2	11.0
NE	.4	1.0	1.7	1.8	.2	.1						5.2	10.0
ENE	.2	1.0	.9	.8	.1							2.9	8.8
E	.2	.9	.5	.1								1.7	6.0
ESE	.3	.4	.2	.1								1.0	5.6
SE	.3	.4	.7	.2	.1							1.6	7.3
SSE	.4	.9	2.2	1.0	.1							4.6	8.4
S	.7	2.6	5.6	4.5	1.3	.1						15.0	11.2
SSW	.6	1.0	3.7	6.9	1.3	.5						13.9	12.0
SW	.6	.8	3.2	1.7	.1							6.3	9.0
WSW	.3	.6	.9	.7	.2							2.7	8.9
W	.3	1.1	.7	.9	.3							3.3	8.9
WNW	.3	.4	.8	.5	.2	.1						2.3	9.4
NW	.2	1.1	1.3	1.9	.2	.2						4.9	10.4
NNW	.3	1.1	2.5	3.7	1.8	.4	.2					9.9	12.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.3	
	5.8	15.2	31.6	31.1	9.2	1.6	.2					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 1859

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (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	.3	1.9	3.2	5.1	1.9	.5	.1					12.9	11.8
NNE	.2	.9	2.1	2.5	.8							6.6	10.8
NE	.6	1.6	2.9	1.9	.2							7.2	8.8
ENE	.1	.6	1.2	.3								2.2	8.4
E	.5	.8	1.0	.1								2.5	6.0
ESE	.5	.4	.3	.1								1.3	5.3
SE	.4	1.3	.7	.1								2.5	6.2
SSE	.6	2.0	2.5	1.5	.1							6.6	8.0
S	1.0	3.2	6.9	4.6	.8	.1						16.6	9.3
SSW	.3	1.2	3.3	4.3	1.2	.4						10.7	11.7
SW	.4	.8	1.6	1.0	.2							4.0	9.0
WSW	.3	.9	.8	.3								2.4	6.8
W	.5	.8	.9	.4	.2							2.7	7.9
WNW	.3	.6	.8	.4	.1	.1						2.2	8.1
NW	.2	.7	1.6	1.4	.3	.1						4.3	10.4
NNW	.3	.8	2.9	3.2	.9	.4	.1					8.6	11.8
VARBL													
CALM												6.7	
	6.4	18.5	32.8	27.4	6.6	1.6	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 1828

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GRAY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.4	4.6	2.2	1.1	.6						12.9	9.7
NNE	.6	1.4	3.6	1.7	.5	.3	.1					8.1	10.0
NE	1.0	1.6	2.2	.7	.1							5.5	7.1
ENE	.6	.6	.6	.1								1.8	5.6
E	1.1	.6	.7	.2								2.6	5.2
ESE	.5	.8	.5	.2								1.9	6.1
SE	1.1	1.7	.9	.4								4.1	5.7
SSE	1.3	3.5	3.1	.7								8.6	6.4
S	1.4	5.4	6.5	2.2	.5	.1						16.0	7.6
SSW	.5	2.5	2.8	1.0	.2							7.0	7.7
SW	.3	1.1	.4		.1							1.9	5.8
WSW	.2	.5	.1	.1								.7	5.5
W	.2	.9	.4									1.5	5.8
WNW	.1	.4	.3	.1	.1							1.0	8.0
NW	.1	1.4	1.8	.3	.5	.1						4.1	8.8
NNW	.8	1.6	3.2	1.0	.5	.1						7.2	8.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	15.2	
	10.6	27.3	31.6	10.8	3.4	1.1	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7,767

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-44,48-64 YEARS | DEC MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.6	3.6	1.8	1.5	.3	.1					11.6	9.7
NNE	.7	1.6	2.0	2.3	.6	.1						7.3	9.7
NE	.3	1.6	2.0	.9	.1							4.8	8.0
ENE	.2	.8	.7	.2								1.9	6.7
E	.3	1.1	.4									1.8	5.1
ESE	.8	.5	.3	.1								1.7	4.8
SE	1.1	1.2	.7	.2	.1							3.3	5.6
SSE	.8	1.9	1.8	1.2	.1							5.8	7.5
S	2.0	5.5	6.1	2.9	.7							17.1	7.9
SSW	1.1	2.2	3.0	.6	.1							6.9	7.0
SW	.5	1.0	.5	.3								2.3	6.5
WSW	.1	.7	.7									1.4	6.2
W	.3	1.0	.7	.1								2.1	5.6
WNW	.3	1.0	.9	.2	.1							2.4	6.9
NW	.1	1.8	1.5	.4	.2	.1						4.1	8.2
NNW	.9	2.0	2.4	1.1	1.0	.2						7.6	9.5
VARBL													
Sum												17.8	
	10.1	27.5	27.2	12.3	4.3	.7	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1767

1210 WS. FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALSTED/KENT BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

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

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,48-64 (YEARS) ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	3.9	3.7	1.2	.3	.0	.0				11.4	10.8
NNE	.4	1.2	3.2	2.5	.6	.1	.0					8.1	10.4
NE	.5	1.6	2.9	1.4	.3	.0						6.7	8.9
ENE	.4	.9	1.6	.5	.1	.0	.0					3.6	8.0
E	.5	1.1	1.3	.4	.1	.1	.0					3.5	7.5
ESE	.4	.9	.9	.3	.0	.0						2.4	7.0
SE	.6	1.5	2.0	.7	.1	.0						4.8	7.6
SSE	.7	2.2	4.7	2.4	.3	.0	.0					10.3	8.8
S	1.3	3.7	8.4	5.5	.6	.1						19.6	9.2
SSW	.3	1.6	3.9	2.9	.6	.1						9.4	10.0
SW	.3	.5	.9	.5	.1	.0						2.3	8.8
WSW	.1	.2	.3	.1	.0							.8	7.7
W	.2	.3	.3	.1	.0	.0						.9	7.3
WNW	.1	.2	.3	.2	.1	.0						1.0	9.3
NW	.2	.4	1.0	.8	.2	.1	.0	.0				2.7	10.7
NNW	.2	.8	1.9	2.0	.9	.2	.0					5.9	11.6
VARBL													
CALM												6.4	
	6.7	18.9	37.6	24.1	5.3	1.0	.1	.0				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 17840

ALLIED/GOVT BUSINESS SYSTEMS
150624

DATA PROCESSING

ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER, USAF
Air Weather Service (MATS)
Asheville, North Carolina 28801

REPLY TO
ATTN OF: ETAC/DPD

22 December 1965

SUBJECT: Surface Summaries

TO: 25 Wea Sq
5 Wea Wg (5WWSS)
3 Wea Wg

1. Reference: Ltr, 5WW, 9 Dec 65, Standard Summaries.

2. We are sending copies of revised Uniform Summary of Surface Weather Observations as follows:

13928 Waco Texas/James Connally AFB
Parts A thru F Hrly Obs: May 42 - Oct 45, Dec 48 - Dec 64
Daily Obs: May 42 - Oct 45, Dec 48 - May 64

3. Summaries for 13920, Forbes AFB, Kansas, were mailed 15 Dec 65 to Det 35, 25 Wea Sq, 5 Wea Wg, 4 Wea Wg, 3 Wea Wg and ETAC, USAF.

FOR THE DIRECTOR

C W MARTINUSEN, JR, 1st Lt, USAF
Administrative Officer

Atch
Summaries (1 Bk)

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

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 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 columns. 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.

D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period will be eliminated from the summary for short periods or be limited to ceilings at or below 10,000 feet. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1946. Beginning in July 1948 for Air Force stations and January 1949 for USWB and US 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.

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:

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

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 ft and/or vsby < 3 miles.

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

ADDITIONAL EXAMPLES

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 observation meet the criteria: "ceiling $\geq$ 500 feet with vsby $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with vsby $\geq$ 1 miles."

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

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-45,48-64 YEARS — ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.2	47.1	47.3	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8
≥ 20000	61.5	64.2	64.5	64.8	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2
≥ 18000	61.6	64.3	64.6	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 16000	61.7	64.5	64.8	65.1	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5
14000	62.8	65.7	66.0	66.2	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.7
12000	64.7	67.7	68.0	68.3	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
≥ 10000	66.2	69.3	69.7	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.5
9000	66.7	69.9	70.3	70.5	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0
≥ 8000	67.4	70.8	71.2	71.4	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
7000	68.0	71.5	71.9	72.2	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7
6000	68.8	72.4	72.8	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6
≥ 5000	70.0	73.8	74.3	74.6	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1
≥ 4500	70.6	74.5	75.0	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 4000	72.0	76.1	76.6	76.9	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5
3500	73.1	77.4	77.9	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 3000	74.7	79.3	79.9	80.2	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.9
≥ 2500	76.6	81.5	82.1	82.5	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 2000	78.6	84.0	84.7	85.1	85.4	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8
1800	79.4	85.1	85.7	86.2	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.0	86.9	86.9
≥ 1500	80.9	87.0	87.8	88.3	88.6	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥ 1200	82.4	89.2	90.1	90.6	91.0	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.6
≥ 1000	83.2	90.6	91.6	92.2	92.6	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.3
≥ 900	83.5	91.1	92.2	92.8	93.3	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0
800	83.8	91.8	92.9	93.7	94.2	94.3	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 700	84.0	92.3	93.5	94.4	95.0	95.0	95.4	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.9
≥ 600	84.1	92.7	94.0	95.0	95.7	95.7	96.1	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.7
≥ 500	84.2	93.0	94.4	95.5	96.3	96.4	96.9	97.1	97.1	97.4	97.4	97.4	97.5	97.5	97.6	97.6
≥ 400	84.2	93.1	94.6	95.7	96.7	96.8	97.4	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.3	98.3
≥ 300	84.2	93.2	94.7	95.9	96.8	96.9	97.7	98.0	98.0	98.4	98.6	98.6	98.7	98.7	98.8	98.8
≥ 200	84.2	93.2	94.7	95.9	96.9	97.0	97.8	98.1	98.1	98.7	98.8	98.8	99.0	99.0	99.1	99.2
≥ 100	84.2	93.2	94.8	95.9	96.9	97.0	97.8	98.1	98.2	98.8	99.0	99.0	99.2	99.2	99.4	99.6
≥ 0	84.2	93.2	94.8	95.9	96.9	97.0	97.9	98.1	98.2	98.8	99.0	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 171055

1210WS FORM JUL 54 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED FORM BUSINESS SYSTEMS
15053

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	> 10	≥ 6	≥ 5	≥ 4	≥ 3	> 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.7	38.1	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.6
> 20000	50.7	53.0	53.2	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.8	53.9
> 18000	50.8	53.2	53.4	53.6	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.9	53.9	53.9	54.1
> 16000	51.0	53.4	53.6	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.3
> 14000	52.5	54.9	55.1	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.8
> 12000	54.2	56.8	57.0	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.7
> 10000	55.6	58.3	58.5	58.7	58.8	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.2
> 9000	56.2	58.9	59.1	59.3	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.8
> 8000	56.9	59.7	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.5	60.6
> 7000	57.4	60.3	60.5	60.7	60.8	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.1	61.2
6000	58.4	61.4	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.3
> 5000	59.3	62.4	62.7	62.9	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.5
> 4500	59.8	63.0	63.3	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.1
> 4000	60.8	64.2	64.6	64.8	65.0	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.4
> 3500	61.9	65.5	65.9	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.7
> 3000	63.1	67.1	67.5	67.7	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.3
> 2500	65.1	69.5	70.0	70.3	70.4	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.8	70.9
> 2000	67.2	72.3	72.9	73.2	73.4	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.9
> 1800	68.2	73.6	74.2	74.6	74.8	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.4
≥ 1500	69.6	76.0	76.8	77.2	77.5	77.5	77.6	77.7	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.1
≥ 1200	71.1	78.8	79.8	80.3	80.7	80.8	81.0	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.5
> 1000	71.9	80.5	81.8	82.4	82.9	83.0	83.2	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.8	83.9
≥ 900	72.3	81.3	82.7	83.4	84.0	84.1	84.4	84.5	84.6	84.7	84.8	84.8	84.9	84.9	84.9	85.1
≥ 800	72.6	82.3	83.8	84.8	85.4	85.5	85.9	86.1	86.1	86.3	86.4	86.4	86.5	86.5	86.6	86.7
> 700	72.8	83.0	84.7	85.8	86.6	86.7	87.3	87.5	87.6	87.8	87.8	87.9	87.9	87.9	88.0	88.2
> 600	73.0	83.8	85.8	87.1	88.1	88.3	89.0	89.3	89.3	89.6	89.8	89.8	89.9	89.9	89.9	90.1
≥ 500	73.1	84.3	86.5	88.2	89.5	89.7	90.8	91.1	91.2	91.8	91.9	91.9	92.1	92.1	92.2	92.3
≥ 400	73.1	84.7	87.0	88.8	90.4	90.6	92.0	92.5	92.5	93.4	93.6	93.6	93.8	93.8	93.9	94.1
≥ 300	73.1	84.8	87.3	89.1	90.9	91.1	92.8	93.3	93.4	94.7	95.0	95.0	95.4	95.4	95.6	95.8
≥ 200	73.1	84.9	87.3	89.2	91.1	91.3	93.1	93.8	93.8	95.4	95.9	95.9	96.6	96.6	96.9	97.1
≥ 100	73.1	84.9	87.3	89.2	91.1	91.4	93.2	93.9	93.9	95.7	96.3	96.3	97.3	97.3	97.9	98.4
≥ 0	73.1	84.9	87.3	89.2	91.1	91.4	93.2	93.9	93.9	95.7	96.4	96.4	97.4	97.4	98.3	100.

TOTAL NUMBER OF OBSERVATIONS 14272

1210WS FORM JUL 64 0-14-3 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS

150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	> 0
NO CEILING	36.4	39.3	39.6	39.9	40.3	40.3	40.4	40.4	40.4	40.5	40.5	40.5	40.6	40.6	40.6	40.7
≥ 20000	48.4	51.9	52.4	53.0	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.9	53.9	54.0	54.1
≥ 18000	48.5	52.0	52.5	53.1	53.6	53.6	53.7	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.1	54.2
≥ 16000	48.6	52.1	52.6	53.2	53.7	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.2	54.3
≥ 14000	49.2	52.9	53.4	54.0	54.5	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.9	54.9	55.0	55.1
≥ 12000	50.5	54.3	54.9	55.4	55.9	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.5	56.6
≥ 10000	51.8	55.9	56.5	57.1	57.6	57.6	57.8	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.2
≥ 9000	52.4	56.5	57.1	57.7	58.2	58.2	58.4	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.8	58.9
≥ 8000	53.4	57.7	58.3	58.9	59.5	59.5	59.7	59.7	59.7	59.8	59.9	59.9	59.9	59.9	60.0	60.1
≥ 7000	54.4	58.8	59.5	60.1	60.6	60.6	60.8	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.2	61.3
≥ 6000	55.1	59.8	60.5	61.1	61.7	61.7	61.9	61.9	61.9	62.0	62.1	62.1	62.2	62.2	62.3	62.4
≥ 5000	56.3	61.1	62.0	62.6	63.2	63.2	63.4	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.8	63.9
≥ 4500	56.8	61.8	62.7	63.4	63.9	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.6	64.6
≥ 4000	57.9	63.2	64.2	64.8	65.4	65.5	65.7	65.7	65.7	65.8	65.9	65.9	65.9	65.9	66.1	66.2
≥ 3500	59.0	64.6	65.5	66.2	66.8	66.8	67.1	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.5	67.6
≥ 3000	60.6	66.5	67.5	68.3	68.9	68.9	69.2	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.6	69.7
≥ 2500	62.4	68.9	69.9	70.7	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.1	72.1
≥ 2000	64.6	72.0	73.1	74.0	74.7	74.7	75.0	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.5
≥ 1800	65.7	73.4	74.6	75.5	76.3	76.3	76.6	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.1	77.2
≥ 1500	67.4	76.0	77.4	78.4	79.2	79.3	79.6	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.2	80.3
≥ 1200	69.1	79.0	80.5	81.7	82.7	82.8	83.2	83.3	83.3	83.4	83.5	83.5	83.6	83.6	83.7	83.8
≥ 1000	70.3	81.0	82.8	84.2	85.3	85.3	85.7	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.3	86.5
≥ 900	70.6	81.9	83.8	85.3	86.6	86.7	87.1	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.7	87.8
≥ 800	71.0	83.0	85.1	86.8	88.3	88.5	89.1	89.3	89.3	89.5	89.5	89.5	89.6	89.6	89.8	89.9
≥ 700	71.3	83.8	86.1	88.0	89.8	90.0	90.6	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.4	91.5
≥ 600	71.5	84.4	86.9	88.9	90.9	91.1	91.9	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.9	93.0
≥ 500	71.6	84.9	87.6	89.9	92.1	92.4	93.5	94.0	94.0	94.4	94.5	94.5	94.7	94.7	94.8	94.9
≥ 400	71.6	85.1	87.9	90.3	92.9	93.2	94.5	95.0	95.1	95.7	95.8	95.8	96.0	96.0	96.2	96.3
≥ 300	71.6	85.2	88.1	90.6	93.3	93.7	95.2	95.9	95.9	96.7	96.9	96.9	97.2	97.2	97.3	97.5
≥ 200	71.6	85.2	88.1	90.7	93.4	93.7	95.4	96.1	96.2	97.2	97.5	97.5	97.9	97.9	98.1	98.3
≥ 100	71.6	85.2	88.1	90.7	93.4	93.8	95.4	96.2	96.3	97.4	97.8	97.8	98.4	98.4	98.8	99.1
≥ 0	71.6	85.2	88.1	90.7	93.4	93.8	95.4	96.2	96.3	97.4	97.9	97.9	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 12886

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150823

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	> 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.6	41.5	41.7	42.0	42.3	42.3	42.4	42.5	42.5	42.7	42.8	42.8	42.8	42.8	42.9	42.9
> 20000	52.3	56.2	56.6	57.0	57.3	57.3	57.5	57.6	57.6	57.8	57.8	57.8	57.9	57.9	57.9	58.0
> 18000	52.5	56.4	56.9	57.2	57.5	57.6	57.7	57.8	57.8	58.0	58.1	58.1	58.1	58.1	58.2	58.2
> 16000	52.6	56.6	57.0	57.4	57.7	57.7	57.9	58.0	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.4
> 14000	53.6	57.8	58.2	58.6	58.9	58.9	59.1	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.6
> 12000	54.7	59.2	59.7	60.1	60.4	60.4	60.5	60.6	60.6	60.8	60.9	60.9	60.9	60.9	61.0	61.0
> 10000	55.8	60.4	60.9	61.3	61.6	61.6	61.8	61.9	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.3
≥ 9000	56.3	61.0	61.5	61.9	62.2	62.2	62.4	62.5	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.9
≥ 8000	57.1	61.9	62.5	62.9	63.2	63.2	63.4	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.9	63.9
≥ 7000	57.8	62.8	63.4	63.8	64.1	64.1	64.3	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.8	64.8
6000	58.8	64.0	64.6	65.0	65.3	65.4	65.6	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.1
≥ 5000	60.2	65.8	66.4	66.9	67.2	67.3	67.5	67.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9	68.0
≥ 4500	60.8	66.6	67.2	67.7	68.0	68.1	68.2	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.8
≥ 4000	62.2	68.3	68.9	69.5	69.8	69.8	70.0	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.5	70.5
≥ 3500	63.5	69.9	70.5	71.1	71.4	71.4	71.6	71.8	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.2
≥ 3000	65.5	72.3	73.1	73.6	74.0	74.0	74.2	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.8
≥ 2500	67.6	75.1	75.9	76.5	76.9	77.0	77.2	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 2000	70.7	79.0	79.8	80.5	81.0	81.0	81.3	81.4	81.4	81.7	81.7	81.7	81.8	81.8	81.8	81.9
≥ 1800	71.9	80.5	81.4	82.1	82.6	82.6	82.9	83.1	83.1	83.3	83.4	83.4	83.4	83.4	83.5	83.5
≥ 1500	73.8	83.2	84.1	84.9	85.4	85.5	85.8	86.0	86.0	86.3	86.3	86.3	86.4	86.4	86.4	86.5
≥ 1200	75.7	86.0	87.1	88.0	88.5	88.6	89.0	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.7
≥ 1000	76.5	87.6	88.8	89.8	90.4	90.5	91.0	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.7	91.7
≥ 900	76.8	88.2	89.5	90.6	91.3	91.3	91.8	92.0	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.6
≥ 800	77.1	89.0	90.4	91.6	92.3	92.4	93.0	93.2	93.2	93.5	93.6	93.6	93.7	93.7	93.7	93.8
≥ 700	77.4	89.6	91.2	92.6	93.4	93.5	94.2	94.5	94.5	94.8	94.9	94.9	95.0	95.0	95.0	95.1
≥ 600	77.5	90.2	91.9	93.4	94.3	94.4	95.1	95.5	95.5	95.9	95.9	95.9	96.0	96.0	96.1	96.1
≥ 500	77.6	90.5	92.3	93.9	95.0	95.1	96.0	96.4	96.4	96.8	96.9	96.9	97.1	97.1	97.2	97.2
≥ 400	77.6	90.6	92.5	94.2	95.3	95.5	96.6	97.0	97.0	97.6	97.7	97.7	97.9	97.9	98.0	98.0
≥ 300	77.7	90.7	92.5	94.3	95.6	95.7	96.9	97.4	97.4	98.1	98.2	98.2	98.4	98.4	98.5	98.5
≥ 200	77.7	90.8	92.6	94.4	95.6	95.8	97.0	97.5	97.5	98.3	98.5	98.6	98.8	98.8	98.9	99.0
≥ 100	77.7	90.8	92.6	94.4	95.7	95.8	97.0	97.5	97.6	98.4	98.7	98.7	99.0	99.0	99.2	99.3
≥ 0	77.7	90.8	92.6	94.4	95.7	95.8	97.0	97.5	97.6	98.4	98.7	98.7	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 14132

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/LGRY BUSINESS SYSTEMS 150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.1	37.9	38.2	38.3	38.4	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.7
≥ 20000	52.1	55.1	55.4	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	52.2	55.2	55.6	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3
≥ 16000	52.3	55.3	55.7	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
≥ 14000	53.0	56.1	56.5	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 12000	54.2	57.5	57.9	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6
≥ 10000	55.7	59.2	59.6	59.9	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 9000	56.4	60.0	60.4	60.7	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2
≥ 8000	57.4	61.1	61.5	61.8	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
≥ 7000	58.0	61.8	62.3	62.6	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1
≥ 6000	58.9	62.9	63.4	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	60.5	64.8	65.4	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500	61.4	65.8	66.4	66.7	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3
≥ 4000	62.8	67.6	68.2	68.5	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
≥ 3500	64.2	69.2	69.8	70.2	70.5	70.5	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	66.7	72.2	72.9	73.3	73.6	73.6	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 2500	69.6	75.9	76.7	77.1	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
≥ 2000	73.0	80.2	81.1	81.5	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 1800	74.4	81.9	82.8	83.3	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1
≥ 1500	76.7	84.9	85.9	86.4	86.9	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 1200	78.9	88.4	89.6	90.2	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 1000	79.8	90.5	91.8	92.5	93.1	93.1	93.4	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 900	80.1	91.1	92.5	93.3	93.8	93.9	94.2	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 800	80.4	91.8	93.4	94.2	94.9	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 700	80.7	92.4	94.1	95.0	95.8	95.9	96.2	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.7	96.7
≥ 600	80.8	92.8	94.6	95.5	96.4	96.5	96.9	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 500	80.8	93.2	95.0	96.1	97.1	97.2	97.7	97.9	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 400	80.9	93.4	95.3	96.4	97.5	97.6	98.2	98.4	98.5	98.9	99.0	99.0	99.0	99.0	99.1	99.1
≥ 300	80.9	93.5	95.4	96.5	97.6	97.7	98.4	98.6	98.7	99.1	99.3	99.3	99.3	99.3	99.4	99.4
≥ 200	80.9	93.5	95.4	96.6	97.7	97.8	98.5	98.7	98.8	99.2	99.4	99.4	99.5	99.5	99.6	99.6
≥ 100	80.9	93.5	95.4	96.6	97.7	97.8	98.5	98.8	98.8	99.3	99.5	99.5	99.7	99.7	99.8	99.9
≥ 0	80.9	93.5	95.4	96.6	97.7	97.8	98.5	98.8	98.8	99.3	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 13680

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FCNT BUSINESS SYSTEMS
130523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.8	40.5	40.7	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.1
≥ 20000	57.0	59.9	60.2	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	57.1	60.0	60.3	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
≥ 16000	57.1	60.0	60.3	60.5	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	58.2	61.3	61.6	61.8	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	59.7	62.9	63.2	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 10000	61.3	64.9	65.3	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	61.8	65.6	66.0	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
≥ 8000	62.4	66.4	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 7000	63.2	67.4	67.8	68.1	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	63.9	68.1	68.6	68.9	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	65.3	69.9	70.4	70.7	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	66.0	70.7	71.2	71.5	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	67.9	73.0	73.5	73.8	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 3500	69.3	74.7	75.3	75.6	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
≥ 3000	71.9	77.6	78.2	78.6	78.8	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2500	74.4	80.8	81.4	81.8	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 2000	77.5	84.5	85.3	85.7	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1800	78.5	85.8	86.6	87.0	87.4	87.4	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	80.8	88.6	89.4	89.9	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 1200	82.5	91.4	92.4	92.9	93.4	93.4	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9
≥ 1000	83.7	93.0	94.2	94.9	95.4	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 900	83.9	93.5	94.8	95.5	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 800	84.2	94.1	95.4	96.3	96.9	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 700	84.3	94.4	95.8	96.6	97.3	97.4	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 600	84.3	94.6	96.0	97.0	97.7	97.7	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5
≥ 500	84.4	94.8	96.3	97.3	98.1	98.1	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 400	84.4	94.9	96.5	97.5	98.4	98.4	98.9	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 300	84.4	94.9	96.5	97.6	98.5	98.5	99.0	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6
≥ 200	84.4	94.9	96.5	97.6	98.5	98.6	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 100	84.4	94.9	96.5	97.6	98.5	98.6	99.1	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8
0	84.4	94.9	96.5	97.6	98.5	98.6	99.1	99.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 14554

ALLIED/EGAY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUN (MONTH)

ALL (HOURS (L S T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	50.1	50.3	50.5	50.5	50.5	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	67.1	69.3	69.5	69.8	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 18000	67.1	69.3	69.5	69.8	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	67.3	69.5	69.7	70.0	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	68.3	70.7	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 12000	70.9	73.4	73.6	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1
≥ 10000	72.3	74.9	75.1	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	72.6	75.3	75.5	75.8	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	73.4	76.0	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	73.8	76.5	76.7	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	74.3	77.0	77.2	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	75.4	78.3	78.5	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	76.2	79.2	79.4	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	78.3	81.3	81.6	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	79.9	83.1	83.3	83.7	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	81.8	85.1	85.4	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	83.8	87.4	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 2000	85.7	89.5	89.9	90.2	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	86.6	90.5	90.9	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	88.4	92.6	93.1	93.6	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	89.9	94.4	95.0	95.5	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	91.0	95.7	96.4	96.8	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	91.4	96.2	96.9	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 800	91.8	96.8	97.4	98.0	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	92.0	97.1	97.8	98.3	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	92.1	97.3	98.0	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 500	92.2	97.5	98.3	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	92.2	97.6	98.4	99.0	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	92.2	97.6	98.4	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	92.2	97.6	98.5	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	92.2	97.7	98.5	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	92.2	97.7	98.5	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS . . . 14390

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGNY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.8	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	76.4	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	76.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	76.9	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	78.4	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	81.2	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	83.1	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	83.3	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	84.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000	84.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	85.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	86.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	87.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	88.5	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	89.3	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	90.4	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	91.3	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	92.3	95.0	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	92.7	95.5	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	93.6	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	94.4	97.4	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	94.9	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	95.0	98.2	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	95.2	98.5	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	95.4	98.6	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	95.5	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.5	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	95.5	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.5	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	95.5	98.9	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	95.5	98.9	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	95.5	98.9	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 14875

1210WS FORM JUL 64 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.8	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	76.4	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	76.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	76.9	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	78.4	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	81.2	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	83.1	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	83.3	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	84.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000	84.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	85.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	86.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	87.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	88.5	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	89.3	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	90.4	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	91.3	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	92.3	95.0	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	92.7	95.5	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	93.6	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	94.4	97.4	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	94.9	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	95.0	98.2	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	95.2	98.5	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	95.4	98.6	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	95.5	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.5	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	95.5	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.5	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	95.5	98.9	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	95.5	98.9	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	95.5	98.9	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 14875

1210WS FORM JUL 64 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.3	54.2	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000	68.7	71.5	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	68.9	71.6	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
≥ 16000	69.2	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	70.6	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9
≥ 12000	73.3	76.3	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
≥ 10000	74.9	78.1	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	75.5	78.7	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	76.3	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	76.8	80.3	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	77.2	80.8	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	78.2	81.9	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	78.7	82.4	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	79.9	83.8	84.1	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	80.8	84.8	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	82.6	86.7	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	83.9	88.1	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	85.4	89.8	90.3	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	86.0	90.5	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	87.3	92.1	92.6	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	88.5	93.6	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 1000	89.4	94.9	95.5	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 900	89.6	95.3	95.9	96.3	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	89.9	95.9	96.6	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 700	90.1	96.2	96.9	97.4	97.6	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	90.3	96.6	97.3	97.9	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	90.4	96.9	97.7	98.3	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	90.4	97.0	97.8	98.5	98.8	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	90.4	97.0	97.8	98.5	98.9	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	90.4	97.0	97.9	98.5	99.0	99.0	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	90.4	97.0	97.9	98.5	99.0	99.0	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	90.4	97.0	97.9	98.5	99.0	99.0	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 14386

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.1	52.5	53.0	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6
≥ 20000	66.5	70.1	70.7	71.0	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
≥ 18000	66.6	70.3	70.9	71.2	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7
≥ 16000	66.7	70.4	71.0	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
≥ 14000	67.6	71.3	71.9	72.2	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8
≥ 12000	69.6	73.4	74.1	74.4	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 10000	71.6	75.6	76.2	76.5	76.7	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1
≥ 9000	72.2	76.3	76.9	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.8
≥ 8000	72.9	77.1	77.8	78.1	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7
≥ 7000	73.6	77.9	78.6	78.9	79.1	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5
≥ 6000	74.2	78.6	79.3	79.6	79.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 5000	75.0	79.8	80.5	80.8	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4
≥ 4500	75.4	80.2	80.9	81.3	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.9
≥ 4000	76.6	81.6	82.4	82.7	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 3500	77.6	82.7	83.5	83.9	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 3000	79.0	84.3	85.1	85.5	85.7	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2
≥ 2500	80.4	86.0	86.9	87.2	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 2000	82.1	87.9	88.8	89.3	89.5	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0
≥ 1800	82.6	88.6	89.6	90.0	90.2	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 1500	83.7	89.9	90.9	91.4	91.6	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 1200	85.1	91.7	92.8	93.3	93.6	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 1000	85.9	92.9	94.1	94.6	94.9	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 900	86.2	93.4	94.6	95.2	95.5	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 800	86.6	94.1	95.4	96.0	96.4	96.5	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 700	86.7	94.5	96.0	96.7	97.0	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 600	86.8	94.8	96.3	97.1	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 500	86.9	95.0	96.6	97.4	97.9	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 400	87.0	95.2	96.8	97.6	98.2	98.3	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 300	87.0	95.2	96.8	97.7	98.3	98.4	98.8	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 200	87.0	95.2	96.9	97.7	98.4	98.5	98.9	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 100	87.0	95.2	96.9	97.7	98.4	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.8
≥ 0	87.0	95.2	96.9	97.7	98.4	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 14875

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECRT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

0000-0200 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.2	41.8	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.4
≥ 20000	52.1	54.3	54.7	54.8	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.6
≥ 18000	52.1	54.4	54.8	54.9	55.1	55.1	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.6
≥ 16000	52.1	54.4	54.8	54.9	55.1	55.1	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.6
≥ 14000	53.0	55.2	55.6	55.7	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.5
≥ 12000	53.8	56.1	56.5	56.6	56.8	56.8	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.3
≥ 10000	55.4	57.7	58.2	58.3	58.5	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	59.0
≥ 9000	56.0	58.3	58.8	58.9	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.6
≥ 8000	56.8	59.1	59.6	59.7	59.9	59.9	59.9	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.4
≥ 7000	57.2	59.5	60.0	60.1	60.3	60.3	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.9
≥ 6000	58.3	60.7	61.1	61.2	61.4	61.4	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	62.0
≥ 5000	59.9	62.4	62.8	62.9	63.1	63.1	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.7
≥ 4500	60.4	63.0	63.5	63.7	63.9	63.9	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.5
≥ 4000	61.1	64.1	64.6	64.8	65.0	65.0	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.6
≥ 3500	62.1	65.5	66.0	66.3	66.4	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	67.1
≥ 3000	63.3	67.0	67.5	67.8	68.0	68.0	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.6
≥ 2500	65.0	68.8	69.5	69.8	69.9	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.6
≥ 2000	67.0	71.4	72.1	72.4	72.6	72.6	72.7	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.3
≥ 1800	68.2	72.9	73.9	74.3	74.5	74.5	74.6	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.2
≥ 1500	69.8	75.3	76.3	76.8	77.1	77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.8
≥ 1200	71.8	78.5	79.6	80.2	80.5	80.5	80.6	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.2
≥ 1000	72.4	80.1	81.4	82.2	82.6	82.6	82.7	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.4
≥ 900	73.0	81.0	82.6	83.4	83.8	83.8	83.9	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.6
≥ 800	73.2	82.1	83.9	85.0	85.4	85.4	85.9	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.6
≥ 700	73.3	82.3	84.2	85.5	86.0	86.0	86.4	86.6	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.3
≥ 600	73.4	83.0	85.5	87.0	87.5	87.6	88.2	88.3	88.5	88.7	88.9	88.9	88.9	88.9	88.9	89.2
≥ 500	73.7	84.1	87.2	88.8	89.9	90.0	90.5	90.7	90.8	91.2	91.3	91.3	91.4	91.4	91.4	91.7
≥ 400	73.7	84.5	87.6	89.5	90.9	91.0	91.8	92.0	92.1	92.5	92.6	92.6	92.7	92.7	92.7	93.0
≥ 300	73.7	84.7	88.0	89.9	91.6	91.7	92.6	92.9	93.0	93.8	93.9	93.9	94.0	94.0	94.0	94.3
≥ 200	73.7	84.8	88.2	90.2	92.1	92.2	93.3	93.7	93.9	94.9	95.4	95.4	95.6	95.6	95.6	96.0
≥ 100	73.7	84.8	88.2	90.3	92.3	92.4	93.5	93.9	94.1	95.6	96.2	96.2	96.9	96.9	97.6	98.1
0	73.7	84.8	88.2	90.3	92.3	92.4	93.5	93.9	94.1	95.8	96.4	96.4	97.2	97.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECKY BUSINESS SYSTEMS
15023

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING	41.4	43.4	43.7	43.8	44.0	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.3
≥ 20000	55.5	58.6	59.1	59.3	59.5	59.5	59.7	59.7	59.7	59.8	59.9	59.9	59.9	59.9	60.0	60.0
≥ 18000	55.6	58.7	59.2	59.4	59.6	59.7	59.8	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.1	60.1
≥ 16000	55.7	58.8	59.2	59.5	59.7	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.2
≥ 14000	56.7	59.8	60.3	60.5	60.8	60.8	60.9	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2
≥ 12000	58.0	61.3	61.7	62.0	62.2	62.2	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.7	62.7
≥ 10000	59.4	62.9	63.4	63.7	63.9	63.9	64.1	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.4
≥ 9000	59.9	63.4	63.9	64.2	64.5	64.5	64.6	64.6	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.0
≥ 8000	60.6	64.2	64.7	65.0	65.3	65.3	65.5	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.8	65.8
≥ 7000	61.2	64.9	65.5	65.7	66.0	66.0	66.2	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5
≥ 6000	62.0	65.9	66.4	66.7	67.0	67.0	67.2	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.5	67.5
≥ 5000	63.0	67.1	67.7	68.0	68.2	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.8
≥ 4500	63.7	67.8	68.3	68.6	68.9	68.9	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.4	69.4	69.4
≥ 4000	64.8	69.2	69.8	70.1	70.5	70.5	70.7	70.7	70.7	70.8	70.9	70.9	70.9	70.9	71.0	71.0
≥ 3500	65.9	70.5	71.1	71.4	71.7	71.7	71.9	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3
≥ 3000	67.2	72.1	72.8	73.1	73.5	73.5	73.7	73.7	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0
≥ 2500	69.1	74.5	75.1	75.5	75.9	75.9	76.1	76.1	76.1	76.3	76.3	76.3	76.4	76.4	76.5	76.5
≥ 2000	71.0	77.0	77.7	78.2	78.5	78.6	78.8	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.2	79.2
≥ 1800	71.5	78.0	78.7	79.2	79.5	79.5	79.8	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.2
≥ 1500	72.8	79.8	80.6	81.2	81.6	81.6	81.9	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.3	82.3
≥ 1200	74.6	82.4	83.4	84.1	84.6	84.6	84.9	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.4
≥ 1000	75.3	83.9	85.1	85.8	86.4	86.4	86.8	86.8	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.3
≥ 900	75.6	84.6	85.8	86.6	87.3	87.3	87.7	87.7	87.8	87.9	88.0	88.0	88.1	88.1	88.2	88.2
≥ 800	75.9	85.5	86.9	87.9	88.7	88.8	89.3	89.4	89.4	89.6	89.7	89.7	89.8	89.8	89.9	89.9
≥ 700	76.2	86.3	87.9	89.0	90.0	90.1	90.6	90.7	90.8	91.0	91.1	91.1	91.3	91.3	91.3	91.4
≥ 600	76.4	87.1	88.8	90.1	91.3	91.4	92.1	92.2	92.3	92.6	92.8	92.8	92.9	92.9	93.0	93.0
≥ 500	76.5	87.6	89.4	90.9	92.1	92.4	93.3	93.5	93.6	94.0	94.2	94.2	94.4	94.4	94.5	94.5
≥ 400	76.6	87.9	89.7	91.3	92.7	93.0	94.3	94.7	94.7	95.4	95.7	95.7	95.9	95.9	95.9	96.0
≥ 300	76.6	88.0	89.8	91.5	93.1	93.3	94.8	95.4	95.5	96.4	96.7	96.7	96.9	97.0	97.0	97.1
≥ 200	76.6	88.0	89.9	91.6	93.3	93.5	95.2	95.9	96.0	97.1	97.5	97.5	97.8	97.8	98.0	98.1
≥ 100	76.6	88.0	89.9	91.6	93.3	93.6	95.3	96.0	96.1	97.2	97.7	97.7	98.2	98.2	98.7	98.9
0	76.6	88.0	89.9	91.6	93.3	93.6	95.3	96.0	96.1	97.2	97.7	97.7	98.2	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 14659

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150623

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.2	41.8	42.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.4
≥ 20000	52.1	54.3	54.7	54.8	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.6
> 18000	52.1	54.4	54.8	54.9	55.1	55.1	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.6
≥ 16000	52.1	54.4	54.8	54.9	55.1	55.1	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.6
> 14000	53.0	55.2	55.6	55.7	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.5
> 12000	53.8	56.1	56.5	56.6	56.8	56.8	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.3
> 10000	55.4	57.7	58.2	58.3	58.5	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	59.0
> 9000	56.0	58.3	58.8	58.9	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.6
> 8000	56.8	59.1	59.6	59.7	59.9	59.9	59.9	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.4
≥ 7000	57.2	59.5	60.0	60.1	60.3	60.3	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.9
> 6000	58.3	60.7	61.1	61.2	61.4	61.4	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	62.0
≥ 5000	59.5	62.4	62.8	62.9	63.1	63.1	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.7
≥ 4500	60.4	63.0	63.5	63.7	63.9	63.9	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.5
≥ 4000	61.1	64.1	64.6	64.8	65.0	65.0	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.6
> 3500	62.1	65.5	66.0	66.3	66.4	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	67.1
≥ 3000	63.3	67.0	67.5	67.8	68.0	68.0	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.6
≥ 2500	65.0	68.8	69.5	69.8	69.9	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.6
≥ 2000	67.0	71.4	72.1	72.4	72.6	72.6	72.7	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.3
≥ 1800	68.2	72.9	73.9	74.3	74.5	74.5	74.6	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.2
≥ 1500	69.8	75.3	76.3	76.8	77.1	77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.8
≥ 1200	71.8	78.5	79.6	80.2	80.5	80.5	80.6	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.2
> 1000	72.4	80.1	81.4	82.2	82.6	82.6	82.7	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.4
≥ 900	73.0	81.0	82.6	83.4	83.8	83.8	83.9	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.6
≥ 800	73.2	82.1	83.9	85.0	85.4	85.4	85.9	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.6
≥ 700	73.3	82.3	84.2	85.5	86.0	86.0	86.4	86.6	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.3
> 600	73.4	83.0	85.5	87.0	87.5	87.6	88.2	88.3	88.5	88.7	88.9	88.9	88.9	88.9	88.9	89.2
≥ 500	73.7	84.1	87.2	88.8	89.9	90.0	90.5	90.7	90.8	91.2	91.3	91.3	91.4	91.4	91.4	91.7
≥ 400	73.7	84.5	87.6	89.5	90.9	91.0	91.8	92.0	92.1	92.5	92.6	92.6	92.7	92.7	92.7	93.0
≥ 300	73.7	84.7	88.0	89.9	91.6	91.7	92.6	92.9	93.0	93.8	93.9	93.9	94.0	94.0	94.0	94.3
≥ 200	73.7	84.8	88.2	90.2	92.1	92.2	93.3	93.7	93.9	94.9	95.4	95.4	95.6	95.6	95.6	96.0
≥ 100	73.7	84.8	88.2	90.3	92.3	92.4	93.5	93.9	94.1	95.6	96.2	96.2	96.9	96.9	97.6	98.1
≥ 0	73.7	84.8	88.2	90.3	92.3	92.4	93.5	93.9	94.1	95.8	96.4	96.4	97.2	97.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FGHT BUSINESS SYSTEMS
150823

