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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SMYRNA, TENNESSEE/SEWART AFB WBAN # 13827
N 36 00 W 086 32 ELEV 535 FT KSYM WMO #

PARTS A-F
POR FROM HOURLY OBS AUG 42-JAN 46, SEP 46-JUN 47,
JAN 49-DEC 66
POR FROM DAILY OBS OCT 42-JAN 46, SEP 46-JUN 47,
JAN 49-JUN 65

FEDERAL BUILDING
ASHEVILLE, N. C.

79 10 26 102

89-4820/a

Review and Approval Statement

This report is approved for public release. These is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

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

Susan V. Berry

SUSAN V. BERRY, 2 Lt, USAF
Information Retrieval
Manager

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)*

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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 Sewart AFB, Smyra, Tennessee

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

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

* Tennessee * Sewart AFB, Tn

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.
13827	SMYRNA TENNESSEE/SEWART A=B	N 36 00	W 086 32	535	KSYM	

PERIOD OF RECORD

FOR HOURLY OBSERVATIONS	AUG 42-JAN 46, SEP 46-JUN 47, JAN 49-DEC 66
FOR DAILY OBSERVATIONS	OCT 42-JAN 46, SEP 46-JUN 47, JAN 49-JUN 65

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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AIR WEATHER SERVICE (MAC)
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.

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

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

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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 combinations of smoke and haze are included.

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

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

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

13827	SMYRNA TENNESSEE/SEWART AFB	42-47,49-66	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.3	13.5	.6	3.3		17.1	17.0	17.7	.1	.3	31.0	17059
FEB		.5	12.8	.3	2.7		15.2	12.5	16.0	.1	.2	26.7	14898
MAR		.9	11.1	.3	2.3		13.3	8.8	10.0	.0	.3	17.7	16366
APR		1.4	9.6		.1	.0	9.6	5.4	5.0		.1	9.7	15840
MAY		1.7	6.9				6.9	6.2	4.8		.1	9.8	16363
JUN		2.0	5.3				5.3	5.5	6.6		.0	10.7	15689
JUL		2.2	4.2				4.2	6.0	8.4			12.4	15619
AUG		1.7	4.1				4.1	8.2	7.9		.0	14.3	16004
SEP		.7	5.9				5.9	9.9	7.8			15.4	16555
OCT		.3	5.8		.0		5.8	8.4	10.2		.3	16.8	17107
NOV		.3	8.7	.0	.9		9.6	9.8	14.3	.1		22.1	16559
DEC		.2	11.9	.1	2.7	.0	14.5	14.2	17.7	.0	.3	28.4	17102
TOTALS		1.0	8.3	.1	1.0	.0	9.3	9.4	10.6	.0	.1	18.0	195161

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WEATHER CONDITIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (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	14.5	.5	3.1		17.5	18.6	16.1	.1		29.8	2133
	03-05	.3	13.2	1.2	3.7		17.3	19.9	17.2	.1		32.0	2133
	06-08	.5	15.0	.8	4.1		19.5	21.9	22.5	.0	.0	38.5	2132
	09-11	.1	13.3	.5	3.9		17.6	18.1	20.5	.1	.1	35.1	2132
	12-14	.3	13.3	.4	3.0		16.6	13.1	15.9	.1	.1	26.8	2132
	15-17	.3	12.7	.2	2.9		15.4	13.0	16.2	.1		27.1	2133
	18-20	.2	12.7	.7	3.0		16.0	14.9	16.7	.1		29.0	2132
	21-23	.4	13.5	.1	3.0		16.5	16.6	16.9			30.0	2132
TOTALS		.3	13.5	.6	3.3		17.1	17.0	17.7	.1	.0	31.0	17059