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13926 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 43-45,49-64 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (E S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.0	38.5	38.8	38.9	39.1	39.1	39.2	39.2	39.2	39.3	39.4	39.4	39.4	39.4	39.5	39.8
≥ 20000	47.9	50.2	50.6	50.9	51.1	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.6	51.8
≥ 18000	47.9	50.2	50.6	50.9	51.1	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.6	51.8
≥ 16000	47.9	50.2	50.6	50.9	51.1	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.6	51.8
≥ 14000	48.8	51.1	51.5	51.8	52.0	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.5	52.7
≥ 12000	49.9	52.2	52.6	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.8
≥ 10000	51.4	53.8	54.2	54.5	54.7	54.8	54.9	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.2	55.5
≥ 9000	52.3	54.7	55.1	55.4	55.6	55.7	55.8	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.1	56.4
≥ 8000	53.0	55.4	55.8	56.1	56.3	56.4	56.5	56.5	56.5	56.5	56.6	56.6	56.7	56.7	56.8	57.0
≥ 7000	53.6	56.0	56.4	56.6	56.9	56.9	57.0	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.6
≥ 6000	54.6	57.0	57.4	57.7	57.9	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.6
≥ 5000	55.5	58.1	58.5	58.8	59.0	59.1	59.2	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.5	59.8
≥ 4500	55.8	58.4	58.9	59.3	59.5	59.5	59.6	59.6	59.6	59.7	59.8	59.8	59.9	59.9	59.9	60.2
≥ 4000	57.0	59.8	60.3	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.3	61.3	61.3	61.6
≥ 3500	57.8	60.6	61.1	61.5	61.7	61.7	61.9	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.4
≥ 3000	58.3	61.5	62.0	62.4	62.6	62.6	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.3
≥ 2500	59.9	63.4	64.1	64.5	64.7	64.8	64.9	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.2	65.5
≥ 2000	62.3	66.6	67.3	67.7	68.0	68.0	68.1	68.1	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.7
≥ 1800	63.7	68.3	69.2	69.6	69.8	69.9	70.0	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.3	70.6
≥ 1500	65.4	70.9	71.9	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.1	73.3
≥ 1200	66.9	73.9	75.1	75.6	76.1	76.1	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.6	76.9
≥ 1000	67.8	75.9	77.4	78.0	78.4	78.5	78.7	78.7	78.7	78.8	78.9	78.9	79.0	79.0	79.1	79.4
≥ 900	68.2	76.8	78.4	79.0	79.5	79.5	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.1	80.4
≥ 800	68.9	78.4	80.1	81.3	81.7	81.8	82.1	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.5	82.7
≥ 700	69.1	79.1	81.0	82.2	82.7	82.9	83.2	83.2	83.2	83.3	83.4	83.4	83.5	83.5	83.6	83.9
≥ 600	69.7	80.4	82.8	84.4	85.1	85.2	85.6	85.6	85.6	85.7	85.9	85.9	85.9	85.9	86.0	86.3
≥ 500	69.9	81.0	83.4	85.3	86.5	86.6	87.3	87.3	87.3	87.8	87.9	87.9	88.0	88.0	88.1	88.4
≥ 400	69.9	81.4	84.0	85.9	87.7	87.8	88.7	88.7	88.7	89.4	89.5	89.5	89.6	89.6	89.8	90.0
≥ 300	70.0	81.9	84.4	86.5	88.3	88.5	89.7	89.9	89.9	91.1	91.3	91.3	91.7	91.7	91.9	92.1
≥ 200	70.0	81.9	84.4	86.6	88.7	88.9	90.5	90.7	90.8	92.4	92.8	92.8	93.7	93.7	94.0	94.3
≥ 100	70.0	81.9	84.4	86.6	89.0	89.1	90.9	91.1	91.2	93.0	93.6	93.6	94.9	95.0	96.1	96.7
≥ 0	70.0	81.9	84.4	86.6	89.0	89.1	90.9	91.2	91.2	93.0	93.7	93.7	95.2	95.3	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGPT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.5	34.6	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.2	35.4	35.4	35.4	35.4	35.4	35.8
≥ 20000	41.7	45.4	45.9	46.2	46.4	46.4	46.5	46.5	46.5	46.6	46.8	46.8	46.9	46.9	47.1	47.5
≥ 18000	41.7	45.4	45.9	46.2	46.4	46.4	46.5	46.5	46.5	46.6	46.8	46.8	46.9	46.9	47.1	47.5
≥ 16000	41.9	45.6	46.1	46.4	46.6	46.6	46.7	46.7	46.7	46.8	47.0	47.0	47.1	47.1	47.4	47.8
≥ 14000	43.8	47.7	48.2	48.4	48.7	48.7	48.7	48.8	48.8	48.8	49.1	49.1	49.2	49.2	49.4	49.8
≥ 12000	45.4	49.3	49.9	50.2	50.4	50.4	50.5	50.5	50.5	50.6	50.8	50.8	50.9	50.9	51.2	51.6
≥ 10000	46.7	50.7	51.3	51.6	51.8	51.8	51.8	51.9	51.9	52.0	52.2	52.2	52.3	52.3	52.5	53.0
≥ 9000	47.2	51.2	51.8	52.1	52.3	52.3	52.3	52.4	52.4	52.5	52.7	52.7	52.8	52.8	53.0	53.5
≥ 8000	48.0	52.1	52.6	53.0	53.2	53.2	53.3	53.3	53.3	53.4	53.6	53.6	53.7	53.7	53.9	54.4
≥ 7000	48.8	52.9	53.4	53.8	54.0	54.0	54.0	54.1	54.1	54.2	54.4	54.4	54.5	54.5	54.7	55.2
≥ 6000	49.2	53.4	53.9	54.3	54.5	54.5	54.6	54.6	54.6	54.7	54.9	54.9	55.0	55.0	55.2	55.7
≥ 5000	50.0	54.4	55.0	55.3	55.5	55.5	55.6	55.6	55.6	55.7	55.9	55.9	56.0	56.0	56.3	56.7
≥ 4500	50.9	55.3	56.0	56.3	56.5	56.5	56.6	56.6	56.6	56.7	56.9	56.9	57.0	57.0	57.3	57.7
≥ 4000	51.6	56.1	56.8	57.2	57.4	57.4	57.5	57.6	57.6	57.6	57.8	57.8	58.0	58.0	58.2	58.6
≥ 3500	52.3	56.8	57.6	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.6	58.6	58.7	58.7	58.9	59.4
≥ 3000	53.0	57.7	58.4	58.8	59.0	59.0	59.1	59.1	59.1	59.2	59.4	59.4	59.5	59.5	59.8	60.2
≥ 2500	55.3	60.2	61.1	61.5	61.7	61.7	61.9	61.9	61.9	62.0	62.2	62.2	62.4	62.4	62.6	63.0
≥ 2000	57.3	63.0	64.0	64.4	64.7	64.7	64.8	64.9	64.9	64.9	65.1	65.1	65.3	65.3	65.5	66.0
≥ 1800	58.2	64.4	65.5	65.9	66.2	66.2	66.3	66.4	66.4	66.4	66.7	66.7	66.8	66.8	67.1	67.5
≥ 1500	59.8	67.2	68.5	69.0	69.4	69.4	69.6	69.7	69.7	69.7	69.9	69.9	70.1	70.1	70.3	70.8
≥ 1200	61.6	70.4	72.2	72.6	73.7	73.9	74.1	74.2	74.2	74.3	74.5	74.5	74.7	74.7	74.9	75.4
≥ 1000	62.8	72.7	74.6	75.3	76.3	76.5	76.7	76.8	76.8	76.9	77.2	77.2	77.4	77.4	77.6	78.1
≥ 900	63.3	73.8	75.8	76.7	77.6	77.9	78.2	78.2	78.2	78.3	78.6	78.7	78.8	78.8	79.1	79.5
≥ 800	63.4	74.4	76.7	77.8	78.7	78.9	79.2	79.3	79.3	79.4	79.7	79.7	79.9	79.9	80.1	80.6
≥ 700	63.8	75.7	78.3	79.5	80.6	80.9	81.4	81.4	81.4	81.6	81.8	81.9	82.1	82.1	82.3	82.7
≥ 600	64.0	76.8	79.7	81.0	82.3	82.6	83.2	83.3	83.3	83.5	83.8	83.9	84.1	84.1	84.3	84.8
≥ 500	64.0	77.4	80.6	82.2	84.0	84.3	85.1	85.2	85.2	85.6	85.9	86.0	86.3	86.3	86.6	87.0
≥ 400	64.1	77.9	81.5	83.2	85.2	85.6	86.8	87.2	87.2	87.6	88.1	88.1	88.7	88.7	89.0	89.5
≥ 300	64.1	78.0	81.8	83.7	86.2	86.6	88.1	88.6	88.6	89.6	90.2	90.2	91.2	91.2	91.6	92.2
≥ 200	64.1	78.2	81.9	83.8	86.4	86.8	88.7	89.4	89.4	90.7	91.6	91.7	93.3	93.3	93.8	94.5
≥ 100	64.1	78.2	81.9	83.8	86.5	86.9	88.8	89.5	89.5	90.9	92.1	92.1	94.2	94.2	95.2	96.5
0	64.1	78.2	81.9	83.8	86.5	86.9	88.8	89.5	89.5	90.9	92.1	92.2	94.4	94.4	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.7	31.3	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 20000	41.5	44.7	45.0	45.3	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.6	45.7
≥ 18000	41.7	44.9	45.1	45.5	45.5	45.5	45.5	45.6	45.6	45.7	45.7	45.7	45.8	45.8	45.8	45.9
≥ 16000	42.2	45.5	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.4	46.4
≥ 14000	44.2	47.7	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.7
≥ 12000	46.1	49.9	50.1	50.5	50.5	50.5	50.5	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.8	50.8
≥ 10000	47.8	51.8	52.0	52.4	52.4	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.8
≥ 9000	48.3	52.4	52.7	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.5	53.5
≥ 8000	49.1	53.2	53.5	54.0	54.0	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.3	54.4
≥ 7000	49.5	53.9	54.1	54.6	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.8	54.9	54.9	54.9	55.0
≥ 6000	50.5	54.9	55.2	55.7	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.1
≥ 5000	51.1	55.7	56.1	56.6	56.7	56.7	56.7	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.0	57.0
≥ 4500	51.8	56.4	56.7	57.2	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.7
≥ 4000	52.4	57.2	57.5	58.0	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.5
≥ 3500	53.6	58.6	59.1	59.6	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0
≥ 3000	54.5	59.9	60.4	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 2500	56.6	62.3	62.7	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.7
≥ 2000	58.8	65.5	66.0	66.6	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.2
≥ 1800	59.6	66.6	67.2	67.8	68.1	68.1	68.1	68.2	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.6
≥ 1500	61.7	69.6	70.4	71.1	71.5	71.6	71.7	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.2	72.3
≥ 1200	63.3	72.5	73.6	74.4	75.0	75.1	75.4	75.5	75.5	75.8	75.8	75.8	75.9	75.9	75.9	76.0
≥ 1000	64.5	74.9	76.0	77.1	77.8	77.9	78.3	78.4	78.4	78.8	78.8	78.8	78.9	78.9	78.9	79.0
≥ 900	64.8	76.1	77.3	78.5	79.3	79.5	80.0	80.1	80.1	80.5	80.5	80.5	80.6	80.6	80.7	80.7
≥ 800	65.2	77.4	79.0	80.5	81.7	82.0	82.4	82.7	82.7	83.1	83.1	83.1	83.2	83.2	83.3	83.4
≥ 700	65.3	78.4	80.0	81.7	83.3	83.6	84.4	84.8	84.8	85.2	85.2	85.2	85.3	85.3	85.4	85.4
≥ 600	65.5	79.1	80.9	82.9	84.8	85.2	86.2	86.7	86.7	87.3	87.5	87.5	87.6	87.6	87.7	87.7
≥ 500	65.6	79.7	81.9	84.5	86.8	87.3	88.8	89.4	89.5	90.7	90.8	90.8	90.9	90.9	91.0	91.1
≥ 400	65.6	80.1	82.4	85.2	87.7	88.2	90.0	90.8	90.8	92.7	93.0	93.0	93.3	93.3	93.5	93.7
≥ 300	65.6	80.1	82.5	85.4	88.2	88.7	91.1	92.0	92.1	94.4	94.9	94.9	95.5	95.5	96.0	96.1
≥ 200	65.6	80.1	82.6	85.5	88.3	88.8	91.2	92.3	92.4	94.8	95.6	95.6	96.4	96.4	97.1	97.3
≥ 100	65.6	80.1	82.6	85.5	88.3	88.8	91.2	92.3	92.4	94.8	95.7	95.7	96.8	96.8	97.9	98.6
0	65.6	80.1	82.6	85.5	88.3	88.8	91.2	92.3	92.4	94.8	95.8	95.8	96.8	96.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1766

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORY BUSINESS SYSTEMS
15023

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.5	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 20000	49.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000	50.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	50.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	52.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 12000	54.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 10000	55.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 9000	56.0	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000	56.9	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	57.6	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 6000	58.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	59.3	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500	59.8	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	60.6	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 3500	62.3	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3000	64.3	68.0	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 2500	66.9	71.2	71.5	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000	69.4	74.1	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1800	70.3	75.5	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500	72.3	78.6	79.3	79.5	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	74.1	81.4	82.3	82.6	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1000	75.0	83.4	84.8	85.3	85.7	85.8	86.0	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 900	75.2	84.0	85.4	86.0	86.5	86.6	86.8	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 800	75.3	85.1	86.7	87.4	88.1	88.1	88.5	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 700	75.6	85.8	87.7	88.6	89.4	89.5	90.0	90.3	90.3	90.5	90.6	90.6	90.8	90.8	90.8	90.8
≥ 600	75.6	86.5	88.5	89.7	90.8	91.1	91.9	92.2	92.2	92.7	92.8	92.8	93.0	93.0	93.0	93.0
≥ 500	75.7	86.9	89.0	90.5	92.0	92.3	93.7	94.3	94.3	95.3	95.4	95.4	95.7	95.7	95.7	95.7
≥ 400	75.7	87.0	89.2	90.8	92.2	92.6	94.3	95.2	95.2	96.7	96.9	96.9	97.2	97.2	97.2	97.2
≥ 300	75.7	87.1	89.4	91.0	92.6	93.0	94.7	95.7	95.8	97.6	98.0	98.0	98.5	98.5	98.5	98.5
≥ 200	75.7	87.1	89.4	91.0	92.6	93.0	94.9	95.9	95.9	98.0	98.4	98.4	99.1	99.1	99.1	99.1
≥ 100	75.7	87.1	89.4	91.0	92.6	93.0	94.9	95.9	95.9	98.0	98.5	98.5	99.3	99.4	99.5	99.8
0	75.7	87.1	89.4	91.0	92.6	93.0	94.9	95.9	95.9	98.0	98.5	98.5	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CENT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.3	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 20000	56.2	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 18000	56.5	58.2	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 16000	56.9	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	58.9	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	60.8	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	62.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	62.5	64.4	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 8000	63.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 7000	63.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	64.8	67.3	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 5000	65.9	68.5	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4500	66.3	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	67.5	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	68.5	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 3000	70.5	73.7	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500	73.6	77.4	77.6	77.7	77.8	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000	75.9	80.2	80.5	80.8	80.9	81.0	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	76.7	81.1	81.5	81.7	81.8	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 1500	77.4	82.7	83.0	83.3	83.4	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9
≥ 1200	79.0	85.5	86.1	86.6	86.9	87.0	87.1	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 1000	79.4	86.6	87.3	87.8	88.2	88.3	88.5	88.7	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 900	79.7	87.2	88.0	88.5	89.0	89.1	89.4	89.6	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	79.9	87.8	88.7	89.4	89.9	90.0	90.4	90.6	90.6	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 700	80.1	88.3	89.3	90.2	91.0	91.1	91.6	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 600	80.1	88.8	89.9	91.1	92.0	92.3	92.8	93.2	93.2	93.7	93.7	93.7	93.9	93.9	93.9	93.9
≥ 500	80.1	89.0	90.2	91.5	92.7	92.9	94.2	94.7	94.7	95.5	95.6	95.6	95.7	95.7	95.7	95.7
≥ 400	80.1	89.0	90.4	92.1	93.3	93.5	95.2	95.7	95.7	96.8	96.8	96.8	97.1	97.1	97.2	97.2
≥ 300	80.1	89.1	90.5	92.2	93.4	93.6	95.4	96.1	96.1	97.6	97.9	97.9	98.5	98.5	98.7	98.7
≥ 200	80.1	89.1	90.5	92.2	93.4	93.6	95.4	96.1	96.1	97.8	98.5	98.5	99.1	99.1	99.5	99.5
≥ 100	80.1	89.1	90.5	92.2	93.4	93.6	95.4	96.1	96.1	97.8	98.6	98.6	99.2	99.2	99.6	99.9
0	80.1	89.1	90.5	92.2	93.4	93.6	95.4	96.1	96.1	97.9	98.6	98.6	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1758

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FEBY BUSINESS SYSTEMS
150623

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.3	41.3	41.4	41.5	41.5	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	58.8	60.6	60.8	60.9	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	58.9	60.7	60.9	61.0	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 16000	59.3	61.1	61.3	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	60.7	62.6	62.8	62.9	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	63.0	65.2	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	64.5	66.7	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	65.0	67.2	67.5	67.6	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	65.5	67.8	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	66.0	68.3	68.6	68.7	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	66.8	69.3	69.5	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	67.6	70.4	70.7	70.9	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	68.2	70.9	71.3	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	69.8	73.1	73.6	73.7	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3500	70.6	74.1	74.6	74.7	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	71.7	75.6	76.1	76.3	76.3	76.3	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	73.2	78.1	78.6	78.9	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
≥ 2000	74.9	80.9	81.5	81.7	81.8	81.9	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800	75.7	81.7	82.4	82.6	82.8	82.9	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1500	76.3	82.9	83.7	84.0	84.2	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 1200	77.0	[illegible]8	85.9	86.1	86.5	86.6	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
≥ 1000	77.6	85.9	87.2	87.6	88.0	88.0	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	77.8	86.3	87.8	88.3	88.7	88.8	89.8	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 800	77.9	86.8	88.4	89.1	89.5	89.6	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	78.4	87.9	89.6	90.3	90.8	90.9	92.3	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 600	78.6	88.3	90.1	91.0	91.7	91.8	93.5	93.7	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 500	78.6	88.5	90.3	91.3	92.4	92.5	94.4	94.7	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 400	78.6	88.8	90.7	91.8	93.2	93.2	95.3	95.7	95.7	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 300	78.6	88.9	90.8	92.0	93.3	93.4	95.7	96.1	96.1	97.3	97.4	97.4	97.6	97.6	97.7	97.7
≥ 200	78.6	88.9	90.8	92.0	93.3	93.4	95.9	96.3	96.4	97.9	97.9	97.9	98.3	98.3	98.6	98.7
≥ 100	78.6	88.9	90.8	92.0	93.3	93.4	96.0	96.4	96.4	98.0	98.2	98.2	98.9	98.9	99.1	99.4
≥ 0	78.6	88.9	90.8	92.0	93.3	93.4	96.0	96.4	96.4	98.0	98.2	98.2	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1740

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	> ¼	≥ 0
NO CEILING	43.4	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5
≥ 20000	57.5	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
> 18000	57.6	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6
≥ 16000	57.6	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6
≥ 14000	58.3	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4
≥ 12000	60.2	62.0	62.1	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5
> 10000	61.6	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0
≥ 9000	62.1	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
> 8000	62.8	64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2
≥ 7000	63.0	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5
> 6000	64.5	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3
≥ 5000	65.2	67.8	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
> 4500	65.6	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
≥ 4000	66.8	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5
> 3500	67.9	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2
≥ 3000	69.4	73.3	73.4	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
> 2500	70.7	74.8	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5
≥ 2000	72.2	77.1	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0
> 1800	73.1	78.2	78.5	79.0	79.1	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 1500	74.7	80.9	81.3	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
≥ 1200	75.6	83.2	83.6	84.3	84.4	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
≥ 1000	76.1	84.9	85.6	86.3	86.4	86.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0
≥ 900	76.4	85.7	86.6	87.4	87.5	87.5	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0
≥ 800	76.7	86.4	87.3	88.3	88.4	88.4	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
≥ 700	76.7	86.8	87.8	88.8	89.0	89.0	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9
≥ 600	77.0	87.7	88.9	90.2	90.6	90.6	91.0	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.7	91.7
≥ 500	77.1	88.3	89.7	91.4	92.0	92.0	92.4	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.4	93.4
≥ 400	77.2	89.0	90.5	92.2	93.2	93.2	93.9	94.5	94.5	94.9	95.0	95.0	95.1	95.1	95.2	95.2
≥ 300	77.2	89.1	90.8	92.6	93.6	93.6	94.9	95.5	95.5	96.2	96.3	96.3	96.5	96.5	96.7	96.7
≥ 200	77.2	89.1	90.8	92.6	93.8	93.8	95.2	95.7	95.8	96.7	97.0	97.0	97.2	97.2	97.4	97.4
≥ 100	77.2	89.1	90.8	92.6	93.8	93.8	95.3	95.9	95.9	97.3	97.6	97.6	98.1	98.1	98.3	98.5
≥ 0	77.2	89.1	90.8	92.6	93.8	93.8	95.3	95.9	95.9	97.3	97.7	97.7	98.2	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1740

121OWS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.5	43.6	43.8	43.9	44.6	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.9
≥ 20000	50.3	54.4	54.7	55.1	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.4
≥ 18000	50.3	54.4	54.7	55.1	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.4
≥ 16000	50.3	54.4	54.7	55.1	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.4
≥ 14000	50.6	55.0	55.3	55.6	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	57.0
≥ 12000	51.3	56.4	56.7	57.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.5
≥ 10000	52.7	57.5	57.9	58.2	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 9000	53.3	58.1	58.4	58.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	60.1
≥ 8000	54.6	59.7	60.0	60.3	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.8
≥ 7000	55.4	60.5	60.8	61.1	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.6
≥ 6000	56.0	61.0	61.3	61.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	63.1
≥ 5000	57.1	62.3	62.6	62.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.4
≥ 4500	57.6	63.1	63.4	63.7	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.3
≥ 4000	58.8	64.4	64.8	65.1	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.7
≥ 3500	59.8	65.7	66.0	66.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	68.0
≥ 3000	61.3	67.3	67.8	68.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.7
≥ 2500	62.5	68.7	69.2	69.6	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.2
≥ 2000	64.7	71.6	72.4	72.8	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.5
≥ 1800	65.7	73.1	74.1	74.4	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	76.1
≥ 1500	67.8	75.9	77.0	77.4	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.2
≥ 1200	69.6	78.7	80.1	80.8	82.2	82.2	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.9
≥ 1000	70.8	81.3	82.9	83.7	85.1	85.1	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.8
≥ 900	71.5	82.7	84.5	85.3	86.8	86.8	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.6
≥ 800	72.1	84.4	86.3	87.3	89.0	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.8
≥ 700	72.3	84.9	87.2	88.1	90.0	90.0	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.9
≥ 600	72.4	85.2	87.8	89.1	91.2	91.2	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	92.1
≥ 500	72.6	86.0	89.1	90.8	92.9	92.9	93.6	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.1	94.4
≥ 400	72.6	86.2	89.3	91.1	93.7	93.7	94.5	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.5
≥ 300	72.6	86.2	89.6	91.7	94.5	94.6	95.8	96.1	96.1	96.7	96.8	96.8	96.8	96.8	96.9	97.1
≥ 200	72.6	86.2	89.6	91.9	94.7	94.8	96.1	96.5	96.5	97.5	97.6	97.6	97.6	97.6	97.7	98.0
≥ 100	72.6	86.2	89.6	91.9	94.7	94.8	96.2	96.5	96.5	97.9	98.1	98.1	98.5	98.5	98.7	99.1
0	72.6	86.2	89.6	91.9	94.7	94.8	96.2	96.5	96.5	97.9	98.1	98.1	98.5	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS ... 1611

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGHY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.9	40.8	41.3	41.7	41.8	41.8	42.0	42.1	42.1	42.2	42.2	42.2	42.3	42.3	42.5	42.5
≥ 20000	44.8	49.3	50.0	50.5	50.8	50.8	51.1	51.1	51.1	51.3	51.3	51.3	51.5	51.5	51.6	51.7
≥ 18000	44.8	49.3	50.0	50.5	50.8	50.8	51.1	51.1	51.1	51.3	51.3	51.3	51.5	51.5	51.6	51.7
≥ 16000	44.8	49.3	50.0	50.5	50.8	50.8	51.1	51.1	51.1	51.3	51.3	51.3	51.5	51.5	51.6	51.7
≥ 14000	45.1	49.5	50.3	50.8	51.1	51.1	51.3	51.4	51.4	51.5	51.6	51.6	51.7	51.7	51.9	52.0
≥ 12000	46.2	50.8	51.6	52.1	52.5	52.5	52.8	52.8	52.8	52.9	53.0	53.0	53.1	53.1	53.3	53.4
≥ 10000	46.9	51.6	52.5	52.9	53.3	53.3	53.6	53.6	53.6	53.8	53.8	53.8	53.9	53.9	54.1	54.2
≥ 9000	47.7	52.5	53.3	53.8	54.1	54.1	54.4	54.4	54.4	54.6	54.6	54.6	54.7	54.7	54.9	55.0
≥ 8000	48.9	53.8	54.8	55.3	55.7	55.7	55.9	56.0	56.0	56.1	56.2	56.2	56.3	56.3	56.5	56.7
≥ 7000	49.8	54.8	55.8	56.3	56.7	56.7	56.9	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.7	57.8
≥ 6000	50.3	55.8	56.9	57.4	57.8	57.8	58.1	58.2	58.2	58.3	58.3	58.3	58.5	58.5	58.8	59.0
≥ 5000	51.2	57.0	58.3	58.8	59.2	59.2	59.5	59.6	59.6	59.7	59.8	59.8	59.9	59.9	60.3	60.4
≥ 4500	51.5	57.4	58.8	59.3	59.7	59.7	60.0	60.1	60.1	60.2	60.3	60.3	60.4	60.4	60.8	60.9
≥ 4000	52.1	58.2	59.7	60.1	60.7	60.7	61.0	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.8	61.9
≥ 3500	52.8	59.3	60.8	61.3	61.8	61.8	62.1	62.2	62.2	62.4	62.4	62.4	62.6	62.6	62.9	63.1
≥ 3000	54.0	60.8	62.4	63.0	63.6	63.6	63.9	63.9	63.9	64.1	64.2	64.2	64.3	64.3	64.7	64.8
≥ 2500	56.0	63.2	64.8	65.6	66.3	66.3	66.7	66.7	66.7	66.9	67.0	67.0	67.1	67.1	67.5	67.6
≥ 2000	58.2	66.2	67.8	68.7	69.4	69.4	69.8	69.8	69.8	70.0	70.1	70.1	70.2	70.2	70.6	70.7
≥ 1800	59.8	68.4	70.0	71.1	71.9	71.9	72.3	72.4	72.4	72.6	72.6	72.6	72.7	72.7	73.1	73.2
≥ 1500	61.9	70.9	72.6	73.6	74.5	74.5	74.9	75.0	75.0	75.2	75.2	75.2	75.4	75.4	75.7	75.9
≥ 1200	63.7	73.9	75.8	76.9	78.1	78.1	78.5	78.6	78.6	78.8	78.8	78.8	79.0	79.0	79.3	79.5
≥ 1000	65.0	75.9	78.2	79.3	80.6	80.6	81.0	81.1	81.1	81.3	81.4	81.4	81.5	81.5	81.9	82.0
≥ 900	65.5	77.0	79.3	80.5	81.9	81.9	82.3	82.4	82.4	82.6	82.7	82.7	82.8	82.8	83.2	83.3
≥ 800	66.4	79.1	81.4	82.9	84.4	84.4	84.9	85.0	85.0	85.3	85.4	85.4	85.5	85.5	85.8	86.0
≥ 700	67.0	80.4	82.8	84.6	86.4	86.5	87.1	87.2	87.2	87.5	87.5	87.5	87.6	87.6	88.0	88.1
≥ 600	67.2	81.3	84.0	86.1	88.2	88.3	89.0	89.1	89.1	89.4	89.5	89.5	89.6	89.6	90.0	90.1
≥ 500	67.3	81.8	84.9	87.0	89.4	89.5	90.6	90.8	90.8	91.2	91.3	91.3	91.5	91.5	91.9	92.0
≥ 400	67.3	82.1	85.4	87.8	90.6	90.8	92.2	92.6	92.6	93.1	93.2	93.2	93.5	93.5	93.9	94.0
≥ 300	67.3	82.1	85.6	88.1	91.1	91.2	93.0	93.6	93.6	94.2	94.4	94.4	94.7	94.7	95.0	95.2
≥ 200	67.3	82.1	85.7	88.3	91.4	91.6	93.5	94.2	94.2	95.4	95.7	95.7	96.0	96.0	96.4	96.5
≥ 100	67.3	82.2	85.8	88.3	91.4	91.6	93.7	94.4	94.5	96.0	96.6	96.6	97.1	97.1	97.8	98.0
0	67.3	82.2	85.8	88.3	91.4	91.6	93.7	94.4	94.5	96.0	96.6	96.7	97.4	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1611

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.0	34.8	35.1	35.5	35.8	35.8	36.2	36.3	36.3	36.4	36.4	36.4	36.6	36.6	36.9	37.0
≥ 20000	38.5	43.0	43.6	44.4	44.7	44.8	45.2	45.3	45.3	45.4	45.5	45.5	45.8	45.8	46.1	46.3
≥ 18000	38.8	43.3	43.9	44.6	44.9	45.0	45.4	45.6	45.6	45.7	45.7	45.7	46.1	46.1	46.3	46.6
≥ 16000	38.9	43.3	43.9	44.7	45.0	45.1	45.5	45.6	45.6	45.7	45.8	45.8	46.1	46.1	46.4	46.6
≥ 14000	39.4	43.9	44.6	45.3	45.6	45.7	46.1	46.2	46.2	46.4	46.4	46.4	46.7	46.7	47.0	47.2
≥ 12000	40.6	45.4	46.1	46.9	47.2	47.3	47.7	47.9	47.9	48.0	48.0	48.0	48.4	48.4	48.6	48.9
≥ 10000	41.8	46.7	47.5	48.4	48.7	48.8	49.2	49.3	49.3	49.5	49.5	49.5	49.9	49.9	50.2	50.5
≥ 9000	42.6	47.5	48.3	49.2	49.5	49.6	50.0	50.2	50.2	50.3	50.3	50.3	50.7	50.7	51.0	51.3
≥ 8000	43.3	48.5	49.3	50.2	50.5	50.6	51.0	51.1	51.1	51.3	51.3	51.3	51.7	51.7	52.0	52.3
≥ 7000	44.6	50.0	50.8	51.7	52.1	52.1	52.6	52.7	52.7	52.8	52.9	52.9	53.3	53.3	53.6	53.9
≥ 6000	45.4	51.2	52.3	53.1	53.5	53.6	54.0	54.1	54.1	54.3	54.3	54.3	54.7	54.7	55.0	55.3
≥ 5000	46.3	52.4	53.5	54.4	54.8	54.9	55.4	55.5	55.5	55.6	55.7	55.7	56.1	56.1	56.4	56.7
≥ 4500	46.6	52.7	53.8	54.8	55.2	55.2	55.7	55.9	55.9	56.0	56.1	56.1	56.4	56.4	56.7	57.0
≥ 4000	47.0	53.3	54.8	55.8	56.2	56.2	56.7	56.9	56.9	57.0	57.0	57.0	57.4	57.4	57.7	58.0
≥ 3500	47.9	54.5	56.1	57.0	57.4	57.5	58.0	58.1	58.1	58.2	58.3	58.3	58.7	58.7	59.0	59.3
≥ 3000	49.6	56.6	58.2	59.3	59.7	59.7	60.2	60.3	60.3	60.5	60.5	60.5	60.9	60.9	61.2	61.5
≥ 2500	51.0	58.8	60.4	61.6	62.1	62.1	62.6	62.8	62.8	62.9	62.9	62.9	63.3	63.3	63.6	63.9
≥ 2000	52.6	61.8	63.4	64.7	65.2	65.2	65.7	65.9	65.9	66.0	66.1	66.1	66.5	66.5	66.8	67.1
≥ 1800	53.9	63.2	64.9	66.4	66.9	66.9	67.4	67.6	67.6	67.7	67.8	67.8	68.2	68.2	68.5	68.8
≥ 1500	55.9	66.0	67.9	69.5	70.1	70.2	70.7	70.9	70.9	71.1	71.1	71.1	71.5	71.5	71.8	72.1
≥ 1200	58.1	69.4	71.3	73.2	73.9	73.9	74.5	74.7	74.7	74.9	75.0	75.0	75.4	75.4	75.7	76.0
≥ 1000	59.5	72.1	74.1	76.0	77.0	77.0	77.7	78.0	78.0	78.2	78.2	78.2	78.6	78.6	79.0	79.3
≥ 900	60.1	73.6	75.6	77.8	79.0	79.0	79.8	80.1	80.1	80.3	80.4	80.4	80.8	80.8	81.1	81.4
≥ 800	60.8	74.9	77.2	79.6	80.9	81.1	82.2	82.5	82.5	82.7	82.7	82.7	83.2	83.2	83.5	83.8
≥ 700	61.6	76.3	78.7	81.2	83.0	83.1	84.3	84.6	84.6	84.8	84.9	84.9	85.3	85.3	85.6	85.9
≥ 600	61.7	77.2	79.6	82.3	84.4	84.5	85.9	86.3	86.3	86.7	86.7	86.7	87.2	87.2	87.5	87.8
≥ 500	61.8	77.8	80.8	83.9	86.5	86.6	88.3	88.8	88.9	89.6	89.8	89.8	90.4	90.4	90.8	91.1
≥ 400	61.8	78.0	81.2	84.5	87.5	87.6	89.6	90.2	90.3	91.2	91.5	91.5	92.3	92.3	92.7	93.0
≥ 300	61.8	78.0	81.3	84.7	88.0	88.1	90.3	91.1	91.2	92.6	92.8	92.8	94.0	94.0	94.4	94.7
≥ 200	61.8	78.0	81.3	84.8	88.1	88.2	90.5	91.5	91.6	93.2	93.5	93.5	95.0	95.2	95.6	95.9
≥ 100	61.8	78.0	81.3	84.8	88.1	88.2	90.5	91.5	91.6	93.6	94.0	94.0	95.7	95.7	96.6	97.5
≥ 0	61.8	78.0	81.3	84.8	88.1	88.2	90.5	91.5	91.6	93.7	94.1	94.1	95.7	95.8	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1611

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.5	32.8	33.7	34.0	34.4	34.4	34.5	34.6	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.9
≥ 20000	41.3	44.0	45.0	45.6	46.2	46.2	46.5	46.6	46.6	46.7	46.8	46.8	46.9	46.9	46.9	46.9
≥ 18000	41.4	44.1	45.1	45.7	46.4	46.4	46.6	46.7	46.7	46.9	46.9	46.9	47.0	47.0	47.0	47.1
≥ 16000	41.4	44.1	45.1	45.7	46.4	46.4	46.6	46.7	46.7	46.9	46.9	46.9	47.0	47.0	47.0	47.1
≥ 14000	42.3	45.0	46.1	46.7	47.3	47.3	47.5	47.6	47.6	47.8	48.0	48.0	48.0	48.0	48.0	48.1
≥ 12000	43.7	46.6	47.6	48.2	48.9	48.9	49.1	49.2	49.2	49.3	49.5	49.5	49.6	49.6	49.6	49.7
≥ 10000	45.4	48.5	49.7	50.3	51.0	51.0	51.3	51.3	51.3	51.5	51.7	51.7	51.8	51.8	51.8	51.8
≥ 9000	46.3	49.4	50.5	51.1	51.8	51.9	52.1	52.2	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.7
≥ 8000	46.9	50.2	51.3	52.0	52.6	52.7	52.9	53.0	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.5
≥ 7000	48.0	51.7	52.9	53.5	54.2	54.3	54.5	54.6	54.6	54.7	54.9	54.9	55.0	55.0	55.0	55.1
≥ 6000	48.7	52.6	53.9	54.5	55.2	55.2	55.5	55.6	55.6	55.7	55.9	55.9	56.0	56.0	56.0	56.1
≥ 5000	49.5	53.7	55.1	55.7	56.4	56.5	56.7	56.8	56.8	57.0	57.2	57.2	57.2	57.2	57.2	57.3
≥ 4500	49.8	54.2	55.6	56.4	57.0	57.1	57.4	57.4	57.4	57.6	57.8	57.8	57.9	57.9	57.9	57.9
≥ 4000	50.3	54.9	56.4	57.1	57.8	57.9	58.2	58.2	58.2	58.4	58.6	58.6	58.7	58.7	58.7	58.7
≥ 3500	50.9	55.9	57.4	58.2	58.8	59.0	59.2	59.3	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.8
≥ 3000	52.0	57.2	58.8	59.6	60.3	60.4	60.6	60.7	60.7	60.9	61.1	61.1	61.1	61.1	61.1	61.2
≥ 2500	52.9	58.8	60.5	61.3	62.1	62.2	62.4	62.5	62.5	62.7	62.9	62.9	62.9	62.9	62.9	63.0
≥ 2000	55.9	62.9	64.7	65.5	66.4	66.5	66.7	66.8	66.8	67.0	67.2	67.2	67.2	67.2	67.2	67.3
≥ 1800	57.0	64.2	66.0	66.9	67.7	67.8	68.1	68.2	68.2	68.4	68.6	68.6	68.7	68.7	68.7	68.7
≥ 1500	59.2	67.5	69.5	70.4	71.2	71.4	71.7	71.8	71.8	72.0	72.2	72.2	72.3	72.3	72.3	72.3
≥ 1200	61.3	71.1	73.2	74.2	75.2	75.5	75.7	75.8	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.4
≥ 1000	63.0	74.0	76.5	77.7	79.1	79.4	79.7	79.8	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.4
≥ 900	63.3	75.0	77.7	79.0	80.9	81.3	81.6	81.8	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.4
≥ 800	64.3	77.1	80.2	81.6	83.7	84.1	84.8	85.0	85.0	85.2	85.4	85.4	85.5	85.5	85.5	85.5
≥ 700	64.8	78.0	81.4	83.2	85.4	86.0	86.7	87.1	87.2	87.3	87.5	87.5	87.6	87.6	87.6	87.6
≥ 600	65.1	78.9	82.6	84.5	87.0	87.7	88.8	89.3	89.4	89.8	89.9	89.9	90.1	90.1	90.1	90.1
≥ 500	65.2	79.7	83.6	86.0	89.0	89.6	91.1	91.8	92.0	92.4	92.6	92.6	92.9	92.9	92.9	93.0
≥ 400	65.2	79.8	83.7	86.0	89.4	90.4	92.2	93.0	93.2	93.9	94.2	94.2	94.5	94.5	94.5	94.7
≥ 300	65.3	80.0	83.9	86.4	89.9	90.9	93.2	94.2	94.4	95.4	95.7	95.7	96.2	96.2	96.3	96.5
≥ 200	65.3	80.0	83.9	86.4	89.9	90.9	93.5	94.5	94.7	96.0	96.6	96.6	97.3	97.4	97.7	97.9
≥ 100	65.3	80.0	83.9	86.4	89.9	90.9	93.5	94.5	94.7	96.2	96.7	96.7	97.5	97.6	98.4	99.1
0	65.3	80.0	83.9	86.4	89.9	90.9	93.5	94.5	94.7	96.2	96.8	96.8	97.5	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1611

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150023

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | FEB MONTH

1200-1400 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.5	37.3	37.5	37.9	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4
≥ 20000	48.4	50.8	51.3	51.8	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4
≥ 18000	48.6	50.9	51.4	51.9	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
≥ 16000	48.8	51.1	51.6	52.1	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7
≥ 14000	49.7	52.2	52.7	53.2	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9
≥ 12000	50.9	53.5	54.1	54.7	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3
≥ 10000	52.2	55.2	55.7	56.3	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
≥ 9000	52.4	55.5	56.1	56.7	57.0	57.0	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 8000	53.1	56.1	57.0	57.6	57.9	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3
≥ 7000	54.0	57.4	58.2	58.9	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6
≥ 6000	54.7	58.2	59.0	59.7	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4
≥ 5000	55.3	58.9	59.9	60.6	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 4500	56.1	59.8	60.8	61.5	61.9	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	56.8	60.6	61.6	62.3	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1
≥ 3500	58.0	61.7	62.8	63.5	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 3000	59.8	64.3	65.3	66.1	66.5	66.5	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0
≥ 2500	62.9	68.1	69.2	69.9	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 2000	66.1	71.9	73.0	73.8	74.2	74.3	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1800	67.5	73.4	74.5	75.3	75.8	75.9	76.3	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 1500	69.7	76.8	78.3	79.2	79.7	79.8	80.2	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 1200	72.4	81.2	82.9	83.9	84.3	84.5	85.0	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 1000	74.1	84.2	86.3	87.3	87.9	88.0	88.6	88.6	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 900	74.3	84.7	86.8	88.1	88.9	89.1	89.7	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 800	74.5	85.2	87.7	89.3	90.5	90.7	91.4	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 700	74.7	86.3	88.9	90.7	92.2	92.5	93.2	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 600	74.8	86.7	89.5	91.5	93.1	93.5	94.6	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 500	74.8	87.0	90.0	92.3	94.3	94.7	96.0	96.6	96.6	96.8	96.9	96.9	97.0	97.0	97.1	97.1
≥ 400	74.8	87.2	90.3	92.7	94.8	95.3	96.8	97.4	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 300	74.8	87.3	90.4	92.9	95.1	95.7	97.5	98.2	98.3	98.8	99.1	99.1	99.3	99.3	99.3	99.3
≥ 200	74.8	87.3	90.4	92.9	95.1	95.7	97.5	98.4	98.4	99.1	99.6	99.6	99.7	99.7	99.8	99.8
≥ 100	74.8	87.3	90.4	92.9	95.1	95.7	97.5	98.4	98.4	99.1	99.6	99.6	99.8	99.8	99.9	99.9
≥ 0	74.8	87.3	90.4	92.9	95.1	95.7	97.5	98.4	98.4	99.1	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1610

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

1500-1700 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.1	36.7	36.9	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	52.6	54.9	55.2	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	52.6	55.0	55.4	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	52.8	55.2	55.6	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	53.9	56.5	56.9	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	55.4	58.0	58.4	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	57.2	60.2	60.6	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	57.7	60.7	61.1	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	58.5	61.6	62.0	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 7000	59.6	62.8	63.3	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	60.3	63.8	64.2	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 5000	61.5	65.0	65.5	66.4	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500	62.1	65.6	66.2	67.0	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4000	64.0	68.2	68.8	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	65.4	69.8	70.4	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3000	67.8	72.7	73.3	74.2	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 2500	70.9	76.6	77.2	78.1	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000	73.1	79.7	80.3	81.3	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1800	73.7	80.6	81.3	82.3	82.7	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1500	75.1	83.1	84.0	85.2	85.7	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	76.7	85.8	86.8	88.2	88.9	89.0	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1000	77.6	87.5	88.8	90.4	91.1	91.2	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 900	77.7	87.7	89.3	90.9	91.8	91.9	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	77.7	88.1	89.7	91.8	93.0	93.2	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 700	77.7	88.8	90.6	92.9	94.3	94.5	95.3	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 600	77.7	89.0	90.9	93.5	94.9	95.1	96.0	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 500	77.8	89.3	91.2	93.8	95.3	95.5	96.8	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.9
≥ 400	77.8	89.7	91.7	94.4	96.0	96.4	97.8	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.1
≥ 300	77.8	89.8	91.7	94.5	96.3	96.7	98.2	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.8
≥ 200	77.8	89.8	91.7	94.5	96.3	96.7	98.2	98.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	77.8	89.8	91.7	94.5	96.3	96.7	98.2	98.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.9
≥ 0	77.8	89.8	91.7	94.5	96.3	96.7	98.2	98.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1611

121OWS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.6	42.0	42.2	42.7	43.0	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	55.7	59.0	59.3	59.9	60.4	60.4	60.4	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	55.8	59.1	59.4	60.1	60.5	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	56.3	59.6	59.9	60.6	61.0	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	57.0	60.6	60.8	61.5	61.9	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 12000	58.6	62.2	62.5	63.2	63.7	63.7	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	60.6	64.3	64.7	65.3	65.8	65.8	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	61.0	64.8	65.1	65.8	66.3	66.3	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	62.5	66.4	66.7	67.5	68.0	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	63.0	67.1	67.5	68.3	68.8	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	64.1	68.7	69.1	69.8	70.3	70.3	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	65.6	70.5	71.0	71.7	72.2	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	66.5	71.4	71.9	72.7	73.2	73.2	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	68.2	73.9	74.5	75.2	75.7	75.7	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	69.6	75.7	76.2	77.0	77.5	77.5	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3000	70.9	77.4	78.1	78.9	79.4	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	72.5	79.6	80.2	81.1	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000	73.9	81.8	82.5	83.4	84.2	84.2	84.3	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 1800	74.8	83.0	83.9	84.8	85.5	85.5	85.7	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 1500	75.7	84.7	85.6	86.6	87.5	87.5	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1200	76.4	86.5	87.7	89.1	90.1	90.2	90.4	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 1000	76.9	87.2	88.7	90.3	91.4	91.4	91.7	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	76.9	87.3	88.8	90.5	91.9	92.0	92.3	92.5	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 800	76.9	87.8	89.5	91.3	93.1	93.3	93.9	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 700	76.9	88.2	90.1	92.0	93.9	94.0	94.6	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	77.0	88.6	90.5	92.5	94.5	94.7	95.3	95.9	95.9	96.4	96.4	96.4	96.5	96.5	96.6	96.6
≥ 500	77.1	88.9	90.9	92.9	95.2	95.4	96.1	96.8	96.8	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 400	77.1	89.2	91.2	93.3	95.6	95.8	96.6	97.3	97.3	98.2	98.2	98.2	98.3	98.3	98.4	98.4
≥ 300	77.1	89.3	91.4	93.5	95.8	96.1	97.0	97.7	97.7	98.6	98.8	98.8	98.9	98.9	99.0	99.0
≥ 200	77.1	89.3	91.4	93.5	95.8	96.1	97.1	97.8	97.8	98.8	99.0	99.0	99.3	99.3	99.3	99.3
≥ 100	77.1	89.3	91.4	93.5	95.8	96.1	97.1	97.8	97.8	98.8	99.1	99.1	99.4	99.4	99.5	99.6
≥ 0	77.1	89.3	91.4	93.5	95.8	96.1	97.1	97.8	97.8	98.8	99.1	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1610

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GAY BUSINESS SYSTEMS
150223

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.3	46.0	46.1	46.4	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.3	47.3
≥ 20000	55.4	59.8	60.1	60.8	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	62.0	62.0
≥ 18000	55.4	59.8	60.1	60.8	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	62.0	62.0
≥ 16000	55.4	59.9	60.2	60.8	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	62.1	62.1
≥ 14000	55.9	60.3	60.6	61.3	62.0	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.5	62.5
≥ 12000	56.7	61.5	61.8	62.4	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.6	63.6
≥ 10000	57.9	63.1	63.4	64.0	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.2	65.2
≥ 9000	58.7	63.9	64.2	64.8	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.0	66.0
≥ 8000	59.7	65.1	65.4	66.0	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.2
≥ 7000	60.6	66.0	66.4	67.0	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.2	68.2
≥ 6000	61.5	67.0	67.3	67.9	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1	69.1
≥ 5000	63.5	69.3	69.8	70.4	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.7	71.7
≥ 4500	64.2	70.2	70.8	71.5	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.8	72.8
≥ 4000	65.9	72.3	72.7	73.5	74.2	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.8	74.8
≥ 3500	67.7	74.1	74.5	75.3	76.0	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.6	76.6
≥ 3000	69.2	75.9	76.3	77.0	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.3
≥ 2500	70.3	77.3	77.8	78.5	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.8	79.8
≥ 2000	72.1	79.9	80.5	81.5	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	83.1	83.1
≥ 1800	72.9	81.3	82.1	83.1	84.0	84.0	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	85.0	85.0
≥ 1500	73.9	83.4	84.4	85.5	86.6	86.7	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.6	87.6
≥ 1200	74.9	85.3	86.4	87.6	88.8	88.9	89.2	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.9	89.9
≥ 1000	75.2	86.1	87.3	88.6	89.9	89.9	90.3	90.4	90.5	90.6	90.6	90.6	90.6	90.6	91.0	91.0
≥ 900	75.5	87.0	88.5	90.0	91.4	91.4	91.8	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.6	92.6
≥ 800	75.5	87.4	89.0	90.4	92.2	92.2	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.5	93.5
≥ 700	75.5	87.7	89.4	90.9	92.9	93.0	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.2	94.2
≥ 600	75.7	88.1	89.9	91.4	93.5	93.5	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	95.0	95.0
≥ 500	75.9	88.6	90.5	92.2	94.7	94.8	95.4	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.5	96.5
≥ 400	75.9	88.7	90.7	92.7	95.3	95.4	96.1	96.5	96.6	96.9	97.1	97.1	97.1	97.1	97.5	97.5
≥ 300	76.0	88.9	91.0	93.1	95.8	95.9	96.6	97.1	97.2	97.5	97.7	97.7	97.7	97.7	98.1	98.1
≥ 200	76.0	88.9	91.0	93.2	95.9	96.0	96.8	97.3	97.4	98.1	98.3	98.3	98.4	98.4	98.8	98.8
≥ 100	76.0	89.0	91.1	93.2	96.0	96.1	97.0	97.5	97.6	98.5	98.8	98.8	99.1	99.1	99.5	99.5
≥ 0	76.0	89.0	91.1	93.2	96.0	96.1	97.0	97.5	97.6	98.5	98.8	98.8	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1611

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECKY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	45.2	45.4	45.8	45.9	45.9	46.0	46.2	46.2	46.5	46.6	46.6	46.6	46.6	46.7	46.8
≥ 20000	53.9	57.5	57.8	58.3	58.5	58.5	58.7	58.8	58.8	59.2	59.3	59.3	59.3	59.3	59.4	59.5
≥ 18000	54.0	57.6	57.9	58.4	58.6	58.6	58.8	58.9	58.9	59.3	59.4	59.4	59.4	59.4	59.5	59.6
≥ 16000	54.0	57.6	58.0	58.4	58.7	58.7	58.8	59.0	59.0	59.4	59.5	59.5	59.5	59.5	59.6	59.6
≥ 14000	54.8	59.2	59.6	60.0	60.2	60.2	60.4	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.2	61.2
≥ 12000	55.7	60.5	60.9	61.3	61.6	61.6	61.7	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.5	62.5
≥ 10000	56.1	61.0	61.4	61.8	62.1	62.1	62.2	62.4	62.4	62.8	62.9	62.9	62.9	62.9	63.0	63.0
≥ 9000	56.6	61.6	61.9	62.4	62.6	62.6	62.8	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.5	63.6
≥ 8000	57.2	62.3	62.7	63.2	63.4	63.4	63.6	63.8	63.8	64.2	64.3	64.3	64.3	64.3	64.4	64.4
≥ 7000	57.5	62.7	63.1	63.6	63.8	63.8	64.0	64.2	64.2	64.6	64.7	64.7	64.7	64.7	64.8	64.8
≥ 6000	58.5	63.8	64.2	64.6	64.8	64.8	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.8	65.9	66.0
≥ 5000	59.7	65.6	66.0	66.5	66.7	66.7	66.9	67.2	67.2	67.6	67.7	67.7	67.7	67.7	67.8	67.8
≥ 4500	60.5	66.4	66.8	67.2	67.4	67.4	67.7	68.0	68.0	68.3	68.4	68.4	68.4	68.4	68.5	68.6
≥ 4000	61.9	68.2	68.6	69.0	69.3	69.3	69.5	69.8	69.8	70.2	70.2	70.2	70.2	70.2	70.3	70.4
≥ 3500	62.9	69.5	69.9	70.3	70.6	70.6	70.8	71.1	71.1	71.5	71.5	71.5	71.5	71.5	71.6	71.7
≥ 3000	65.1	71.9	72.3	72.7	73.0	73.0	73.3	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.1	74.2
≥ 2500	66.5	74.0	74.4	75.0	75.3	75.3	75.5	75.8	75.8	76.2	76.3	76.3	76.3	76.3	76.4	76.4
≥ 2000	69.9	78.2	78.7	79.4	79.7	79.7	80.0	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.9	80.9
≥ 1800	72.0	80.8	81.4	82.2	82.5	82.5	82.8	83.1	83.1	83.5	83.6	83.6	83.6	83.6	83.7	83.7
≥ 1500	74.1	84.0	84.5	85.4	85.7	85.7	86.2	86.5	86.5	86.9	86.9	86.9	86.9	86.9	87.0	87.1
≥ 1200	76.7	87.5	88.1	89.0	89.4	89.4	89.8	90.1	90.1	90.6	90.7	90.7	90.7	90.7	90.8	90.8
≥ 1000	78.0	89.1	89.7	90.7	91.2	91.2	91.7	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.8	92.8
≥ 900	78.5	90.0	90.6	91.6	92.1	92.1	92.7	93.0	93.0	93.6	93.7	93.7	93.7	93.7	93.8	93.8
≥ 800	79.0	90.6	91.3	92.6	93.1	93.1	93.7	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.8	94.8
≥ 700	79.3	91.5	92.3	93.7	94.3	94.3	94.8	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.9	96.0
≥ 600	79.5	92.1	93.0	94.5	95.0	95.0	95.6	96.0	96.0	96.6	96.7	96.7	96.7	96.7	96.8	96.8
≥ 500	79.7	92.4	93.3	94.8	95.4	95.4	96.3	96.7	96.7	97.3	97.4	97.4	97.5	97.5	97.6	97.6
≥ 400	79.7	92.6	93.5	95.0	95.8	95.8	96.6	97.0	97.0	97.7	97.7	97.7	97.8	97.8	98.0	98.0
≥ 300	79.7	92.8	93.7	95.2	96.0	96.0	96.9	97.3	97.3	98.1	98.1	98.1	98.2	98.2	98.4	98.4
≥ 200	79.8	92.9	93.8	95.4	96.1	96.1	97.1	97.5	97.5	98.4	98.5	98.5	98.5	98.5	98.7	98.8
≥ 100	79.8	92.9	93.8	95.4	96.1	96.1	97.2	97.6	97.6	98.5	98.7	98.7	96.9	98.9	99.1	99.2
≥ 0	79.8	93.0	93.9	95.5	96.2	96.2	97.3	97.7	97.7	98.6	98.8	98.8	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1766

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECKY BUSINESS SYSTEMS
150525

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

0300-0500 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.3	39.9	40.3	40.4	40.5	40.5	40.5	40.7	40.7	40.9	40.9	40.9	40.9	40.9	41.0	41.1
≥ 20000	45.3	48.9	49.5	49.8	49.8	49.8	49.9	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.5	50.6
> 18000	45.4	48.9	49.6	49.8	49.9	49.9	49.9	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.5	50.7
≥ 16000	45.5	49.0	49.7	49.9	50.0	50.0	50.1	50.2	50.2	50.4	50.4	50.4	50.5	50.5	50.6	50.8
≥ 14000	46.1	50.2	50.9	51.1	51.2	51.2	51.2	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.8	52.0
≥ 12000	47.4	51.5	52.2	52.4	52.5	52.5	52.5	52.7	52.7	52.9	52.9	52.9	52.9	52.9	53.1	53.3
≥ 10000	48.1	52.3	52.9	53.2	53.3	53.3	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.9	54.1
≥ 9000	48.8	53.0	53.7	54.0	54.0	54.0	54.1	54.2	54.2	54.4	54.4	54.4	54.5	54.5	54.6	54.8
≥ 8000	49.7	54.3	55.0	55.3	55.4	55.4	55.5	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.1	56.2
≥ 7000	50.9	55.7	56.4	56.7	56.8	56.8	56.9	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.5	57.6
≥ 6000	52.0	56.9	57.6	57.9	58.0	58.0	58.1	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.7	58.8
≥ 5000	54.0	59.1	59.8	60.1	60.2	60.2	60.3	60.5	60.5	60.6	60.6	60.6	60.7	60.7	60.9	61.0
≥ 4500	54.8	60.1	60.8	61.2	61.2	61.2	61.3	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.9	62.1
≥ 4000	55.4	60.9	61.8	62.2	62.2	62.2	62.3	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.9	63.1
≥ 3500	56.1	61.8	62.7	63.2	63.3	63.3	63.4	63.5	63.5	63.8	63.8	63.8	63.8	63.8	64.0	64.2
≥ 3000	57.2	63.2	64.2	64.7	64.8	64.8	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.5	65.7
≥ 2500	58.7	65.0	66.1	66.8	66.8	66.8	66.9	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.6	67.7
≥ 2000	61.5	68.8	70.1	70.8	71.0	71.0	71.1	71.2	71.2	71.5	71.5	71.5	71.7	71.7	71.9	72.0
≥ 1800	64.0	71.6	73.0	73.8	74.0	74.0	74.2	74.3	74.3	74.6	74.6	74.6	74.8	74.8	75.0	75.1
≥ 1500	68.0	76.4	77.9	78.7	78.9	78.9	79.1	79.3	79.3	79.5	79.5	79.5	79.7	79.7	79.9	80.1
≥ 1200	71.0	81.0	82.6	83.6	83.8	83.8	84.1	84.3	84.3	84.7	84.7	84.7	84.9	84.9	85.1	85.3
≥ 1000	72.3	83.1	84.7	85.7	86.2	86.2	86.6	86.8	86.8	87.3	87.3	87.3	87.5	87.5	87.7	87.9
≥ 900	72.8	84.0	85.7	87.0	87.5	87.5	88.0	88.2	88.2	88.7	88.7	88.7	89.0	89.0	89.1	89.3
≥ 800	73.6	85.2	86.9	88.4	89.0	89.0	89.5	89.8	89.8	90.3	90.3	90.3	90.7	90.7	90.8	91.0
≥ 700	74.3	86.4	88.3	90.1	90.7	90.7	91.3	91.6	91.6	92.1	92.1	92.1	92.5	92.5	92.6	92.8
≥ 600	74.7	87.4	89.3	91.3	91.9	91.9	92.5	92.8	92.8	93.4	93.4	93.4	93.7	93.7	93.9	94.1
≥ 500	74.8	88.1	90.0	92.0	92.8	92.8	93.5	93.8	93.8	94.4	94.4	94.4	94.7	94.7	94.9	95.1
≥ 400	74.8	88.2	90.2	92.3	93.5	93.5	94.7	95.0	95.0	95.6	95.6	95.6	95.9	95.9	96.1	96.3
≥ 300	74.8	88.3	90.4	92.5	93.8	93.8	95.1	95.5	95.5	96.1	96.2	96.2	96.5	96.5	96.7	96.9
≥ 200	74.8	88.3	90.5	92.6	93.9	93.9	95.2	95.6	95.6	96.3	96.4	96.4	96.9	96.9	97.1	97.2
≥ 100	74.8	88.3	90.5	92.6	93.9	93.9	95.2	95.7	95.7	96.	96.9	96.9	97.7	97.7	98.0	98.2
≥ 0	74.8	88.3	90.5	92.6	93.9	93.9	95.2	95.7	95.7	96.7	96.9	96.9	97.8	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1766

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FGBY BUSINESS SYSTEMS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB* STATION NAME | 43-45,49-64 YEARS | MAR MONTH

0600-0800 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.5	33.3	33.9	34.2	34.6	34.6	34.8	34.9	34.9	35.1	35.1	35.1	35.2	35.2	35.3	35.3
≥ 20000	38.7	44.1	44.9	45.4	46.1	46.1	46.3	46.5	46.5	46.6	46.7	46.7	46.7	46.7	46.9	46.9
≥ 18000	38.7	44.3	45.1	45.6	46.3	46.3	46.5	46.6	46.6	46.8	46.9	46.9	46.9	46.9	47.0	47.1
≥ 16000	38.8	44.4	45.2	45.7	46.4	46.4	46.6	46.7	46.7	46.9	47.0	47.0	47.0	47.0	47.1	47.2
≥ 14000	40.0	45.8	46.6	47.1	47.8	47.8	48.0	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.6	48.6
≥ 12000	41.5	47.8	48.6	49.1	49.8	49.8	50.0	50.1	50.1	50.3	50.4	50.4	50.4	50.4	50.5	50.6
≥ 10000	43.0	49.3	50.2	50.7	51.4	51.4	51.6	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.1	52.2
≥ 9000	43.6	50.0	50.9	51.4	52.1	52.1	52.2	52.4	52.4	52.6	52.6	52.6	52.7	52.7	52.8	52.9
≥ 8000	44.3	50.8	51.7	52.2	52.9	52.9	53.2	53.4	53.4	53.5	53.6	53.6	53.7	53.7	53.8	53.9
≥ 7000	45.0	51.8	52.8	53.4	54.0	54.0	54.4	54.6	54.6	54.8	54.8	54.8	55.0	55.0	55.1	55.1
≥ 6000	46.1	53.3	54.3	54.8	55.5	55.5	55.9	56.1	56.1	56.3	56.3	56.3	56.4	56.4	56.5	56.6
≥ 5000	47.5	55.2	56.3	56.9	57.6	57.6	58.0	58.1	58.1	58.3	58.3	58.3	58.5	58.5	58.6	58.6
≥ 4500	48.0	55.9	57.0	57.6	58.3	58.3	58.7	58.9	58.9	59.1	59.1	59.1	59.3	59.3	59.4	59.4
≥ 4000	49.1	57.2	58.3	59.0	59.7	59.7	60.2	60.3	60.3	60.5	60.6	60.6	60.7	60.7	60.8	60.8
≥ 3500	49.9	58.3	59.5	60.3	61.0	61.0	61.4	61.6	61.6	61.7	61.8	61.8	61.9	61.9	62.0	62.1
≥ 3000	51.2	60.3	61.7	62.5	63.3	63.3	63.8	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.5	64.5
≥ 2500	53.0	62.9	64.5	65.3	66.0	66.0	66.6	66.8	66.8	66.9	67.0	67.0	67.1	67.1	67.2	67.3
≥ 2000	55.5	66.0	67.7	68.7	69.6	69.6	70.1	70.3	70.3	70.5	70.5	70.5	70.7	70.7	70.8	70.9
≥ 1800	56.8	67.6	69.4	70.5	71.3	71.3	72.0	72.2	72.2	72.3	72.4	72.4	72.6	72.6	72.7	72.7
≥ 1500	59.5	71.4	73.2	74.3	75.2	75.2	75.9	76.2	76.2	76.3	76.4	76.4	76.6	76.6	76.7	76.7
≥ 1200	62.1	74.5	77.0	78.1	78.9	79.0	79.7	80.0	80.0	80.1	80.2	80.2	80.4	80.4	80.5	80.5
≥ 1000	63.4	77.4	79.9	81.3	82.3	82.3	83.0	83.4	83.4	83.5	83.6	83.6	83.8	83.8	83.9	83.9
≥ 900	63.9	78.6	81.3	82.7	83.8	83.8	84.6	84.9	84.9	85.1	85.1	85.1	85.3	85.3	85.4	85.5
≥ 800	64.4	80.0	83.0	84.7	85.8	85.9	86.6	87.2	87.2	87.4	87.5	87.5	87.8	87.8	87.9	87.9
≥ 700	65.0	81.0	84.2	85.5	87.9	88.0	88.9	89.5	89.5	89.8	89.9	89.9	90.2	90.2	90.3	90.3
≥ 600	65.1	81.8	85.4	86.1	89.5	89.6	90.5	91.2	91.2	91.6	91.7	91.7	92.0	92.0	92.1	92.1
≥ 500	65.3	82.2	86.1	89.1	91.0	91.2	92.4	93.1	93.1	93.8	94.0	94.0	94.3	94.3	94.4	94.5
≥ 400	65.5	82.6	86.5	89.7	91.8	92.1	93.5	94.3	94.3	95.1	95.4	95.4	95.6	95.6	95.8	95.8
≥ 300	65.5	82.7	86.6	89.9	92.0	92.4	93.8	94.7	94.7	95.6	95.9	95.9	96.3	96.3	96.4	96.4
≥ 200	65.5	82.7	86.7	90.0	92.1	92.5	94.0	95.0	95.0	96.3	96.9	96.9	97.3	97.3	97.5	97.6
≥ 100	65.5	82.8	86.8	90.0	92.2	92.5	94.1	95.0	95.0	96.5	97.1	97.1	97.7	97.8	98.1	98.2
≥ 0	65.5	82.8	86.8	90.0	92.2	92.5	94.1	95.0	95.0	96.5	97.1	97.1	97.8	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED BUSINESS SYSTEMS
15623

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.2	35.4	35.5	35.6	35.8	35.8	35.8	35.8	35.8	35.9	35.9	35.9	36.0	36.0	36.0	36.0
≥ 20000	44.7	49.6	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	45.1	50.0	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.7	50.7	50.7	50.8	50.8	50.8	50.8
≥ 16000	45.1	50.0	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.7	50.7	50.7	50.8	50.8	50.8	50.8
≥ 14000	46.0	51.0	51.1	51.3	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	47.6	52.8	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.7
≥ 10000	48.7	54.3	54.6	54.8	55.0	55.0	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 9000	49.0	54.7	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	49.9	55.7	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 7000	50.7	56.7	57.0	57.4	57.6	57.6	57.5	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8
≥ 6000	52.0	58.1	58.4	58.7	58.9	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 5000	53.1	59.6	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4500	53.7	60.4	60.9	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 4000	54.7	61.5	62.0	62.4	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 3500	55.7	62.6	63.2	63.6	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3000	57.6	65.0	65.6	66.0	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 2500	59.3	67.2	67.8	68.3	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8
≥ 2000	62.6	71.4	72.3	72.9	73.3	73.3	73.3	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1800	63.8	73.0	74.0	74.6	75.0	75.0	75.0	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1500	66.3	76.7	77.7	78.4	78.8	78.8	78.8	78.9	78.9	79.2	79.2	79.2	79.3	79.3	79.3	79.3
≥ 1200	68.4	80.6	81.9	82.7	83.1	83.1	83.2	83.4	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 1000	69.7	83.1	84.6	85.6	86.0	86.0	86.1	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 900	69.9	83.9	85.5	86.5	86.9	86.9	87.1	87.3	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 800	70.3	85.5	87.4	88.5	89.1	89.1	89.5	89.8	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 700	70.7	86.8	88.9	90.3	91.2	91.3	91.9	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	70.9	87.5	89.9	91.6	92.7	92.8	93.5	93.9	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.5
≥ 500	70.9	87.9	90.4	92.4	93.7	93.8	94.6	95.1	95.1	95.6	95.9	95.9	96.0	96.0	96.0	96.0
≥ 400	70.9	87.9	90.5	92.8	94.2	94.3	95.8	96.4	96.5	97.4	97.7	97.7	97.8	97.8	97.8	97.8
≥ 300	70.9	87.9	90.5	92.8	94.3	94.4	96.2	96.9	97.0	98.1	98.5	98.5	98.7	98.7	98.7	98.7
≥ 200	71.0	88.0	90.6	92.8	94.3	94.5	96.3	97.1	97.2	98.5	98.9	98.9	99.2	99.2	99.2	99.2
≥ 100	71.0	88.0	90.6	92.8	94.3	94.5	96.3	97.1	97.2	98.5	99.0	99.0	99.3	99.3	99.5	99.5
≥ 0	71.0	88.0	90.6	92.8	94.3	94.5	96.3	97.1	97.2	98.5	99.0	99.0	99.4	99.5	99.7	100.

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS

1505-23

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

1200-1400 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.1	38.8	39.1	39.4	39.5	39.5	39.7	39.7	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	53.5	56.1	56.4	56.6	56.8	56.8	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	53.9	56.5	56.8	57.1	57.2	57.2	57.4	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	54.0	56.7	57.0	57.3	57.4	57.4	57.7	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	55.0	57.7	58.0	58.3	58.4	58.4	58.6	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	56.3	59.1	59.4	59.8	60.0	60.0	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000	57.3	60.3	60.6	61.0	61.2	61.2	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000	57.8	60.8	61.1	61.5	61.7	61.7	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	58.5	61.7	62.0	62.4	62.6	62.6	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	59.3	62.8	63.1	63.6	63.8	63.8	64.0	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	60.3	64.1	64.3	64.8	65.0	65.0	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	61.6	65.5	65.8	66.2	66.4	66.4	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500	61.9	65.9	66.2	66.6	66.8	66.8	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	63.4	67.5	67.8	68.3	68.5	68.5	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3500	65.2	69.5	69.8	70.3	70.5	70.5	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	67.9	72.6	73.0	73.5	73.7	73.7	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500	71.9	77.3	77.8	78.2	78.5	78.5	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 2000	76.6	83.1	83.6	84.2	84.5	84.5	84.9	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	77.2	84.0	84.5	85.2	85.6	85.6	86.0	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	78.8	86.4	87.0	87.7	88.1	88.1	88.6	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	80.1	88.5	89.2	90.2	90.6	90.6	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1000	80.8	90.4	91.5	92.4	93.0	93.0	93.6	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	81.0	90.9	92.1	93.1	93.8	93.8	94.4	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	81.2	91.6	92.8	93.8	94.6	94.6	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	81.3	92.0	93.2	94.5	95.3	95.4	96.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	81.3	92.2	93.4	94.7	95.7	95.8	96.9	97.1	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 500	81.3	92.2	93.5	95.0	96.3	96.4	97.6	97.8	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 400	81.3	92.4	93.8	95.2	96.5	96.7	98.0	98.3	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	81.3	92.4	93.8	95.3	96.7	96.8	98.1	98.5	98.5	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 200	81.3	92.4	93.8	95.3	96.7	96.8	98.1	98.5	98.5	99.3	99.5	99.5	99.8	99.8	99.9	99.9
≥ 100	81.3	92.4	93.8	95.3	96.7	96.8	98.1	98.5	98.5	99.3	99.5	99.5	99.8	99.8	100.0	100.0
≥ 0	81.3	92.4	93.8	95.3	96.7	96.8	98.1	98.5	98.5	99.3	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECRT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	> 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	> 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.1	42.0	42.1	42.2	42.5	42.6	42.6	42.7	42.7	42.9	43.0	43.0	43.0	43.0	43.0	43.0
≥ 20000	58.1	61.2	61.3	61.4	61.7	61.7	61.8	61.9	61.9	62.1	6 .1	62.1	62.1	62.1	62.1	62.1
> 18000	58.3	61.5	61.5	61.6	61.9	62.0	62.0	62.1	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	58.5	61.9	62.0	62.1	62.4	62.4	62.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	59.7	63.2	63.2	63.3	63.6	63.7	63.7	63.8	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	60.8	64.3	64.3	64.5	64.7	64.8	64.9	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2
> 10000	62.5	66.1	66.2	66.3	66.6	66.7	66.7	66.8	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	63.0	66.7	66.9	67.0	67.3	67.4	67.5	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8
> 8000	63.7	67.6	67.7	67.9	68.2	68.3	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	64.3	68.4	68.5	68.6	69.0	69.0	69.1	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
> 6000	65.1	69.3	69.4	69.6	69.9	69.9	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	66.5	71.0	71.2	71.5	71.8	71.9	71.9	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3
> 4500	67.2	71.9	72.0	72.3	72.7	72.7	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
> 4000	69.6	74.4	74.5	74.8	75.2	75.3	75.3	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7
> 3500	71.6	77.1	77.3	77.6	78.0	78.0	78.2	78.3	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3000	74.8	80.8	81.0	81.3	81.8	81.8	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
> 2500	78.1	84.6	84.9	85.3	85.9	85.9	86.0	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4
> 2000	81.7	88.9	89.2	89.5	90.1	90.2	90.4	90.5	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	81.9	89.3	89.6	90.0	90.5	90.6	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	82.9	90.7	91.1	91.5	92.1	92.1	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	83.6	91.9	92.5	93.0	93.5	93.6	93.9	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	83.8	92.7	93.4	94.0	94.7	94.7	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	83.8	92.8	93.4	94.2	95.0	95.0	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	83.9	93.0	93.8	94.6	95.4	95.5	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 700	84.0	93.1	94.0	94.8	95.6	95.7	96.5	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 600	84.0	93.4	94.3	95.4	96.4	96.4	97.4	97.7	97.7	98.0	98.0	98.0	98.2	98.2	98.2	98.2
≥ 500	84.0	93.7	94.6	95.7	96.7	96.8	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.0
≥ 400	84.1	93.7	94.7	95.8	96.8	96.9	98.1	98.6	98.6	98.9	98.9	98.9	99.2	99.2	99.2	99.2
≥ 300	84.2	93.8	94.8	96.0	97.1	97.2	98.5	99.0	99.0	99.3	99.3	99.4	99.7	99.7	99.8	99.8
≥ 200	84.2	93.8	94.8	96.0	97.1	97.2	98.5	99.0	99.0	99.3	99.3	99.4	99.7	99.7	99.8	99.8
> 100	84.2	93.8	94.8	96.0	97.1	97.2	98.5	99.0	99.0	99.3	99.3	99.4	99.7	99.7	99.9	100.0
≥ 0	84.2	93.8	94.8	96.0	97.1	97.2	98.5	99.0	99.0	99.3	99.3	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECRY BUSINESS SYSTEMS.
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | MAR MONTH

1800-2000 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.8	45.6	45.8	46.3	46.7	46.8	47.0	47.3	47.3	47.3	47.4	47.4	47.5	47.5	47.5	47.5
≥ 20000	61.2	64.6	65.0	65.6	66.1	66.2	66.4	66.6	66.6	66.7	66.7	66.7	66.9	66.9	66.9	66.9
≥ 18000	61.4	64.9	65.3	65.8	66.3	66.4	66.6	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1
≥ 16000	61.6	65.3	65.7	66.2	66.7	66.8	67.0	67.3	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5
≥ 14000	62.8	66.5	66.9	67.4	67.9	68.0	68.2	68.4	68.4	68.5	68.6	68.6	68.7	68.7	68.7	68.7
≥ 12000	63.8	67.8	68.2	68.9	69.3	69.5	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1
≥ 10000	65.0	69.1	69.6	70.3	70.8	70.9	71.1	71.3	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6
≥ 9000	65.6	69.7	70.2	70.9	71.4	71.5	71.7	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.2
≥ 8000	66.9	71.1	71.6	72.3	72.7	72.9	73.1	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5
≥ 7000	67.3	71.6	72.1	72.8	73.3	73.4	73.6	73.8	73.8	73.9	73.9	73.9	74.1	74.1	74.1	74.1
≥ 6000	68.2	73.0	73.7	74.4	74.9	75.0	75.2	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7
≥ 5000	70.0	75.4	76.0	76.8	77.3	77.5	77.7	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.2
≥ 4500	70.6	76.0	76.7	77.5	78.0	78.1	78.4	78.6	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9
≥ 4000	72.4	78.2	78.9	79.8	80.3	80.4	80.7	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 3500	74.1	80.6	81.2	82.2	82.7	82.8	83.1	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6
≥ 3000	76.0	83.2	83.9	84.9	85.4	85.6	85.8	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 2500	77.5	85.4	86.0	87.0	87.6	87.8	88.2	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7
≥ 2000	80.0	88.3	89.0	90.0	90.6	90.7	91.2	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1800	80.6	89.2	89.9	90.9	91.6	91.7	92.1	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 1500	81.4	90.7	91.4	92.5	93.3	93.4	93.8	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 1200	82.2	91.8	92.6	93.9	94.6	94.7	95.2	95.5	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1000	82.5	92.5	93.2	94.7	95.5	95.6	96.0	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 900	82.5	92.6	93.4	94.9	95.7	95.8	96.3	96.5	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8
≥ 800	82.5	92.6	93.5	95.0	95.8	95.9	96.4	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 700	82.6	92.9	94.0	95.6	96.4	96.5	97.2	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7
≥ 600	82.7	93.1	94.2	95.8	96.7	96.8	97.5	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 500	82.9	93.3	94.4	96.1	97.0	97.1	98.0	98.4	98.4	98.5	98.5	98.5	98.8	98.8	98.8	98.8
≥ 400	82.9	93.3	94.6	96.2	97.2	97.3	98.2	98.8	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.3
≥ 300	82.9	93.4	94.6	96.3	97.3	97.5	98.5	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7
≥ 200	82.9	93.4	94.6	96.3	97.3	97.5	98.5	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 100	82.9	93.4	94.6	96.3	97.3	97.5	98.5	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8
0	82.9	93.4	94.6	96.3	97.3	97.5	98.5	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1765

ALLIED/EGRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING · VERSUS VISIBILITY

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 43-45,49-64 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.7	51.3	51.8	52.4	52.7	52.8	53.0	53.0	53.0	53.3	53.4	53.4	53.4	53.4	53.5	53.5
≥ 20000	63.3	67.6	68.4	69.0	69.3	69.4	69.6	69.6	69.6	69.9	70.0	70.0	70.0	70.0	70.1	70.1
≥ 18000	63.4	67.8	68.6	69.2	69.4	69.6	69.8	69.8	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.3
≥ 16000	63.5	67.9	68.7	69.3	69.6	69.7	69.9	69.9	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.4
≥ 14000	64.3	68.9	69.7	70.2	70.5	70.6	70.9	70.9	70.9	71.1	71.3	71.3	71.3	71.3	71.3	71.4
≥ 12000	64.9	69.8	70.6	71.2	71.5	71.6	71.8	71.8	71.8	72.1	72.2	72.2	72.2	72.2	72.3	72.3
≥ 10000	65.5	70.7	71.6	72.2	72.5	72.6	72.8	72.8	72.8	73.1	73.2	73.2	73.2	73.2	73.3	73.3
≥ 9000	65.9	71.1	72.0	72.6	72.9	73.0	73.2	73.2	73.2	73.5	73.6	73.6	73.6	73.6	73.7	73.7
≥ 8000	66.7	72.0	73.0	73.6	73.9	74.0	74.2	74.2	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.7
≥ 7000	67.2	72.8	73.7	74.3	74.6	74.7	74.9	74.9	74.9	75.2	75.3	75.3	75.3	75.3	75.4	75.4
≥ 6000	67.9	73.9	74.8	75.4	75.7	75.8	76.0	76.0	76.0	76.3	76.4	76.4	76.4	76.4	76.5	76.5
≥ 5000	68.8	75.4	76.3	76.9	77.2	77.3	77.5	77.5	77.5	77.8	77.9	77.9	77.9	77.9	78.0	78.0
≥ 4500	69.7	76.4	77.4	77.9	78.2	78.3	78.6	78.6	78.6	78.8	78.9	78.9	78.9	78.9	79.0	79.1
≥ 4000	71.4	78.7	79.6	80.2	80.5	80.6	80.9	80.9	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 3500	72.3	79.6	80.6	81.2	81.5	81.6	81.8	81.8	81.8	82.1	82.2	82.2	82.2	82.2	82.3	82.3
≥ 3000	73.9	81.8	82.7	83.3	83.7	83.8	84.0	84.0	84.0	84.3	84.4	84.4	84.4	84.4	84.5	84.6
≥ 2500	76.1	84.8	85.7	86.3	86.7	86.8	87.0	87.0	87.0	87.3	87.4	87.4	87.4	87.4	87.5	87.5
≥ 2000	77.9	87.1	88.1	88.6	89.0	89.1	89.4	89.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.9
≥ 1800	78.7	88.1	89.1	89.7	90.2	90.3	90.6	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.1	91.1
≥ 1500	79.3	89.2	90.3	90.9	91.3	91.5	91.8	91.8	91.8	92.2	92.3	92.3	92.3	92.3	92.4	92.4
≥ 1200	81.3	92.1	93.2	93.8	94.2	94.3	94.8	94.8	94.8	95.2	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1000	81.4	92.5	93.7	94.3	94.8	94.9	95.4	95.4	95.4	95.8	95.9	95.9	95.9	95.9	96.0	96.0
≥ 900	81.7	93.1	94.3	95.0	95.4	95.5	96.0	96.1	96.1	96.5	96.6	96.6	96.6	96.6	96.7	96.7
≥ 800	81.7	93.3	94.6	95.2	95.6	95.8	96.3	96.3	96.3	96.7	96.8	96.8	96.8	96.8	96.9	96.9
≥ 700	81.8	93.5	94.9	95.5	96.0	96.1	96.6	96.7	96.7	97.1	97.2	97.2	97.2	97.2	97.3	97.3
≥ 600	81.9	93.9	95.4	96.0	96.5	96.6	97.1	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.8	97.8
≥ 500	81.9	94.3	95.8	96.4	96.9	97.0	97.5	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.3	98.4
≥ 400	81.9	94.4	95.9	96.5	97.0	97.1	97.6	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.5	98.5
≥ 300	81.9	94.5	95.9	96.8	97.3	97.5	98.0	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.9
≥ 200	81.9	94.6	96.0	96.9	97.5	97.6	98.2	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.4	99.4
≥ 100	81.9	94.6	96.0	96.9	97.5	97.6	98.2	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.5	99.6
≥ 0	81.9	94.6	96.0	96.9	97.5	97.6	98.2	98.4	98.4	98.9	99.2	99.2	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | APR MONTH

0000-0200 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.6	42.7	42.8	42.9	43.0	43.0	43.2	43.2	43.2	43.3	43.4	43.4	43.5	43.5	43.5	43.5
≥ 20000	55.9	58.9	59.2	59.4	59.5	59.5	59.6	59.6	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9
> 18000	56.0	59.0	59.4	59.5	59.6	59.6	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
> 16000	56.1	59.1	59.4	59.5	59.6	59.6	59.8	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.1
> 14000	57.0	60.2	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2
≥ 12000	58.4	61.8	62.1	62.2	62.3	62.3	62.5	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	59.9	63.3	63.7	63.9	64.1	64.1	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5
≥ 9000	60.4	63.9	64.3	64.4	64.6	64.6	64.8	64.8	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0
≥ 8000	61.2	64.8	65.2	65.3	65.6	65.6	65.7	65.7	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0
≥ 7000	61.6	65.6	66.1	66.2	66.4	66.4	66.6	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	62.3	66.4	66.9	67.0	67.3	67.3	67.4	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7
≥ 5000	63.0	67.5	68.1	68.2	68.8	68.8	68.9	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 4500	63.8	68.3	68.9	69.1	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 4000	65.1	69.8	70.5	70.6	71.2	71.2	71.3	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 3500	66.0	70.8	71.5	71.6	72.2	72.2	72.3	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6
≥ 3000	67.0	72.3	73.0	73.2	73.7	73.7	73.9	73.9	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2
≥ 2500	68.4	74.3	75.1	75.3	76.0	76.0	76.1	76.1	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 2000	72.9	79.6	80.5	80.7	81.4	81.4	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8
> 1800	75.2	82.2	83.1	83.3	84.0	84.0	84.2	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	78.6	86.1	87.0	87.3	88.0	88.0	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	81.1	89.5	90.4	90.7	91.4	91.4	91.6	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9
> 1000	82.4	92.0	92.9	93.2	93.9	93.9	94.2	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
> 900	82.9	93.3	94.2	94.5	95.2	95.2	95.4	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	83.0	93.8	94.8	95.1	95.8	95.8	96.1	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	83.2	94.3	95.3	95.7	96.4	96.4	96.7	96.7	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	83.5	95.0	96.0	96.5	97.3	97.3	97.5	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9
> 500	83.5	95.1	96.3	97.0	97.7	97.7	98.1	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	83.7	95.4	96.7	97.4	98.1	98.1	98.5	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
> 300	83.7	95.6	96.8	97.5	98.3	98.3	98.8	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	83.7	95.6	96.9	97.6	98.4	98.4	98.8	98.9	98.9	99.2	99.3	99.3	99.6	99.6	99.6	99.6
> 100	83.7	95.6	97.0	97.7	98.5	98.5	98.9	99.0	99.0	99.4	99.5	99.5	99.9	99.9	99.9	99.9
≥ 0	83.7	95.6	97.0	97.7	98.5	98.5	98.9	99.0	99.0	99.4	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBT BUSINESS SYSTEMS

150323

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

0300-0500 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	35.5	36.0	36.1	36.3	36.3	36.5	36.5	36.5	36.7	36.7	36.7	36.8	36.8	36.8	36.9
≥ 20000	43.7	47.5	48.1	48.3	48.6	48.6	48.8	48.8	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.2
≥ 18000	43.7	47.5	48.1	48.3	48.6	48.6	48.8	48.8	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.2
≥ 16000	43.8	47.7	48.2	48.4	48.7	48.7	48.9	48.9	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.3
≥ 14000	44.2	48.2	48.7	48.9	49.2	49.2	49.4	49.5	49.5	49.6	49.6	49.6	49.8	49.8	49.8	49.8
≥ 12000	45.7	50.0	50.5	50.8	51.1	51.1	51.2	51.3	51.3	51.4	51.5	51.5	51.6	51.6	51.6	51.6
≥ 10000	47.0	51.5	52.1	52.3	52.7	52.7	52.9	52.9	52.9	53.0	53.1	53.1	53.2	53.2	53.2	53.3
≥ 9000	47.4	52.0	52.6	52.9	53.2	53.2	53.4	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.8
≥ 8000	48.5	53.2	53.8	54.0	54.4	54.4	54.6	54.6	54.6	54.7	54.8	54.8	54.9	54.9	54.9	55.0
≥ 7000	49.1	53.9	54.4	54.7	55.1	55.1	55.3	55.3	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.7
≥ 6000	49.8	54.7	55.3	55.6	56.0	56.0	56.1	56.2	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.5
≥ 5000	50.9	56.0	56.6	56.8	57.3	57.3	57.4	57.5	57.5	57.6	57.7	57.7	57.8	57.8	57.8	57.8
≥ 4500	51.3	56.4	57.0	57.3	57.7	57.7	57.8	57.9	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.2
≥ 4000	51.9	57.3	58.0	58.2	58.6	58.6	58.8	58.8	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.2
≥ 3500	52.6	58.2	58.9	59.2	59.6	59.6	59.8	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2
≥ 3000	54.3	60.2	60.9	61.2	61.6	61.6	61.8	61.8	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.2
≥ 2500	57.1	64.0	64.7	65.1	65.7	65.7	65.8	65.9	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.3
≥ 2000	61.6	69.7	70.4	70.8	71.3	71.3	71.5	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 1800	63.8	72.3	73.0	73.5	74.1	74.1	74.3	74.3	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7
≥ 1500	68.1	77.6	78.3	78.8	79.4	79.4	79.6	79.6	79.6	79.8	79.9	79.9	80.0	80.0	80.0	80.1
≥ 1200	73.1	84.7	85.6	86.1	86.8	86.8	87.0	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.5
≥ 1000	74.9	88.0	89.1	89.7	90.5	90.5	90.7	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.2
≥ 900	75.3	89.1	90.2	90.8	91.6	91.6	91.8	91.9	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3
≥ 800	75.8	90.2	91.5	92.2	93.2	93.2	93.4	93.5	93.5	93.7	93.7	93.7	93.9	93.9	93.9	93.9
≥ 700	76.2	90.9	92.3	93.0	94.0	94.0	94.3	94.3	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.8
≥ 600	76.3	91.2	92.7	93.4	94.6	94.6	94.9	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.4
≥ 500	76.4	92.0	93.8	94.5	96.0	96.0	96.3	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.8
≥ 400	76.4	92.4	94.3	95.0	96.5	96.5	97.0	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.9
≥ 300	76.4	92.7	94.6	95.4	96.9	96.9	97.4	97.7	97.7	98.2	98.2	98.2	98.4	98.4	98.4	98.5
≥ 200	76.4	92.7	94.6	95.5	97.1	97.1	97.7	98.0	98.0	98.5	98.5	98.5	98.7	98.7	98.7	98.8
≥ 100	76.4	92.7	94.6	95.6	97.3	97.3	97.9	98.2	98.2	98.8	98.8	98.8	99.2	99.2	99.5	99.6
≥ 0	76.4	92.7	94.6	95.6	97.3	97.3	97.9	98.2	98.2	98.8	98.9	98.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

ALLIED/ICAF BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.7	28.3	29.0	29.4	29.7	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.1	30.1
≥ 20000	34.1	38.9	40.0	40.6	41.2	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6
≥ 18000	34.2	39.0	40.1	40.6	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.7
≥ 16000	34.3	39.2	40.3	40.9	41.5	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9
≥ 14000	35.0	39.9	41.0	41.6	42.2	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6
≥ 12000	36.0	41.1	42.1	42.7	43.4	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.8	43.9
≥ 10000	37.1	42.5	43.7	44.3	45.1	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.6	45.6
≥ 9000	37.7	43.5	44.7	45.3	46.1	46.2	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.5	46.6
≥ 8000	38.7	44.4	45.7	46.4	47.1	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.7	47.7
≥ 7000	39.1	45.1	46.4	47.1	48.0	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.5	48.5
≥ 6000	40.3	46.6	47.9	48.6	49.4	49.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.0	50.1
≥ 5000	41.9	48.6	50.1	50.8	51.6	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.3
≥ 4500	42.1	48.9	50.4	51.1	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.6
≥ 4000	43.0	50.3	51.9	52.6	53.5	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.1	54.2
≥ 3500	43.9	51.3	52.9	53.6	54.5	54.6	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.2
≥ 3000	46.1	53.9	55.5	56.2	57.1	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7	57.8
≥ 2500	49.2	57.5	59.2	59.9	60.8	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.5	61.5
≥ 2000	52.5	62.6	64.6	65.3	66.2	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.9
≥ 1800	54.0	64.4	66.4	67.1	68.1	68.2	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.8	68.8
≥ 1500	57.1	68.5	70.9	71.6	72.7	72.9	73.1	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.7	73.7
≥ 1200	60.8	74.3	77.0	78.1	79.4	79.5	79.7	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.4	80.4
≥ 1000	62.9	78.4	81.6	83.0	84.5	84.6	85.0	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.8	85.8
≥ 900	63.5	79.4	82.9	84.5	86.0	86.1	86.5	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.3	87.4
≥ 800	64.6	81.8	85.8	87.5	89.1	89.2	89.6	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.5	90.5
≥ 700	65.0	83.3	87.8	89.7	91.4	91.5	92.0	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.9	93.
≥ 600	65.1	84.2	88.8	91.1	92.9	93.0	93.7	94.0	94.0	94.5	94.5	94.5	94.5	94.5	94.7	94.7
≥ 500	65.3	84.8	89.5	91.8	93.8	94.0	94.9	95.1	95.3	96.0	96.0	96.0	96.0	96.0	96.1	96.2
≥ 400	65.3	85.0	89.9	92.3	94.5	94.7	95.8	96.3	96.5	97.4	97.4	97.4	97.5	97.5	97.7	97.7
≥ 300	65.3	85.1	90.0	92.5	94.7	94.9	96.3	96.8	97.0	98.1	98.1	98.1	98.2	98.2	98.4	98.5
≥ 200	65.3	85.1	90.1	92.5	94.8	95.0	96.4	97.0	97.2	98.4	98.5	98.5	98.7	98.7	98.8	99.0
≥ 100	65.3	85.1	90.1	92.5	94.8	95.0	96.5	97.1	97.3	98.6	98.8	98.8	98.9	99.1	99.4	99.7
≥ 0	65.3	85.1	90.1	92.5	94.8	95.0	96.5	97.1	97.3	98.6	98.8	98.8	98.9	99.1	99.5	100.