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WEATHER CONDITIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.0	14.4		2.7		16.8	13.1	16.3	.1	.2	27.9	1863
	03-05	.4	14.8	.1	4.1		18.5	16.0	17.5		.2	30.8	1863
	06-08	.2	13.0	.1	4.1		16.9	20.6	22.6	.3	.2	39.1	1861
	09-11	.2	11.6	.1	2.9		14.3	13.0	17.6	.2	.1	28.2	1863
	12-14	.4	11.0		2.2		13.2	8.4	12.6		.2	20.3	1862
	15-17	.3	11.7		1.8		13.3	8.7	11.9		.1	20.1	1862
	18-20	.8	12.2		1.3		13.5	9.7	13.8	.1	.2	22.5	1863
	21-23	.6	13.3	.1	2.1		15.3	10.4	16.2		.1	25.0	1861
TOTALS		.5	12.8	.0	2.7		15.2	12.5	16.0	.1	.2	26.7	14898

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WEATHER CONDITIONS

13827 (STATION) | SMYRNA TENNESSEE/SEWART AFB (STATION NAME) | 43-45,47,49-66 (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	1.3	11.0		2.9		13.8	8.9	10.3		.1	17.7	2046
	03-05	.9	12.7		2.7		15.3	12.2	12.7			22.5	2046
	06-08	.7	10.3	.0	3.3		13.3	14.8	16.5		.2	28.3	2046
	09-11	.5	9.2	.2	2.7		11.8	8.4	10.6	.0	.6	18.7	2046
	12-14	.7	10.2	.0	1.8		11.9	5.8	6.9		.6	12.8	2046
	15-17	1.0	11.9		1.5		13.4	6.0	6.3		.2	11.9	2045
	18-20	.8	12.0		1.6		13.5	6.9	7.8		.5	14.3	2045
	21-23	1.3	11.4		2.2		13.5	7.2	9.0		.3	15.7	2046
TOTALS		.9	11.1	.0	2.3		13.3	8.8	10.0	.0	.3	17.7	16366

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WEATHER CONDITIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &, OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.8	10.3				10.3	6.5	6.1			11.3	1980
	03-05	2.0	11.0				11.0	10.4	7.9		.1	16.3	1980
	06-08	1.3	11.5		.1		11.5	9.6	8.9		.3	16.7	1980
	09-11	.6	8.1				8.1	4.2	3.4		.3	7.5	1980
	12-14	1.2	8.3		.1	.1	8.3	3.1	2.7		.3	6.0	1980
	15-17	1.2	8.2		.2		8.3	2.8	3.0		.1	5.7	1980
	18-20	1.6	8.9		.1		9.0	2.8	3.7			6.2	1980
	21-23	1.8	10.5		.1		10.6	4.2	4.4			8.0	1980
TOTALS		1.4	9.6		.1	.0	9.6	5.4	5.0		.1	9.7	15840

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WEATHER CONDITIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	2.3	6.7				6.7	8.2	5.9		.0	12.3	2046
	03-05	1.7	7.7				7.7	18.0	8.4			22.4	2045
	06-08	1.2	7.8				7.8	11.0	8.1			16.8	2045
	09-11	1.2	6.1				6.1	3.3	3.5			6.2	2046
	12-14	1.5	7.0				7.0	2.1	2.2			3.7	2045
	15-17	2.0	6.4				6.4	1.5	2.5		.1	3.9	2046
	18-20	2.3	6.9				6.9	2.6	4.1		.1	6.5	2046
	21-23	1.8	6.9				6.9	3.0	3.9		.1	6.7	2044
TOTALS		1.7	6.9				6.9	6.2	4.8		.1	9.8	16363

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WEATHER CONDITIONS

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,47,49-66	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.4	4.7				4.7	6.8	7.8			12.7	1962
	03-05	1.7	5.2				5.2	19.4	11.8			25.5	1962
	06-08	1.0	4.8				4.8	10.1	10.0			17.8	1962
	09-11	.7	4.4				4.4	1.8	4.3			5.8	1962
	12-14	3.0	5.9				5.9	.8	3.8			4.5	1962
	15-17	3.6	6.3				6.3	1.1	3.3		.1	4.3	1962
	18-20	3.0	6.4				6.4	1.6	5.2		.1	6.5	1959
	21-23	1.8	4.4				4.4	2.5	6.3			8.2	1958
TOTALS		2.0	5.3				5.3	5.5	6.6		.0	10.7	15689