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

0900-1100 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.5	30.4	30.5	30.5	30.6	30.6	30.6	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8
≥ 20000	41.5	45.2	45.6	45.6	45.8	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	41.5	45.2	45.6	45.6	45.8	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
≥ 16000	41.5	45.2	45.6	45.6	45.8	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	41.9	45.6	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4
≥ 12000	43.2	47.0	47.4	47.5	47.7	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9
≥ 10000	44.0	48.1	48.5	48.6	48.8	48.8	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0
≥ 9000	44.7	48.9	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8
≥ 8000	46.0	50.5	50.8	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	46.9	51.5	51.9	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
≥ 6000	47.7	52.4	52.7	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
≥ 5000	49.0	54.3	54.9	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 4500	49.6	55.0	55.6	55.7	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4000	50.9	56.4	56.9	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
≥ 3500	52.5	58.2	58.8	58.9	59.2	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 3000	54.6	60.7	61.2	61.4	61.7	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.(
≥ 2500	58.9	65.8	66.4	66.7	67.0	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2000	64.5	72.4	73.0	73.4	73.8	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1800	66.7	75.0	75.8	76.1	76.6	76.6	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1500	70.6	80.4	81.1	81.5	82.0	82.0	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1200	74.2	86.0	86.9	87.4	87.9	87.9	88.1	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	75.6	89.1	90.2	90.9	91.5	91.5	91.7	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	75.8	89.8	91.1	91.8	92.4	92.4	92.6	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 800	76.3	90.5	92.1	92.9	93.6	93.6	94.0	94.0	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	76.4	91.4	93.0	94.2	95.1	95.2	95.6	95.6	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	76.5	91.8	93.6	94.9	95.9	96.1	96.5	96.7	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	76.7	92.2	94.2	95.6	96.7	97.0	97.8	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	76.7	92.5	94.4	95.9	97.1	97.4	98.2	98.7	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	76.7	92.5	94.4	96.0	97.3	97.6	98.5	98.9	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	76.7	92.5	94.4	96.0	97.3	97.6	98.5	99.0	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	76.7	92.5	94.4	96.0	97.3	97.6	98.5	99.0	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	76.7	92.5	94.4	96.0	97.3	97.6	98.5	99.0	99.1	99.5	99.8	99.8	99.9	99.9	99.9	100.(

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FGAY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) APR (MONTH)

1200-1400 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.5	33.2	33.4	33.7	33.7	33.7	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 20000	50.0	51.3	51.5	51.9	51.9	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
> 18000	50.2	51.5	51.6	52.0	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000	50.2	51.5	51.7	52.1	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	51.0	52.3	52.5	52.9	52.9	52.9	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	52.0	53.6	53.7	54.3	54.3	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	53.5	55.1	55.3	55.8	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 9000	54.4	56.0	56.2	56.7	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
> 8000	55.3	56.9	57.1	57.6	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 7000	55.5	57.1	57.3	57.8	57.9	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
> 6000	56.5	58.3	58.5	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 5000	58.2	60.1	60.2	60.8	60.8	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
> 4500	59.4	61.3	61.5	62.0	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
> 4000	61.5	63.8	64.0	64.6	64.7	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
> 3500	64.5	67.1	67.4	68.0	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	69.8	73.0	73.3	73.9	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
> 2500	75.3	79.5	80.0	80.6	80.8	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	80.5	85.6	86.1	86.7	87.0	87.0	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
> 1800	81.6	87.2	87.8	88.5	88.7	88.8	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	83.6	90.0	90.7	91.4	91.7	91.8	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
> 1200	84.4	92.2	93.0	93.9	94.3	94.3	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	84.9	93.5	94.3	95.2	95.7	95.7	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
> 900	85.1	93.9	94.7	95.6	96.1	96.1	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	85.2	94.0	94.9	95.8	96.4	96.4	96.8	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
> 700	85.2	94.2	95.3	96.3	96.9	97.0	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
> 600	85.2	94.4	95.6	96.5	97.2	97.3	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	85.2	94.5	95.7	96.7	97.4	97.5	98.3	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	85.2	94.5	95.7	96.8	97.5	97.7	98.5	98.8	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	85.2	94.5	95.7	96.8	97.6	97.7	98.6	98.9	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	85.2	94.5	95.7	96.8	97.6	97.7	98.6	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	85.2	94.5	95.7	96.8	97.6	97.7	98.6	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.9	99.9
≥ 0	85.2	94.5	95.7	96.8	97.6	97.7	98.6	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.9	100.

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/Kelly BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.5	38.7	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	59.5	61.1	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	59.8	61.4	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	59.9	61.5	61.8	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
≥ 14000	60.4	62.1	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	61.6	63.4	63.7	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000	63.2	64.9	65.2	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	64.4	66.2	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	65.3	67.1	67.5	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	65.6	67.6	68.0	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	66.7	68.8	69.2	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	68.9	71.4	71.9	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	71.0	73.5	74.0	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	73.7	76.7	77.1	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	76.3	79.8	80.2	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	80.3	84.8	85.3	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	83.3	88.3	88.9	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	85.0	90.7	91.5	91.9	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	85.4	91.3	92.2	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	86.0	92.2	93.2	93.7	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	86.6	93.6	94.7	95.2	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	86.9	94.2	95.5	96.0	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	87.1	94.4	95.7	96.2	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	87.1	94.5	96.0	96.5	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	87.1	94.5	96.3	96.9	97.2	97.3	97.7	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	87.1	94.7	96.5	97.2	97.5	97.5	98.1	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	87.1	94.9	96.8	97.5	97.9	98.0	98.5	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	87.1	95.0	96.9	97.7	98.1	98.1	98.8	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	87.1	95.0	96.9	97.7	98.1	98.1	98.9	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	87.1	95.0	96.9	97.7	98.1	98.1	98.9	99.1	99.2	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	87.1	95.0	96.9	97.7	98.1	98.1	98.9	99.1	99.2	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	87.1	95.0	96.9	97.7	98.1	98.1	98.9	99.1	99.2	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1715

ALLIED/EGRT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 43-45,49-64 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	> 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	> 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	> ¼	> 0
NO CEILING	43.0	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
> 20000	66.0	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	66.4	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	66.7	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	67.6	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	69.2	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	71.3	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	72.1	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	73.1	76.5	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	73.9	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	75.0	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	77.7	81.8	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
≥ 4500	78.5	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	79.6	84.7	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5
≥ 3500	80.4	85.6	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
≥ 3000	82.4	88.8	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	83.5	90.4	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 2000	84.3	91.7	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	84.4	92.0	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4
≥ 1500	84.7	92.4	93.4	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	85.1	93.3	94.4	95.0	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	85.4	94.1	95.4	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.7	96.7
900	85.5	94.3	95.6	96.3	96.5	96.5	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0
≥ 800	85.6	94.6	95.9	96.7	97.0	97.0	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5
≥ 700	85.7	94.7	96.1	97.0	97.5	97.5	97.7	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.3	98.3
≥ 600	85.8	94.9	96.3	97.2	97.9	97.9	98.1	98.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	85.8	95.4	96.8	97.8	98.7	98.7	98.8	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	85.8	95.4	96.9	97.9	98.7	98.8	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	85.8	95.4	96.9	97.9	98.7	98.8	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	85.8	95.4	96.9	97.9	98.7	98.8	98.9	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	85.8	95.4	96.9	97.9	98.7	98.8	99.0	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9
> 0	85.8	95.4	96.9	97.9	98.7	98.8	99.0	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.

TOTAL NUMBER OF OBSERVATIONS 1710

1210W5 FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALL'ED'EGAY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | APR MONTH

2100-2300 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.5	49.6	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	66.0	68.8	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	66.1	68.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000	66.1	68.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000	67.1	70.2	70.2	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 12000	67.8	70.9	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	69.8	73.2	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	70.3	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	71.5	75.0	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	72.1	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	73.2	77.1	77.5	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 5000	74.6	79.0	79.4	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	75.2	79.8	80.2	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	76.5	81.5	81.9	82.2	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	77.1	32.2	82.6	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	78.9	84.3	84.7	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	81.1	87.1	87.7	88.0	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	83.0	89.6	90.2	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	83.8	90.7	91.2	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	84.6	92.2	92.7	93.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	85.5	93.9	94.5	95.0	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	85.8	94.8	95.4	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	85.9	95.0	95.8	96.3	96.5	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	86.1	95.4	96.3	96.7	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	86.5	96.0	96.8	97.3	97.8	97.9	98.1	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	86.5	96.2	97.1	97.6	98.2	98.3	98.5	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	86.5	96.4	97.3	97.9	98.7	98.8	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	86.8	96.8	97.7	98.3	99.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	86.8	96.8	97.7	98.3	99.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	86.8	96.8	97.7	98.4	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.8	96.8	97.7	98.4	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	86.8	96.8	97.7	98.4	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	> 0
NO CEILING	47.3	48.7	48.7	48.8	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.3
≥ 20000	64.3	66.2	66.4	66.5	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.1
≥ 18000	64.3	66.2	66.5	66.6	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 16000	64.4	66.3	66.5	66.6	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.2
≥ 14000	65.5	67.5	67.8	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.5
≥ 12000	66.6	68.7	69.0	69.1	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 10000	68.0	70.5	70.8	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.5
≥ 9000	68.7	71.5	71.9	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 8000	69.0	72.0	72.3	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.0
≥ 7000	70.0	73.1	73.5	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 6000	70.6	73.7	74.1	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 5000	71.5	75.3	75.6	75.7	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.3
≥ 4500	71.7	75.6	75.9	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6
≥ 4000	72.5	76.7	77.1	77.2	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 3500	73.1	77.7	78.2	78.4	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 3000	74.2	79.0	79.6	79.8	80.1	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 2500	76.1	81.3	82.0	82.2	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.9
≥ 2000	78.9	84.7	85.4	85.6	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.4
≥ 1800	80.4	86.6	87.3	87.6	87.9	87.9	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 1500	83.1	89.8	90.5	90.8	91.2	91.2	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 1200	84.9	92.6	93.4	93.8	94.2	94.2	94.3	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.7
≥ 1000	86.5	94.7	95.7	96.1	96.6	96.6	96.7	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.1
≥ 900	86.6	94.9	95.9	96.4	96.9	96.9	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.4
≥ 800	86.8	95.4	96.5	97.0	97.5	97.5	97.6	97.6	97.6	97.8	97.9	97.9	97.9	97.9	98.0	98.1
≥ 700	86.8	95.5	96.8	97.2	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 600	87.0	95.8	97.0	97.5	98.1	98.1	98.2	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6
≥ 500	87.0	96.1	97.5	98.0	98.6	98.6	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.2
≥ 400	87.1	96.2	97.6	98.1	98.7	98.7	98.9	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.6
≥ 300	87.1	96.3	97.7	98.2	98.8	98.8	99.0	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 200	87.1	96.3	97.8	98.3	98.9	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 100	87.1	96.3	97.8	98.3	98.9	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.9
0	87.1	96.3	97.8	98.3	98.9	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1817

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.3	37.1	37.5	37.8	37.8	37.8	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	47.4	51.5	52.0	52.4	52.5	52.5	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2
≥ 18000	47.4	51.5	52.0	52.4	52.5	52.5	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2
≥ 16000	47.4	51.5	52.0	52.4	52.5	52.5	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2
≥ 14000	48.1	52.4	53.0	53.5	53.6	53.6	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
≥ 12000	49.2	53.7	54.2	54.8	54.9	54.9	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	50.3	55.1	55.7	56.3	56.4	56.4	56.9	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2
≥ 9000	51.1	56.2	56.8	57.4	57.5	57.5	58.0	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3
≥ 8000	51.6	57.1	57.9	58.5	58.7	58.7	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5
≥ 7000	52.1	57.8	58.6	59.2	59.4	59.4	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	52.6	58.6	59.4	60.0	60.2	60.2	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.0	61.0
≥ 5000	53.7	60.1	60.8	61.5	61.7	61.7	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.5
≥ 4500	54.0	60.6	61.4	62.0	62.2	62.2	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 4000	55.0	61.7	62.5	63.1	63.3	63.3	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
≥ 3500	55.8	62.9	63.7	64.5	64.6	64.6	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.5	65.5
≥ 3000	57.5	64.8	65.6	66.4	66.6	66.6	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5
≥ 2500	59.9	67.5	68.5	69.3	69.5	69.5	70.0	70.1	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4
≥ 2000	64.4	73.0	74.1	75.2	75.4	75.4	75.9	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.4	76.4
≥ 1800	66.5	75.3	76.5	77.5	77.7	77.7	78.2	78.4	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	71.7	81.2	82.5	83.6	83.8	83.8	84.3	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	76.0	86.8	88.1	89.2	89.5	89.5	90.0	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5
≥ 1000	77.5	88.9	90.4	91.6	92.1	92.1	92.6	92.7	92.7	92.9	93.1	93.1	93.1	93.1	93.2	93.2
≥ 900	77.9	89.5	91.2	92.4	92.8	92.9	93.4	93.6	93.6	93.7	93.9	93.9	93.9	93.9	94.0	94.0
≥ 800	78.4	90.4	92.2	93.6	94.1	94.2	94.7	94.8	94.8	95.0	95.2	95.2	95.2	95.2	95.3	95.3
≥ 700	78.6	90.5	92.5	93.8	94.6	94.6	95.1	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.8	95.8
≥ 600	78.8	91.1	93.2	94.7	95.4	95.5	96.0	96.2	96.2	96.4	96.6	96.6	96.7	96.7	96.8	96.8
≥ 500	78.9	91.3	93.6	95.1	96.0	96.0	96.6	97.0	97.0	97.2	97.4	97.4	97.5	97.5	97.6	97.6
≥ 400	79.0	91.6	94.1	95.6	96.5	96.5	97.1	97.6	97.6	97.8	98.0	98.0	98.2	98.2	98.3	98.3
≥ 300	79.1	91.7	94.2	95.8	96.7	96.8	97.5	98.0	98.0	98.2	98.5	98.5	98.6	98.6	98.7	98.7
≥ 200	79.1	91.7	94.2	95.9	96.8	96.9	97.6	98.1	98.1	98.5	98.7	98.7	98.9	99.0	99.1	99.1
≥ 100	79.1	91.7	94.2	95.9	96.9	96.9	97.7	98.2	98.2	98.6	98.8	98.8	99.1	99.2	99.4	99.4
0	79.1	91.7	94.2	95.9	96.9	96.9	97.7	98.2	98.2	98.6	98.8	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1818

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.6	27.8	28.5	28.8	29.1	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 20000	33.7	42.0	43.2	43.7	44.1	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000	33.8	42.1	43.3	43.7	44.1	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5
≥ 16000	33.8	42.1	43.3	43.7	44.1	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5
≥ 14000	34.1	42.7	43.9	44.3	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1
≥ 12000	34.9	44.0	45.3	45.7	46.1	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
≥ 1 000	36.7	46.8	48.2	48.8	49.2	49.3	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6
≥ 9000	37.2	47.6	49.1	49.7	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5
≥ 8000	37.5	48.2	49.7	50.3	50.7	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	38.6	49.3	50.8	51.4	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
6000	39.5	50.3	51.9	52.5	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
5000	40.5	51.6	53.1	53.7	54.1	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
4500	40.9	52.3	53.8	54.4	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2
4000	41.6	53.4	55.0	55.6	55.9	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4
≥ 3500	42.1	54.1	55.6	56.2	56.6	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1
≥ 3000	43.5	56.1	57.6	58.3	58.7	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.3
≥ 2500	45.9	59.4	61.2	61.9	62.3	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.0
≥ 2000	50.1	64.7	66.8	67.7	68.1	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.9	68.9
≥ 1800	51.8	66.7	68.8	69.7	70.1	70.2	70.6	70.7	70.7	70.7	70.7	70.7	70.9	70.9	71.0	71.0
≥ 1500	55.8	71.7	73.9	74.9	75.4	75.5	75.9	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.3
≥ 200	59.7	78.3	81.0	82.1	82.7	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.6	83.6
≥ 1000	63.0	82.9	86.1	87.6	88.4	88.5	88.9	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.4	89.4
≥ 900	63.8	84.6	87.8	89.6	90.5	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.6	91.6
≥ 800	64.4	86.3	89.9	92.0	93.0	93.1	93.8	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.2	94.3
≥ 700	64.7	87.0	90.8	92.8	94.1	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.5	95.6
600	64.7	87.3	91.3	93.5	94.9	95.2	96.0	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.8	96.8
≥ 500	64.9	87.7	91.8	94.1	95.8	96.0	97.0	97.3	97.4	97.4	97.5	97.5	97.7	97.7	97.9	97.9
≥ 400	64.9	87.8	91.9	94.3	96.0	96.2	97.3	97.6	97.7	98.0	98.2	98.2	98.4	98.4	98.5	98.6
≥ 300	64.9	87.9	92.0	94.4	96.2	96.4	97.6	98.0	98.1	98.4	98.6	98.6	98.8	98.8	99.0	99.0
≥ 200	64.9	87.9	92.1	94.5	96.3	96.5	97.7	98.1	98.1	98.7	99.0	99.0	99.4	99.4	99.5	99.6
≥ 100	64.9	87.9	92.1	94.5	96.3	96.5	97.7	98.1	98.1	98.7	99.0	99.0	99.4	99.4	99.5	99.7
≥ 0	64.9	87.9	92.1	94.5	96.3	96.5	97.7	98.1	98.1	98.7	99.0	99.0	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1818

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FGRY BUSINESS SYSTEMS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.5	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 20000	45.7	48.1	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	45.7	48.1	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	45.7	48.1	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 14000	47.1	49.8	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	48.3	51.2	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000	50.3	54.1	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 9000	50.7	54.5	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000	51.3	55.1	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 7000	51.9	55.9	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 6000	52.9	56.9	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	53.7	58.1	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 4500	54.1	58.7	59.0	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4000	55.1	60.1	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 3500	56.3	61.4	61.7	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
≥ 3000	60.9	66.6	66.8	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 2500	66.1	72.6	72.9	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2000	72.3	79.9	80.3	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1800	73.5	81.5	81.9	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	77.2	86.4	87.0	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	79.8	90.4	91.1	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	81.3	92.8	93.8	94.7	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	81.4	93.5	94.7	95.6	96.3	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	81.6	94.2	95.4	96.4	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	81.7	94.4	95.8	97.0	97.7	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	81.7	94.6	96.0	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	81.7	94.9	96.4	97.6	98.6	98.6	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	81.7	94.9	96.4	97.8	98.8	98.9	99.3	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	81.7	94.9	96.4	97.8	98.8	98.9	99.3	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	81.7	94.9	96.4	97.8	98.9	99.0	99.3	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	81.7	94.9	96.4	97.8	98.9	99.0	99.3	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	81.7	94.9	96.4	97.8	98.9	99.0	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1818

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED FIBRY BUSINESS SYSTEMS

13023

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

1200-1400 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.8	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 20000	54.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000	54.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	54.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	56.2	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	58.1	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	59.6	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	60.0	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	60.6	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	61.1	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 6000	61.7	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 5000	63.5	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	65.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4000	68.8	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	72.7	75.4	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	78.6	81.8	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	83.3	87.3	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 2000	86.4	91.4	91.9	92.2	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	87.4	92.5	93.1	93.4	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	88.5	94.0	94.7	95.0	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1200	89.3	95.4	96.1	96.4	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1000	89.5	95.8	96.6	96.9	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	89.6	96.0	96.9	97.2	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 800	89.7	96.3	97.1	97.5	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	89.9	96.8	97.6	97.9	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	89.9	96.8	97.6	98.0	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	89.9	96.9	97.8	98.2	99.0	99.0	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	89.9	96.9	97.8	98.4	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	90.0	97.0	97.9	98.4	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	90.0	97.0	97.9	98.5	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	90.0	97.0	97.9	98.5	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	90.0	97.0	97.9	98.5	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1821

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | MAY MONTH

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.1	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	62.9	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	63.1	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000	63.2	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	64.9	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 12000	67.3	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	69.6	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000	70.1	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	71.2	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	71.6	73.5	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	72.1	74.0	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	74.8	77.0	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4500	76.4	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
≥ 4000	80.7	83.5	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 3500	83.4	86.5	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 3000	86.2	89.5	89.7	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 2500	88.5	92.1	92.4	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	89.5	93.3	93.6	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 1800	90.2	94.2	94.5	94.7	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	90.7	94.9	95.2	95.5	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1200	91.2	95.9	96.4	96.7	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1000	91.4	96.2	96.8	97.1	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	91.4	96.3	96.9	97.4	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 800	91.7	96.7	97.3	97.8	98.4	98.5	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	91.8	96.8	97.5	98.0	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	91.8	96.9	97.6	98.2	98.8	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	91.8	97.0	97.7	98.4	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	91.8	97.1	97.9	98.6	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.8	97.1	97.9	98.6	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	91.8	97.1	97.9	98.6	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	91.8	97.1	97.9	98.6	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	91.8	97.1	97.9	98.6	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1821

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS

150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (E S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.1	47.9	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	73.8	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	73.8	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	73.9	75.7	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	75.1	76.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	76.8	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	78.1	80.5	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	78.4	80.7	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	79.2	81.7	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	80.6	83.1	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	80.9	83.7	84.0	84.2	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	82.3	85.3	85.7	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	83.2	86.4	86.8	87.0	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	85.3	89.0	89.4	89.6	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	86.2	90.2	90.6	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	88.1	92.3	92.8	93.0	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	88.9	93.5	93.9	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	89.8	94.7	95.2	95.4	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	90.0	95.0	95.5	95.8	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	90.2	95.4	96.0	96.3	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	90.3	95.7	96.3	96.7	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	90.7	96.3	97.1	97.5	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	90.7	96.5	97.3	97.7	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	90.8	96.7	97.5	97.9	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	90.8	96.7	97.6	98.1	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	90.8	96.8	97.7	98.2	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	90.8	96.9	97.9	98.4	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	90.8	97.1	98.1	98.6	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	90.8	97.1	98.1	98.6	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	90.8	97.1	98.1	98.6	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	90.8	97.1	98.1	98.6	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	90.8	97.1	98.1	98.6	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.

TOTAL NUMBER OF OBSERVATIONS 1821

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGNT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.7	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	73.7	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	73.7	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	73.7	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 14000	74.6	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	76.1	78.5	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000	77.5	80.1	80.1	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	78.0	80.8	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
≥ 8000	79.1	82.2	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7
≥ 7000	80.0	83.4	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	80.6	84.3	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	82.0	86.0	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 4500	82.5	86.5	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 4000	83.8	88.3	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	84.8	89.7	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	85.9	90.9	91.3	91.6	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	86.8	92.4	92.8	93.1	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6
≥ 2000	88.2	94.5	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1800	88.4	94.7	95.1	95.4	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	88.7	95.2	95.7	96.0	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	89.1	96.0	96.4	96.9	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 1000	89.6	96.6	97.0	97.5	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	89.7	96.8	97.3	97.7	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	89.8	97.0	97.4	98.0	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	89.9	97.3	97.7	98.2	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	90.0	97.5	97.9	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 500	90.0	97.5	97.9	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 400	90.0	97.5	97.9	98.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	90.0	97.5	98.0	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	90.0	97.5	98.0	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 100	90.0	97.5	98.0	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 0	90.0	97.5	98.0	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1820

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ESSY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	> ¼	≥ 0
NO CEILING	58.1	59.4	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 20000	77.9	79.4	79.6	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
> 18000	77.9	79.4	79.6	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	78.0	79.7	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000	79.4	81.3	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	81.5	83.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	83.2	85.3	85.5	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	83.7	85.8	86.0	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 8000	84.2	86.3	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	84.9	87.1	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	85.4	87.7	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	86.3	88.7	88.9	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	86.4	88.9	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	87.0	89.6	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	87.1	89.8	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	87.5	90.2	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	88.7	91.4	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	90.0	92.9	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	90.4	93.4	93.8	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	92.0	95.1	95.6	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	92.9	96.1	96.6	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	93.3	96.6	97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	93.7	97.0	97.5	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	94.0	97.3	97.8	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	94.2	97.6	98.1	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	94.2	97.6	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	94.4	97.9	98.5	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	94.4	98.0	98.6	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	94.4	98.1	98.7	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	94.4	98.1	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	94.4	98.2	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.4	98.2	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1799

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.0	49.8	49.9	50.2	50.2	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7
≥ 20000	62.4	64.8	65.1	65.4	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
≥ 18000	62.4	64.8	65.1	65.4	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
≥ 16000	62.5	64.9	65.1	65.5	65.5	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥ 14000	63.4	65.9	66.1	66.5	66.5	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.1
≥ 12000	66.0	68.7	68.9	69.3	69.3	69.3	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 10000	67.0	70.1	70.3	70.8	70.8	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3
≥ 9000	67.7	70.8	71.1	71.5	71.5	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.1
≥ 8000	68.5	71.7	71.9	72.3	72.3	72.3	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 7000	69.2	72.3	72.6	73.0	73.0	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.6
≥ 6000	69.6	72.8	73.0	73.4	73.4	73.4	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 5000	70.2	73.8	74.0	74.4	74.4	74.4	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 4500	70.6	74.2	74.4	74.8	74.8	74.8	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 4000	71.0	74.6	74.8	75.3	75.3	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 3500	71.3	75.0	75.3	75.7	75.7	75.7	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 3000	72.7	76.4	76.7	77.2	77.2	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 2500	74.2	78.2	78.4	78.9	79.0	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.6
≥ 2000	76.6	80.9	81.3	81.8	81.9	81.9	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 1800	77.9	82.3	82.8	83.3	83.3	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
≥ 1500	81.4	86.3	86.8	87.5	87.6	87.6	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 1200	84.7	90.2	90.8	91.5	91.6	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 1000	86.2	91.9	92.6	93.4	93.6	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 900	87.2	93.3	93.9	94.8	94.9	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 800	88.1	94.3	94.9	95.8	96.1	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 700	88.4	94.7	95.3	96.2	96.4	96.4	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 600	89.0	95.3	96.1	97.1	97.3	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 500	89.2	95.8	96.6	97.7	97.9	97.9	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 400	89.2	95.9	96.8	98.0	98.3	98.3	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 300	89.2	96.1	96.9	98.2	98.6	98.6	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	89.3	96.1	97.0	98.3	98.6	98.6	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 100	89.3	96.1	97.0	98.3	98.6	98.6	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 0	89.3	96.1	97.0	98.3	98.6	98.6	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1800

1210WS FORM JUL. 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/SCRY BUSINESS SYSTEMS
150C73

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45 YEARS | JUN MONTH

0600-0800 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.6	38.3	38.7	39.2	39.3	39.3	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 20000	46.4	52.8	53.4	54.2	54.2	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	46.4	52.8	53.4	54.2	54.2	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 16000	46.7	53.1	53.7	54.4	54.5	54.6	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	47.4	54.0	54.7	55.4	55.5	55.5	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	49.8	56.5	57.2	57.9	58.0	58.0	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000	51.6	58.3	59.0	59.7	59.8	59.8	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	51.9	58.7	59.4	60.1	60.2	60.2	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	52.9	59.8	60.5	61.2	61.2	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	53.5	60.3	61.1	61.8	61.8	61.9	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
6000	53.8	60.7	61.4	62.1	62.2	62.2	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 5000	54.8	61.8	62.5	63.3	63.4	63.5	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 4500	55.1	62.2	63.0	63.8	63.9	64.0	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4000	55.6	62.7	63.4	64.2	64.3	64.4	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
> 3500	56.2	63.4	64.1	65.0	65.1	65.1	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3000	57.0	64.2	64.9	65.7	65.9	65.9	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 2500	58.8	66.4	67.1	67.9	68.0	68.1	68.5	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
≥ 2000	61.1	69.0	69.7	70.6	70.8	70.9	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
> 1800	63.0	70.9	71.7	72.7	72.9	72.9	73.4	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7
≥ 1500	67.9	76.8	77.9	78.9	79.1	79.2	79.6	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 1200	72.8	82.4	83.7	84.9	85.3	85.4	85.9	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	77.7	88.5	89.8	91.0	91.5	91.6	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	78.8	89.9	91.3	92.5	93.1	93.2	93.8	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 800	80.0	91.7	93.0	94.4	95.0	95.1	95.7	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	80.4	92.2	93.8	95.2	95.9	96.0	96.7	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	80.5	92.7	94.4	95.8	96.8	96.8	97.5	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	80.9	93.3	95.2	96.7	97.7	97.7	98.4	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	80.9	93.5	95.4	97.0	98.1	98.2	98.9	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
> 300	80.9	93.7	95.6	97.2	98.3	98.4	99.1	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	80.9	93.7	95.7	97.3	98.4	98.5	99.2	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	80.9	93.7	95.7	97.3	98.4	98.5	99.2	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	80.9	93.7	95.7	97.3	98.4	98.5	99.2	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1798

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS

150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.8	40.0	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 20000	52.6	54.2	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	52.6	54.2	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	52.9	54.5	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	54.1	55.8	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 12000	56.4	58.3	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	58.3	60.4	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	58.5	60.5	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	59.4	61.4	61.8	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 7000	59.8	61.8	62.1	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000	60.0	62.2	62.5	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 5000	60.8	63.1	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 4500	60.9	63.3	63.6	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4000	62.5	64.8	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 3500	64.8	67.2	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3000	69.0	71.6	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2500	75.7	78.7	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	81.3	85.0	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	84.2	88.0	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	87.8	92.1	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	90.3	95.3	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	91.3	96.4	97.4	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	91.4	96.7	97.7	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	91.6	97.1	98.2	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	91.7	97.3	98.4	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	91.8	97.4	98.6	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	91.8	97.5	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	91.8	97.5	98.9	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	91.8	97.5	98.9	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	91.8	97.5	98.9	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	91.8	97.5	98.9	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	91.8	97.5	98.9	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1799

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEGHENY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) JUN (MONTH)

1200-1400 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.7	42.2	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	58.5	59.2	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	58.6	59.3	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 16000	58.7	59.4	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	59.9	60.6	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	62.7	63.7	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	63.8	64.9	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	64.1	65.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	64.4	65.5	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	64.8	65.8	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 6000	65.4	66.5	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 5000	67.4	68.7	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4500	69.9	71.2	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	77.3	78.6	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	83.2	85.0	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	88.6	90.6	90.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	91.8	94.2	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	93.5	96.2	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	93.9	96.7	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	94.4	97.4	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	94.7	97.8	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	94.8	97.9	98.4	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	94.9	98.0	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	95.1	98.3	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 700	95.1	98.4	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	95.3	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.3	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.3	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.3	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.3	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	95.3	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	95.3	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1799

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CENT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.0	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000	73.1	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	73.1	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	73.4	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 14000	74.4	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	77.0	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000	78.1	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	78.5	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	79.2	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	79.6	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	80.1	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	82.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	84.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	88.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	91.1	93.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	92.8	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	93.9	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	94.5	97.4	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	94.6	97.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	94.8	97.8	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	94.9	97.9	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	95.1	98.3	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	95.1	98.3	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	95.3	98.7	98.7	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 700	95.6	99.1	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.6	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	95.6	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.6	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.6	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.6	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	95.6	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	95.6	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1800

121OWS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.0	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	81.8	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 18000	81.8	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	81.9	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 14000	83.0	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	86.1	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	87.5	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 9000	87.7	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	88.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000	89.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	89.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	90.1	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	90.4	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	91.8	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	92.5	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	93.2	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	93.8	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	94.1	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	94.2	96.9	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	94.4	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	94.7	97.7	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	94.8	97.9	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	95.0	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	95.2	98.3	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	95.2	98.5	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	95.2	98.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.2	98.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.2	98.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.2	98.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.2	98.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.2	98.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.2	98.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1798

1210WS FORM JUL 64 0-14-5 (D ↑ 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150123

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42--45,49-64 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.2	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	84.1	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	84.1	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 16000	84.3	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000	85.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000	87.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 10000	88.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	89.0	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	89.5	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	89.9	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	90.5	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	91.4	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	91.8	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	92.7	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	92.9	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	93.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	93.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	94.2	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	94.4	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	94.5	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	94.5	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	94.7	98.3	98.6	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	94.9	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	95.0	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	95.0	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	95.1	98.9	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	95.1	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	95.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	95.1	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.1	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	95.1	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	95.1	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1797

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ERY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	88.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 12000	91.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 10000	92.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 9000	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 8000	94.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	94.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000	95.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	96.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	96.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	97.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1859

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1⅞	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.5	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6
≥ 20000	77.9	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1
≥ 18000	78.0	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 16000	78.2	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	79.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	82.0	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	84.0	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 9000	84.3	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	85.4	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
≥ 7000	85.7	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5
≥ 6000	86.0	88.4	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	86.4	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4
≥ 4500	86.6	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4000	86.8	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	86.9	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	87.4	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	87.7	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0
≥ 2000	88.9	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 1800	89.4	92.3	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 1500	91.1	94.1	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1
≥ 1200	92.2	95.6	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 1000	93.1	96.8	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 900	93.3	97.1	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	93.6	97.6	98.3	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
≥ 700	93.9	98.0	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 600	94.0	98.2	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	94.2	98.4	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 400	94.2	98.5	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	94.2	98.5	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	94.2	98.5	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	94.2	98.5	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	94.2	98.5	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1859

ALLIED/FOXY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

0600-0800 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.5	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	64.0	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	64.0	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000	64.4	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	65.7	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 12000	69.4	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	71.3	77.4	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	71.7	77.8	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	72.8	79.2	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	73.3	79.7	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 6000	73.4	79.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	73.8	80.5	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	74.2	80.9	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	74.4	81.2	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	74.7	81.6	82.3	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	75.2	82.0	82.8	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	75.4	82.4	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	76.8	84.0	84.8	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	77.5	84.7	85.5	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	79.9	87.4	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	82.4	90.2	91.2	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	84.7	92.8	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	85.3	93.7	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	86.3	94.8	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	87.1	95.7	96.9	97.4	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	87.6	96.4	97.7	98.2	98.5	98.5	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	87.8	96.9	98.2	98.7	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	87.9	97.1	98.4	98.9	99.3	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	87.9	97.1	98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	87.9	97.1	98.5	99.0	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	87.9	97.1	98.5	99.0	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
0	87.9	97.1	98.5	99.0	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRT BUSINESS SYSTEMS
150623

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AF2 (STATION NAME) 42-45,49-64 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	66.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	67.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	67.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	69.1	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	72.6	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	74.9	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	75.0	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	76.0	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	76.1	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 6000	76.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	76.9	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500	77.4	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	78.4	80.7	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	80.1	82.4	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	82.9	85.3	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	86.4	88.8	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	88.9	91.5	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	90.5	93.2	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	92.6	95.4	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	94.4	97.4	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	94.6	97.8	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	94.8	98.1	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	94.9	98.3	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	94.9	98.3	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	94.9	98.3	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.9	98.3	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	94.9	98.3	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	94.9	98.3	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	94.9	98.3	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	94.9	98.3	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	94.9	98.3	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	68.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	68.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	73.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	74.0	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	74.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	74.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	75.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	79.1	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	81.3	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	87.0	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	90.1	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	93.2	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	94.7	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	95.9	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	96.0	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	96.3	98.4	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	96.6	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	96.7	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	96.7	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	96.7	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	96.7	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	96.7	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	96.8	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.8	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.8	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.8	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.8	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	96.8	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED LOOKY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

1500-1700 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	83.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	90.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4500	91.3	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	94.3	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3500	95.1	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	96.0	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	96.4	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	96.9	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	97.2	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	97.4	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	97.4	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	97.5	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	97.5	99.2	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	82.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	82.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	85.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 12000	88.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 10000	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	90.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 8000	91.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	92.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	93.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	94.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	94.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	95.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3500	95.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	96.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 2500	96.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 2000	96.6	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	96.6	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1500	96.8	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1200	96.8	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1000	96.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	96.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	96.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	96.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	96.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	96.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	96.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	96.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	96.9	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	96.9	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	96.9	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (Dat 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/TGRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 16000	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	89.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 12000	92.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	93.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 9000	93.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 8000	94.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 7000	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	95.0	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	97.4	96.4
≥ 5000	95.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	95.5	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	96.0	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	96.3	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	97.0	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	97.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	97.6	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	97.6	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	97.7	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.8	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	97.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1857

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGNY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) SEP (MONTH)

2100-2300 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 14000	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 9000	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	90.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	90.6	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	90.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	94.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	95.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	95.7	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	95.8	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	96.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	96.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	96.5	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	96.6	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	96.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	96.7	99.1	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	96.7	99.1	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	96.7	99.1	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	96.7	99.1	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.7	99.1	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	96.7	99.1	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1800

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.2	58.1	58.6	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 20000	74.1	76.3	76.7	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 18000	74.1	76.4	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 16000	74.3	76.6	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 14000	75.1	77.4	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.3
≥ 12000	76.1	78.6	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 10000	77.7	80.3	80.7	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2
≥ 9000	78.1	80.8	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6
≥ 8000	78.7	81.4	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 7000	79.1	81.9	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7
≥ 6000	80.0	82.7	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 5000	81.2	84.2	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 4500	81.5	84.6	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 4000	82.4	85.7	86.3	86.4	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 3500	83.0	86.5	87.1	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 3000	83.3	87.2	87.9	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 2500	83.9	87.9	88.7	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2000	85.8	90.2	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 1800	86.4	90.9	91.7	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1500	87.6	92.2	93.0	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 1200	89.3	94.2	95.0	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1000	90.3	95.8	96.8	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 900	90.4	96.1	97.1	97.3	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 800	90.7	96.6	97.7	97.9	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 700	90.7	96.9	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 600	90.7	97.1	98.3	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3
≥ 500	90.7	97.3	98.5	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 400	90.9	97.4	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	90.9	97.4	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	90.9	97.4	98.7	99.0	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 100	90.9	97.4	98.7	99.0	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8
≥ 0	90.9	97.4	98.7	99.0	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1858

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | OCT MONTH

0300-0500 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.5	54.3	55.1	55.3	55.5	55.7	55.7	55.7	55.7	55.9	55.9	55.9	56.1	56.1	56.3	56.3
≥ 20000	65.4	69.2	70.2	70.6	70.9	71.0	71.1	71.1	71.1	71.3	71.3	71.3	71.5	71.5	71.7	71.7
≥ 18000	65.4	69.2	70.2	70.6	70.9	71.0	71.1	71.1	71.1	71.3	71.3	71.3	71.5	71.5	71.7	71.7
≥ 16000	65.4	69.3	70.2	70.6	70.9	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.6	71.6	71.7	71.8
≥ 14000	66.9	70.8	71.7	72.1	72.4	72.5	72.6	72.6	72.6	72.8	72.8	72.8	73.0	73.0	73.2	73.2
≥ 12000	67.8	71.7	72.6	73.1	73.3	73.5	73.5	73.5	73.5	73.8	73.8	73.8	74.0	74.0	74.1	74.2
≥ 10000	69.5	73.5	74.5	74.9	75.2	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.8	75.8	76.0	76.0
≥ 9000	70.2	74.3	75.2	75.6	75.9	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.6	76.6	76.7	76.8
≥ 8000	71.0	75.2	76.1	76.6	76.8	77.0	77.0	77.0	77.0	77.3	77.3	77.3	77.5	77.5	77.6	77.7
≥ 7000	71.5	75.6	76.6	77.0	77.3	77.5	77.5	77.5	77.5	77.7	77.7	77.7	78.0	78.0	78.1	78.2
≥ 6000	71.7	75.9	76.9	77.3	77.6	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.2	78.2	78.4	78.4
≥ 5000	72.5	76.8	77.8	78.3	78.5	78.7	78.8	78.8	78.8	79.0	79.0	79.0	79.2	79.2	79.4	79.4
≥ 4500	72.6	76.8	77.9	78.3	78.6	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.2	79.2	79.4	79.5
≥ 4000	73.3	77.8	78.9	79.4	79.7	79.8	79.9	79.9	79.9	80.2	80.2	80.2	80.4	80.4	80.5	80.6
≥ 3500	74.0	78.8	79.9	80.3	80.6	80.8	81.0	81.0	81.0	81.2	81.2	81.2	81.4	81.4	81.6	81.6
≥ 3000	74.6	79.5	80.6	81.1	81.4	81.6	81.7	81.7	81.7	81.9	81.9	81.9	82.2	82.2	82.4	82.4
≥ 2500	75.5	80.6	81.7	82.2	82.5	82.7	82.8	82.8	82.8	83.1	83.1	83.1	83.3	83.3	83.5	83.5
≥ 2000	77.5	82.8	83.9	84.5	84.8	84.9	85.1	85.1	85.1	85.3	85.3	85.3	85.5	85.5	85.8	85.8
≥ 1800	78.2	83.4	84.6	85.1	85.4	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.2	86.2	86.4	86.5
≥ 1500	79.1	84.7	85.9	86.4	86.7	86.9	87.1	87.1	87.1	87.3	87.3	87.3	87.5	87.5	87.7	87.8
≥ 1200	81.7	87.8	89.0	89.6	89.9	90.1	90.3	90.3	90.3	90.5	90.5	90.5	90.8	90.8	91.0	91.1
≥ 1000	83.0	89.9	91.1	91.7	92.1	92.3	92.5	92.5	92.5	92.7	92.7	92.7	93.0	93.0	93.2	93.3
≥ 900	83.8	91.1	92.3	92.9	93.3	93.4	93.7	93.7	93.7	93.9	93.9	93.9	94.2	94.2	94.4	94.5
≥ 800	84.3	92.2	93.4	94.0	94.5	94.7	94.9	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.6	95.7
≥ 700	84.6	92.7	94.2	94.8	95.3	95.4	95.7	95.7	95.7	95.9	95.9	95.9	96.2	96.2	96.4	96.5
≥ 600	84.9	93.5	95.0	95.6	96.1	96.2	96.5	96.5	96.5	96.7	96.8	96.8	97.0	97.0	97.3	97.3
≥ 500	85.2	94.0	95.6	96.2	96.8	97.0	97.3	97.3	97.3	97.5	97.5	97.5	97.8	97.8	98.0	98.1
≥ 400	85.4	94.1	95.9	96.6	97.3	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.3	98.3	98.5	98.5
≥ 300	85.4	94.2	96.0	96.8	97.4	97.6	98.0	98.0	98.0	98.3	98.4	98.4	98.7	98.7	98.9	99.0
≥ 200	85.4	94.2	96.1	96.8	97.5	97.7	98.1	98.2	98.2	98.6	98.7	98.7	99.0	99.0	99.4	99.4
≥ 100	85.4	94.2	96.1	96.8	97.6	97.7	98.1	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.6	99.7
≥ 0	85.4	94.2	96.1	96.8	97.6	97.7	98.1	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CORY BUSINESS SYSTEMS
150528

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

0600-0800 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.4	43.9	45.2	46.0	46.7	46.8	47.1	47.1	47.1	47.2	47.3	47.3	47.3	47.3	47.4	47.6
≥ 20000	47.1	57.7	59.7	61.0	62.0	62.1	62.5	62.5	62.5	62.6	62.8	62.8	62.8	62.8	62.9	63.0
≥ 18000	47.2	57.8	59.8	61.1	62.1	62.2	62.6	62.6	62.6	62.7	62.9	62.9	62.9	62.9	63.0	63.2
≥ 16000	47.2	57.8	59.8	61.2	62.2	62.3	62.6	62.7	62.7	62.8	62.9	62.9	62.9	62.9	63.1	63.2
≥ 14000	48.0	58.8	60.8	62.1	63.2	63.3	63.6	63.6	63.6	63.7	63.9	63.9	63.9	63.9	64.1	64.2
≥ 12000	49.7	60.6	62.7	64.1	65.1	65.2	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	66.0	66.1
≥ 10000	51.5	62.7	64.8	66.1	67.1	67.2	67.6	67.7	67.7	67.8	67.9	67.9	67.9	67.9	68.1	68.2
≥ 9000	52.0	63.4	65.6	67.0	68.0	68.1	68.4	68.5	68.5	68.6	68.8	68.8	68.8	68.8	69.0	69.1
≥ 8000	52.8	64.6	66.9	68.3	69.4	69.6	69.9	70.0	70.0	70.1	70.3	70.3	70.3	70.3	70.4	70.5
≥ 7000	53.7	65.8	68.1	69.5	70.6	70.7	71.1	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.6	71.7
≥ 6000	54.5	66.8	69.2	70.6	71.7	71.9	72.2	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.7	72.8
≥ 5000	55.1	67.8	70.3	71.7	72.8	72.9	73.3	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.8	73.9
≥ 4500	55.3	68.0	70.5	72.0	73.1	73.2	73.6	73.6	73.6	73.7	73.9	73.9	73.9	73.9	74.1	74.2
≥ 4000	56.1	69.0	71.5	72.9	74.1	74.2	74.6	74.7	74.7	74.8	74.9	74.9	74.9	74.9	75.1	75.2
≥ 3500	56.7	69.9	72.5	74.0	75.1	75.3	75.6	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.1	76.2
≥ 3000	57.6	71.0	73.6	75.1	76.3	76.4	76.8	76.9	76.9	77.0	77.2	77.2	77.2	77.2	77.4	77.5
≥ 2500	58.5	72.1	74.8	76.4	77.5	77.7	78.1	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.8	78.9
≥ 2000	60.0	73.6	76.4	78.1	79.2	79.4	79.9	80.1	80.1	80.2	80.4	80.4	80.4	80.4	80.6	80.7
≥ 1800	60.7	74.4	77.1	78.9	80.0	80.2	80.7	80.8	80.8	81.0	81.1	81.1	81.2	81.2	81.3	81.4
≥ 1500	62.1	76.1	78.8	80.6	81.7	81.9	82.6	82.7	82.7	82.8	83.0	83.0	83.1	83.1	83.2	83.3
≥ 1200	63.4	78.1	81.0	82.8	84.1	84.2	84.9	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.6	85.7
≥ 1000	64.7	80.3	83.3	85.2	86.5	86.7	87.5	87.6	87.6	87.7	87.9	87.9	88.0	88.0	88.1	88.2
≥ 900	65.2	81.4	84.6	86.4	87.8	88.0	88.9	89.0	89.0	89.1	89.3	89.3	89.3	89.3	89.5	89.6
≥ 800	65.9	82.7	86.3	88.3	89.7	89.9	90.9	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.6	91.7
≥ 700	66.1	83.6	87.4	89.8	91.4	91.6	92.5	92.7	92.7	92.8	93.0	93.0	93.1	93.1	93.2	93.3
≥ 600	66.3	84.5	88.5	91.0	92.9	93.1	94.0	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.8
≥ 500	66.6	85.0	89.1	91.8	94.0	94.2	95.2	95.4	95.4	95.6	95.8	95.8	95.8	95.8	96.0	96.1
≥ 400	66.6	85.2	89.3	92.2	94.6	94.8	95.8	96.1	96.1	96.4	96.6	96.6	96.7	96.7	96.9	97.0
≥ 300	66.7	85.3	89.5	92.3	94.8	95.0	96.1	96.4	96.4	96.9	97.0	97.0	97.1	97.1	97.4	97.5
≥ 200	66.8	85.4	89.7	92.5	95.0	95.2	96.4	96.8	96.8	97.5	97.6	97.6	97.9	97.9	98.3	98.4
≥ 100	66.8	85.4	89.7	92.5	95.1	95.3	96.6	96.9	96.9	97.7	98.0	98.0	98.3	98.3	98.9	99.1
0	66.8	85.4	89.7	92.5	95.1	95.3	96.6	96.9	96.9	97.7	98.0	98.0	98.3	98.3	98.9	100..

TOTAL NUMBER OF OBSERVATIONS 1859

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | OCT MONTH

0900-1100 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.9	46.1	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	56.6	62.6	63.4	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
> 18000	56.6	62.6	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	56.7	62.7	63.5	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000	57.3	63.4	64.2	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	59.4	65.8	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	61.1	68.1	69.0	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
> 9000	61.6	68.6	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	62.0	69.3	70.2	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	62.8	70.1	71.0	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
> 6000	63.3	70.9	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	63.8	71.8	72.8	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	64.3	72.3	73.3	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000	64.8	72.8	73.9	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
> 3500	65.5	73.6	74.6	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	67.0	75.3	76.4	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
> 2500	69.5	77.8	79.0	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	72.4	81.1	82.6	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	73.6	82.6	84.0	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	75.9	85.5	87.2	87.7	87.7	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	78.4	88.8	90.5	91.3	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	79.6	90.6	92.4	93.3	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
> 900	80.3	91.5	93.3	94.3	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	80.8	92.5	94.6	95.8	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
> 700	81.1	93.4	95.6	96.8	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	81.2	93.6	95.8	97.2	97.5	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	81.2	93.8	96.0	97.5	97.9	98.0	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	81.2	93.9	96.3	97.9	98.4	98.5	99.1	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	81.2	93.9	96.3	97.9	98.4	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	81.2	93.9	96.3	97.9	98.4	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	81.2	93.9	96.3	97.9	98.4	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 0	81.2	93.9	96.3	97.9	98.4	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED ELECTRONIC BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

1200-1400 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.8	47.9	48.0	48.0	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 20000	64.7	66.3	66.4	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	64.8	66.4	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	65.0	66.6	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	65.6	67.3	67.4	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	67.7	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	70.0	72.0	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	70.5	72.6	72.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	71.3	73.6	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 7000	72.0	74.4	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	72.5	75.0	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	73.2	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500	74.0	77.0	77.1	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	76.3	79.6	79.7	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	79.0	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	82.1	86.0	86.1	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	85.3	89.5	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	87.5	91.9	92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	88.1	92.8	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	89.2	94.4	94.7	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	90.7	96.1	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	91.1	96.6	97.2	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	91.2	96.8	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	91.4	97.3	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	91.6	97.5	98.4	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	91.6	97.5	98.5	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	91.6	97.6	98.6	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	91.6	97.7	98.7	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	91.6	97.7	98.7	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	91.6	97.7	98.7	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	91.6	97.7	98.7	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	91.6	97.7	98.7	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1859

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS

150023

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

1500-1700 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	> 2½	≥ 2	≥ 1½	≥ 1¼	< 1	≥ ¾	≥ ⅝	≥ ½	< 5/16	< ¼	> 0
NO CEILING	51.5	52.6	52.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
> 20000	70.8	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	71.0	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000	71.2	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	72.6	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	75.8	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	78.4	79.7	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	78.9	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	79.9	81.3	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	81.0	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	81.4	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	82.5	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	83.0	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	85.3	87.4	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	86.5	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	89.1	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	90.9	93.7	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	91.9	95.1	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	92.2	95.4	95.8	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	92.6	96.0	96.4	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	93.1	96.5	97.0	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	93.2	96.6	97.2	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	93.3	96.8	97.3	97.6	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	93.5	97.0	97.7	98.0	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	93.6	97.2	97.8	98.1	98.3	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	93.7	97.3	98.0	98.4	98.6	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	93.7	97.4	98.1	98.5	98.7	98.9	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	93.9	97.5	98.2	98.7	98.9	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	93.9	97.5	98.2	98.7	98.9	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	93.9	97.5	98.2	98.7	98.9	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	93.9	97.5	98.2	98.7	98.9	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	93.9	97.5	98.2	98.7	98.9	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGPT BUSINESS SYSTEMS

150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | OCT MONTH

1800-2000 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.1	56.2	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	74.9	76.4	76.7	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000	75.3	76.8	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	75.3	76.9	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	76.0	77.6	77.9	77.9	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	79.3	81.0	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 10000	81.5	83.4	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 9000	82.4	84.3	84.6	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	83.3	85.4	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	84.3	86.4	86.7	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 6000	84.9	86.9	87.3	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	85.8	88.1	88.5	88.5	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500	85.9	88.2	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	87.4	89.8	90.3	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	88.2	90.8	91.3	91.3	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	89.7	92.5	93.0	93.0	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	90.3	93.7	94.1	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	91.3	95.0	95.5	95.5	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	91.4	95.2	95.6	95.8	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	91.8	95.5	96.2	96.3	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	92.2	96.1	96.8	96.9	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	92.6	96.6	97.3	97.4	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	92.7	96.8	97.5	97.6	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	92.9	97.0	97.7	97.8	98.1	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	93.1	97.4	98.1	98.2	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	93.1	97.5	98.3	98.4	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	93.1	97.5	98.3	98.5	98.8	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	93.1	97.5	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	93.1	97.5	98.3	98.5	98.9	98.9	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	93.1	97.5	98.4	98.6	99.0	99.0	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	93.1	97.5	98.4	98.6	99.0	99.0	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	93.1	97.5	98.4	98.6	99.0	99.0	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1859

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.2	61.0	61.1	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 20000	78.2	80.3	80.4	80.5	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 18000	78.4	80.5	80.6	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	78.6	80.7	80.8	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2
≥ 14000	79.3	81.5	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	81.1	83.3	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 10000	83.0	85.2	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000	83.7	85.9	86.0	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	83.9	86.3	86.4	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 7000	84.4	86.8	86.9	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 6000	85.1	87.7	87.8	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	86.1	89.2	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	86.5	89.6	89.7	89.8	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	87.5	90.6	90.9	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	88.0	91.2	91.5	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 3000	88.5	91.8	92.0	92.1	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	89.2	92.6	92.8	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 2000	90.2	93.6	93.9	94.0	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	90.6	94.1	94.5	94.6	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	91.1	94.8	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 1200	92.0	96.0	96.6	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 1000	92.5	96.8	97.4	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 900	92.6	97.0	97.6	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	92.8	97.3	97.9	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 700	93.1	97.5	98.2	98.3	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	93.1	97.7	98.4	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	93.1	97.8	98.5	98.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 400	93.1	98.0	98.8	99.0	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	93.1	98.0	98.8	99.0	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	93.1	98.0	98.8	99.0	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	93.1	98.0	98.8	99.0	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 0	93.1	98.0	98.8	99.0	99.2	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210W5 FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CORY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

0000-0200 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.1	52.2	52.4	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0
≥ 20000	62.0	64.5	64.7	65.1	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.7
≥ 18000	62.0	64.5	64.7	65.1	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.7
≥ 16000	62.0	64.5	64.7	65.1	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.7
≥ 14000	62.6	65.0	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2
≥ 12000	63.6	66.0	66.3	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2
≥ 10000	65.0	67.5	67.8	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7	68.7
≥ 9000	65.5	68.0	68.2	68.6	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.2	69.2
≥ 8000	66.0	68.6	68.8	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8
≥ 7000	66.3	69.3	69.5	69.9	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.5	70.5
≥ 6000	66.8	70.1	70.3	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3
≥ 5000	68.9	72.6	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.9	73.9
≥ 4500	69.8	73.5	73.7	74.1	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7
≥ 4000	71.8	75.6	75.8	76.2	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8
≥ 3500	72.3	76.4	76.7	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9
≥ 3000	73.7	78.1	78.4	79.0	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6
≥ 2500	75.8	80.6	80.9	81.5	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.2	82.2
≥ 2000	78.0	83.4	83.7	84.3	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	85.0	85.0
≥ 1800	79.0	84.5	84.9	85.5	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 1500	80.9	86.5	86.8	87.5	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 1200	82.9	88.9	89.2	89.9	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6
≥ 1000	84.0	90.6	91.0	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5
≥ 900	84.3	90.9	91.5	92.3	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 800	84.6	91.3	92.0	92.7	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥ 700	85.1	92.3	93.0	93.7	94.2	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.9	94.9
≥ 600	85.1	92.8	93.6	94.3	94.9	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6
≥ 500	85.2	93.2	94.2	95.3	96.0	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.8	96.8
≥ 400	85.2	93.7	94.7	95.9	96.8	96.9	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.9	97.9
≥ 300	85.2	93.7	94.7	96.0	96.8	97.0	97.8	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.5	98.5
≥ 200	85.2	93.7	94.7	96.1	97.0	97.1	98.0	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.9	98.9
≥ 100	85.2	93.7	94.7	96.1	97.0	97.1	98.0	98.1	98.1	98.5	98.8	98.8	99.0	99.0	99.2	99.4
≥ 0	85.2	93.7	94.7	96.1	97.0	97.1	98.0	98.1	98.1	98.5	98.8	98.8	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FGHT BUSINESS SYSTEMS
150323

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.3	49.2	49.4	49.7	50.1	50.1	50.2	50.2	50.2	50.5	50.5	50.5	50.6	50.6	50.8	50.3
≥ 20000	55.9	59.7	59.9	60.2	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.3	61.3	61.6	61.7
≥ 18000	55.9	59.7	59.9	60.2	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.3	61.3	61.6	61.7
≥ 16000	55.9	59.7	59.9	60.2	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.3	61.3	61.6	61.7
≥ 14000	56.3	60.2	60.4	60.7	61.1	61.1	61.2	61.2	61.2	61.7	61.7	61.7	61.7	61.7	62.0	62.1
≥ 12000	56.8	60.6	60.9	61.1	61.6	61.6	61.7	61.7	61.7	62.1	62.1	62.1	62.2	62.2	62.5	62.6
≥ 10000	57.6	61.6	61.8	62.1	62.6	62.6	62.6	62.6	62.6	63.1	63.1	63.1	63.1	63.1	63.4	63.5
≥ 9000	58.2	62.1	62.3	62.6	63.1	63.1	63.1	63.1	63.1	63.6	63.6	63.6	63.7	63.7	64.0	64.1
≥ 8000	58.8	63.1	63.3	63.6	64.1	64.1	64.1	64.1	64.1	64.6	64.6	64.6	64.7	64.7	65.0	65.1
≥ 7000	59.6	63.8	64.1	64.4	64.8	64.8	64.9	64.9	64.9	65.4	65.4	65.4	65.4	65.4	65.7	65.8
≥ 6000	60.4	64.8	65.0	65.3	65.8	65.8	65.8	65.8	65.8	66.3	66.3	66.3	66.4	66.4	66.6	66.8
≥ 5000	62.0	66.8	67.0	67.3	67.8	67.8	67.8	67.8	67.8	68.3	68.3	68.3	68.3	68.3	68.6	68.8
≥ 4500	62.9	67.6	67.9	68.2	68.6	68.6	68.7	68.7	68.7	69.2	69.2	69.2	69.2	69.2	69.5	69.6
≥ 4000	64.5	69.6	69.9	70.3	70.7	70.7	70.8	70.8	70.8	71.3	71.3	71.3	71.3	71.3	71.6	71.7
≥ 3500	65.8	71.0	71.3	71.9	72.3	72.4	72.4	72.4	72.4	72.9	72.9	72.9	73.0	73.0	73.3	73.4
≥ 3000	67.2	72.7	73.1	73.8	74.3	74.3	74.4	74.4	74.4	74.8	74.8	74.8	74.9	74.9	75.2	75.3
≥ 2500	68.0	74.4	74.8	75.5	76.0	76.0	76.1	76.1	76.1	76.5	76.5	76.5	76.6	76.6	76.9	77.0
≥ 2000	72.1	78.3	78.8	79.5	80.0	80.1	80.2	80.2	80.2	80.6	80.6	80.6	80.7	80.7	81.0	81.1
≥ 1800	72.7	78.9	79.5	80.2	80.7	80.7	80.8	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.6	81.7
≥ 1500	74.9	81.8	82.4	83.1	83.7	83.7	83.8	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.6	84.7
≥ 1200	76.8	84.2	84.8	85.6	86.1	86.2	86.3	86.3	86.3	86.8	86.8	86.8	86.8	86.8	87.1	87.2
≥ 1000	77.9	86.0	86.6	87.4	88.0	88.1	88.2	88.2	88.2	88.7	88.7	88.7	88.8	88.8	89.1	89.2
≥ 900	78.6	86.8	87.5	88.3	88.9	89.0	89.2	89.2	89.2	89.7	89.7	89.7	89.8	89.8	90.1	90.2
≥ 800	78.8	87.5	88.3	89.2	90.0	90.1	90.2	90.2	90.2	90.8	90.8	90.8	90.8	90.8	91.1	91.2
≥ 700	79.3	88.5	89.4	90.2	91.0	91.2	91.3	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.3	92.5
≥ 600	79.6	89.1	90.0	90.9	91.7	91.9	92.1	92.2	92.2	92.8	92.9	92.9	92.9	92.9	93.2	93.3
≥ 500	79.8	89.9	90.9	91.8	92.7	92.8	93.1	93.2	93.2	93.9	94.0	94.0	94.0	94.0	94.3	94.4
≥ 400	79.9	90.3	91.5	92.9	93.8	93.9	94.3	94.5	94.5	95.2	95.3	95.3	95.3	95.3	95.6	95.7
≥ 300	79.9	90.5	91.7	93.2	94.1	94.2	94.9	95.2	95.2	96.1	96.2	96.2	96.4	96.4	96.7	96.8
≥ 200	79.9	90.5	91.9	93.3	94.3	94.4	95.1	95.5	95.5	96.6	96.8	96.8	97.1	97.1	97.4	97.6
≥ 100	80.0	90.6	92.0	93.4	94.4	94.6	95.2	95.6	95.6	97.1	97.7	97.7	98.2	98.2	98.5	98.8
≥ 0	80.0	90.6	92.0	93.4	94.4	94.6	95.2	95.6	95.6	97.1	97.7	97.7	98.2	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1709

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/FENT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-44,49-64 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	0
NO CEILING	39.2	42.7	43.2	43.5	43.7	43.8	44.1	44.3	44.3	44.4	44.6	44.6	44.6	44.6	44.7	44.8
≥ 20000	47.9	53.3	54.3	54.9	55.4	55.5	55.9	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.6	56.8
≥ 18000	47.9	53.3	54.3	54.9	55.4	55.5	55.9	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.6	56.8
≥ 16000	47.9	53.3	54.4	55.0	55.6	55.6	56.0	56.2	56.2	56.4	56.5	56.5	56.5	56.5	56.7	56.9
≥ 14000	48.4	53.8	54.9	55.6	56.1	56.1	56.5	56.7	56.7	57.0	57.1	57.1	57.1	57.1	57.3	57.4
≥ 12000	49.1	54.6	55.8	56.5	57.0	57.1	57.5	57.7	57.7	57.9	58.0	58.0	58.0	58.0	58.2	58.4
≥ 10000	50.4	56.1	57.3	58.0	58.5	58.6	59.1	59.2	59.2	59.5	59.6	59.6	59.6	59.6	59.8	59.9
≥ 9000	50.9	56.7	58.0	58.7	59.2	59.2	59.7	59.9	59.9	60.1	60.2	60.2	60.2	60.2	60.4	60.6
≥ 8000	51.8	57.7	59.0	59.7	60.2	60.3	60.8	60.9	60.9	61.2	61.3	61.3	61.3	61.3	61.5	61.6
≥ 7000	53.0	59.1	60.4	61.1	61.6	61.7	62.2	62.3	62.3	62.6	62.7	62.7	62.7	62.7	62.9	63.0
≥ 6000	53.6	59.6	61.0	61.7	62.2	62.3	62.7	62.9	62.9	63.2	63.3	63.3	63.3	63.3	63.5	63.7
≥ 5000	55.7	62.0	63.3	64.1	64.6	64.7	65.1	65.3	65.3	65.6	65.7	65.7	65.7	65.7	65.9	66.1
≥ 4500	56.3	62.6	64.0	64.7	65.3	65.3	65.8	66.0	66.0	66.3	66.4	66.4	66.4	66.4	66.5	66.7
≥ 4000	57.4	64.3	65.7	66.6	67.1	67.3	67.7	67.9	68.0	68.3	68.4	68.4	68.4	68.4	68.6	68.8
≥ 3500	58.0	65.3	66.7	67.8	68.3	68.4	68.9	69.1	69.1	69.5	69.6	69.6	69.6	69.6	69.8	69.9
≥ 3000	59.6	67.0	68.5	69.6	70.2	70.4	70.9	71.1	71.2	71.6	71.7	71.7	71.7	71.7	71.9	72.0
≥ 2500	61.1	68.8	70.3	71.5	72.1	72.3	72.8	73.0	73.0	73.5	73.6	73.6	73.6	73.6	73.7	73.9
≥ 2000	63.0	71.3	72.9	74.0	74.7	74.9	75.4	75.6	75.6	76.0	76.1	76.1	76.1	76.1	76.3	76.5
≥ 1800	64.3	72.7	74.4	75.8	76.5	76.7	77.2	77.4	77.4	77.8	78.0	78.0	78.0	78.0	78.1	78.3
≥ 1500	65.6	74.7	76.7	78.0	78.8	79.0	79.5	79.7	79.8	80.2	80.4	80.4	80.4	80.4	80.6	80.8
≥ 1200	67.9	77.8	79.9	81.2	82.0	82.2	82.7	82.9	83.0	83.6	83.7	83.7	83.7	83.7	83.9	84.0
≥ 1000	69.0	79.8	81.9	83.4	84.3	84.5	85.0	85.2	85.3	85.8	86.0	86.0	86.0	86.0	86.1	86.3
≥ 900	69.2	80.4	82.7	84.3	85.3	85.5	86.1	86.3	86.3	86.9	87.0	87.0	87.0	87.0	87.2	87.4
≥ 800	69.6	81.7	84.2	85.9	87.0	87.2	87.8	88.0	88.0	88.8	88.9	88.9	88.9	88.9	89.1	89.2
≥ 700	69.8	82.3	85.0	86.7	87.9	88.1	88.8	89.0	89.1	89.9	90.0	90.0	90.1	90.1	90.2	90.4
≥ 600	70.1	83.1	85.8	87.7	88.9	89.1	89.8	90.1	90.2	91.1	91.2	91.2	91.2	91.2	91.4	91.6
≥ 500	70.4	83.9	86.9	89.0	90.6	90.8	91.7	92.0	92.1	93.1	93.2	93.2	93.4	93.4	93.6	93.7
≥ 400	70.4	84.2	87.3	89.5	91.3	91.5	92.6	93.0	93.2	94.2	94.4	94.4	94.6	94.6	94.7	94.9
≥ 300	70.4	84.3	87.5	89.9	91.8	92.0	93.2	93.8	93.9	95.2	95.6	95.6	95.7	95.7	95.9	96.1
≥ 200	70.4	84.3	87.5	90.1	91.9	92.2	93.3	93.9	94.0	95.5	95.9	95.9	96.1	96.1	96.4	96.5
≥ 100	70.4	84.3	87.6	90.1	92.0	92.2	93.4	94.0	94.1	95.8	96.5	96.5	97.0	97.0	98.0	98.3
≥ 0	70.4	84.3	87.6	90.1	92.0	92.2	93.4	94.0	94.2	96.0	96.6	96.6	97.2	97.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECKY BUSINESS SYSTEMS 150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.8	41.8	42.0	42.4	42.7	42.7	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	53.3	56.7	57.6	58.0	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	53.3	56.7	57.6	58.0	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	53.6	57.0	58.0	58.3	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9
≥ 14000	54.2	57.7	58.7	59.0	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	55.3	59.2	60.2	60.5	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.2
≥ 10000	56.6	60.9	62.0	62.4	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	57.0	61.3	62.3	62.7	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4
≥ 8000	58.2	62.8	63.9	64.3	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0
≥ 7000	59.3	64.0	65.1	65.6	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2
≥ 6000	60.5	65.2	66.4	66.8	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5
≥ 5000	61.2	66.0	67.2	67.7	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3
≥ 4500	61.9	66.7	68.0	68.5	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 4000	62.6	67.8	69.1	69.7	70.2	70.2	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3500	63.3	68.9	70.1	70.8	71.2	71.3	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3000	64.9	70.6	71.9	72.6	73.1	73.2	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2500	66.6	72.9	74.1	74.8	75.3	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 2000	69.2	76.0	77.4	78.3	78.9	79.0	79.1	79.2	79.3	79.5	79.5	79.5	79.6	79.6	79.6	79.6
≥ 1800	70.1	77.2	78.7	79.6	80.2	80.4	80.6	80.7	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1500	72.3	80.2	81.8	82.9	83.5	83.6	83.9	84.0	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 1200	74.8	83.9	85.6	86.8	87.5	87.6	87.9	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	75.9	85.8	87.7	88.9	89.6	89.7	90.1	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	76.4	86.7	88.6	89.9	90.7	90.8	91.2	91.3	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 800	76.7	87.5	89.6	90.9	91.8	91.9	92.2	92.3	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 700	77.1	88.5	90.9	92.2	93.2	93.3	93.6	93.7	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 600	77.2	88.9	91.8	93.2	94.2	94.3	94.7	94.9	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 500	77.2	89.4	92.4	93.9	95.1	95.3	96.1	96.4	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 400	77.2	89.4	92.4	93.9	95.1	95.3	96.5	96.8	96.9	97.5	97.5	97.5	97.6	97.6	97.7	97.7
≥ 300	77.2	89.4	92.5	93.9	95.2	95.4	96.7	97.0	97.1	98.0	98.1	98.1	98.2	98.2	98.4	98.4
≥ 200	77.2	89.4	92.5	94.0	95.3	95.5	96.8	97.3	97.4	98.3	98.7	98.7	98.9	98.9	99.0	99.0
≥ 100	77.2	89.4	92.5	94.0	95.3	95.5	96.8	97.3	97.4	98.3	98.9	98.9	99.2	99.2	99.4	99.5
≥ 0	77.3	89.5	92.5	94.0	95.4	95.6	96.9	97.3	97.4	98.4	98.9	98.9	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECKY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

1200-1400 (HOURS (L ST.))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.8	44.7	45.0	45.0	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	60.5	61.9	62.3	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	60.5	61.9	62.3	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	60.8	62.3	62.7	62.8	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	61.6	63.2	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
12000	63.6	65.3	65.8	65.8	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	65.3	67.2	67.7	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	65.7	67.7	68.1	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 8000	66.7	68.7	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	67.1	69.1	69.6	69.6	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	67.7	69.8	70.4	70.4	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	68.7	70.8	71.3	71.4	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	69.1	71.4	72.0	72.0	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	71.2	73.9	74.5	74.6	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	73.0	75.9	76.5	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	75.7	79.1	79.9	79.9	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	79.1	82.9	83.7	83.8	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	82.3	86.5	87.4	87.5	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	83.5	88.1	89.0	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	84.9	90.2	91.2	91.5	91.8	91.9	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	85.7	91.5	92.5	92.8	93.1	93.2	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	86.1	92.5	93.6	93.9	94.3	94.4	94.5	94.6	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	86.3	92.7	93.9	94.2	94.6	94.7	94.8	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	86.3	93.2	94.4	94.7	95.4	95.5	95.6	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	86.6	93.7	94.9	95.3	96.0	96.1	96.3	96.4	96.4	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	86.8	94.2	95.5	96.0	96.8	96.9	97.1	97.3	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	86.8	94.4	95.8	96.3	97.4	97.5	97.8	98.0	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	86.8	94.4	95.8	96.3	97.5	97.7	98.1	98.2	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	86.8	94.6	95.9	96.6	97.8	98.1	98.4	98.5	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	86.8	94.6	96.0	96.7	97.9	98.1	98.5	98.6	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	86.8	94.6	96.0	96.7	97.9	98.1	98.5	98.6	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	86.8	94.6	96.0	96.7	97.9	98.1	98.5	98.6	98.7	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FEKY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.2	46.8	46.8	47.0	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000	65.4	66.8	66.8	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
≥ 19000	65.4	66.8	66.8	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
≥ 16000	65.8	67.2	67.3	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	66.6	68.0	68.1	68.3	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	68.9	70.3	70.4	70.6	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	70.5	72.0	72.0	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 9000	70.9	72.4	72.5	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	71.6	73.3	73.4	73.6	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2
≥ 7000	72.6	74.4	74.6	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4
≥ 6000	73.5	75.5	75.7	75.9	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 5000	74.9	77.1	77.3	77.5	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	75.8	78.0	78.2	78.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	78.0	80.5	80.7	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
≥ 3500	79.4	82.2	82.3	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 3000	82.1	85.2	85.4	85.7	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	84.5	87.9	88.1	88.4	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 2000	86.3	90.1	90.4	90.6	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 1800	86.8	90.8	91.1	91.4	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	87.4	91.6	91.9	92.2	92.9	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	87.7	92.2	92.6	93.0	93.6	93.6	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1
≥ 1000	87.9	92.8	93.2	93.6	94.2	94.2	94.4	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 900	88.1	93.4	93.9	94.3	95.0	95.0	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 800	88.3	93.7	94.2	94.7	95.6	95.6	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 700	88.5	94.0	94.6	95.4	96.3	96.3	96.8	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 600	88.5	94.2	94.7	95.6	96.5	96.5	97.0	97.0	97.1	97.5	97.6	97.6	97.6	97.6	97.7	97.7
≥ 500	88.7	94.4	95.0	96.0	97.1	97.1	97.8	97.8	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	88.7	94.4	95.1	96.1	97.2	97.2	98.2	98.4	98.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	88.7	94.4	95.1	96.3	97.4	97.4	98.5	98.7	98.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	88.7	94.4	95.1	96.3	97.4	97.4	98.5	98.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	88.7	94.4	95.1	96.3	97.4	97.4	98.5	98.7	98.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	88.7	94.4	95.1	96.3	97.4	97.4	98.5	98.7	98.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/ GRT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERS[redacted]TY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-44,49-64 YEARS | NOV MONTH

1800-2000 HOURS (L S T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.2	53.2	53.3	53.5	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	68.1	69.8	70.2	70.4	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
> 18000	68.1	69.8	70.2	70.4	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	68.3	70.0	70.4	70.5	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	68.9	70.6	70.9	71.1	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
> 12000	71.1	72.7	73.1	73.3	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
> 10000	72.5	74.2	74.6	74.7	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	73.0	74.9	75.3	75.4	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
> 8000	73.7	75.8	76.1	76.4	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
> 7000	74.4	77.2	77.5	77.8	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	75.6	78.5	78.8	79.1	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	77.5	80.4	80.8	81.0	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	78.3	81.4	81.8	82.0	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	80.2	83.6	84.1	84.3	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
> 3500	80.9	84.7	85.2	85.4	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	82.5	86.6	87.1	87.4	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	84.2	88.5	89.2	89.5	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
> 2000	85.1	90.4	91.1	91.5	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	85.5	90.8	91.5	91.9	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	86.2	91.8	92.6	93.0	93.5	93.5	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	87.0	92.9	93.7	94.2	94.7	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
> 1000	87.1	93.1	94.0	94.4	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	87.4	93.6	94.6	95.1	95.6	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	87.6	94.2	95.1	95.8	96.4	96.4	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	87.7	94.6	95.5	96.3	96.9	96.9	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	87.7	94.7	95.7	96.5	97.2	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	87.8	95.0	96.1	96.9	97.7	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	87.8	95.3	96.4	97.2	98.1	98.1	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	87.8	95.4	96.5	97.4	98.4	98.4	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	87.8	95.4	96.5	97.5	98.5	98.5	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	87.8	95.4	96.6	97.5	98.5	98.5	99.2	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	87.8	95.4	96.6	97.5	98.5	98.5	99.2	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

ALLIED/EGBY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) NOV (MONTH)

2100-2300 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.1	53.8	53.9	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 20000	67.1	69.5	69.9	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 18000	67.1	69.5	69.9	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 16000	67.2	69.5	69.9	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	67.3	69.7	70.2	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	69.2	71.7	72.1	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 10000	70.5	73.0	73.4	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 9000	71.0	73.4	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	72.1	74.8	75.2	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 7000	72.6	75.4	75.8	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	73.4	76.7	77.2	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 5000	75.0	78.5	79.0	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 4500	76.0	79.5	80.0	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 4000	77.9	81.7	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 3500	78.8	82.9	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
≥ 3000	80.3	85.1	85.6	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 2500	82.5	87.6	88.1	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 2000	83.7	89.2	89.8	90.3	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 1800	84.3	89.8	90.3	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	85.3	90.9	91.5	92.0	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	86.2	92.1	92.7	93.3	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 1000	87.0	93.1	93.9	94.5	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 900	87.2	93.4	94.3	94.9	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	87.5	93.9	94.8	95.6	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 700	87.6	94.3	95.2	96.0	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 600	87.6	94.6	95.4	96.3	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 500	87.6	95.1	96.0	96.9	97.4	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	87.7	95.3	96.4	97.3	98.1	98.2	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	87.7	95.3	96.4	97.4	98.1	98.2	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	87.7	95.3	96.5	97.4	98.2	98.3	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 100	87.7	95.3	96.5	97.5	98.3	98.4	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	87.7	95.3	96.5	97.5	98.3	98.4	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.8	100.

TOTAL NUMBER OF OBSERVATIONS 1709

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

0000-0200 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.2	46.8	47.2	47.3	47.6	47.6	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.1	48.1
≥ 20000	56.9	59.8	60.4	60.6	60.9	60.9	61.1	61.1	61.2	61.3	61.5	61.5	61.5	61.5	61.6	61.6
≥ 18000	57.0	59.9	60.4	60.6	61.0	61.0	61.1	61.1	61.2	61.3	61.5	61.5	61.5	61.5	61.7	61.7
≥ 16000	57.0	59.9	60.5	60.7	61.0	61.0	61.2	61.2	61.3	61.4	61.6	61.6	61.6	61.6	61.7	61.7
≥ 14000	57.7	60.8	61.3	61.5	61.8	61.8	62.0	62.0	62.1	62.2	62.4	62.4	62.4	62.4	62.5	62.5
≥ 12000	59.0	62.2	62.7	62.9	63.2	63.2	63.4	63.4	63.5	63.6	63.8	63.8	63.8	63.8	63.9	63.9
≥ 10000	60.4	63.7	64.4	64.6	64.9	64.9	65.1	65.1	65.2	65.4	65.5	65.5	65.5	65.5	65.7	65.7
≥ 9000	60.6	64.0	64.7	64.9	65.2	65.2	65.4	65.4	65.5	65.6	65.8	65.8	65.8	65.8	66.0	66.0
≥ 8000	60.8	64.2	64.9	65.2	65.5	65.5	65.6	65.6	65.8	65.9	66.1	66.1	66.1	66.1	66.2	66.2
≥ 7000	61.1	64.6	65.3	65.5	65.9	65.9	66.0	66.0	66.1	66.3	66.5	66.5	66.5	66.5	66.6	66.6
≥ 6000	61.5	64.9	65.6	65.9	66.2	66.2	66.4	66.4	66.5	66.7	66.8	66.8	66.8	66.8	67.0	67.0
≥ 5000	63.4	67.2	67.8	68.2	68.6	68.6	68.8	68.8	68.9	69.0	69.2	69.2	69.2	69.2	69.4	69.4
≥ 4500	63.9	67.6	68.3	68.6	69.0	69.0	69.2	69.2	69.3	69.5	69.6	69.6	69.6	69.6	69.8	69.8
≥ 4000	65.5	69.3	70.1	70.4	70.8	70.8	71.0	71.0	71.1	71.2	71.4	71.4	71.4	71.4	71.6	71.6
≥ 3500	66.6	70.6	71.3	71.7	72.1	72.1	72.3	72.3	72.4	72.5	72.7	72.7	72.7	72.7	72.8	72.8
≥ 3000	67.7	72.0	72.8	73.1	73.5	73.5	73.7	73.8	73.9	74.0	74.2	74.2	74.2	74.2	74.4	74.4
≥ 2500	69.8	74.4	75.1	75.5	76.0	76.0	76.2	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.9	76.9
≥ 2000	72.0	77.3	78.0	78.4	78.9	78.9	79.1	79.2	79.3	79.5	79.6	79.6	79.6	79.6	79.8	79.8
≥ 1800	72.4	78.2	78.9	79.4	79.9	79.9	80.2	80.2	80.3	80.5	80.6	80.6	80.6	80.6	80.8	80.8
≥ 1500	73.8	80.1	81.0	81.6	82.2	82.2	82.4	82.5	82.6	82.7	82.9	82.9	82.9	82.9	83.1	83.1
≥ 1200	75.9	82.7	83.7	84.4	84.9	84.9	85.2	85.3	85.4	85.5	85.7	85.7	85.7	85.7	85.9	85.9
≥ 1000	76.7	84.1	85.2	86.0	86.6	86.6	86.8	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.5	87.5
≥ 900	76.8	84.6	85.8	86.6	87.3	87.3	87.5	87.6	87.7	87.8	88.0	88.0	88.0	88.0	88.2	88.2
≥ 800	77.4	85.6	86.9	87.7	88.5	88.5	88.8	88.9	89.0	89.1	89.3	89.3	89.3	89.3	89.5	89.5
≥ 700	77.7	86.8	88.2	89.0	90.0	90.0	90.4	90.4	90.5	90.7	90.9	90.9	90.9	90.9	91.0	91.0
≥ 600	77.7	87.4	89.0	89.8	90.9	91.0	91.6	91.6	91.7	92.0	92.2	92.2	92.2	92.2	92.4	92.4
≥ 500	77.8	87.7	89.4	90.3	91.6	91.7	92.3	92.7	92.8	93.2	93.4	93.4	93.4	93.4	93.5	93.5
≥ 400	77.9	88.0	89.7	90.8	92.4	92.6	93.6	94.0	94.1	94.7	94.8	94.8	94.8	94.8	95.0	95.0
≥ 300	77.9	88.3	90.2	91.2	93.0	93.2	94.5	95.2	95.3	96.0	96.1	96.1	96.1	96.1	96.3	96.3
≥ 200	77.9	88.3	90.2	91.3	93.2	93.4	95.1	95.9	96.0	96.8	97.0	97.0	97.1	97.1	97.3	97.4
≥ 100	77.9	88.4	90.3	91.4	93.3	93.5	95.2	96.1	96.2	97.0	97.4	97.4	97.6	97.6	98.0	98.4
0	77.9	88.4	90.3	91.4	93.3	93.5	95.2	96.1	96.2	97.0	97.4	97.4	97.7	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

ALLIED/EGAY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

0300-0500 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.2	44.4	44.8	44.9	45.1	45.1	45.4	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.7
≥ 20000	54.7	58.3	58.6	58.8	59.1	59.1	59.5	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.9	60.0
≥ 18000	54.7	58.3	58.6	58.8	59.1	59.1	59.5	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.9	60.0
≥ 16000	54.7	58.3	58.6	58.8	59.1	59.1	59.5	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.9	60.0
≥ 14000	55.2	58.7	59.1	59.3	59.5	59.5	60.0	60.0	60.0	60.1	60.2	60.2	60.3	60.3	60.4	60.5
≥ 12000	56.4	60.0	60.5	60.7	60.9	60.9	61.4	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.8	61.9
≥ 10000	57.8	61.6	62.0	62.3	62.6	62.6	63.0	63.0	63.1	63.3	63.4	63.4	63.4	63.4	63.5	63.6
≥ 9000	58.0	61.9	62.3	62.6	62.8	62.9	63.3	63.3	63.4	63.5	63.6	63.6	63.7	63.7	63.8	63.9
≥ 8000	58.5	62.3	62.7	63.0	63.3	63.3	63.7	63.7	63.8	64.0	64.1	64.1	64.1	64.1	64.2	64.3
≥ 7000	58.8	62.8	63.3	63.6	63.8	63.9	64.3	64.3	64.3	64.5	64.6	64.6	64.7	64.7	64.8	64.8
≥ 6000	59.4	63.6	64.1	64.4	64.7	64.7	65.1	65.1	65.2	65.4	65.5	65.5	65.5	65.5	65.6	65.7
≥ 5000	60.4	64.7	65.2	65.5	65.7	65.8	66.2	66.2	66.3	66.4	66.5	66.5	66.6	66.6	66.7	66.8
≥ 4500	60.7	65.1	65.6	65.9	66.1	66.2	66.6	66.6	66.6	66.8	66.9	66.9	67.0	67.0	67.1	67.1
≥ 4000	61.6	66.2	66.6	67.1	67.3	67.3	67.8	67.8	67.9	68.0	68.2	68.2	68.2	68.2	68.3	68.4
≥ 3500	62.6	67.3	67.8	68.2	68.4	68.5	69.0	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.4	69.5
≥ 3000	63.7	68.6	69.1	69.6	69.8	69.9	70.4	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.8	70.9
≥ 2500	65.2	70.6	71.1	71.6	71.8	71.9	72.4	72.4	72.4	72.6	72.7	72.7	72.7	72.7	72.8	72.9
≥ 2000	67.7	73.7	74.2	74.8	75.0	75.0	75.5	75.5	75.6	75.7	75.8	75.8	76.0	76.0	76.1	76.2
≥ 1800	67.9	74.7	75.3	76.0	76.2	76.2	76.8	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.4
≥ 1500	69.8	76.8	77.4	78.1	78.4	78.4	79.0	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.5	79.6
≥ 1200	72.5	79.8	80.4	81.1	81.4	81.5	82.0	82.0	82.1	82.2	82.4	82.4	82.5	82.5	82.6	82.7
≥ 1000	73.4	81.6	82.4	83.1	83.5	83.5	84.2	84.2	84.2	84.4	84.5	84.5	84.7	84.7	84.8	84.9
≥ 900	73.9	82.5	83.3	84.1	84.6	84.7	85.3	85.3	85.4	85.5	85.6	85.6	85.8	85.8	85.9	86.0
≥ 800	73.9	83.2	84.0	84.8	85.5	85.6	86.2	86.2	86.3	86.4	86.6	86.6	86.7	86.7	86.9	87.0
≥ 700	74.2	84.2	85.4	86.4	87.5	87.5	88.2	88.2	88.2	88.4	88.5	88.5	88.6	88.6	88.8	88.9
≥ 600	74.6	85.3	86.4	87.6	88.6	88.8	89.6	89.6	89.6	89.8	89.9	89.9	90.0	90.0	90.2	90.3
≥ 500	74.7	86.1	87.4	88.6	89.9	90.0	90.9	91.0	91.1	91.2	91.3	91.3	91.5	91.5	91.7	91.8
≥ 400	74.8	86.4	87.8	89.1	90.5	90.6	92.2	92.5	92.6	92.8	92.9	92.9	93.1	93.1	93.2	93.3
≥ 300	74.8	86.6	88.3	89.6	91.1	91.2	93.1	93.5	93.6	94.2	94.4	94.4	94.6	94.6	94.8	94.9
≥ 200	74.8	86.6	88.3	89.7	91.4	91.6	93.8	94.4	94.5	95.3	95.4	95.4	95.6	95.7	96.0	96.1
≥ 100	74.8	86.6	88.3	89.7	91.4	91.6	93.9	94.6	94.6	95.6	95.9	95.9	96.4	96.5	97.1	97.6
0	74.8	86.6	88.3	89.7	91.4	91.6	93.9	94.6	94.6	95.6	95.9	95.9	96.5	96.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1859

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ECMY BUSINESS SYSTEMS
130523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-44,48-64 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.8	38.7	39.2	39.4	39.8	39.8	39.8	39.8	39.8	40.1	40.2	40.2	40.3	40.3	40.3	40.4
≥ 20000	47.2	51.7	52.4	53.1	53.6	53.6	53.8	53.8	53.8	54.1	54.2	54.2	54.4	54.4	54.4	54.5
≥ 18000	47.2	51.7	52.4	53.1	53.6	53.6	53.8	53.8	53.8	54.1	54.2	54.2	54.4	54.4	54.4	54.5
≥ 16000	47.2	51.8	52.5	53.2	53.7	53.7	53.8	53.8	53.8	54.2	54.2	54.2	54.4	54.4	54.5	54.6
≥ 14000	48.5	53.2	53.9	54.6	55.1	55.1	55.2	55.2	55.2	55.6	55.6	55.6	55.8	55.8	55.9	56.0
≥ 12000	50.0	54.7	55.5	56.2	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4	57.5	57.5	57.6	57.7
≥ 10000	51.3	56.1	56.9	57.6	58.2	58.2	58.3	58.3	58.3	58.7	58.8	58.8	58.9	58.9	59.0	59.1
≥ 9000	51.9	56.8	57.5	58.3	58.9	58.9	59.0	59.0	59.0	59.4	59.5	59.5	59.6	59.6	59.7	59.8
≥ 8000	52.4	57.4	58.1	58.9	59.5	59.5	59.6	59.6	59.6	60.0	60.1	60.1	60.2	60.2	60.3	60.4
≥ 7000	52.9	57.9	58.7	59.5	60.0	60.0	60.2	60.2	60.2	60.5	60.6	60.6	60.8	60.8	60.8	60.9
≥ 6000	53.9	59.4	60.2	61.0	61.5	61.5	61.7	61.7	61.7	62.0	62.1	62.1	62.3	62.3	62.3	62.4
≥ 5000	54.7	60.5	61.2	62.0	62.6	62.6	62.7	62.7	62.7	63.1	63.2	63.2	63.3	63.3	63.4	63.5
≥ 4500	55.3	61.2	61.9	62.7	63.3	63.3	63.4	63.4	63.4	63.8	63.9	63.9	64.0	64.0	64.1	64.2
≥ 4000	55.8	62.0	62.8	63.7	64.2	64.2	64.4	64.4	64.4	64.7	64.8	64.8	64.9	64.9	65.0	65.2
≥ 3500	56.8	63.2	64.0	64.8	65.4	65.4	65.5	65.5	65.5	66.0	66.0	66.0	66.2	66.2	66.2	66.4
≥ 3000	57.8	64.5	65.4	66.2	66.9	66.9	67.0	67.1	67.1	67.5	67.6	67.6	67.7	67.7	67.8	68.0
≥ 2500	59.0	66.0	66.9	67.8	68.4	68.4	68.6	68.7	68.7	69.1	69.1	69.1	69.3	69.3	69.4	69.5
≥ 2000	60.8	68.2	69.1	70.0	70.6	70.6	70.8	70.9	70.9	71.3	71.3	71.3	71.5	71.5	71.6	71.7
≥ 1800	61.3	69.1	70.1	71.0	71.7	71.7	71.8	71.9	71.9	72.3	72.4	72.4	72.5	72.5	72.6	72.7
≥ 1500	62.5	70.9	71.8	72.8	73.5	73.5	73.7	73.8	73.8	74.2	74.2	74.2	74.4	74.4	74.5	74.7
≥ 1200	64.5	74.0	75.4	76.5	77.2	77.2	77.4	77.5	77.5	78.0	78.1	78.1	78.2	78.2	78.3	78.5
≥ 1000	65.6	76.6	78.1	79.2	80.1	80.1	80.4	80.5	80.5	81.1	81.1	81.1	81.3	81.3	81.3	81.6
≥ 900	65.9	77.4	78.9	80.0	81.1	81.1	81.4	81.5	81.5	82.0	82.1	82.1	82.3	82.3	82.3	82.5
≥ 800	66.4	78.6	80.4	81.6	83.0	83.1	83.4	83.5	83.5	84.1	84.2	84.2	84.4	84.4	84.4	84.6
≥ 700	66.7	79.7	81.6	83.0	84.4	84.6	85.1	85.2	85.2	85.9	86.0	86.0	86.2	86.2	86.2	86.5
≥ 600	67.2	80.9	83.0	84.7	86.2	86.5	87.0	87.3	87.3	88.0	88.1	88.1	88.3	88.3	88.4	88.7
≥ 500	67.4	81.3	83.5	85.3	87.1	87.5	88.2	88.4	88.4	89.4	89.6	89.6	89.8	89.8	89.9	90.2
≥ 400	67.4	81.5	83.8	85.9	87.7	88.2	89.2	89.6	89.6	90.9	91.2	91.2	91.5	91.5	91.5	91.8
≥ 300	67.4	81.6	83.9	86.1	88.3	88.7	90.1	90.5	90.6	92.5	92.9	92.9	93.3	93.3	93.3	93.7
≥ 200	67.4	81.6	84.0	86.2	88.7	89.1	90.5	91.3	91.4	93.8	94.8	94.8	95.4	95.4	95.6	96.0
≥ 100	67.4	81.6	84.0	86.2	88.7	89.1	90.5	91.3	91.4	94.0	95.1	95.1	96.0	96.0	97.2	97.7
≥ 0	67.4	81.6	84.0	86.2	88.7	89.1	90.5	91.3	91.4	94.0	95.1	95.1	96.0	96.1	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS