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WEATHER CONDITIONS

13827 — STATION
SMYRNA TENNESSEE/SEWART AFB — STATION NAME
43-45,49-66 — YEARS
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.2	3.0				3.0	8.1	10.0			14.6	1953
	03-05	.8	3.1				3.1	22.0	12.8			28.0	1953
	06-08	.9	3.7				3.7	12.1	13.9			22.0	1951
	09-11	1.4	4.0				4.0	1.1	8.2			9.1	1951
	12-14	4.4	5.7				5.7	.5	4.9			5.2	1953
	15-17	4.5	5.9				5.9	.6	4.4			4.9	1952
	18-20	2.9	4.6				4.6	.9	5.6			6.5	1953
	21-23	1.6	3.5				3.5	2.4	7.5			9.0	1953
TOTALS		2.2	4.2				4.2	6.0	8.4			12.4	15619

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WEATHER CONDITIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (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	2.8				2.8	10.7	8.7			16.7	2001
	03-05	.9	3.4				3.4	26.0	12.9			33.4	1999
	06-08	.9	4.0				4.0	19.5	16.1			30.8	2001
	09-11	.7	4.4				4.4	2.9	7.1			9.7	2001
	12-14	2.4	4.7				4.7	1.0	4.2			5.0	1999
	15-17	4.3	5.6				5.6	.6	3.5			4.1	2001
	18-20	2.0	4.5				4.5	1.1	4.5		.1	5.3	2001
	21-23	1.2	3.3				3.3	3.5	6.4		.1	9.0	2001
TOTALS		1.7	4.1				4.1	8.2	7.9		.0	14.3	16004

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WEATHER CONDITIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	.7	4.8				4.8	13.7	10.0			19.4	2070
	03-05	.5	6.4				6.4	23.8	11.5			30.0	2070
	06-08	.2	7.0				7.0	21.5	13.0			29.8	2069
	09-11	.4	6.2				6.2	5.1	5.8			10.5	2070
	12-14	1.1	6.8				6.8	2.7	3.5			6.1	2069
	15-17	1.4	6.2				6.2	2.3	3.9			6.0	2070
	18-20	.7	5.1				5.1	3.2	6.2			8.8	2070
	21-23	.6	4.9				4.9	6.5	8.1			12.9	2067
TOTALS		.7	5.9				5.9	9.9	7.8			15.4	16555

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

WEATHER CONDITIONS

13827 — STATION
SMYRNA TENNESSEE/SEWART AFB — STATION NAME
42-46,49-66 — 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	.3	5.3				5.3	10.3	11.6			19.3	2136
	03-05	.3	6.3				6.3	18.7	14.2			28.3	2139
	06-08	.1	6.0				6.0	19.1	19.6			33.1	2139
	09-11	.1	6.3				6.3	5.4	10.6			15.3	2139
	12-14	.3	6.1		.0		6.1	2.4	5.2			7.4	2138
	15-17	.3	5.9				5.9	3.0	4.8		.0	7.6	2139
	18-20	.4	6.0				6.0	3.0	7.2		.1	9.9	2139
	21-23	.1	4.9				4.9	5.2	8.9			13.4	2138
TOTALS		.3	5.8		.0		5.8	8.4	10.2		.0	16.8	17107

DATA PROCESSING DIVISION
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WEATHER CONDITIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	.1	8.9		.7		9.5	10.2	15.2			23.1	2069
	03-05	.8	10.8		.9		11.6	14.2	17.7			29.1	2070
	06-08	.3	9.5	.1	.9		10.5	19.8	23.7			37.0	2070
	09-11	.1	8.0		1.3		9.3	9.9	15.1	.1		23.3	2070
	12-14	.2	8.6		1.4		9.9	6.3	9.7	.1		14.8	2070
	15-17	.3	7.6		.9		8.3	5.8	9.3	.1		14.3	2070
	18-20	.2	7.8		.8		8.5	5.5	11.0	.1		16.1	2070
	21-23	.2	8.4		.6		8.9	7.0	12.9	.1		19.0	2070
TOTALS		.3	8.7	.0	.9		9.6	9.8	14.3	.1		22.1	16559

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

WEATHER CONDITIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	11.1	.1	2.8	.0	13.9	13.5	17.6			27.4	2138
	03-05	.2	12.9	.2	2.5		15.5	16.0	18.8	.0		30.9	2139
	06-08	.0	12.5	.1	2.9		15.3	18.8	25.3	.0		39.4	2139
	09-11	.2	11.3		2.9		14.1	15.3	20.3			31.5	2138
	12-14		10.7	.0	2.2		12.8	11.1	13.4		.1	21.8	2132
	15-17	.2	12.1	.1	2.5		14.5	11.5	13.6		.1	22.5	2139
	18-20	.3	12.3	.2	2.8		15.2	12.9	15.3	.1		25.4	2139
	21-23	.1	12.1	.2	2.9		15.1	14.3	17.6	.1		28.6	2138
TOTALS		.2	11.9	.1	2.7	.0	14.5	14.2	17.7	.0	.0	28.4	17102

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
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ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

13827	SMYRNA TENNESSEE/SEWART AFB	46-47,49-65	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	5.6	46.9	3.1	16.5	.7	55.2	44.8	40.0	.9	.3	61.8	587
FEB		6.7	47.3	.6	14.8	.4	52.8	44.5	41.9	1.4	.2	61.2	508
MAR		13.1	46.5	.5	11.3	.5	51.6	36.0	37.5	.2		53.9	558
APR		16.9	51.8		1.1	1.3	51.9	26.1	18.3			33.1	540
MAY		22.2	41.7			1.1	42.1	30.6	21.3			37.5	558
JUN		27.4	44.1			.2	43.7	33.8	21.8		.2	41.1	533
JUL		33.3	46.0			.2	46.2	34.3	26.8			42.3	496
AUG		23.0	37.5				37.5	45.4	35.9			53.6	496
SEP		10.2	31.7				29.8	40.2	28.8			47.8	510
OCT		4.6	31.3		.4	.2	29.6	38.5	30.9			49.9	527
NOV		4.1	40.0	.2	6.7	.2	42.4	35.9	36.5			52.0	510
DEC		3.8	43.5	1.3	12.7	.2	49.9	37.6	39.3	.6		58.1	527
TOTALS		14.1	42.4	.5	5.4	.4	44.5	37.2	31.6	.3	.1	49.4	6350

1210 WS FORM JULY 64 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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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
U. S. 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, ~~but has been removed from this summary.~~

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-47,49-65 (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	47.2	16.8	3.1	6.6	3.1	7.1	5.9	5.4	4.2	.5				36.0	589	4.79	16.59	1.22
FEB	45.0	15.0	2.1	7.1	5.1	6.4	6.9	8.7	3.2	.5				40.0	565	4.78	10.85	.99
MAR	47.5	13.2	3.2	6.5	4.3	6.0	7.8	7.2	3.8	.5				39.3	651	5.10	9.48	1.54
APR	48.3	17.3	2.7	5.0	4.3	6.3	6.3	5.5	4.2					34.3	600	4.16	8.84	1.10
MAY	57.0	11.8	2.2	4.3	3.4	7.2	5.5	5.8	2.8					31.2	651	3.73	6.52	1.37
JUN	57.2	12.2	1.3	6.7	2.2	5.8	5.8	6.0	2.3	.5				30.7	600	4.08	11.01	.81
JUL	55.2	14.6	1.7	4.4	3.7	6.3	7.1	4.4	2.5					30.2	589	3.35	7.61	.94
AUG	61.8	15.4	1.9	3.9	1.2	3.6	4.4	5.1	2.4	.3				22.7	589	3.51	8.81	1.07
SEP	67.7	10.2	1.8	3.2	1.6	5.1	3.3	3.5	3.3	.4				22.1	570	3.36	7.32	.11
OCT	69.3	10.9	1.0	2.9	3.7	4.4	3.2	2.9	1.7					19.9	589	2.08	5.57	.00
NOV	58.0	12.3	2.3	5.0	2.5	6.0	6.7	4.7	2.3	.2				29.7	600	3.22	9.02	.41
DEC	49.2	16.4	1.7	7.1	3.7	6.0	5.8	6.1	3.8	.2				34.4	651	4.64	11.45	1.34
ANNUAL	55.1	13.9	2.1	5.2	3.2	5.9	5.8	5.5	3.1	.2				31.0	7244	46.81		