150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-44,48-64 YEARS | DEC MONTH

0900-1100 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.5	37.3	37.7	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0
≥ 20000	48.6	53.1	54.0	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.7	54.7	54.7	54.7
≥ 18000	48.9	53.4	54.2	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9
≥ 16000	48.9	53.4	54.2	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9
≥ 14000	49.8	54.3	55.1	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8
≥ 12000	51.6	56.4	57.2	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0
≥ 10000	52.7	57.7	58.6	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6
≥ 9000	53.4	58.4	59.3	59.9	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.4
≥ 8000	54.2	59.3	60.2	60.8	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 7000	55.2	60.4	61.4	61.9	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4
≥ 6000	56.1	61.4	62.4	62.9	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4
≥ 5000	56.7	62.2	63.3	63.9	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 4500	57.0	62.6	63.7	64.2	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8
≥ 4000	58.1	63.9	64.9	65.5	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2
≥ 3500	59.0	64.9	66.0	66.6	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 3000	59.9	66.0	67.2	67.8	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5
≥ 2500	61.6	68.3	69.6	70.3	70.7	70.7	70.8	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1
≥ 2000	63.5	70.8	72.1	72.9	73.5	73.5	73.6	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9
≥ 1800	64.3	72.1	73.4	74.2	74.8	74.8	74.9	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 1500	66.1	74.4	75.9	76.8	77.4	77.4	77.5	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8
≥ 1200	67.6	77.2	79.0	80.2	81.0	81.0	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4
≥ 1000	68.3	78.6	80.6	81.7	82.8	82.9	83.1	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5
≥ 900	68.6	79.6	81.6	82.8	84.0	84.1	84.2	84.3	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.7
≥ 800	69.1	80.9	83.2	84.7	86.1	86.3	86.9	87.0	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.5
≥ 700	69.5	81.7	84.1	86.0	87.4	87.7	88.5	88.7	88.8	89.1	89.2	89.3	89.5	89.5	89.5	89.5
≥ 600	69.8	82.3	84.8	86.9	88.6	88.9	89.8	90.0	90.1	90.4	90.6	90.6	90.9	90.9	90.9	90.9
≥ 500	69.8	82.6	85.2	87.5	89.6	90.0	91.4	91.7	91.7	92.4	92.5	92.6	92.9	92.9	92.9	93.0
≥ 400	69.9	82.9	85.5	88.1	90.5	91.1	92.7	93.4	93.5	94.7	95.2	95.2	95.5	95.5	95.6	95.6
≥ 300	69.9	82.9	85.5	88.2	90.7	91.4	93.5	94.6	94.7	96.3	96.8	96.9	97.3	97.3	97.4	97.4
≥ 200	69.9	82.9	85.5	88.2	90.8	91.4	93.7	94.9	95.2	96.8	97.4	97.4	98.3	98.3	98.5	98.6
≥ 100	69.9	82.9	85.5	88.2	90.8	91.4	93.7	95.0	95.2	96.9	97.5	97.6	98.5	98.5	99.0	99.3
≥ 0	69.9	82.9	85.5	88.2	90.8	91.4	93.7	95.0	95.2	96.9	97.5	97.6	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1859

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/COPY BUSINESS SYSTEMS
160523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-44,48-64 YEARS | DEC MONTH

1200-1400 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.3	39.2	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	54.9	57.4	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	55.1	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	55.2	57.7	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	56.2	58.7	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	57.8	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000	59.5	62.5	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	59.8	62.9	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	60.7	63.9	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 7000	61.2	64.6	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	61.9	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	62.7	66.3	66.5	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500	63.3	67.0	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	64.7	68.7	69.1	69.3	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	65.6	69.9	70.3	70.5	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 3000	67.6	72.2	72.6	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2500	70.5	75.7	76.1	76.4	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	72.4	78.4	78.9	79.2	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800	72.9	79.2	79.7	80.0	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1500	74.6	81.6	82.0	82.5	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1200	76.5	85.2	85.7	86.3	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	77.2	86.4	87.1	87.8	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	77.6	87.2	87.8	88.6	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	78.4	88.6	89.4	90.7	91.1	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0
≥ 700	78.6	89.2	90.2	91.6	92.3	92.4	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 600	78.9	90.0	91.3	92.8	93.9	94.0	95.1	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 500	78.9	90.3	91.6	93.4	94.6	94.7	96.2	96.3	96.3	96.8	96.9	96.9	96.9	96.9	97.0	97.0
≥ 400	79.0	90.4	91.8	93.7	94.9	95.1	97.3	97.6	97.6	98.3	98.4	98.4	98.4	98.4	98.5	98.5
≥ 300	79.0	90.5	91.8	93.7	95.0	95.2	97.4	98.0	98.0	98.7	98.9	98.9	99.1	99.1	99.2	99.2
≥ 200	79.0	90.5	91.9	93.8	95.1	95.3	97.6	98.2	98.2	99.0	99.4	99.4	99.5	99.5	99.6	99.6
≥ 100	79.0	90.5	91.9	93.8	95.1	95.3	97.6	98.2	98.2	99.0	99.4	99.4	99.7	99.7	99.9	99.9
≥ 0	79.0	90.5	91.9	93.8	95.1	95.3	97.6	98.2	98.2	99.0	99.4	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1859

1210WS FORM JUL 64 0-14-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLITO/&GNT BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,48-64 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	59.3	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	59.5	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	59.6	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	61.2	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	62.9	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	64.4	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	65.2	67.5	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	66.7	69.1	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	67.3	69.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	67.8	70.4	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	69.0	71.7	72.0	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	69.7	72.5	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	71.0	74.0	74.3	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	72.3	75.5	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	73.8	77.4	77.8	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	76.3	80.1	80.5	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	78.3	83.2	83.6	83.8	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	79.0	84.1	84.5	84.6	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	79.9	85.4	86.0	86.1	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	81.7	88.0	88.7	89.0	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	82.3	89.3	90.3	90.9	91.1	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	82.5	89.6	90.6	91.2	91.7	91.8	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	82.8	90.4	91.5	92.4	93.2	93.3	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	83.0	91.0	92.3	93.3	94.1	94.3	94.6	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	83.2	91.7	93.2	94.2	95.1	95.2	95.9	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	83.2	92.0	93.5	95.0	96.0	96.1	97.1	97.3	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	83.2	92.0	93.5	95.1	96.2	96.3	97.4	97.6	97.8	98.6	98.8	98.9	98.9	98.9	98.9	98.9
≥ 300	83.2	92.0	93.6	95.2	96.3	96.4	97.6	98.0	98.1	99.0	99.2	99.2	99.6	99.6	99.6	99.6
≥ 200	83.2	92.1	93.7	95.4	96.4	96.6	97.9	98.2	98.3	99.2	99.4	99.5	99.8	99.9	99.9	99.9
≥ 100	83.2	92.1	93.7	95.4	96.4	96.6	97.9	98.2	98.3	99.3	99.5	99.5	99.9	99.9	100.0	100.0
≥ 0	83.2	92.1	93.7	95.4	96.4	96.6	97.9	98.2	98.3	99.3	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1828

ALLIED/ERNY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES*CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) DEC (MONTH)

1800-2000 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.0	47.9	47.9	47.9	48.3	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	61.2	63.8	63.9	64.0	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 18000	61.3	63.8	64.0	64.0	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7
≥ 16000	61.3	63.9	64.0	64.1	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	62.6	65.3	65.4	65.4	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1
≥ 12000	63.6	66.2	66.3	66.4	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1
≥ 10000	65.3	68.1	68.3	68.3	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	65.8	68.6	68.8	68.8	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6
≥ 8000	66.9	69.8	69.9	70.0	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	67.7	70.7	70.9	70.9	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	69.2	72.3	72.4	72.4	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
≥ 5000	70.0	73.3	73.4	73.5	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2
≥ 4500	70.9	74.1	74.3	74.3	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	72.3	75.9	76.0	76.1	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
≥ 3500	73.6	77.4	77.5	77.5	78.0	78.0	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4
≥ 3000	75.2	79.7	79.9	80.0	80.4	80.5	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2500	76.7	81.7	82.0	82.2	82.7	82.7	82.9	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	78.0	83.6	84.0	84.4	84.9	84.9	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4
≥ 1800	78.6	84.4	84.8	85.3	85.7	85.8	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	79.4	86.2	86.6	87.1	87.5	87.6	87.8	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	80.2	87.9	88.6	89.2	89.7	89.8	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4
≥ 1000	80.6	88.9	89.7	90.4	91.2	91.2	91.6	91.7	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.1
≥ 900	80.8	89.5	90.4	91.2	91.9	92.0	92.4	92.5	92.5	92.6	92.9	92.9	92.9	93.0	93.0	93.0
≥ 800	80.9	90.0	90.9	91.8	92.6	92.7	93.1	93.3	93.3	93.3	93.6	93.6	93.7	93.7	93.7	93.7
≥ 700	80.9	90.2	91.2	92.2	93.0	93.1	93.5	93.7	93.7	93.7	94.0	94.0	94.1	94.1	94.1	94.1
≥ 600	81.1	90.8	92.0	93.1	94.1	94.2	94.7	94.9	94.9	95.2	95.6	95.6	95.7	95.8	95.8	95.8
≥ 500	81.2	91.3	92.7	94.1	95.1	95.2	95.9	96.2	96.2	96.6	97.0	97.0	97.1	97.2	97.2	97.2
≥ 400	81.2	91.6	93.0	94.4	95.5	95.8	96.7	97.0	97.0	97.7	98.1	98.1	98.2	98.2	98.2	98.3
≥ 300	81.2	91.7	93.2	94.5	95.6	95.9	96.9	97.2	97.2	97.9	98.3	98.3	98.4	98.5	98.5	98.6
≥ 200	81.2	91.7	93.2	94.6	95.8	96.1	97.2	97.6	97.7	98.4	98.9	98.9	99.0	99.0	99.1	99.2
≥ 100	81.2	91.7	93.3	94.7	95.9	96.2	97.3	97.7	97.7	98.5	99.0	99.0	99.1	99.2	99.3	99.5
≥ 0	81.2	91.7	93.3	94.7	95.9	96.2	97.3	97.7	97.7	98.5	99.0	99.0	99.1	99.2	99.4	100.

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150523

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-44,49-64 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.5	51.5	51.8	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.5	52.5
≥ 20000	62.0	64.7	65.3	65.4	65.5	65.5	65.8	65.8	65.8	65.9	65.9	65.9	66.1	66.1	66.2	66.2
≥ 18000	62.0	64.7	65.3	65.4	65.5	65.5	65.8	65.8	65.8	65.9	65.9	65.9	66.1	66.1	66.2	66.2
≥ 16000	62.0	64.8	65.3	65.4	65.6	65.6	65.9	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.3	66.3
≥ 14000	62.7	65.6	66.1	66.2	66.4	66.4	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	67.1	67.1
≥ 12000	63.2	66.2	66.7	66.8	66.9	66.9	67.2	67.2	67.2	67.4	67.4	67.4	67.6	67.6	67.7	67.7
≥ 10000	64.5	67.5	68.1	68.2	68.4	68.4	68.6	68.6	68.6	68.8	68.8	68.8	69.0	69.0	69.1	69.1
≥ 9000	64.7	67.8	68.4	68.5	68.6	68.6	68.9	68.9	68.9	69.1	69.1	69.1	69.3	69.3	69.4	69.4
≥ 8000	65.3	68.4	69.0	69.1	69.3	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.9	69.9	70.0	70.0
≥ 7000	65.9	69.2	69.8	69.9	70.1	70.1	70.3	70.3	70.3	70.5	70.5	70.5	70.7	70.7	70.8	70.8
≥ 6000	67.1	70.6	71.1	71.3	71.4	71.4	71.7	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.2	72.2
≥ 5000	68.1	71.6	72.3	72.4	72.6	72.6	72.8	72.8	72.8	73.0	73.0	73.0	73.2	73.2	73.3	73.3
≥ 4500	69.2	72.8	73.5	73.6	73.7	73.7	74.0	74.0	74.0	74.2	74.2	74.2	74.4	74.4	74.5	74.5
≥ 4000	70.4	74.6	75.2	75.3	75.5	75.5	75.8	75.8	75.8	75.9	75.9	75.9	76.1	76.1	76.2	76.2
≥ 3500	71.4	75.8	76.6	76.7	76.9	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.5	77.5	77.6	77.6
≥ 3000	72.6	77.2	78.0	78.2	78.3	78.3	78.6	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.1	79.1
≥ 2500	74.7	79.6	80.4	80.5	80.7	80.7	81.0	81.0	81.0	81.2	81.2	81.2	81.4	81.4	81.5	81.5
≥ 2000	76.3	81.7	82.5	82.7	82.9	82.9	83.1	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.6	83.6
≥ 1800	76.6	82.4	83.3	83.5	83.6	83.6	83.9	84.0	84.0	84.2	84.2	84.2	84.3	84.3	84.4	84.4
≥ 1500	77.2	83.6	84.8	84.9	85.3	85.3	85.6	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.1	86.1
≥ 1200	78.4	85.0	86.5	86.7	87.1	87.2	87.4	87.5	87.5	87.8	87.8	87.8	88.0	88.0	88.1	88.1
≥ 1000	78.7	85.9	87.5	87.8	88.2	88.3	88.6	88.7	88.7	88.9	89.0	89.0	89.2	89.2	89.4	89.4
≥ 900	78.9	86.5	88.2	88.5	89.0	89.0	89.3	89.4	89.4	89.6	89.8	89.8	90.0	90.0	90.1	90.1
≥ 800	79.0	87.4	89.2	89.8	90.3	90.3	90.6	90.8	90.8	91.1	91.2	91.2	91.4	91.4	91.5	91.5
≥ 700	79.2	88.3	90.2	90.8	91.5	91.5	91.9	92.1	92.1	92.3	92.4	92.4	92.6	92.6	92.8	92.8
≥ 600	79.5	88.9	91.1	92.1	92.9	93.0	93.4	93.7	93.7	93.9	94.2	94.2	94.5	94.5	94.6	94.6
≥ 500	79.8	89.6	91.9	92.9	93.7	93.8	94.4	94.7	94.7	95.0	95.2	95.2	95.5	95.5	95.6	95.6
≥ 400	79.9	90.3	92.5	93.5	94.4	94.5	95.4	95.8	95.8	96.1	96.3	96.3	96.6	96.6	96.8	96.8
≥ 300	79.9	90.4	92.7	93.8	94.7	94.9	95.9	96.3	96.3	96.7	96.9	96.9	97.2	97.2	97.4	97.4
≥ 200	79.9	90.5	92.8	93.9	94.9	95.1	96.2	96.7	96.7	97.2	97.5	97.5	97.8	97.8	98.1	98.1
≥ 100	79.9	90.5	92.8	94.0	95.0	95.2	96.5	97.0	97.0	97.5	97.8	97.8	98.4	98.4	98.9	99.0
≥ 0	79.9	90.5	92.8	94.0	95.0	95.2	96.5	97.0	97.0	97.5	97.8	97.8	98.4	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FEPT BUSINESS SYSTEMS
150523

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 some time 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

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 48-64 PERIOD | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	25.8	3.5	3.2	2.9	2.6	2.3	2.9	3.4	5.1	3.7	44.5	6.0	11840
FEB		27.7	3.9	3.6	3.4	2.9	2.2	2.8	3.6	5.5	3.9	40.6	5.7	10848
MAR		25.9	4.4	4.9	4.0	3.0	2.5	3.3	4.2	5.6	4.2	38.1	5.6	11903
APR		24.5	3.6	3.7	3.5	2.9	2.8	3.7	4.6	7.6	5.1	38.1	5.9	11520
MAY		19.1	4.9	5.6	5.1	5.1	4.2	5.3	6.3	9.0	5.4	30.0	5.7	11902
JUN		25.0	7.1	6.6	6.8	6.9	6.0	5.3	6.7	8.7	5.4	15.5	4.5	11511
JUL		26.1	8.2	8.4	8.5	7.3	6.1	4.5	6.8	7.9	5.3	10.9	4.0	11902
AUG		31.1	8.9	8.4	8.6	7.6	6.1	4.6	5.4	6.2	4.2	9.0	3.5	11903
SEP		36.5	6.9	6.5	6.3	5.0	4.3	3.4	4.4	5.7	4.5	16.5	3.8	11518
OCT		43.8	5.3	4.6	4.1	3.2	2.7	3.1	3.7	5.2	3.7	20.6	3.8	11902
NOV		38.1	4.9	3.8	3.3	2.7	2.4	2.4	3.6	5.4	4.2	29.2	4.6	11517
DEC		33.0	4.4	3.4	3.6	2.6	1.9	2.9	3.2	4.9	4.1	36.0	5.2	12427
TOTALS		29.7	5.5	5.2	5.0	4.3	3.6	3.7	4.6	6.4	4.5	27.4	4.9	140693

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	35.0	1.5	3.0	2.8	2.2	1.3	2.9	3.0	3.0	1.3	44.0	5.5	1487
	03-05	33.1	1.9	2.3	2.4	2.2	1.2	2.8	2.4	3.6	2.0	46.1	5.7	1488
	06-08	22.6	3.7	3.2	2.5	3.1	1.8	2.4	3.5	4.5	4.1	48.6	6.4	1488
	09-11	17.8	4.5	2.2	2.7	2.1	2.5	2.3	3.4	5.8	5.8	50.8	6.8	1488
	12-14	18.1	4.5	3.8	2.8	3.1	3.1	2.6	4.4	6.6	5.5	45.6	6.5	1488
	15-17	20.6	4.3	4.2	3.0	2.0	3.7	3.0	3.8	7.7	5.5	42.1	6.3	1479
	18-20	25.9	4.6	4.2	4.3	3.0	2.0	3.8	4.4	5.8	3.4	38.5	5.6	1461
	21-23	33.5	2.7	2.7	3.1	3.4	2.5	3.6	2.5	3.5	2.2	40.2	5.3	1461
TOTALS		25.8	3.5	3.2	2.9	2.6	2.3	2.9	3.4	5.1	3.7	44.5	6.0	11840

1210WS FORM JUL 64 0 9 5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	39.1	1.9	2.9	2.4	1.7	1.2	2.0	2.6	5.0	1.8	39.4	5.1	1356
	03-05	36.4	2.2	2.1	2.5	2.1	1.7	2.0	1.9	2.9	1.7	44.4	5.4	1356
	06-08	23.7	4.9	3.5	2.9	3.2	2.0	1.7	1.8	4.9	3.8	47.4	6.1	1356
	09-11	21.3	4.2	2.9	3.5	2.5	2.1	2.7	4.1	5.2	4.6	46.8	6.4	1356
	12-14	20.6	4.9	4.3	3.9	3.2	2.4	2.8	4.1	7.2	5.5	41.1	6.1	1356
	15-17	19.9	5.2	4.1	3.7	3.5	2.1	2.9	6.3	8.3	6.1	37.8	6.1	1356
	18-20	25.2	5.4	3.9	4.1	3.7	3.2	4.7	5.0	5.4	4.9	34.4	5.5	1356
	21-23	34.9	2.6	4.6	4.1	3.2	2.9	3.4	2.9	4.8	2.8	33.8	4.9	1356
TOTALS		27.7	3.9	3.6	3.4	2.9	2.2	2.8	3.6	5.5	3.9	40.6	5.7	10848

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	36.8	2.4	4.6	3.4	2.4	1.7	2.8	2.9	4.2	2.0	37.0	5.0	1487
	03-05	32.7	2.2	3.4	2.1	2.6	1.4	3.2	3.0	3.4	2.3	43.9	5.6	1488
	06-08	20.8	4.4	4.2	3.0	2.6	1.7	2.4	4.0	5.8	4.8	46.3	6.4	1488
	09-11	20.7	4.2	4.6	3.0	2.4	1.9	3.0	3.6	5.3	5.8	45.4	6.3	1488
	12-14	18.6	6.0	4.8	5.2	2.8	3.1	3.2	5.5	8.0	5.0	37.8	6.0	1488
	15-17	19.0	5.8	6.0	4.9	3.2	3.8	3.8	4.8	7.7	6.3	34.7	5.9	1488
	18-20	22.4	5.1	6.0	5.5	4.6	4.1	4.5	5.2	6.4	5.5	30.5	5.4	1488
	21-23	36.3	4.7	5.4	4.7	3.6	2.6	3.4	4.3	4.3	1.7	28.9	4.5	1488
TOTALS		25.9	4.4	4.9	4.0	3.0	2.5	3.3	4.2	5.6	4.2	38.1	5.6	11903

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	34.3	2.1	3.9	3.6	2.4	2.0	3.5	3.9	6.5	2.6	35.3	5.2	1440
	03-05	28.8	1.9	2.5	3.1	2.6	1.8	3.6	2.8	4.8	3.8	44.2	5.9	1440
	06-08	18.0	3.9	3.3	2.5	1.7	2.2	2.0	3.1	6.5	6.9	49.9	6.8	1440
	09-11	18.2	3.2	2.8	3.5	2.4	1.9	2.3	4.0	8.2	7.5	40.1	6.7	1440
	12-14	18.8	3.2	3.3	2.8	3.1	3.0	3.5	6.7	11.4	7.2	36.8	6.4	1440
	15-17	19.2	4.2	4.1	4.0	4.2	5.3	4.7	5.5	9.9	6.0	32.9	6.0	1440
	18-20	23.5	6.3	5.2	4.2	3.8	4.0	4.6	5.6	8.6	4.0	30.2	5.4	1440
	21-23	35.3	3.6	4.5	4.3	3.2	2.4	5.3	5.1	4.9	2.4	29.0	4.7	1440
TOTALS		24.5	3.6	3.7	3.5	2.9	2.8	3.7	4.6	7.6	5.1	36.1	5.9	11520

1210WS FORM 0-9 5 (Del 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 49-64 PERIOD | MAY 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		
MAY	00-02	32.7	3.2	5.6	5.4	4.3	2.4	4.8	4.3	5.3	2.5	29.4	4.8	1488
	03-05	21.7	3.1	5.3	3.6	4.0	2.7	5.4	4.6	7.7	3.4	38.6	6.0	1488
	06-08	13.0	3.0	4.0	3.4	3.5	3.4	3.8	5.5	11.3	7.6	41.5	6.9	1488
	09-11	13.0	4.4	3.4	4.4	5.4	4.0	4.9	7.5	12.2	7.5	33.3	6.5	1488
	12-14	11.7	5.4	5.4	5.0	5.0	6.4	5.9	7.9	12.0	6.8	28.4	6.2	1488
	15-17	12.4	6.3	6.4	6.3	6.7	6.9	6.3	8.0	9.5	7.3	23.8	5.7	1487
	18-20	17.1	8.6	8.9	6.3	6.2	4.7	5.0	7.4	8.2	4.7	22.9	5.1	1488
	21-23	31.1	5.2	6.3	6.3	5.4	3.5	6.4	4.7	5.4	3.4	22.4	4.4	1487
TOTALS		19.1	4.9	5.6	5.1	5.1	4.2	5.3	6.3	9.0	5.4	30.0	5.7	11902

1210WS FORM JUL 64 0 9 5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	48.2	5.3	5.6	5.0	4.6	2.4	4.0	3.8	4.2	2.1	15.0	3.1	1439
	03-05	29.5	6.5	8.1	6.4	4.7	4.2	4.3	3.8	8.4	3.8	20.5	4.4	1440
	06-08	15.0	6.9	5.4	5.8	5.9	5.6	5.4	7.4	10.6	9.0	23.1	5.7	1439
	09-11	13.1	6.5	4.8	6.5	7.0	8.7	7.1	8.8	11.9	8.5	17.2	5.5	1439
	12-14	10.8	5.3	5.1	6.7	9.5	10.4	8.2	12.1	12.8	6.0	13.3	5.5	1439
	15-17	12.6	7.6	6.3	9.2	12.4	10.3	6.6	7.9	9.9	6.3	11.0	4.9	1440
	18-20	24.0	12.2	10.4	9.6	5.9	4.0	4.2	5.8	6.9	5.5	11.5	3.9	1438
	21-23	47.2	6.4	7.2	5.3	4.9	2.7	3.0	3.8	4.9	2.4	12.4	3.0	1437
TOTALS		25.0	7.1	6.6	6.8	6.9	6.0	5.3	6.7	8.7	5.4	15.5	4.5	11511

1210WS FORM JUL 64 0 9-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (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	56.5	5.8	7.5	4.8	4.6	2.1	2.6	3.1	4.0	1.6	7.5	2.2	1488
	03-05	41.7	7.8	8.5	6.9	4.2	3.8	3.3	5.3	5.2	2.7	10.6	3.1	1488
	06-08	16.6	9.3	8.4	9.0	6.5	6.1	3.5	7.7	10.4	6.9	15.7	4.9	1487
	09-11	16.5	8.6	7.5	7.1	7.5	7.9	6.0	8.7	10.8	6.5	13.0	4.9	1488
	12-14	7.9	6.3	7.1	10.8	10.6	11.3	7.0	10.4	12.0	6.8	9.9	5.2	1488
	15-17	6.7	5.7	8.6	12.2	13.2	10.6	5.0	8.9	10.2	8.7	10.2	5.2	1487
	18-20	18.1	11.5	11.4	10.1	6.5	4.7	5.3	6.6	6.9	7.5	11.5	4.3	1488
	21-23	45.2	10.2	8.5	7.1	5.0	2.8	3.1	3.5	4.2	1.7	8.8	2.6	1488
TOTALS		26.1	8.2	8.4	8.5	7.3	6.1	4.5	6.8	7.9	5.3	10.9	4.0	11902

1210WS FORM JUL 64 0-9 5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	61.1	6.6	5.5	5.0	3.9	2.4	2.4	2.4	2.2	1.1	7.5	1.9	1488
	03-05	52.7	7.9	6.9	5.4	4.4	3.8	2.5	2.3	3.0	2.5	8.7	2.4	1488
	06-08	22.5	9.1	10.0	10.6	6.8	4.6	5.0	5.8	7.1	5.3	13.2	4.2	1488
	09-11	21.7	9.6	7.3	8.9	7.7	7.5	5.9	8.0	7.6	5.1	10.7	4.2	1487
	12-14	11.8	7.6	9.7	9.8	12.7	9.5	7.9	6.9	9.7	6.3	8.1	4.7	1488
	15-17	8.9	8.6	9.5	12.4	13.4	11.2	5.3	8.7	8.6	6.2	7.2	4.6	1488
	18-20	19.4	14.4	11.0	9.0	7.3	6.3	4.4	6.8	8.3	5.0	8.1	3.9	1488
	21-23	50.6	7.5	7.4	7.8	4.5	3.0	3.4	2.5	3.0	2.0	8.4	2.4	1488
TOTALS		31.1	8.9	8.4	8.6	7.6	6.1	4.6	5.4	6.2	4.2	9.0	3.5	11903

1210WS FORM JUL 64 0 9 5 (Det 50) PREVIOUS EDITIONS OF TH S FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	56.4	4.7	4.3	3.4	2.8	1.8	2.1	2.4	3.6	1.9	16.5	2.8	1439
	03-05	52.5	4.2	4.0	3.7	2.1	1.9	1.9	2.4	4.3	2.7	20.3	3.3	1440
	06-08	29.6	8.6	7.2	5.5	3.5	3.1	2.9	5.1	6.5	4.1	23.9	4.5	1439
	09-11	27.1	7.2	5.6	6.7	4.7	4.9	4.7	5.5	8.0	6.5	19.2	4.6	1440
	12-14	17.8	7.1	6.3	9.4	9.0	8.7	5.8	7.4	7.8	5.8	14.7	4.8	1440
	15-17	19.7	6.8	9.7	9.5	10.1	7.8	4.5	5.8	7.2	6.9	12.0	4.4	1440
	18-20	34.7	10.1	8.5	8.2	5.1	4.0	2.7	3.8	5.5	5.3	12.0	3.5	1440
	21-23	54.6	6.0	6.6	4.3	3.0	2.1	2.2	2.8	3.0	2.2	13.1	2.6	1440
TOTALS		36.5	6.9	6.5	6.3	5.0	4.3	3.4	4.4	5.7	4.5	16.5	3.8	11518

1210WS FORM JUL 64 0 9 5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	56.4	4.0	2.6	3.9	2.4	1.6	2.7	2.0	3.6	1.7	19.1	3.[illegible]	1487
	03-05	53.9	3.1	3.0	3.8	2.5	1.7	2.6	2.2	3.1	1.3	22.8	3.3	1488
	06-08	37.1	5.1	5.3	3.6	3.2	1.9	3.0	4.7	4.8	4.0	27.2	4.5	1488
	09-11	35.9	6.0	4.7	3.9	2.7	2.2	3.6	4.2	5.7	5.0	26.2	4.5	1488
	12-14	33.3	4.8	5.6	5.0	3.2	4.1	3.2	5.6	9.8	6.5	18.9	4.5	1488
	15-17	33.5	6.6	6.7	5.7	4.4	4.8	3.4	4.3	6.3	6.3	18.1	4.2	1488
	18-20	44.4	7.9	5.0	3.2	4.1	2.7	3.4	4.2	5.5	3.4	16.1	3.4	1488
	21-23	55.7	5.2	4.1	3.5	3.0	2.4	3.0	2.2	3.0	1.4	16.6	2.8	1487
TOTALS		43.8	5.3	4.6	4.1	3.2	2.7	3.1	3.7	5.2	3.7	20.6	3.8	11902

1210WS FORM JUL 64 0-9-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 49-64 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	47.4	3.1	2.6	2.8	2.6	2.0	1.9	2.5	4.0	2.5	28.5	4.1	1440
	03-05	46.9	2.3	2.9	2.6	2.6	1.1	2.0	2.4	3.3	2.9	30.9	4.2	439
	06-08	32.1	6.9	3.6	2.6	2.5	2.4	1.7	4.0	6.3	5.0	32.8	5.1	440
	09-11	31.2	5.0	3.7	3.6	1.9	2.1	1.7	3.5	7.2	6.0	34.1	5.3	440
	12-14	30.3	6.3	3.9	3.7	3.1	2.8	2.3	4.6	6.7	7.4	28.9	5.1	1439
	15-17	31.8	5.5	5.1	4.2	2.3	4.2	3.0	4.0	7.5	5.1	27.4	4.8	1440
	18-20	38.9	6.5	4.8	3.9	3.9	2.3	3.0	4.0	4.5	2.8	25.6	4.2	1440
	21-23	46.1	3.5	3.7	3.1	2.7	2.6	3.9	3.6	3.5	1.9	25.2	3.9	1439
TOTALS		38.1	4.9	3.8	3.3	2.7	2.4	2.4	3.6	5.4	4.2	29.2	4.6	11517

1210WS FORM JUL 64 0 9-5 (Dot 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 48-64 (PERIOD) DEC (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		
DEC	00-02	43.8	3.0	3.2	2.7	2.2	1.9	2.2	1.8	3.4	1.6	34.1	4.4	1581
	03-05	43.7	2.7	2.7	2.7	1.8	1.4	1.8	2.2	3.0	1.6	36.5	4.6	1580
	06-08	28.5	5.1	3.9	3.4	2.5	1.8	2.2	3.4	5.1	3.4	41.0	5.6	1581
	09-11	23.1	5.1	3.2	4.2	2.3	2.3	2.5	3.8	6.6	5.4	41.4	6.0	1580
	12-14	23.8	5.1	3.4	3.7	3.5	2.0	3.5	4.3	6.2	7.8	34.6	5.8	1580
	15-17	24.8	5.0	4.6	4.1	3.0	1.9	2.8	4.6	6.9	7.3	34.8	5.7	1549
	18-20	33.9	5.9	3.1	4.4	3.0	1.7	4.8	3.6	4.4	3.2	32.1	4.8	1488
	21-23	43.2	3.7	3.0	3.6	2.6	1.9	3.2	2.1	3.6	2.3	30.9	4.3	1488
TOTALS		33.3	4.4	3.4	3.6	2.6	1.9	2.9	3.2	4.9	4.1	36.0	5.2	12427

1210WS FORM JUL 64 0-9-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PART E PSYCHROMETRIC SUMMARIES

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

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

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

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

observations used in the computations for each element is also shown.

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

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Record for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

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

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

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

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

DAILY TEMPERATURES

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-45,48-64 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 105							1.2	2.4	.2				.3
≥ 100						2.1	17.0	27.7	3.0				4.2
≥ 95				.4	2.3	31.8	66.7	67.2	24.4	1.4			16.4
≥ 90	.2	.2	.5	3.2	24.5	73.3	90.3	88.1	56.5	12.4			29.4
≥ 85	.3	1.7	3.7	16.5	58.3	91.4	96.8	97.4	78.6	32.6	3.1	.2	40.5
≥ 80	1.7	4.5	16.0	43.9	79.7	96.8	99.1	99.0	91.6	58.2	15.7	1.7	51.2
≥ 75	7.9	16.2	32.1	65.3	91.6	98.6	99.8	100.0	97.0	77.4	30.0	7.7	60.8
≥ 70	22.9	31.8	51.8	81.0	96.9	99.5	100.0		99.5	87.4	48.7	21.3	70.4
≥ 65	31.7	49.2	70.5	91.9	99.0	100.0			99.6	94.9	64.3	34.9	78.2
≥ 60	46.6	62.2	81.3	97.4	99.7				100.0	98.8	76.8	50.8	84.6
≥ 55	61.0	73.6	89.5	99.3	100.0					99.7	87.8	68.2	90.4
≥ 50	73.4	84.9	95.4	99.8						100.0	93.3	80.9	94.0
≥ 45	82.4	92.5	97.6								97.4	90.1	96.7
≥ 40	89.5	96.5	98.8	100.0							99.4	96.1	98.3
≥ 35	93.8	99.1	99.8								100.0	98.3	99.2
≥ 30	97.1	99.6	100.0									99.8	99.7
≥ 25	99.0	99.8										100.0	99.9
≥ 20	99.5	100.0											99.9
≥ 15	100.0												100.0
MEAN	57.3	62.5	68.9	76.9	84.6	91.6	95.5	96.1	89.4	80.1	67.8	59.5	77.7
SD	13.398	11.787	10.495	8.165	6.754	5.223	4.826	5.210	6.681	8.186	10.900	11.000	16.216
TOTAL OBS	580	537	589	570	607	576	589	589	570	589	540	588	6918

1210 WS FORM JUL 64 0 21 5 (Dec 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

DAILY TEMPERATURES

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-45,48-64 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80							2.9	3.2	.7				.6
75					1.8	26.8	56.5	54.8	10.4	1.5	.2		12.8
70			.5	2.8	24.3	73.9	96.3	88.8	48.1	10.0	1.1		29.1
65	.7	.2	3.1	18.2	53.8	95.6	100.0	98.0	73.2	22.9	5.2	.7	39.7
60	3.3	5.9	11.5	41.1	82.7	99.5		99.8	89.5	45.0	10.6	3.1	49.7
55	7.6	11.2	22.6	58.9	91.9	100.0		100.0	97.5	65.0	22.4	6.6	57.5
50	13.3	22.0	41.4	76.3	98.0				99.6	83.2	34.8	12.8	65.6
45	22.8	37.2	58.7	89.1	99.5				99.8	93.5	53.1	25.7	73.6
40	41.2	58.5	77.8	96.8	100.0				100.0	98.3	73.9	46.4	82.9
35	58.3	78.2	89.0	99.5						100.0	90.6	70.2	90.6
30	78.4	91.1	97.3	100.0							97.0	87.1	95.9
25	89.4	97.0	99.1								99.6	95.7	98.8
20	93.8	99.2	99.8								100.0	99.1	99.3
15	97.9	99.4										99.7	99.7
10	99.1	99.6	100.0									1 C.	99.8
5	99.7	100.0											99.9
5-	99.8												99.9
10-	100.0												100.0
MEAN	37.1	41.8	47.0	56.1	64.6	71.7	74.8	74.2	68.0	57.9	46.4	39.3	56.7
S D	11.359	9.679	9.697	8.493	6.280	3.893	2.698	3.693	6.093	8.570	9.900	9.245	15.571
TOTAL OBS	580	537	589	570	606	570	589	589	570	589	540	508	6917

1210 WS FORM JUL 64 0 21 5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

DAILY TEMPERATURES

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,48-64 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95							.2	.2					.1
90						.4	8.5	14.6	1.1				2.1
85					1.3	27.4	64.0	62.8	13.0	.3			14.3
80				1.1	22.1	75.3	94.4	91.7	52.1	8.3	.2		29.1
75	.2	.2	2.2	15.3	59.6	94.0	99.1	98.3	78.1	23.6	3.5	.2	39.6
70	1.6	2.2	11.4	40.9	83.2	98.6	100.0	100.0	92.6	52.5	10.9	1.0	50.1
65	6.7	11.5	26.1	63.3	93.4	99.6			98.6	73.8	22.4	5.3	58.9
60	14.7	23.8	45.3	81.4	98.2	100.0			99.5	88.3	38.1	13.8	67.4
55	25.7	44.5	66.2	92.3	99.7				100.0	96.3	61.5	28.3	76.5
50	44.5	61.4	82.5	98.8	100.0					99.3	79.4	49.4	84.7
45	61.4	78.2	91.7	99.8						99.8	91.3	71.4	91.2
40	78.1	90.1	97.3							100.0	96.3	88.1	95.8
35	86.2	96.1	98.8	100.0							99.4	94.7	97.9
30	93.3	98.9	99.8								100.0	98.6	99.2
25	97.1	99.4	100.0									99.5	99.6
20	98.6	99.8										100.0	99.8
15	99.5	100.0											99.9
10	99.8												99.9
5	100.0												99.9
MEAN	47.3	52.3	58.1	66.7	74.8	81.8	85.3	85.3	78.9	69.1	57.2	49.5	67.3
S D	11.450	9.787	9.327	7.563	5.921	4.194	3.445	4.120	5.711	7.576	9.469	9.060	15.506
TOTAL OBS	580	537	589	570	606	570	589	589	570	589	540	587	6916

1210 WS FORM JUL 64 0 21 5 (Dot 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT	NOV.	DEC	ALL MONTHS
42						96	100	101	94	88	84	78	
43	90	81	84	90	95	102	105	104	97	86	84	78	105
44	74	77	80	89	89	98	105	102	99	93	84	73	105
45	77	83	85	88	95	96	98	103	98	85			
49		75	79	88	99	97	103	102	101	91	89	83	
50	83	86	87	88	93	97	98	101	97	91	86	80	101
51	79	79	88	91	96	96	105	107	105	95	88	83	107
52	81	79	87	84	92	97	100	105	101	93	84	77	105
53	79	80	82	90	94	101	100	105	103	94	77	76	105
54	78	90	90	92	93	100	109	105	101	95	81	85	109
55	76	75	93	93	93	96	100	102	96	93	89	79	102
56	84	83	92	89	99	101	103	104	104	96	83	80	104
57	78	85	79	86	92	98	107	103	100	88	81	77	107
58	72	73	74	91	99	97	101	105	96	90	83	84	105
59	77	87	88	88	97	100	98	101	97	91	82	75	101
60	74	88	85	92	92	102	104	98	98	92	85	75	104
61	73	76	86	90	93	93	92	101	97	86	83	75	101
62	78	87	80	86	93	94	101	107	97	91	81	73	107
63	80	85	84	98	94	99	103	102	100	95	87	68	103
64	75	66	75	86	91								
MEAN	78.2	80.8	84.1	89.4	94.2	97.9	101.7	103.1	99.0	91.2	83.9	77.7	104.4
S D	4.387	6.134	5.290	3.150	2.794	2.580	3.888	2.297	2.944	3.326	3.096	4.376	2.394
TOTAL OBS	558	537	589	570	589	570	589	589	570	589	540	558	6848

1210 WS FORM JUL 64 0-88-5 (Det 50)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-45,49-64 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42						62	68	70	41	44	32	29	
43	8	26	14	46	56	70	65	72	55	36	32	19	8
44	9	25	32	41	48	66	68	64	58	43	31	27	9
45	29	30	36	34	46	62	66	68	50	35			
49		7	34	40	56	65	70	63	54	41	34	25	
50	22	32	27	38	56	58	66	64	59	51	20	13	13
51	15	7	27	38	52	61	72	75	55	45	26	20	7
52	31	31	32	40	48	66	66	69	57	37	33	26	26
53	22	29	36	39	48	69	68	64	57	43	34	20	20
54	18	29	27	36	44	58	73	71	58	42	37	32	18
55	28	22	25	47	61	58	71	67	64	39	27	21	21
56	22	25	31	41	57	63	72	66	59	47	30	29	22
57	19	38	30	35	51	66	73	68	55	35	32	25	19
58	26	23	34	43	52	60	71	68	58	46	27	20	20
59	12	28	33	37	57	66	70	68	57	41	24	30	12
60	24	21	24	42	46	65	72	69	58	45	30	25	21
61	18	31	37	36	51	61	67	59	53	43	36	23	18
62	11	24	22	34	43	64	68	66	55	43	34	20	11
63	10	22	30	44	52	67	67	67	49	49	34	14	10
64	9	27	30	33	50								
MEAN	18.5	25.1	29.5	39.2	51.3	63.5	69.1	67.3	55.4	42.5	30.7	23.2	15.9
S D	7.493	7.630	5.651	4.072	4.942	3.611	2.622	3.603	4.833	4.611	4.417	5.316	5.807
TOTAL OBS	558	537	589	570	589	570	589	589	570	589	540	558	6848

1210 WS FORM JUL 64 0 88 5 (Del 50)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-45,48-64 YEARS — ALL 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	Wet Bulb	Dew Point
110/109																																.0	2	2		
108/107																													.0	.0	.0	10	10		
106/105																											.0	.0	.0	.0	.0	43	43		
104/103																									.0	.0	.0	.0	.0	.0	.0	173	173		
102/101																			.0			.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	431	431		
100/ 99																			.0	.0		.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	968	968		
98/ 97																	.0		.0	.1		.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	1741	1741		
96/ 95									.0		.0		.0		.0		.1		.2	.5		.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	2622	2623		
94/ 93									.0		.0		.0		.0		.3		.6	.5		.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	3088	3089		
92/ 91							.0		.0		.0		.0		.2		.6		.5	.3		.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3487	3487		
90/ 89							.0		.0		.0		.2		.7		.7		.5	.2		.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4419	4420		
88/ 87					.0				.0		.2		.6		.7		.5		.3	.2		.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4638	4639		
86/ 85					.0		.0		.2		.6		.8		.6		.3		.2	.1		.1	.0	.0	.0	.0	.0	.0	.0			5294	5295	5	1
84/ 83			.0		.0		.1		.5		1.0		.7		.4		.3		.2	.1		.1	.1	.0	.0	.0	.0	.0				5779	5779	14	1
82/ 81		.0		.0		.1		.5		.9		.8		.5		.3		.2	.2	.1		.1	.0	.0	.0	.0	.0	.0				6529	6529	62	10
80/ 79			.0		.5		1.2		1.0		.7		.4		.3		.2		.2	.1		.1	.0	.0	.0	.0						8009	8009	712	24
78/ 77		.0		.4		1.2		1.2		.8		.5		.3		.2		.2	.1	.1		.1	.0	.0								8761	8762	4419	220
76/ 75		.0		1.0		1.3		1.0		.6		.5		.3		.2		.2	.1	.1		.1	.0	.0								9302	9303	13018	1535
74/ 73		.1		.9		1.2		.8		.5		.4		.2		.2		.2	.2	.1		.1	.0									8109	8112	16342	6398
72/ 71		.1		.8		1.1		.7		.5		.3		.3		.2		.2	.2	.1		.0	.0									7446	7449	13693	11372
70/ 69		.1		.9		1.1		.7		.4		.3		.2		.2		.2	.1	.1		.0	.0									7267	7273	11510	13255
68/ 67		.1		.9		.9		.5		.4		.3		.2		.2		.2	.1	.1		.0	.0									6713	6717	9472	13002
66/ 65		.2		1.1		.8		.4		.3		.3		.2		.3		.2	.1	.0		.0										6605	6618	9033	12094
64/ 63		.2		.8		.6		.4		.3		.3		.3		.2		.2	.1	.0												5574	5582	7794	10666
62/ 61		.2		.8		.5		.4		.3		.3		.3		.2		.1	.0	.0												5400	5417	6557	8722
60/ 59		.2		.8		.5		.4		.4		.4		.3		.2		.1	.0													5398	5414	6432	7370
58/ 57		.2		.6		.5		.4		.3		.3		.3		.2		.1	.0													4970	4977	5650	6173
56/ 55		.2		.7		.5		.4		.4		.4		.2		.1		.0														5103	5124	5595	5561
54/ 53		.2		.6		.5		.4		.4		.3		.2		.1		.0														4697	4713	5634	5048
52/ 51		.2		.7		.5		.5		.4		.3		.2		.0		.0														4626	4633	5851	4869
50/ 49		.2		.6		.6		.6		.4		.3		.1		.0																4769	4775	5720	4933
48/ 47		.2		.6		.6		.5		.4		.2		.0		.0		.0														4193	4203	5628	4598
46/ 45		.2		.7		.6		.6		.3		.1		.0		.0																4254	4259	5780	4720
44/ 43		.2		.6		.6		.4		.2		.1		.0																		3694	3707	5522	4753