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

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EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-47,49-65 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											1.00	1.22	
43	1.03	.60	1.57	.68	1.55	1.00	1.35	.79	1.34	.43	.68	2.02	2.02
44	1.52	3.89	2.05		2.24	.96	1.04	4.45	3.14	.55	1.16	2.32	
45	.89	2.18	.59	1.83	1.26	1.97	.77	1.68	1.68	.63	2.52	.79	2.52
46												.80	
47	1.44	.37	.79	.75	1.14								
49			1.25	.96	1.73	2.44	2.11	.69	1.56	1.93	.23	2.17	
50	2.40	2.11	1.08	.51	1.45	2.71	2.11	1.31	2.12	.53	1.42	.99	2.71
51		.80	1.01	1.42	.50	1.24	.90	.59	1.30	2.17	1.49	3.17	
52	1.34	.89	2.58	.81	.57	.31	.40	.56	.98	.87	.81	.76	2.58
53	1.36	1.61	.82	1.75	1.04	1.17	.86	1.00	.68	.12	.29	.84	1.75
54	3.08	1.93	1.34	1.59	1.00	.90	.38	.81	1.48	.93	.39	2.40	3.08
55	1.00	1.86	3.45	1.08	1.09	.62	1.29	2.45	1.50	.52	.77	1.58	3.45
56	3.55	2.71	.89	1.95	.52	.43	.54	1.81	.07	1.15	.95	2.49	3.55
57	2.43	.96	.58	1.30	1.28	1.41	.37	1.56	2.47	1.36	1.98	.97	2.47
58	1.36	.66	.87	1.29	.75	.87	1.48	1.54	3.24	.80	1.08	.99	3.24
59	.72	.80	1.00	.74	1.30	.87	1.46	.72	1.54	.82	1.41	1.34	1.54
60	.82	1.33	1.74	.42	.60	4.22	.51	1.13	1.90	1.22	.81	1.29	4.22
61	.57	.99	1.18	1.51	1.67	1.67	.90	1.54	.26	.27	.69	2.17	2.17
62	3.02	3.22	1.06	2.06	.62	1.97	1.07	.92	1.57	1.69	1.85	.57	3.22
63	.38	.69	3.80	1.72	.71	.90	1.31	4.26	1.02	.00	.82	.97	4.26
64	1.03	.66	1.91	1.89	2.39	.30	1.15	1.49	2.08	1.07	1.05	1.73	2.39
65	1.22	1.32	2.26	1.47	.72	.70							
24HR MAX	3.6	3.9	3.8	2.1	2.4	4.2	2.1	4.5	3.2	2.2	2.5	3.2	4.5
MEAN	1.53	1.48	1.52	1.29	1.15	1.33	1.05	1.54	1.58	.90	1.07	1.48	2.82
S D	.915	.957	.890	.512	.545	.955	.520	1.107	.826	.589	.578	.752	.803
TOTAL OBS.	589	565	651	600	651	600	589	589	570	589	600	651	7244

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

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 46-47,49-65 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	83.9	11.6	1.9	.8	.8	.4	.4	.2	.2					4.6	527	2.4	8.0	.0
FEB	85.6	8.7	1.0	2.0	1.4	.4	.6		.4					5.7	508	3.0	17.6	.0
MAR	89.1	7.0	1.3	1.6	.2	.4	.4	.2						3.9	558	1.6	12.6	.0
APR	98.7	1.3													540	TRACE	TRACE	.0
MAY	99.3	.7													558	TRACE	TRACE	.0
JUN	100.0														510	.0	.0	.0
JUL	99.8	.2													496	TRACE	TRACE	.0
AUG	100.0														496	.0	.0	.0
SEP	100.0														510	.0	.0	.0
OCT	99.4	.6													527	TRACE	TRACE	.0
NOV	93.7	5.1	.2	.8		.2								1.2	510	.4	4.0	.0
DEC	88.0	8.2	2.3	.6	.4	.2		.4						3.8	527	1.3	9.2	.0
ANNUAL	94.7	3.6	.6	.5	.2	.1	.1	.1	.0					1.6	6267	8.6		