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

FORM 1210 WS JUL 64 0 26 5 (Dec 30) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
EtAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-45,48-64 YEARS — ALL 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	Wet Bulb	Dew Point
42/ 41	.2	.5	.6	.4	.2	.0	.0																3196	3201	4835	4996
40/ 39	.2	.5	.6	.3	.1	.0																	3067	3079	4734	5129
38/ 37	.1	.5	.5	.3	.1	.0																	2429	2440	3759	4985
36/ 35	.1	.5	.4	.2	.0	.0																	2154	2159	3340	4741
34/ 33	.1	.4	.3	.1	.0																		1620	1622	2607	4568
32/ 31	.1	.3	.2	.1	.0	.0																	1257	1262	2220	4380
30/ 29	.1	.2	.1	.1	.0																		884	885	1539	3512
28/ 27	.0	.2	.1	.0	.0																		626	632	1043	2944
26/ 25	.0	.1	.1	.0	.0																		455	461	726	2094
24/ 23	.0	.1	.1	.0																			324	324	482	1915
22/ 21	.0	.1	.0	.0																			193	193	377	1467
20/ 19	.0	.1	.0	.0																			144	144	239	1172
18/ 17	.0	.0	.0																				166	166	190	821
16/ 15	.0	.0	.0																				90	90	131	614
14/ 13	.0	.0	.0																				47	47	84	403
12/ 11	.0	.0	.0																				30	30	55	309
10/ 9	.0	.0	.0																				21	21	32	199
8/ 7	.0	.0																					6	6	14	211
6/ 5		.0																					1	1		166
4/ 3																									1	116
2/ 1	.0	.0																					2	2	1	86
0/- 1	.0																						1	1	2	34
-2/- 3	.0																						1	1	1	23
-4/- 5	.0																						4	4	4	31
-6/- 7	.0																						4	4	4	16
-8/- 9																										13
-10/-11																										19
-12/-13																										3
-16/-17																										1
-58/-59																										1
TOTAL	3.6	17.1	17.2	13.7	10.5	8.7	7.0	5.9	4.9	3.8	2.9	2.0	1.3	.7	.3	.1	.1						171051 170836		170844 170843	

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	816020203	11284391	66.1	20.338	170841							
Dry Bulb	817755743	11456827	66.9	17.163	171051	.5	219.0	4860.9	3762.2	2228.8	465.3	8760.0
Wet Bulb	630850504	10101026	59.1	14.030	170843	.6	365.1	3548.6	1771.7	15.2		8760.0
Dew Point	535287814	9177086	53.7	15.740	170844	7.2	1081.3	2348.0	419.7	1.0		8760.0

FORM 1210 WS JUL 64 0 26 5 (Oct 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | JAN 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
90/ 89																			.0				2	2		
88/ 87																		.0			.0		4	4		
84/ 83																.0	.0	.0					6	6		
82/ 81								.0	.0								.0				.0		10	10		
80/ 79							.0	.1	.0			.0	.0	.0	.0	.0	.0	.0					29	29		
78/ 77						.1	.1	.1	.0	.0		.0	.0	.0	.0	.0	.0	.0					63	63		
76/ 75				.0	.1	.1	.0	.0	.0			.0	.0	.0	.0	.0	.0						65	65		
74/ 73			.0	.2	.2	.1	.1	.0	.0			.0	.0	.0	.0								115	115		
72/ 71		.0	.2	.3	.2	.2	.1	.1	.1			.1	.1	.0									215	215		
70/ 69		.3	.7	.3	.2	.2	.1	.1	.1			.2	.1										313	313	37	
68/ 67	.1	.8	.5	.3	.2	.2	.2	.1	.1			.1	.0										365	365	210	59
66/ 65	.2	.9	.5	.3	.2	.1	.1	.2	.2			.0	.0										394	394	370	199
64/ 63	.3	.6	.4	.3	.2	.2	.3	.3	.1			.0	.0										400	400	306	379
62/ 61	.3	.9	.4	.2	.3	.3	.4	.2	.2			.0	.0										454	454	337	261
60/ 59	.3	1.0	.4	.4	.4	.6	.4	.3	.1			.0											559	559	404	341
58/ 57	.2	.9	.4	.5	.4	.4	.4	.3	.1			.0											512	512	368	328
56/ 55	.4	1.1	.7	.4	.4	.6	.4	.2	.0														604	604	407	324
54/ 53	.4	1.0	.8	.6	.6	.5	.4	.1	.0														615	615	514	367
52/ 51	.5	1.2	.7	.9	.7	.4	.3	.1	.0														683	683	663	353
50/ 49	.7	1.3	1.2	1.0	.9	.5	.2	.0															811	811	668	466
48/ 47	.6	1.1	1.2	1.1	.8	.4	.2	.0															749	749	737	480
46/ 45	.6	1.6	1.3	1.1	.7	.3	.1																785	787	861	530
44/ 43	.7	1.9	1.4	1.2	.5	.2	.1																825	833	933	580
42/ 41	.8	1.4	1.4	.9	.5	.1	.0																734	737	934	713
40/ 39	.9	1.5	1.6	.9	.4	.0																	743	745	926	805
38/ 37	.4	1.5	1.4	1.0	.3	.0																	643	650	814	706
36/ 35	.6	1.7	1.6	.8	.2	.0																	677	679	812	744
34/ 33	.8	1.7	1.4	.5	.0																		628	630	726	927
32/ 31	.6	1.4	.9	.2	.1	.0																	467	472	770	872
30/ 29	.3	1.2	.7	.2	.1																		352	353	581	759
28/ 27	.2	.9	.5	.2	.0																		259	265	393	648
26/ 25	.3	.9	.4	.1	.0																		243	249	278	663
24/ 23	.0	.8	.4	.1																			184	184	232	476
22/ 21	.0	.4	.2	.0																			103	103	194	418

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

FORM 0-26-5-Oct 50, REVISED PREVIOUS EDITION'S OF THIS FORM ARE OBSOLETE
JUL 54
1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | JAN MONTH

PAGE 2 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D B /W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
20/ 19	.1	.4	.2	.0																													111	111	136	349
18/ 17	.4	.4	.2																														147	147	158	245
16/ 15	.1	.3	.1																														69	69	107	228
14/ 13	.0	.2	.1																														38	38	63	191
12/ 11	.0	.1	.0																														22	22	46	130
10/ 9	.0	.0	.0																														12	12	20	79
8/ 7	.0	.0																															2	2	10	101
6/ 5		.0																															1	1		72
4/ 3																																			1	62
2/ 1	.0	.0																															2	2	1	63
0/- 1	.0																																1	1	2	22
- 2/- 3	.0																																1	1	1	20
- 4/- 5	.0																																4	4	4	28
- 6/- 7	.0																																4	4	4	15
- 8/- 9																																				10
-10/-11																																				19
-12/-13																																				3
-16/-17																																				-1
TOTAL	11.1	29.9	21.9	14.0	8.8	5.6	3.9	2.4	1.2	.6	.3	.1	.1	.0	.0	.0																	14025	14069	14018	14026

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	77598210	1003700	71.6	20.289	14026							
Dry Bulb	33313308	657266	46.7	13.619	14069	.5	107.9	62.8	15.5	1.7		744.0
Wet Bulb	27363738	595148	42.4	12.277	14028	.6	159.2	13.1				744.0
Dew Point	22026763	517523	36.9	14.458	14026	6.3	290.4	3.1				744.0

1210 WS FORM 0 26 5 (Dec 53) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | FEB MONTH

PAGE 1 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3	4	5-6	7-8	9-10	11	12	13-14	15-16	17	18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL D B /W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89																			.0	.0	2	2		
88/ 87																.0	.0		.0		6	6		
86/ 85											.0	.0				.0	.0	.0	.0		16	16		
84/ 83									.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			17	17		
82/ 81									.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			27	27		
80/ 79						.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0			46	46		
78/ 77						.0	.1	.0	.1	.1	.1	.1	.1	.0	.0						68	68		
76/ 75				.0	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0						152	152		
74/ 73				.0	.1	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0						175	175		
72/ 71			.0	.1	.5	.3	.2	.2	.2	.2	.2	.2	.2	.1							268	268	6	1
70/ 69			.1	.5	.5	.2	.3	.2	.1	.2	.2	.2	.0								319	319	42	1
68/ 67		.0	.4	.8	.4	.2	.2	.2	.3	.2	.2	.1									400	401	143	27
66/ 65		.2	1.3	.8	.5	.4	.3	.3	.4	.3	.2	.0									607	607	351	135
64/ 63		.2	1.3	.7	.3	.3	.3	.4	.4	.2	.0	.0									541	541	446	363
62/ 61		.5	1.1	.7	.5	.4	.6	.5	.4	.2	.1	.0									643	643	507	461
60/ 59		.4	1.4	.7	.7	.7	.6	.5	.4	.2	.0										715	716	481	397
58/ 57		.5	1.2	.7	.6	.5	.5	.5	.3	.1											629	630	591	443
56/ 55		.5	1.3	.6	.7	.7	.7	.5	.3	.0											698	702	582	439
54/ 53		.4	1.1	1.0	.7	.7	.7	.4	.1	.0											657	659	670	428
52/ 51		.6	1.3	.9	.8	.8	.6	.3	.1												703	703	768	506
50/ 49		.7	1.5	1.3	1.1	1.0	.6	.1	.0												807	807	848	514
48/ 47		.3	1.6	1.4	1.1	.9	.3	.1													745	745	776	516
46/ 45		.5	1.9	1.4	1.4	.7	.3	.0													802	802	928	631
44/ 43		.6	1.8	1.8	.9	.4	.2	.0													730	730	973	715
42/ 41		.4	1.4	1.3	.9	.4	.1	.0													578	578	861	679
40/ 39		.5	1.6	1.5	.7	.2	.0														600	600	897	781
38/ 37		.5	1.6	1.2	.6	.2	.0														529	529	701	812
36/ 35		.5	1.3	1.1	.4	.1															425	425	656	850
34/ 33		.3	1.1	.7	.1	.0															291	291	482	765
32/ 31		.2	1.0	.5	.1	.0															231	231	417	734
30/ 29		.2	.5	.3	.0	.0															135	135	275	631
28/ 27		.2	.6	.2	.0																127	127	171	557
26/ 25		.2	.3	.1	.0																79	79	131	420
24/ 23		.1	.2	.0																	41	41	67	301

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

FORM 1210 WS JUL 54 0 2o 5 (Oct 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 43-45,49-64 YEARS — FEB MONTH

PAGE 2 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5-6	7 8	9 10	11 12	13-14	15 16	17-18	19 20	21 22	23-24	25-26	27-28	29 30	31	TOTAL DB/WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21		.1	.0															18	18	36	218
20/ 19	.0	.1																8	8	26	165
18/ 17		.0																2	2	5	121
16/ 15	.0	.0																10	10	8	97
14/ 13	.0	.0																6	6	7	42
12/ 11	.0	.0																8	8	7	39
10/ 9	.1																	9	9	12	30
8/ 7	.0																	4	4	4	17
6/ 5																					16
4/ 3																					17
2/ 1																					4
0/- 1																					2
TOTAL	9.0	27.0	2C.5	13.7	9.8	6.9	4.7	3.3	2.1	1.3	.8	.4	.2	.1	.1	.0	.0	12883			12875
																		12874		12875	

Element (X)	ΣX	ΣX	$\bar{X}$	σ_x	No Obs	Mean No of Hours with Temperature < 0 F	< 32 F	< 67 F	> 73 F	> 80 F	> 93 F	Total
Rel Hum	69800077	908529	70.6	21.022	12875							
Dry Bulb	36275518	665242	51.6	12.222	12883		35.4	78.1	26.5	4.9		672.0
Wet Bulb	29282440	598838	46.5	10.537	12875		60.9	10.0				672.0
Dew Point	23630633	527625	41.0	12.490	12875	.1	178.0	1.5				672.0

FORM 1210 WS JUL 64 0-26 S (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (YEARS) MAR (MONTH)

PAGE 1 ALL (HOURS L S T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	31	TOTAL D B /W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93													.C					1	1		
92/ 91												.0						3	3		
90/ 89										.0	.0	.0		.0				10	10		
88/ 87									.0	.0	.0			.0		.0	.0	14	14		
86/ 85								.1	.0	.1	.1		.0	.0	.0	.0		38	38		
84/ 83							.0	.1	.1	.1	.1	.0	.0	.1	.0			79	79		
82/ 81						.1	.1	.2	.1	.1	.1	.1	.0	.1				133	133		
80/ 79				.0	.1	.3	.2	.2	.2	.2	.1	.2	.1	.0	.0			218	218		
78/ 77				.1	.4	.3	.2	.2	.1	.1	.2	.1	.1	.0				255	255		
76/ 75			.0	.3	.4	.4	.2	.2	.2	.3	.2	.1	.1					328	328		
74/ 73	.0	.0	.2	.6	.5	.3	.3	.2	.3	.3	.3	.3	.0					451	451	3	1
72/ 71		.2	.6	.6	.5	.4	.3	.2	.2	.3	.3	.3	.0					550	553	83	3
70/ 69	.0	.6	1.1	.8	.4	.4	.3	.4	.3	.3	.3	.1						695	700	313	49
68/ 67	.1	1.1	1.1	.7	.4	.5	.4	.5	.4	.3	.3	.1	.0					809	812	537	244
66/ 65	.2	1.4	1.0	.6	.5	.4	.4	.7	.4	.4	.1	.0						865	876	654	480
64/ 63	.2	1.3	.9	.4	.5	.5	.6	.5	.4	.2	.0							769	777	729	601
62/ 61	.3	1.4	.8	.5	.5	.6	.6	.5	.5	.1	.0							804	821	676	6 5
60/ 59	.4	1.2	.7	.7	.5	.8	.6	.5	.3	.0								797	811	742	618
58/ 57	.4	1.1	.8	.8	.8	.6	.5	.4	.2	.0								778	784	742	584
56/ 55	.2	1.2	1.0	.9	1.0	.8	.5	.3	.0									840	857	758	482
54/ 53	.3	1.1	.9	1.0	.9	.7	.5	.2	.0									787	801	873	551
52/ 51	.2	1.3	.9	1.0	.7	.6	.4	.1	.0									738	745	962	554
50/ 49	.2	1.0	1.1	1.3	.8	.7	.3	.0										752	758	996	637
48/ 47	.2	.7	1.2	1.0	.8	.4	.1		.0									597	607	989	577
46/ 45	.3	1.0	1.0	1.2	.7	.2	.1	.0										627	630	932	623
44/ 43	.2	.8	1.1	.8	.5	.1	.0											487	492	825	705
42/ 41	.1	.7	.9	.7	.3	.1	.0											393	395	739	792
40/ 39	.1	.6	.8	.5	.3	.1												324	333	689	743
38/ 37	.0	.5	.6	.4	.1	.0												240	244	490	697
36/ 35	.0	.5	.5	.3	.1	.0												178	181	396	718
34/ 33	.2	.6	.4	.2	.0													190	190	292	649
32/ 31	.1	.2	.2	.2	.0													95	95	233	605
30/ 29	.0	.2	.1	.1														62	62	133	518
28/ 27	.0	.1	.1	.0														31	31	80	457

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

FORM 1210 WS JU. 64 0-26 5 (Det SCI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION — WACO TEXAS/JAMES CONNALLY AF8 STATION NAME — 43-45,49-64 YEARS — MAR MONTH

PAGE 2 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D B /W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
26/ 25			.1		.1		.0																										21	21	49	442
24/ 23			.0		.0		.0																										12	12	31	296
22/ 21			.0		.0																												4	4	13	205
20/ 19					.0		.0																										3	3	10	140
18/ 17					.0																												3	3	7	109
16/ 15					.0																												3	3	4	78
14/ 13																																			5	55
12/ 11																																				29
10/ 9																																				23
8/ 7																																				16
6/ 5																																				21
4/ 3																																				4
2/ 1																																				9
0/- 1																																				2
- 2/- 3																																				1
- 4/- 5																																				1
- 8/- 9																																				1
TOTAL	3.9	18.9	18.3	15.6	11.6	9.2	6.6	5.2	3.8	2.7	2.2	1.3	.4	.2	.0	.0	.0																14131 13984		13985	

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	64886654	901282	64.4	22.055	13985							
Dry Bulb	49074306	815260	57.7	12.014	14131		12.3	189.3	80.6	19.7	.1	744.0
Wet Bulb	37657684	710814	50.8	10.457	13985		30.2	49.6	.2			744.0
Dew Point	29667312	615706	44.0	13.531	13985	.3	160.8	15.8	.1			744.0

FORM 0-26 S (Dec 50) REVISED PREV OUS EDITIONS OF THIS FORM ARE OBSOLETE
1210 WS JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 43-45,49-64 YEARS | APR MONTH

PAGE 1 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5-6	7-8	9-10	11-12	13	14	15	16	17-18	19-20	21	22	23-24	25	26-27	28	29-30	31	TOTAL DB/WB	TOTAL Dry Bulb	Wet Bulb	Dew Point
98/ 97																							.0	3	3		
96/ 95																				.0	.0	.0		4	4		
94/ 93														.0						.0	.0			5	5		
92/ 91													.0					.0		.0	.0		.0	10	10		
90/ 89									.0			.0		.0	.1	.1	.1	.1	.0	.0	.0	.0		53	53		
88/ 87									.0		.1	.1		.1	.1	.1	.1	.1	.0	.1	.1	.0		104	104		
86/ 85								.0	.2		.3	.2		.2	.2	.1	.1	.1	.0	.1	.0			186	186		
84/ 83						.0	.0	.2	.4		.5	.4		.4	.2	.2	.2	.2	.1	.1				349	349		
82/ 81						.1	.2	.5	.6		.5	.4		.3	.2	.1	.1	.1	.1	.1				425	425		
80/ 79				.0		.2	.5	.7	.8		.5	.4		.2	.2	.2	.1							532	532		
78/ 77				.1		.4	.9	.7	.6		.4	.3		.2	.3	.2	.0							558	558	4	
76/ 75			.1	.3		1.1	.9	.8	.6		.4	.4		.3	.3	.2	.0							737	737	31	2
74/ 73	.0	.2	.9		1.4	.9	.8	.4		.4	.4		.3	.3	.1	.0								850	850	188	17
72/ 71	.0	.9		1.5	1.5	.9	.5	.5		.4	.4		.3	.2	.0	.0								969	969	450	68
70/ 69	.1	1.8	2.3		1.5	.7	.5	.4		.5	.4		.3	.1										1175	1176	1009	380
68/ 67	.3	1.8	2.1		1.1	.6	.4	.4		.4	.4		.5	.2	.1									1068	1068	1265	747
66/ 65	.4	2.1	1.6		.8	.4	.6	.5		.5	.3		.1	.1										1023	1023	1403	1176
64/ 63	.3	1.6	1.5		.6	.4	.6	.6		.4	.3		.1	.0										886	886	1239	1157
62/ 61	.3	1.9	.0		.7	.6	.5	.5		.3	.1		.1	.0										834	834	1006	1117
60/ 59	.5	1.3	.9		.7	.7	.7	.4		.3	.1		.0											780	780	1096	1124
58/ 57	.1	.9	.9		.8	.7	.5	.3		.1	.0													609	609	786	899
56/ 55	.2	1.1	.9		.7	.6	.5	.2		.1	.0													597	597	852	657
54/ 53	.3	.8	.7		.6	.7	.4	.1		.0														483	483	873	672
52/ 51	.1	.8	.7		.6	.4	.2	.1		.0														408	408	803	639
50/ 49	.1	.5	.8		.6	.3	.1	.1																348	348	661	611
48/ 47	.0	.4	.6		.4	.2	.1	.0																242	242	593	564
46/ 45	.0	.4	.3		.3	.1	.0																	155	155	505	574
44/ 43		.2	.4		.1	.1	.0																	110	110	354	547
42/ 41		.2	.3		.1	.1			.0															90	90	209	557
40/ 39	.0	.1	.1		.1	.0																		41	42	176	505
38/ 37	.0	.1	.1		.0	.0																		23	23	82	456
36/ 35	.0	.1			.0																			15	15	51	370
34/ 33		.0	.0																					3	3	30	294
32/ 31																										9	259

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

FORM 0-26-5 (Oct 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAF WS 1210

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 43-45,49-64 YEARS — APR MONTH

PAGE 2 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	TOTAL D B /W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
30/ 29				3	130
28/ 27					89
26/ 25					77
24/ 23					51
22/ 21					34
20/ 19					20
18/ 17					18
16/ 15					5
14/ 13					5
12/ 11					3
6/ 5					1
TOTAL	2.9 17.2 18.0 14.5 11.0 9.5 7.9 6.1 4.9 3.0 2.2 1.4 .8 .4 .1 .1 .1	13675	13677	13675	

OK

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	66404412	909214	66.5	20.866	13675							
Dry Bulb	614F2017	905999	66.2	10.284	13677			370.1	200.9	74.7	.6	720.0
Wet Bulb	48 39880	803450	58.8	8.698	13675		.6	155.2	11.7			720.0
Dew Point	40480658	727198	53.2	11.506	13675		36.4	65.0	1.0			720.0

FORM 1210 WS JUL 64 0 26 5 (Det 50) REVISED PREVIOUS EDITION - OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | MAY MONTH

PAGE 1 ALL HOURS L S T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 - 8	9 - 10	11 - 12	13	14	15 - 16	17 - 18	19	20	21 - 22	23	24	25 - 26	27 - 28	29 - 30	31	TOTAL D B /W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
100/ 99														.0	.0				.0	.0	5	5		
98/ 97													.0	.1	.0						14	14		
96/ 95											.0	.1	.1	.0		.0	.0				25	25		
94/ 93										.1	.2	.2	.1	.0	.0	.1	.0				95	95		
92/ 91							.0	.1	.4	.5	.3	.1	.0	.1	.0				.0		228	228		
90/ 89					.0	.0	.1	.5	.8	.7	.5	.2	.1	.1	.0	.0					462	462		
88/ 87					.0	.1	.5	.9	1.0	.8	.4	.2	.1	.0	.0						608	608		
86/ 85				.0	.1	.4	1.0	1.2	1.0	.7	.4	.2	.1	.0	.0						737	737		
84/ 83			.0	.0	.3	.8	1.3	1.2	.9	.5	.1	.2	.1	.0							800	800		
82/ 81			.0	.3	.8	1.6	1.2	.9	.6	.3	.2	.0	.0								871	871	2	
80/ 79			.2	.7	1.7	1.5	1.1	.8	.4	.2	.1	.1	.0								1004	1004	21	1
78/ 77		.1	.8	1.5	1.7	1.2	.9	.5	.3	.1	.1	.1									1050	1050	136	10
76/ 75	.0	.4	2.1	2.3	1.5	1.1	.5	.4	.2	.1	.1	.0									1271	1271	588	55
74/ 73	.0	1.0	2.8	2.0	1.2	.7	.4	.2	.2	.1	.0	.0	.0								1249	1249	1204	177
72/ 71	.1	1.5	2.6	1.7	1.0	.6	.3	.1	.1	.1	.0										1202	1202	1952	703
70/ 69	.2	2.0	2.5	1.5	.7	.4	.2	.2	.1	.0											1161	1161	2267	1495
68/ 67	.2	2.2	2.0	1.0	.6	.3	.2	.1	.0	.0											972	972	1979	1956
66/ 65	.4	2.3	1.6	.8	.4	.4	.2	.0	.0												902	903	1796	1926
64/ 63	.4	1.6	1.0	.7	.3	.2	.1	.0	.0												628	628	1335	1897
62/ 61	.3	1.1	.6	.3	.3	.1	.1	.0													414	414	996	1469
60/ 59	.1	.5	.5	.3	.2	.1	.1														258	258	694	1157
58/ 57	.1	.3	.4	.3	.1	.1	.0														201	201	467	872
56/ 55	.1	.3	.4	.2	.1	.0	.0														151	151	374	665
54/ 53	.1	.1	.3	.2	.1																106	106	273	468
52/ 51	.1	.2	.2	.1	.0	.0															78	78	202	357
50/ 49	.0	.1	.1	.1	.0																37	37	114	350
48/ 47			.0	.0	.0																11	11	88	283
46/ 45		.0	.0	.0																	8	8	30	163
44/ 43		.0	.0																		3	3	20	118
42/ 41																							9	98
40/ 39																							4	77
38/ 37																								51
36/ 35																								43
34/ 33																								24

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

FORM 0 26-5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | MAY MONTH

PAGE 2 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5-6	7	8	9	10	11	12	13-14	15	16	17	18	19	20	21-22	23	24	25	26	27	28	29	30	31	TOTAL DB/WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31																																12
30/ 29																																4
28/ 27																																1
20/ 19																																1
TOTAL	2.	2	1	3	1	8	1	8	3	1	4	0	1	1	2	9.	6	8.	3	7.	3	6.	1	4.	3	2.	6	1.	3	.5	.3	.2	.1	.0	14552	14553	14551
																													14551			

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	72770178	994256	68.3	18.227	14551							
Dry Bulb	81775869	1083079	74.4	8.945	14552			601.0	430.4	222.8	7.1	744.0
Wet Bulb	64704712	966264	66.4	6.090	14551			416.6	99.8	.2		744.0
Dew Point	56950518	904052	62.1	7.366	14553		.9	229.9	17.5			744.0

FORM 0 26 5 (Det 50) JUL 64 1210 WS REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | JUN MONTH

PAGE 1 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5-6	7-8	9 10	11-12	13 14	15 16	17-18	19-20	21-22	23-24	25 26	27 28	29 30	>31	TOTAL D.B /W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101													.0	.0		.0	.0	14	14		
100/ 99												.1	.1	.1	.0	.0		49	49		
98/ 97									.0	.1	.2	.4	.3	.1	.0			172	172		
96/ 95								.0	.3	.6	1.3	.8	.2	.1				463	463		
94/ 93						.0	.0	.2	.8	1.7	1.4	.6	.1	.0				712	712		
92/ 91				.0		.0	.2	.7	2.0	1.9	1.0	.2	.1	.0				900	900		
90/ 89					.0	.2	.8	1.8	2.0	1.2	.4	.1	.1	.0				951	951		
88/ 87					.1	.5	1.7	1.9	1.4	.6	.1	.1	.0					933	933		
86/ 85				.1	.5	1.8	2.3	1.4	.6	.2	.1	.0						1033	1033	1	1
84/ 83		.0	.0	.3	1.4	2.5	1.5	.7	.3	.1	.0							983	983	3	
82/ 81			.3	1.3	2.5	1.8	.9	.4	.1	.1	.0	.0						1057	1057	20	2
80/ 79		.1	1.4	3.0	2.6	1.1	.5	.1	.1	.1	.0							1295	1295	245	6
78/ 77	.0	1.0	3.4	3.2	1.5	.6	.2	.1	.1	.0								1446	1446	1040	93
76/ 75	.0	2.2	3.9	2.2	.9	.3	.1	.1	.1									1412	1412	2798	439
74/ 73	.2	1.9	2.9	1.4	.5	.2	.1	.1	.0									1022	1023	3489	1436
72/ 71	.1	2.0	1.9	.9	.3	.1	.1	.0	.0									791	791	2730	2568
70/ 69	.1	1.4	1.4	.4	.1	.1	.0	.0										491	491	1809	2964
68/ 67	.2	1.1	.7	.1	.1	.0	.0											336	336	1034	2508
66/ 65	.1	.7	.3	.1	.0	.0												172	172	617	1828
64/ 63	.1	.3	.1	.1	.0													84	84	287	1139
62/ 61	.0	.1	.1	.0	.0													37	37	156	617
60/ 59	.0	.0	.1	.0														20	20	93	288
58/ 57	.0	.1	.0	.0														13	13	40	156
56/ 55		.0																1	1	18	143
54/ 53		.0																1	1	8	90
52/ 51																					52
50/ 49																					42
48/ 47																					13
46/ 45																					3
TOTAL	.8	11.1	16.5	13.2	10.5	9.1	8.4	7.5	7.7	6.6	4.7	2.3	1.0	.4	.1	.0	.0	14389		14388	
																		14388		14388	

Element (X)	ΣX	ΣX	$\bar{X}$	σ_x	No Obs	Mean No of Hours with Temperature < 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Rel Hum	68756005	961799	66.8	17.612	14388							
Dry Bulb	96193040	1170832	81.4	8.007	14389			703.6	622.6	399.5	70.6	720.0
Wet Bulb	75094304	1037972	72.1	3.852	14388			659.0	380.1	5.7		720.0
Dew Point	67039517	980007	68.1	4.478	14388			501.3	98.9	.2		720.0

FORM 1210 WS (3 20 5 Dec 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-45,49-64 YEARS — JUL MONTH

PAGE 1 ALL HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D B /W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
110/109																															.0	2	2		
108/107																														.0	.0	4	4		
106/105																											.0	.0	.1	.1	.0	16	16		
104/103																									.0		.0	.1	.1	.1	.0	46	46		
102/101																			.0			.0	.2		.3		.3	.1	.1	.0	144	144		
100/ 99																			.0		.2		.5		.8		.5	.4	.1	.0	372	372		
98/ 97																	.0		.2		.6		1.5		1.5		.7	.1	.0		694	694		
96/ 95										.0		.0		.1		.2		1.0		2.4		1.8		.9		.1		.0			977	977		
94/ 93										.0		.0		.2		.9		1.9		1.8		.9		.3		.1					905	906		
92/ 91										.0		.1		.9		2.1		1.6		.8		.3		.1		.0		.0			831	881		
90/ 89						.0				.1		.8		2.2		2.0		1.2		.4		.1		.0							1020	1020		
88/ 87				.0				.1		.7		2.1		2.0		1.2		.4		.1		.0		.0							990	990		
86/ 85				.0		.0		.6		2.0		2.3		1.3		.4		.2		.0		.0									1027	1028	4	
84/ 83				.0		.3		1.6		3.0		1.4		.6		.2		.0		.0		.0									1081	1081	10	1
82/ 81		.0		.2		1.7		3.0		2.0		.7		.2		.1		.0													1192	1192	27	7
80/ 79		.1		1.6		4.1		2.5		.9		.3		.1		.0		.0													1438	1438	252	11
78/ 77		1.1		4.3		3.2		1.4		.4		.1		.0		.0															1562	1562	1421	46
76/ 75	.1	2.7		3.5		1.6		.4		.2		.0				.0															1280	1281	3983	408
74/ 73	.1	2.4		1.8		.5		.2		.1		.0		.0																	771	773	4503	1865
72/ 71	.1	1.0		.6		.2		.1		.1		.0																			328	328	2804	3340
70/ 69	.0	.4		.2		.1		.0		.0																					114	114	1254	3111
68/ 67		.1		.0		.0		.0		.0																					23	23	381	2354
66/ 65		.0				.0																									3	3	153	1576
64/ 63																																	46	940
62/ 61																																	16	601
60/ 59																																	17	309
58/ 57																																		166
56/ 55																																		55
54/ 53																																		51
52/ 51																																		24
50/ 49																																		3
48/ 47																																		2
TOTAL	.3	7.9		12.2		11.9		10.0		9.7		8.0		7.7		7.3		6.5		6.4		5.1		3.8		1.7		1.0		.4	.1	14875		14870	
																															14870		14871	

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	62460524	922408	62.0	18.777	14870							
Dry Bulb	107755440	1260488	84.7	7.964	14875			743.9	720.6	508.0	158.1	744.0
Wet Bulb	80515447	1093477	73.5	2.734	14871			732.3	510.3	6.2		744.0
Dew Point	70483551	1021969	68.7	4.074	14870			557.5	117.0	.7		744.0

FORM 1210 WS JUL 64 0-26-5 (Det '72) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | AUG 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	Wet Bulb	Dew Point
108/107																.0	.0	6	6		
106/105															.0	.0	.1	.1	26	26		
104/103														.0	.1	.2	.3	.1	110	110		
102/101													.0	.3	.6	.4	.2	.0	251	251		
100/ 99												.1	.5	1.2	1.0	.4	.1	.0	495	495		
98/ 97										.1	.6	1.9	1.4	.8	.7	.2	.0	.0	743	743		
96/ 95								.0	.1	.7	1.9	1.7	.8	.3	.1	.0	.0		824	825		
94/ 93								.1	.7	1.9	1.5	.9	.4	.1	.0	.0			847	847		
92/ 91						.0	.1	.6	1.6	1.5	1.0	.4	.2	.0	.0				800	800		
90/ 89						.1	.6	1.6	1.9	1.4	.7	.2	.0	.0					979	980		
88/ 87					.0	.5	1.8	1.9	1.4	.6	.3	.1	.0						984	985		
86/ 85				.0	.4	1.8	2.3	1.6	.6	.4	.2	.0	.0						1087	1087		
84/ 83		.0	.0	.2	1.6	2.8	1.5	.7	.5	.2	.1	.0							1120	1120	1	
82/ 81			.2	1.4	2.8	1.9	.9	.4	.2	.1	.0								1180	1180	9	
80/ 79		.2	1.3	3.3	2.5	1.4	.5	.3	.1	.1									1417	1417	157	5
78/ 77	.0	1.0	3.3	2.8	1.5	.7	.2	.1	.0	.0									1446	1446	1284	45
76/ 75	.1	2.3	2.6	1.4	.9	.3	.2	.1	.0										1156	1156	3653	364
74/ 73	.2	1.7	1.4	.7	.4	.1	.1	.1											681	681	4082	1453
72/ 71	.1	.8	.8	.4	.2	.1	.1												383	383	2725	2649
70/ 69	.0	.5	.3	.2	.1	.1	.0												191	191	1511	2780
68/ 67	.0	.2	.1	.1	.1	.0													85	85	746	2303
66/ 65	.0	.0	.1	.1	.0	.0													33	33	361	1947
64/ 63		.0	.1	.0															14	14	166	1199
62/ 61		.0	.0																7	7	99	774
60/ 59		.0																	4	4	66	608
58/ 57																					1	358
56/ 55																						225
54/ 53																						88
52/ 51																						52
50/ 49																						27
48/ 47																						8
46/ 45																						2
42/ 41																						1
38/ 37																						2

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

FORM 1210 WS JUL 64 (Dec 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | AUG MONTH

PAGE 2 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9-10	11 12	13-14	15 16	17 18	19 20	21-22	23 24	25-26	27 28	29-30	31	TOTAL DB/WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.4	6.8	10.2	10.6	10.4	10.0	8.1	7.6	7.2	6.8	6.3	5.9	4.5	2.9	1.4	.7	.3	14869	14872	14870	14870

Element (X)	Σ_X	Σ_{X^2}	$\bar{X}$	σ_X	No Obs	Mean No of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	50492447	888143	59.7	19.138	14870							
Dry Bulb	108150686	1262046	84.9	8.414	14872			741.1	708.1	511.9	165.2	744.0
Wet Bulb	79118348	1083556	72.8	3.292	14870			708.9	459.6	2.2		744.0
Dew Point	68235565	1004805	67.5	4.769	14870			479.2	92.4	.1		744.0

1210 WS FORM JUL 64 0-26 5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-45,49-64 YEARS — SEP MONTH

PAGE 1 ALL HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25 - 26	27 - 28	29	30	31	TOTAL D B /W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
106/105																											.0				1	1		
104/103																										.0	.0	.0	.0	.0	16	16		
102/101																									.0	.0	.0	.0	.0	.0	22	22		
100/ 99																					.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	47	47		
98/ 97																		.0	.1	.2	.3	.1	.1	.0							115	115		
96/ 95																	.0	.2	.6	.6	.4	.3	.1	.0	.0						313	313		
94/ 93															.0	.4	.8	.9	.5	.4	.3	.0	.0	.0							492	492		
92/ 91													.0	.3	1.0	.8	.7	.5	.3	.2	.0	.0	.0								568	568		
90/ 89										.0	.3	1.1	1.0	.9	.6	.5	.3	.2	.0	.0											739	739		
88/ 87								.0	.3	.9	1.0	.9	.7	.4	.3	.3	.1	.0	.0												727	727		
86/ 85				.0			.2	.8	1.2	1.0	.7	.6	.4	.3	.2	.1	.0														770	770		
84/ 83				.0	.1		.9	1.2	1.0	.8	.5	.4	.4	.1	.1																822	822		
82/ 81	.0	.0	.1	.9	1.2	1.2	.9	.4	.6	.4	.2	.1	.1																		902	902	4	1
80/ 79		.1	.9	1.7	1.4	1.1	.7	.7	.5	.4	.2	.1	.0																		1139	1139	36	1
78/ 77		.8	1.9	1.6	1.3	.8	.7	.5	.4	.1	.1	.1	.0																		1190	1191	492	22
76/ 75	.2	2.8	2.1	2.0	1.0	.9	.6	.5	.3	.2	.1	.0	.0																		1509	1509	1658	241
74/ 73	.4	2.2	2.1	1.3	.7	.6	.5	.3	.2	.2	.0	.0																			1215	1215	2212	1143
72/ 71	.2	1.6	1.9	.9	.7	.6	.5	.2	.2	.1	.0																				994	994	1970	1436
70/ 69	.2	1.1	1.1	1.1	.8	.6	.3	.2	.1	.0	.0																				817	817	1913	1639
68/ 67	.0	.7	1.2	.9	.7	.4	.3	.1	.1	.0																					623	623	1342	1650
66/ 65	.1	.7	1.0	.6	.4	.2	.2	.1	.0																						481	481	1178	1426
64/ 63	.0	.2	.6	.5	.3	.2	.1	.1	.0																						285	285	1015	1228
62/ 61	.1	.3	.4	.4	.2	.2	.1	.0																							235	235	783	967
60/ 59	.0	.3	.3	.1	.2	.0	.0																								150	150	643	861
58/ 57	.0	.2	.3	.2	.0	.0	.0																								102	102	410	807
56/ 55	.0	.3	.1	.0	.0	.0	.0																								75	75	322	735
54/ 53		.1	.0	.0	.0	.0																									23	23	213	568
52/ 51				.0	.0	.0																									10	10	101	485
50/ 49			.0	.0																											4	4	48	305
48/ 47				.0	.0																										3	3	23	230
46/ 45				.0																											3	3	15	183
44/ 43																																	7	135
42/ 41			.0																												2	2	5	106
40/ 39																																	2	84

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

FORM 1210 WS JUL 64 0-26-5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | SEP MONTH

PAGE 2 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 - 12	13 - 14	15 16	17 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 30	31	TOTAL D B /W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37																				2	56
36/ 35																					40
34/ 33																					27
32/ 31																					15
30/ 29																					2
28/ 27																					2
TOTAL	1.2	11.4	14.2	12.4	10.1	9.2	8.2	7.6	6.8	5.9	4.8	3.4	2.4	1.5	.5	.2	.2		14395		14395
																		14394		14394	

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	63d25448	913450	63.5	20.173	14394							
Dry Bulb	89442256	1126956	78.3	9.188	14395			651.3	529.6	306.3	50.3	720.0
Wet Bulb	67874733	984393	68.4	6.198	14394			481.5	220.2	.7		720.0
Dew Point	58488319	909713	63.2	8.325	14395		1.0	306.8	70.4	.1		720.0

FORM JUL 64 0 26 5 (Det 50) REV SEO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (YEARS) OCT (MONTH)

PAGE 1 ALL (HOURS L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3	4	5	6	7	8	9-10	11	12	13-14	15-16	17-18	19-20	21	22	23-24	25	26 27-28	29	30	31	TOTAL DB/WB	TOTAL Dry Bulb	Wet Bulb	Dew Point
96/ 95															.0		.0			.0	.0	.0	.0	16	16		
94/ 93														.0	.1		.0	.0		.0	.0	.0	.0	31	31		
92/ 91												.0	.1	.1	.0		.1	.1		.1	.1	.1		97	97		
90/ 89											.1	.3	.3	.1	.1		.1	.1		.1	.1	.0		198	198		
88/ 87									.0		.2	.3	.3	.3	.2		.1	.2		.1	.0			256	256		
86/ 85							.0		.2		.3	.3	.3	.4	.3		.3	.1		.1	.0			364	364		
84/ 83						.0	.1		.5		.4	.3	.4	.4	.4		.2	.2		.1	.0			454	454		
82/ 81				.0		.2	.4		.4		.5	.7	.6	.4	.3		.2	.2		.1				583	583		
80/ 79			.0	.1		.5	.6		.5		.6	.5	.5	.4	.3		.2	.2		.0				658	658	1	
78/ 77			.1	.7		.6	.6		.6		.6	.6	.6	.5	.2		.3	.0		.0				801	801	42	4
76/ 75		.0	.7	1.1		.7	.7		.7		.4	.5	.5	.5	.3		.1	.0						961	961	308	26
74/ 73		.1	1.3	1.0		.8	.7		.7		.6	.5	.4	.4	.3		.1	.0						1014	1014	635	227
72/ 71		.1	1.0	1.2		.9	.9		.5		.6	.4	.4	.4	.2		.0							1006	1006	785	467
70/ 69		.1	1.4	1.4		1.3	.7		.6		.6	.5	.3	.2	.1		.0							1092	1092	891	656
68/ 67		.1	1.5	1.5		.9	.7		.5		.5	.5	.3	.1	.1		.0							1018	1018	1173	768
66/ 65		.3	1.9	1.4		.8	.7		.7		.5	.5	.2	.1	.0									1065	1066	1304	828
64/ 63		.3	1.4	1.2		.9	.6		.6		.4	.3	.2	.1	.0									904	904	1376	982
62/ 61		.2	1.2	.9		.8	.7		.5		.4	.2	.1	.0										755	755	1162	1040
60/ 59		.1	1.0	.9		1.0	.7		.5		.3	.2	.1	.0										713	714	1161	999
58/ 57		.2	.9	1.2		.9	.6		.4		.3	.1	.0											687	687	1018	779
56/ 55		.1	1.1	1.0		.8	.5		.4		.2	.1	.0											622	622	1015	893
54/ 53		.1	.8	1.0		.6	.4		.3		.0	.0												470	470	967	872
52/ 51		.1	.8	.7		.5	.4		.2		.1	.0												408	408	819	919
50/ 49		.1	.4	.4		.4	.3		.1		.0													257	257	681	855
48/ 47		.0	.3	.3		.3	.1		.1		.0													171	171	497	783
46/ 45		.0	.2	.3		.2	.1		.0		.0													116	116	386	734
44/ 43		.0	.1	.2		.1	.0		.0															72	72	256	505
42/ 41		.0	.1	.1		.0	.0																	35	35	181	509
40/ 39		.0	.0	.1		.0	.0																	28	28	105	408
38/ 37		.0	.0	.0		.0	.0																	12	12	61	394
36/ 35			.1																					10	10	38	294
34/ 33																										13	246
32/ 31																										4	208
30/ 29																										1	115

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

FORM 1210 WS JUL 64 (26 Oct 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,49-64 YEARS | OCT 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	TOTAL Dry Bulb	Wet Bulb	Dew Point
28/ 27																																				78
26/ 25																																				51
24/ 23																																				52
22/ 21																																				30
20/ 19																																				18
18/ 17																																				15
16/ 15																																				8
14/ 13																																				8
12/ 11																																				4
TOTAL	2.0	16.3	16.7	13.4	10.5	9.0	7.6	6.9	5.7	4.6	3.0	1.8	1.2	.6	.4	.1	.0																14876 14874	14876	14874	14875

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	68996008	962018	64.7	21.349	14875							
Dry Bulb	71222939	1017111	68.4	10.629	14876			427.5	271.7	117.6	2.4	744.0
Wet Bulb	54875410	894250	60.1	8.645	14874		.3	191.8	49.3			744.0
Dew Point	45719857	807073	54.2	11.392	14875		29.4	112.4	12.9			744.0

1210 WS FORM JUL 64 0 26-5 (Dec 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-44,49-64 YEARS | NOV MONTH

PAGE 1 ALL HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3	4	5 - 6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25 - 26	27 - 28	29	30	31	TOTAL D B / W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
90/ 89																		.0	.0							.0			3	3		
88/ 87																		.0						.0	.0	.0	.0		12	12		
86/ 85											.0	.1	.0				.0	.0	.0	.0	.0	.0		.0	.0	.0			35	35		
84/ 83									.0	.0	.1	.1	.1				.0	.0	.0	.0	.0	.0		.0	.0	.0			63	63		
82/ 81								.0	.1	.3	.2	.2					.1	.1	.1	.0	.0	.0		.0	.0				140	140		
80/ 79							.0	.2	.3	.3	.2	.2					.1	.1	.1	.1	.0	.0		.0	.0				203	203		
78/ 77					.0	.2	.3	.5	.3	.3	.2	.1					.1	.1	.1	.1	.0	.0		.0	.0				267	267		
76/ 75			.0	.2	.4	.5	.4	.3	.3	.2	.2	.2					.2	.1	.0	.0									335	335		
74/ 73			.1	.4	.5	.4	.3	.3	.3	.3	.3	.3					.3	.1	.1										411	411	26	
72/ 71			.4	.9	.6	.4	.4	.3	.3	.3	.3	.3					.3	.1	.0	.0									543	543	177	17
70/ 69	.0	.7	1.0	.5	.3	.3	.4	.4	.3	.4	.4	.3					.3	.1	.0	.0									600	600	388	148
68/ 67	.0	.9	1.0	.5	.4	.4	.3	.4	.4	.4	.3	.3					.3	.1	.0										662	662	54[illegible]	330
66/ 65	.1	1.0	.7	.5	.5	.4	.4	.5	.4	.4	.5	.4					.2	.0											652	652	569	438
64/ 63	.1	.7	.6	.6	.4	.5	.4	.5	.3	.4	.5	.3					.2	.[illegible]											607	607	530	339
62/ 61	.2	1.1	.7	.5	.6	.4	.6	.4	.3	.4	.4	.3					.1												666	666	508	451
60/ 59	.2	1.5	.9	.6	.7	.6	.7	.5	.2	.3	.3	.2					.0												811	811	645	451
58/ 57	.3	1.4	.7	.8	.7	.8	.5	.4	.1	.2	.2	.1																	799	799	749	526
56/ 55	.3	1.3	.8	.9	1.0	1.1	.7	.3	.0	.1	.1	.1																	864	864	748	591
54/ 53	.3	1.0	1.0	.9	1.0	.7	.5	.2																					777	777	74[illegible]	569
52/ 51	.2	1.2	1.0	1.0	1.0	.7	.4	.1																					759	759	804	489
50/ 49	.4	1.3	1.1	1.2	.8	.7	.2	.0																					751	751	907	579
48/ 47	.2	1.[illegible]	1.3	1.0	.9	.5	.1	.0																					680	680	975	563
46/ 45	.3	1.7	1.4	1.0	.8	.4	.1																						759	759	1001	633
44/ 43	.1	.9	1.3	.9	.6	.2	.0																						563	563	960	758
42/ 41	.2	.8	.9	.8	.4	.1	.0																						445	445	759	692
40/ 39	.1	.8	1.1	.8	.3	.1																							428	428	736	767
38/ 37	.1	.7	.6	.5	.1	.0																							268	268	563	865
36/ 35	.2	.8	.4	.3	.1	.0																							238	238	496	729
34/ 33	.0	.4	.3	.2	.1																								132	132	326	665
32/ 31	.0	.2	.2	.1	.0																								87	87	193	671
30/ 29	.0	.1	.2	.1	.0																								58	58	13[illegible]	5[illegible]7
28/ 27		.1	.1	.1	.0																								40	4[illegible]	[illegible]	305
26/ 25	.0	.0	.0	.0																									10	10	65	378

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

FORM 0-26 S (Oct 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-44,40-64 YEARS | NOV 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	TOTAL Dry Bulb	Wet Bulb	Dew Point
24/ 23		.5																															5	5	15	243
22/ 21		.0																															2	2	22	205
20/ 19		.0																															1	1	4	147
18/ 17																																				124
16/ 15																																				75
14/ 13																																				33
12/ 11																																				41
10/ 9																																				18
8/ 7																																				18
6/ 5																																				12
4/ 3																																				6
2/ 1																																				5
0/- 1																																				3
- 2/- 3																																				1
- 4/- 5																																				2
- 6/- 7																																				1
- 8/- 9																																				2
TOTAL	3.4	2.0	1.8	1.5	1.2	1.2	5	9.8	7.[illegible]	5.5	3.4	2.2	.9	.4	.2	.1	.1	.0	.0													13676		13676	13676
																																13676		13676	

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	64820821	897199	65.6	20.878	13676							
Dry Bulb	46089631	776499	56.7	12.097	13676		30.7	172.4	77.4	18.9		720.0
Wet Bulb	36187705	688105	50.3	10.700	13676		27.6	59.6	1.4			720.0
Dew Point	28875944	600948	43.9	13.437	13676	.5	151.4	26.1				720.0

FORM 1210 WS JUL 64 0 26 5 10e* SOI REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMAR

13928 STATION — WACO TEXAS/JAMES CONNALLY AFB STATION NAME — 42-44,48-64 YEARS — DEC MONTH

PAGE 1 AL

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 DB/WB	TOTAL Dry Bulb	Wet Bulb	Dew Point
86/ 85																			.0														1	1		
84/ 83																	.0		.0						.0								5	5		
82/ 81													.0				.0						.0		.0								9	9		
80/ 79								.0		.0		.0		.0		.0		.0		.0		.0		.0		.0							30	30		
78/ 77							.0		.0		.0		.1		.1		.1		.0		.0		.1										58	55		
76/ 75					.0		.0		.1		.1		.1		.1		.1		.1		.1		.0		.0		.0						98	96		
74/ 73			.0		.1		.1		.1		.2		.1		.1		.1		.1		.1		.0		.0								155	155		
72/ 71			.1		.2		.2		.2		.1		.2		.1		.1		.1		.0		.0										197	197	11	
70/ 69	.0		.3		.4		.3		.2		.2		.2		.1		.2		.2		.1												299	299	79	32
68/ 67	.0		.5		.5		.2		.2		.3		.2		.2		.2		.1		.0												352	352	120	56
66/ 65	.1		.8		.4		.2		.2		.2		.2		.3		.2		.1		.0												409	408	277	135
64/ 63	.1		.7		.4		.3		.3		.3		.3		.4		.3		.0		.0												456	456	319	242
62/ 61	.3		.9		.5		.4		.4		.4		.4		.3		.2		.1		.0												551	551	310	299
60/ 59	.3	1.0			.5		.5		.4		.5		.4		.3		.1		.0														591	591	390	317
58/ 57	.3		.9		.4		.4		.5		.6		.6		.5		.1		.0														641	641	469	325
56/ 55	.5		.7		.7		.5		.6		.7		.5		.3		.0																651	651	519	352
54/ 53	.3	1.2			.7		.8		.9		.7		.5		.2		.0																778	778	500	324
52/ 51	.5	1.3			.8	1.1		1.0		.6		.4		.1																		839	839	732	440
50/ 49	.6	1.7		1.1		1.4		1.0		.8		.2		.0																		1002	1002	797	544
48/ 47	.5	1.7		1.4		1.5		1.2		.5		.1		.0																		995	995	950	579
46/ 45	.6	2.1		1.3		1.7		.9		.3		.0		.0																		999	999	1128	624
44/ 43	.5	2.0		1.5		1.3		.7		.2		.0																				904	904	1134	690
42/ 41	.6	1.9		2.0		1.2		.5		.0		.0																				919	919	1138	849
40/ 39	.6	1.7		2.3		1.1		.4		.0																						903	903	1200	959
38/ 37	.4	1.6		1.9		.9		.1																								714	714	1046	946
36/ 35	.3	1.7		1.6		.5		.1																								611	611	891	953
34/ 33	.1	1.0		1.1		.3		.1																								376	376	738	991
32/ 31	.4	1.1		.8		.3		.0																								377	377	594	1005
30/ 29	.1	1.0		.6		.2		.0																								277	277	414	846
28/ 27	.1		.5		.4		.1																									169	169	301	727
26/ 25	.0		.3		.2		.1																									102	102	183	663
24/ 23	.1		.3		.2		.0																									82	82	133	495
22/ 21	.1		.2		.2																											66	66	112	357
20/ 19	.0		.1		.0																											21	21	63	262

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

FORM 1210 WS JUL 64 0-26-5 (Oct 58) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-44,48-64 YEARS | DEC MONTH

PAGE 2 ALL HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	31	TOTAL DB/WB	TOTAL Dry Bulb	Wet Bulb	Dew Point
18/ 17		.1	.0															14	14	25	189
16/ 15		.0	.0															8	8	12	123
14/ 13		.0																3	3	9	89
12/ 11																				2	63
10/ 9																					49
8/ 7																					49
6/ 5																					44
4/ 3																					27
2/ 1																					5
0/- 1																					5
- 2/- 3																					1
TOTAL	7	.4	27	.4	22	.1	15	.5	10	.0	6	.8	4	.6	3	.1	1	.7	.9	.4	.1	.0	.0		14656		14656
																		14656		14656	

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	77209419	1022393	69.8	20.044	14656							
Dry Bulb	37000733	716049	48.9	11.731	14656		56.8	60.9	17.8	1.4		744.0
Wet Bulb	29936103	644759	44.0	10.355	14656		93.8	10.7				744.0
Dew Point	23689177	560467	38.2	12.408	14656	.3	253.8	4.5				744.0

FORM 0-26-5 (Oct 70) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1210 WS JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13928 WACO TEXAS/JAMES CONNALLY AFB 42-45,48-64

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	43.2	47.8	52.9	61.0	68.9	75.7	78.8	79.1	72.8	62.9	52.2	45.1	62.0
	S D	11.877	10.415	9.903	8.102	6.029	4.337	3.644	4.265	5.803	8.095	10.261	10.008	15.151
	TOTAL OBS	1767	1611	1766	1710	1818	1799	1858	1859	1800	1859	1708	1859	21414
03-05	MEAN	41.5	45.9	50.7	58.8	66.6	73.2	76.1	76.1	70.4	60.5	50.2	43.3	59.7
	S D	12.301	10.610	10.369	8.601	6.260	3.993	2.932	3.713	5.825	8.463	10.755	10.407	14.993
	TOTAL OBS	1765	1611	1766	1710	1817	1800	1860	1858	1800	1860	1709	1859	21415
06-08	MEAN	40.7	45.1	50.5	59.7	68.5	75.5	78.1	77.5	71.3	60.9	49.9	42.5	60.3
	S D	12.594	10.690	10.449	8.610	6.433	4.764	3.667	4.319	6.267	8.618	10.920	10.659	15.994
	TOTAL OBS	1767	1610	1766	1709	1817	1799	1858	1860	1799	1860	1710	1860	21415
09-11	MEAN	46.0	51.2	57.9	67.5	76.2	83.4	86.8	86.9	80.7	70.8	58.0	48.9	68.2
	S D	12.796	11.069	10.538	8.193	6.889	5.493	4.862	5.247	7.098	8.418	10.709	10.589	16.984
	TOTAL OBS	1766	1611	1767	1710	1817	1799	1860	1860	1800	1859	1710	1859	21418
12-14	MEAN	53.1	58.0	64.6	73.4	81.6	88.8	92.5	93.0	86.5	77.4	64.9	56.1	74.5
	S D	13.906	12.250	11.230	8.881	7.376	5.854	5.381	5.791	7.407	8.668	11.337	11.485	16.883
	TOTAL OBS	1767	1609	1767	1709	1821	1799	1860	1858	1799	1859	1710	1859	21417
15-17	MEAN	54.6	59.9	66.8	75.0	83.0	89.9	93.9	94.3	87.5	78.0	65.5	57.1	75.8
	S D	13.917	12.414	11.297	9.013	7.617	6.372	5.944	6.515	7.566	8.657	11.225	11.371	16.864
	TOTAL OBS	1750	1611	1767	1710	1821	1799	1860	1860	1799	1860	1710	1826	21381
18-20	MEAN	49.2	54.8	61.7	70.0	78.1	85.3	89.0	89.0	81.4	70.7	58.8	50.9	70.3
	S D	12.357	10.891	10.440	8.387	7.183	6.299	6.251	6.538	7.254	8.223	10.081	9.889	16.606
	TOTAL OBS	1740	1609	1765	1710	1821	1797	1860	1860	1800	1859	1710	1767	21298
21-23	MEAN	45.4	50.4	56.4	64.5	72.4	79.2	82.6	82.8	75.8	65.7	54.7	47.2	65.1
	S D	11.857	10.152	9.779	7.858	6.259	4.928	4.617	5.037	6.246	8.044	9.953	9.595	15.516
	TOTAL OBS	1739	1611	1767	1709	1820	1797	1859	1857	1798	1860	1709	1767	21293
ALL HOURS	MEAN	46.7	51.6	57.7	66.2	74.4	81.4	84.7	84.9	78.3	68.4	56.7	48.9	66.9
	S D	13.615	12.222	12.014	10.284	8.945	8.007	7.964	8.414	9.188	10.629	12.097	11.731	17.163
	TOTAL OBS	14069	12883	14131	13677	14552	14389	14875	14872	14395	14876	13676	14656	171051

1210 WS FORM 0-89-5 (Del 50)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13928 STATION | WACO TEXAS/JAMES CONNALLY AFB STATION NAME | 42-45,48-64 YEARS

HRS (L S T)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	40.6	44.7	48.6	56.6	64.5	70.6	72.3	71.6	66.8	58.1	48.3	42.0	57.3
	S D	12.016	10.454	10.383	8.714	5.943	3.686	2.507	3.281	6.268	8.710	10.621	10.098	14.172
	TOTAL OBS	1763	1611	1745	1709	1818	1799	1858	1859	1800	1859	1708	1859	21388
03-05	MEAN	39.4	43.3	47.4	55.4	63.6	69.9	71.6	71.0	66.1	57.0	47.0	40.7	56.3
	S D	12.487	10.714	10.917	9.285	6.325	3.819	2.526	3.325	6.622	9.214	11.150	10.476	14.589
	TOTAL OBS	1759	1608	1745	1709	1817	1799	1858	1858	1800	1860	1709	1859	21381
06-08	MEAN	38.7	42.7	47.2	56.0	64.6	71.0	72.8	71.9	66.7	57.2	46.8	40.1	56.6
	S D	12.684	10.790	10.960	9.201	6.359	3.944	2.582	3.398	6.752	9.346	11.303	10.761	15.204
	TOTAL OBS	1760	1606	1748	1709	1817	1799	1858	1860	1799	1858	1710	1860	21384
09-11	MEAN	42.1	46.3	51.2	59.6	67.4	73.2	74.7	74.2	70.0	61.7	51.1	44.1	59.9
	S D	12.197	10.277	10.191	8.217	5.795	3.481	2.300	2.700	5.881	8.193	10.438	10.116	14.309
	TOTAL OBS	1760	1610	1748	1710	1817	1799	1860	1859	1800	1859	1710	1859	21391
12-14	MEAN	46.1	49.8	54.1	61.7	68.7	74.0	75.2	74.7	70.8	63.6	54.1	48.0	62.0
	S D	11.813	9.995	9.603	7.784	5.497	3.406	2.299	2.664	5.371	7.449	9.782	9.734	13.042
	TOTAL OBS	1761	1608	1751	1709	1821	1799	1859	1858	1799	1859	1710	1859	21293
15-17	MEAN	46.7	50.7	54.8	62.1	68.9	73.9	74.9	74.2	70.4	63.3	54.2	48.4	62.1
	S D	11.437	9.694	9.284	7.515	5.336	3.292	2.357	2.651	5.141	7.191	9.478	9.384	12.587
	TOTAL OBS	1753	1611	1752	1710	1821	1799	1859	1858	1799	1860	1710	1826	21358
18-20	MEAN	44.0	48.4	52.8	60.4	67.6	72.9	73.9	73.1	68.8	61.0	51.5	45.5	60.3
	S D	11.323	9.578	9.410	7.738	5.369	3.396	2.398	2.864	5.424	7.695	9.697	9.252	13.131
	TOTAL OBS	1735	1610	1747	1710	1820	1797	1860	1860	1800	1859	1710	1767	21275
21-23	MEAN	41.9	46.2	50.4	58.2	65.9	71.6	72.9	72.1	67.5	59.1	49.5	43.3	58.5
	S D	11.651	9.858	9.836	8.178	5.621	3.501	2.477	3.193	5.959	8.251	10.172	9.461	13.676
	TOTAL OBS	1737	1611	1749	1709	1820	1797	1859	1858	1797	1860	1709	1767	21273
ALL HOURS	MEAN	42.4	46.5	50.8	58.8	66.4	72.1	73.5	72.8	68.4	60.1	50.3	44.0	59.1
	S D	12.277	10.537	10.457	8.698	6.090	3.852	2.734	3.292	6.198	8.645	10.700	10.355	14.030
	TOTAL OBS	14028	12875	13985	13675	14551	14388	14871	14870	14394	14874	13676	14656	170843

1210 WS FORM JUL 64 0 89 5 (Det 50)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13928 — STATION
WACC TEXAS/JAMES CONNALLY AFB — STATION NAME
42-45,48-64 — YEARS

HRS (L S T)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
00-02	MEAN	36.6	41.0	43.9	53.0	62.1	68.4	69.4	68.2	63.5	54.4	44.0	38.0	53.8
	S D	14.362	12.402	13.220	11.039	6.956	4.303	3.621	4.599	8.285	11.041	13.116	12.146	15.790
	TOTAL OBS	1763	1611	1745	1709	1818	1799	1858	1859	1800	1859	1708	1859	21388
03-05	MEAN	35.9	40.1	43.5	52.5	61.9	68.4	69.7	68.7	63.6	54.1	43.4	37.1	53.5
	S D	14.670	12.460	13.401	11.430	7.102	4.297	3.383	4.254	8.340	11.254	13.394	12.355	16.175
	TOTAL OBS	1757	1608	1745	1709	1818	1799	1857	1858	1800	1860	1709	1859	21379
06-08	MEAN	35.4	39.5	43.3	52.8	62.4	69.1	70.5	69.4	64.2	54.2	43.1	36.5	53.7
	S D	14.680	12.523	13.531	11.336	7.295	4.331	3.264	4.146	8.348	11.796	13.647	12.608	16.665
	TOTAL OBS	1760	1606	1748	1709	1817	1799	1858	1860	1799	1859	1710	1860	21385
09-11	MEAN	36.8	40.9	44.4	53.6	62.7	68.8	69.7	68.9	64.6	55.5	44.3	38.2	54.3
	S D	14.626	12.597	13.762	11.808	7.627	4.275	3.504	4.002	8.104	11.627	13.923	12.687	16.151
	TOTAL OBS	1760	1610	1748	1710	1818	1799	1860	1859	1800	1859	1710	1859	21392
12-14	MEAN	38.0	41.6	44.5	53.5	62.0	67.6	67.9	66.8	62.9	54.3	44.3	39.3	53.8
	S D	14.615	12.775	13.789	11.973	7.883	4.635	4.037	4.451	8.265	11.678	13.770	12.867	15.478
	TOTAL OBS	1761	1608	1751	1709	1821	1799	1859	1858	1799	1859	1710	1859	21393
15-17	MEAN	37.8	41.6	44.0	53.1	61.5	66.9	66.7	65.3	61.6	53.3	44.0	39.2	53.2
	S D	14.412	12.694	13.95	11.981	7.927	4.672	4.519	4.924	8.356	11.650	13.615	12.626	15.180
	TOTAL OBS	1753	1611	1752	1710	1821	1799	1859	1858	1800	1860	1710	1826	21359
18-20	MEAN	37.6	41.7	44.3	53.4	62.1	67.4	67.3	65.9	62.2	54.0	44.4	39.2	53.6
	S D	13.970	12.245	13.410	11.485	7.199	4.604	4.515	5.124	8.234	11.247	12.951	11.891	15.023
	TOTAL OBS	1735	1610	1747	1710	1820	1797	1860	1860	1800	1859	1710	1767	21275
21-23	MEAN	37.1	41.4	44.3	53.5	62.4	68.3	68.6	67.3	62.9	54.1	44.2	38.5	53.9
	S D	14.120	12.064	13.134	10.927	6.803	4.250	4.015	4.979	8.277	11.032	13.020	11.717	15.385
	TOTAL OBS	1737	1611	1749	1709	1820	1797	1859	1858	1797	1860	1709	1767	21273
ALL HOURS	MEAN	36.9	41.0	44.0	53.2	62.1	68.1	68.7	67.5	63.2	54.2	43.9	38.2	53.7
	S D	14.458	12.490	13.531	11.506	7.366	4.478	4.074	4.769	8.325	11.392	13.437	12.408	15.740
	TOTAL OBS	14026	12875	13985	13675	14553	14388	14870	14870	14395	14875	13676	14656	170844

1210 WS FORM JUL 64 0 89 5 (Del 50)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

13928 (STATION) | WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) | 42-45,48-64 (PERIOD) | ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.5	96.8	90.8	82.5	70.7	55.7	40.0	22.2	71.6	14026
FEB		100.0	99.1	95.6	88.9	80.2	69.1	55.8	39.1	20.6	70.6	12875
MAR		100.0	97.9	91.6	82.5	71.6	58.3	44.3	29.0	12.9	64.4	13985
APR		100.0	98.8	93.9	86.5	75.4	62.1	48.0	31.7	12.4	66.5	13675
MAY		100.0	99.8	98.0	92.7	80.4	65.3	49.4	31.7	10.1	68.3	14551
JUN		100.0	100.0	99.3	92.7	77.2	61.9	45.9	28.3	7.1	66.8	14388
JUL		100.0	100.0	97.0	84.0	68.1	53.0	36.8	20.6	5.0	62.0	14870
AUG		100.0	99.8	95.2	79.6	63.6	48.6	32.6	17.4	4.7	59.7	14870
SEP		100.0	99.5	94.9	84.2	69.9	55.4	40.9	25.4	8.4	63.5	14394
OCT		100.0	98.5	93.1	83.7	71.5	58.6	45.0	29.1	10.7	64.7	14875
NOV		100.0	99.3	94.7	85.4	73.2	59.3	44.9	29.8	13.1	65.6	13676
DEC		100.0	99.7	96.8	90.4	80.6	67.7	51.6	35.6	18.6	69.8	14656
TOTALS		100.0	99.3	95.6	86.8	74.4	60.7	45.7	29.6	12.0	66.1	170841

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RELATIVE HUMIDITY

13928 (STATION) | WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) | 43-45,49-64 (PERIOD) | JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.9	98.6	94.3	83.8	69.7	51.7	28.8	78.5	1763
	03-05	100.0	100.0	99.9	99.3	96.6	88.8	76.1	58.4	35.4	81.2	1757
	06-08	100.0	100.0	100.0	99.6	97.6	91.4	76.6	60.7	34.5	82.0	1760
	09-11	100.0	100.0	99.1	94.0	85.3	71.8	55.2	38.2	21.0	72.2	1760
	12-14	99.9	98.8	90.7	77.8	63.1	48.7	32.8	21.6	12.1	60.3	1761
	15-17	99.9	97.5	87.6	71.8	56.8	43.2	29.7	19.4	11.2	57.3	1753
	18-20	100.0	99.9	97.4	88.9	76.9	61.1	44.4	28.8	14.8	66.9	1735
	21-23	100.0	100.0	99.9	96.5	89.1	76.5	60.9	40.9	19.8	74.1	1737
TOTALS		100.0	99.5	96.8	90.8	82.5	70.7	55.7	40.0	22.2	71.6	14026

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DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

13928	WACO TEXAS/JAMES CONNALLY AFB	43-45,49-64	FEB
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%		
FEB	00-02	100.0	99.9	99.4	98.2	93.7	86.0	72.3	51.5	28.2	78.7	1611
	03-05	100.0	99.9	99.8	98.6	96.0	88.7	78.0	60.0	33.8	81.5	1608
	06-08	100.0	100.0	99.9	98.8	95.5	89.2	78.9	62.2	35.6	82.0	1606
	09-11	100.0	99.6	97.5	91.2	82.3	69.7	54.3	36.8	18.0	70.7	1610
	12-14	100.0	97.8	88.7	75.8	61.1	45.4	33.5	20.3	9.4	58.7	1608
	15-17	99.9	96.5	85.3	68.7	54.4	40.8	28.9	16.9	8.1	55.4	1611
	18-20	100.0	99.1	95.3	84.7	71.3	57.2	42.0	27.0	12.4	64.5	1610
	21-23	100.0	99.8	98.8	95.5	87.2	75.5	58.2	38.1	19.1	73.0	1611
TOTALS		100.0	99.1	95.6	88.9	80.2	69.1	55.8	39.1	20.6	70.6	12875

DATA PROCESSING DIVISION
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RELATIVE HUMIDITY

13928	WACO TEXAS/JAMES CONNALLY AFB	43-45,49-64	MAR
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%		
MAR	00-02	100.0	100.0	98.7	95.8	88.0	75.6	59.5	39.5	15.7	73.0	1745
	03-05	100.0	99.9	99.3	98.1	93.4	82.8	69.5	50.7	25.0	77.6	1745
	06-08	100.0	100.0	99.4	97.1	92.5	82.4	70.4	52.3	26.0	77.8	1748
	09-11	100.0	99.5	94.6	83.8	71.0	57.2	42.3	25.9	9.3	63.8	1748
	12-14	99.9	94.7	82.1	64.9	50.3	36.0	21.6	11.9	4.6	52.3	1751
	15-17	99.8	91.4	74.5	57.6	42.4	27.6	17.9	10.6	4.9	48.3	1752
	18-20	99.9	98.1	87.1	73.7	58.3	42.6	28.2	16.4	7.2	56.6	1747
	21-23	100.0	99.7	97.1	89.3	77.0	62.4	45.4	25.2	10.4	66.3	1749
TOTALS		100.0	97.9	91.6	82.5	71.6	58.3	44.3	29.0	12.9	64.4	13985

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DATA PROCESSING DIVISION
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RELATIVE HUMIDITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 43-45,49-64 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.7	97.7	91.7	82.1	70.1	48.2	17.8	76.3	1709
	03-05	100.0	99.9	99.4	98.6	95.4	88.1	79.2	61.3	26.3	80.6	1709
	06-08	100.0	100.0	99.6	98.2	93.9	86.9	76.2	58.0	22.9	79.2	1709
	09-11	100.0	99.4	94.9	86.6	75.1	59.1	39.9	20.6	6.7	63.7	1710
	12-14	100.0	97.0	85.7	71.1	52.5	34.9	21.0	9.2	4.1	53.2	1709
	15-17	100.0	95.4	81.1	64.9	46.3	29.8	17.2	8.8	4.0	50.4	1710
	18-20	100.0	98.7	92.2	80.2	64.4	45.0	30.1	16.8	6.4	58.9	1710
	21-23	100.0	99.9	98.7	94.7	84.1	70.6	50.2	30.4	11.1	69.5	1709
TOTALS		100.0	98.8	93.9	86.5	75.4	62.1	48.0	31.7	12.4	66.5	13675

1210WS FORM JUL 44 0 87 5 (Del 50)

DATA PROCESSING DIVISION
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RELATIVE HUMIDITY

13928 (STATION) | WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) | 42-45,49-64 (PERIOD) | MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	99.0	93.6	80.4	51.5	15.3	79.6	1818
	03-05	100.0	100.0	100.0	100.0	99.5	98.4	93.5	74.6	26.0	85.0	1817
	06-08	100.0	100.0	100.0	99.7	98.5	95.6	86.9	60.7	17.3	81.5	1817
	09-11	100.0	99.9	98.6	94.4	84.9	62.5	32.6	12.5	4.1	64.5	1817
	12-14	100.0	99.4	94.7	82.0	54.0	27.5	13.1	6.9	2.2	53.5	1821
	15-17	100.0	98.9	92.9	74.3	42.4	21.7	12.6	7.6	3.3	50.8	1821
	18-20	100.0	99.8	98.1	91.4	69.8	43.0	24.0	12.7	4.6	59.9	1820
	21-23	100.0	100.0	100.0	99.7	95.2	80.6	51.9	26.9	8.4	71.8	1820
TOTALS		100.0	99.8	98.0	92.7	80.4	65.3	49.4	31.7	10.1	68.3	14551

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DATA PROCESSING DIVISION
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ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

13928 — STATION
WACO TEXAS/JAMES CONNALLY AFB — STATION NAME
42-45,49-64 — 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	99.9	99.8	99.1	94.9	80.2	47.2	8.8	78.7	1799
	03-05	100.0	100.0	99.9	99.8	99.8	99.1	94.6	77.6	23.2	85.2	1799
	06-08	100.0	100.0	100.0	100.0	99.6	96.7	87.8	57.6	12.9	81.1	1799
	09-11	100.0	100.0	99.8	97.9	86.3	57.1	23.6	7.6	2.1	62.8	1799
	12-14	100.0	100.0	98.5	84.3	43.1	17.7	7.4	3.4	1.3	51.1	1799
	15-17	100.0	100.0	97.1	70.8	31.4	15.3	8.4	4.7	1.3	48.5	1799
	18-20	100.0	100.0	99.0	89.4	62.6	36.1	17.0	7.8	2.1	57.0	1797
	21-23	100.0	100.0	100.0	99.7	95.7	78.1	48.5	20.2	5.0	70.3	1797
TOTALS		100.0	100.0	99.3	92.1	77.2	61.9	45.9	28.3	7.1	66.8	14388

DATA PROCESSING DIVISION
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RELATIVE HUMIDITY

13928 (STATION) | WACO TEXAS/JAKES CONNALLY AFB (STATION NAME) | 42-45;49-64 (PERIOD) | JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.7	96.6	84.9	62.7	33.1	6.7	74.0	1858
	03-05	100.0	100.0	100.0	100.0	99.6	96.0	83.7	57.5	16.4	81.1	1857
	06-08	100.0	100.0	100.0	99.9	99.0	93.5	75.8	44.2	10.4	78.1	1858
	09-11	100.0	100.0	99.4	93.7	72.0	40.4	15.3	5.1	1.3	58.2	1860
	12-14	100.0	99.9	94.7	65.1	28.6	11.3	5.2	2.5	.7	46.3	1859
	15-17	100.0	99.8	87.2	46.7	21.7	10.4	5.3	2.0	.3	43.0	1859
	18-20	100.0	100.0	94.7	70.9	45.1	26.3	12.8	5.8	1.3	51.2	1860
	21-23	100.0	100.0	99.9	95.9	82.0	60.5	33.4	14.5	3.0	64.4	1859
	TOTALS	100.0	100.0	97.0	84.0	68.1	53.0	36.8	20.6	5.0	62.0	14870

DATA PROCESSING DIVISION
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RELATIVE HUMIDITY

13928 (STATION) | WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) | 42-45,49-64 (PERIOD) | AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	99.9	99.9	99.6	93.4	77.2	50.7	24.2	6.0	70.6	1859
	03-05	100.0	100.0	100.0	99.9	99.3	92.8	76.3	46.5	13.0	78.4	1858
	06-08	100.0	100.0	100.0	99.9	98.6	90.5	73.1	41.1	11.2	77.1	1860
	09-11	100.0	100.0	99.4	91.1	66.5	35.4	13.0	5.2	1.5	56.7	1859
	12-14	100.0	99.8	91.0	54.1	22.5	9.2	4.3	2.2	.5	44.0	1858
	15-17	100.0	99.1	79.9	35.7	17.0	10.1	5.4	2.9	.9	40.7	1858
	18-20	100.0	99.8	91.3	63.9	37.7	22.8	11.1	5.0	1.3	48.9	1860
	21-23	100.0	100.0	99.8	92.5	73.7	50.6	26.5	12.2	3.1	61.4	1858
	TOTALS	100.0	99.8	95.2	79.6	63.6	48.6	32.6	17.4	4.7	59.7	14870

DATA PROCESSING DIVISION
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RELATIVE HUMIDITY

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 42-45,49-64 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.4	97.9	91.9	80.8	64.7	38.6	11.4	74.1	1800
	03-05	100.0	100.0	99.8	98.9	96.7	90.4	78.9	57.7	20.8	80.1	1800
	06-08	100.0	100.0	99.8	99.1	96.2	89.1	76.6	55.7	18.3	79.2	1799
	09-11	100.0	99.7	98.0	88.2	72.4	48.9	26.2	10.7	2.8	60.2	1800
	12-14	100.0	98.8	88.1	65.7	36.6	18.2	9.4	4.6	1.6	47.9	1799
	15-17	100.0	98.2	81.8	53.3	28.4	15.7	9.5	4.9	1.8	44.8	1799
	18-20	100.0	99.6	93.2	77.6	56.1	35.4	19.8	10.2	3.6	55.1	1800
	21-23	100.0	99.9	98.9	93.3	81.3	64.4	41.6	21.1	6.7	66.3	1797
TOTALS		100.0	99.5	94.9	84.2	69.9	55.4	40.9	25.4	8.4	63.5	14394

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RELATIVE HUMIDITY

13928	WACO TEXAS/JAMES CONNALLY AFB	42-45,49-64	OCT
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%		
OCT	00-02	100.0	100.0	99.9	96.4	90.3	82.1	67.3	43.8	14.6	75.2	1859
	03-05	100.0	100.0	99.8	98.6	94.7	89.4	79.6	59.4	24.9	80.5	1860
	06-08	99.9	99.9	99.6	98.2	94.4	87.9	77.0	58.3	23.2	79.8	1859
	09-11	100.0	99.1	94.6	84.4	70.4	52.4	34.4	17.0	4.1	61.1	1859
	12-14	100.0	95.5	82.5	63.5	40.6	23.3	12.6	5.7	2.6	48.1	1859
	15-17	100.0	94.0	77.9	55.6	34.3	20.3	12.1	6.9	2.9	46.0	1860
	18-20	100.0	99.2	92.1	80.9	64.4	45.2	27.8	14.7	4.8	58.5	1859
	21-23	100.0	100.0	98.3	92.0	82.8	68.4	49.4	27.4	8.1	68.2	1860
	TOTALS	100.0	98.5	93.1	83.7	71.5	58.6	45.0	29.1	10.7	64.7	14875

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

13928	WACO TEXAS/JAMES CONNALLY AFB	42-44,49-64	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.8	98.0	90.6	79.7	63.7	42.7	16.6	74.7	1708
	03-05	100.0	100.0	99.9	98.7	93.9	84.8	71.2	52.5	26.2	78.5	1709
	06-08	100.0	100.0	99.8	98.8	94.2	85.2	71.5	52.7	25.4	78.5	1710
	09-11	100.0	99.8	96.5	85.1	70.0	52.1	37.4	22.3	8.7	62.9	1710
	12-14	100.0	98.0	83.2	63.6	45.1	29.1	16.8	10.6	5.1	50.7	1710
	15-17	99.9	97.0	81.5	59.5	41.5	26.4	16.4	10.2	5.0	49.3	1710
	18-20	100.0	99.9	97.3	85.1	66.4	48.7	32.4	18.1	6.8	61.1	1710
	21-23	100.0	100.0	99.6	94.5	83.8	68.4	49.8	29.4	11.0	69.2	1709
TOTALS		100.0	99.3	94.7	85.4	73.2	59.3	44.9	29.8	13.1	65.6	13676

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

13928	WACO TEXAS/JAMES CONNALLY AFB	42-44,48-64	DEC
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%		
DEC	00-02	100.0	100.0	99.8	98.5	94.8	85.4	66.8	46.5	24.7	77.3	1859
	03-05	100.0	99.9	99.7	99.0	96.4	89.6	73.6	52.8	30.4	79.8	1859
	06-08	100.0	99.8	99.7	99.1	97.2	89.8	73.8	54.7	30.8	80.3	1860
	09-11	100.0	99.7	98.5	93.1	81.8	65.3	47.3	31.7	16.2	69.0	1859
	12-14	100.0	99.3	90.2	74.0	55.2	40.2	26.8	17.0	8.6	56.7	1859
	15-17	100.0	98.7	88.3	70.1	52.0	36.9	25.4	16.5	7.7	55.0	1826
	18-20	100.0	99.8	98.8	92.2	77.1	58.8	42.6	27.1	12.1	66.5	1767
	21-23	100.0	100.0	99.9	97.5	90.0	75.0	55.8	37.9	17.9	73.2	1767
TOTALS		100.0	99.7	96.8	90.4	80.6	67.7	51.6	35.6	18.6	69.8	14656

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

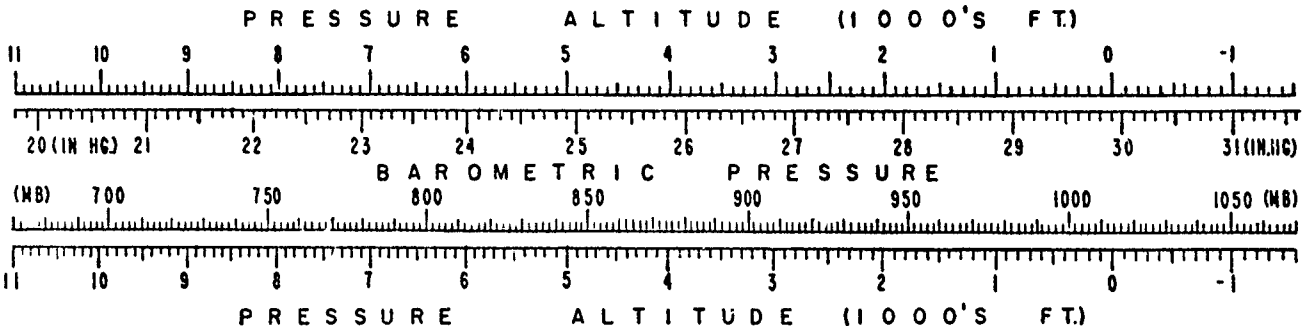
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables. although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 48-63 (YEARS)

HRS (L S T)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC.	ANNUAL
00	MEAN	29.627	29.555	29.490	29.449	29.434	29.417	29.467	29.456	29.466	29.534	29.597	29.626	29.510
	S D	.205	.201	.204	.176	.124	.087	.069	.069	.098	.136	.199	.198	.173
	TOTAL OBS	465	423	464	450	465	450	465	465	450	464	446	496	5503
03	MEAN	29.623	29.547	29.481	29.440	29.425	29.415	29.467	29.459	29.464	29.510	29.591	29.621	29.504
	S D	.205	.202	.204	.174	.123	.088	.068	.068	.099	.484	.202	.201	.219
	TOTAL OBS	465	423	465	450	465	450	465	465	449	465	445	496	5503
06	MEAN	29.626	29.556	29.500	29.460	29.448	29.438	29.489	29.479	29.485	29.550	29.603	29.623	29.522
	S D	.207	.203	.207	.175	.122	.089	.070	.070	.103	.141	.205	.202	.172
	TOTAL OBS	465	423	465	450	465	450	465	465	450	465	446	496	5505
09	MEAN	29.667	29.597	29.539	29.497	29.479	29.464	29.517	29.508	29.517	29.588	29.644	29.663	29.557
	S D	.211	.206	.213	.182	.124	.090	.071	.071	.107	.143	.207	.208	.177
	TOTAL OBS	465	423	465	450	465	449	465	465	450	465	446	496	5504
12	MEAN	29.652	29.587	29.521	29.479	29.459	29.445	29.496	29.483	29.496	29.561	29.618	29.639	29.537
	S D	.211	.207	.213	.182	.122	.089	.071	.071	.109	.140	.206	.208	.176
	TOTAL OBS	465	423	465	450	465	450	465	465	450	465	446	496	5505
15	MEAN	29.589	29.518	29.451	29.419	29.410	29.397	29.441	29.422	29.431	29.497	29.557	29.579	29.476
	S D	.207	.204	.211	.180	.121	.088	.072	.071	.106	.139	.202	.206	.173
	TOTAL OBS	465	423	465	450	465	450	465	465	450	465	445	496	5504
18	MEAN	29.597	29.514	29.434	29.396	29.377	29.363	29.407	29.394	29.416	29.494	29.563	29.590	29.462
	S D	.204	.202	.208	.181	.120	.090	.072	.073	.102	.138	.200	.202	.178
	TOTAL OBS	456	423	465	450	465	450	465	465	450	465	446	465	5465
21	MEAN	29.621	29.541	29.467	29.428	29.406	29.389	29.433	29.426	29.453	29.525	29.592	29.617	29.491
	S D	.205	.201	.206	.178	.120	.090	.071	.073	.101	.138	.199	.199	.176
	TOTAL OBS	456	423	465	450	465	449	465	465	450	465	446	465	5464
ALL HOURS	MEAN	29.625	29.552	29.485	29.446	29.430	29.416	29.465	29.453	29.466	29.532	29.596	29.620	29.507
	S D	.208	.205	.211	.181	.126	.094	.078	.079	.108	.217	.204	.204	.183
	TOTAL OBS	3702	3384	3719	3600	3720	3598	3720	3720	3599	3719	3566	3906	43953

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13928 (STATION) WACO TEXAS/JAMES CONNALLY AFB (STATION NAME) 48-63 (YEARS)

HRS (LST)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	1020.9	1018.3	1016.0	1014.3	1013.6	1012.9	1014.5	1014.2	1014.6	1017.2	1019.5	1020.8	1016.4
	S D	7.232	7.092	7.139	6.157	4.305	3.003	2.444	2.440	3.445	4.795	7.047	6.972	6.149
	TOTAL OBS	465	423	463	449	465	450	465	465	450	464	450	496	5505
03	MEAN	1020.7	1018.0	1015.6	1014.0	1013.3	1012.8	1014.6	1014.2	1014.6	1017.1	1019.4	1020.5	1016.3
	S D	7.258	7.112	7.142	6.113	4.286	3.043	2.409	2.405	3.459	4.880	7.118	7.058	6.152
	TOTAL OBS	465	423	464	450	465	450	465	465	450	465	449	495	5506
06	MEAN	1020.8	1018.3	1016.2	1014.7	1014.2	1013.7	1015.4	1015.0	1015.3	1017.8	1019.9	1020.7	1016.8
	S D	7.469	7.169	7.309	6.143	4.253	3.074	2.455	2.436	3.581	4.970	7.222	7.152	6.135
	TOTAL OBS	465	423	465	450	465	450	465	465	450	465	450	496	5509
09	MEAN	1022.3	1019.8	1017.6	1016.0	1015.2	1014.5	1016.3	1016.0	1016.4	1019.1	1021.3	1022.1	1019.1
	S D	7.456	7.232	7.473	6.381	4.314	3.133	2.463	2.468	3.722	5.051	7.290	7.294	6.287
	TOTAL OBS	465	423	465	450	465	449	465	465	450	465	450	496	5508
12	MEAN	1021.7	1019.4	1017.0	1015.4	1014.5	1013.9	1015.5	1015.1	1015.6	1018.1	1020.3	1021.2	1017.3
	S D	7.448	7.279	7.503	6.315	4.244	3.098	2.509	2.502	3.787	4.949	7.240	7.328	6.275
	TOTAL OBS	465	423	465	449	465	450	465	465	450	465	450	496	5508
15	MEAN	1019.5	1016.9	1014.6	1013.2	1012.8	1012.2	1013.6	1013.0	1013.4	1015.9	1018.2	1019.1	1015.2
	S D	7.293	7.183	7.395	6.304	4.226	3.062	2.563	2.514	3.681	4.890	7.087	7.232	6.161
	TOTAL OBS	465	423	464	450	465	450	465	465	450	465	448	496	5506
18	MEAN	1019.9	1016.9	1014.0	1012.4	1011.7	1011.1	1012.5	1012.0	1013.0	1015.8	1018.5	1019.6	1014.8
	S D	7.223	7.082	7.278	6.268	4.195	3.129	2.546	2.535	3.553	4.894	7.041	7.089	6.339
	TOTAL OBS	456	423	464	450	465	450	465	465	450	465	450	465	5468
21	MEAN	1020.7	1017.8	1015.2	1013.6	1012.7	1012.0	1013.4	1013.1	1014.2	1016.9	1019.5	1020.5	1015.8
	S D	7.243	7.051	7.224	6.225	4.186	3.107	2.517	2.544	3.514	4.867	7.026	6.995	6.296
	TOTAL OBS	456	423	464	450	465	449	465	465	450	465	450	465	5467
ALL HOURS	MEAN	1020.8	1018.2	1015.8	1014.2	1013.5	1012.9	1014.5	1014.1	1014.6	1017.2	1019.6	1020.6	1016.3
	S D	7.369	7.206	7.387	6.326	4.375	3.254	2.751	2.759	3.745	5.015	7.185	7.188	6.306
	TOTAL OBS	3702	3384	3714	3598	3720	3598	3720	3720	3600	3719	3597	3905	43977

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