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

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 46-47,49-65 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46									.0	.0	.0	.0	
47	TRACE	3.8	.7	.0	.0								
49	3.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0
50	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	3.0	1.1	3.0
51	1.8	2.6	3.2	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	.2	3.2
52	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.1	TRACE	1.1
53	TRACE	TRACE	.0	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
54	TRACE	TRACE	TRACE	.0	.0	.0	TRACE	.0	.0	TRACE	.5	.1	.5
55	3.7	2.8	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	3.7
56	4.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.5
57	TRACE	.0	3.8	.0	.0	.0	.0	.0	.0	.0	1.2	.3	3.8
58	.2	1.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.8
59	.3	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.7
60	7.6	9.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	9.1
61	2.0	1.6	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	2.0
62	2.5	.6	.9	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	4.9	4.9
63	2.3	4.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.6	4.6
64		4.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	
65	4.0	2.0	1.6	.0	.0	.0							
24HR MAX	7.6	9.1	6.0	#	#	0	0	0	0	#	1.0	4.9	9.1
MEAN	1.88	1.84	.91	TRACE	TRACE	.00	TRACE	.00	.00	TRACE	.34	.72	3.06
S. D.	2.176	2.357	1.692	.000	.000	.000	.000	.000	.000	.000	.787	1.548	2.289
TOTAL OBS.	527	508	558	540	558	510	496	496	510	527	510	527	6267

1210 WS FORM JUL 64 0-88-5 (Del 70)

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWDEPTH (FROM DAILY OBSERVATIONS)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-47,49-65 (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	88.9	6.1	2.2	1.1	.6	.9	.2							4.9	651			
FEB	87.2	3.9	4.2	1.7	1.5	1.3	.2							8.9	593			
MAR	95.5	2.3	.9	.8	.2	.3								2.2	651			
APR	100.0														630			
MAY	100.0														651			
JUN	100.0														600			
JUL	100.0														589			
AUG	100.0														589			
SEP	100.0														600			
OCT	100.0														651			
NOV	97.6	1.4	.3	.3	.2	.2								1.0	630			
DEC	90.9	5.7	1.1	.6	.5	.9	.3							3.4	651			
ANNUAL	96.6	1.7	.7	.4	.2	.3	.1							1.7	7486			

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

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

EXTREME VALUES

SNOWDEPTH
(FROM DAILY OBSERVATIONS)

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-47,49-65 YEARS

DAILY SNOWDEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42										0	0	4	
43	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	0	0	TRACE
44	TRACE	TRACE	0	0	0	0	0	0	0	0	0	7	7
45	1	TRACE	0	0	0	0	0	0	0	0	0	2	2
46									0	0	0	0	
47	0	4	1	0	0								
49	2	1	0	0	0	0	0	0	0	0	0	0	2
50	0	0	0	0	0	0	0	0	0	0	4	2	4
51	1	6	6	0	0	0	0	0	0	0	TRACE	TRACE	6
52	TRACE	0	0	0	0	0	0	0	0	0	1	TRACE	1
53	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
54	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE	TRACE
55	5	3	0	0	0	0	0	0	0	0	0	0	5
56	3	0	0	0	0	0	0	0	0	0	0	0	3
57	0	0	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	TRACE
58	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
59	TRACE	1	0	0	0	0	0	0	0	0	TRACE	TRACE	1
60	7	9	5	0	0	0	0	0	0	0	0	TRACE	9
61	2	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE	2
62	3	1	TRACE	0	0	0	0	0	0	0	0	4	4
63	2	2	0	0	0	0	0	0	0	0	0	7	7
64	4	4	0	0	0	0	0	0	0	0	0	0	4
65	4	2	1	0	0	0							
MEAN	1.6	1.6	.6	.0	.0	.0	.0	.0	.0	.0	.2	1.2	3.1
S D	2.037	2.397	1.658	.000	.000	.000	.000	.000	.000	.000	.889	2.300	2.738
TOTAL OBS.	651	593	651	630	651	600	589	589	600	651	630	651	7486

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

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

PART C SURFACE WINDS

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

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

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

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

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed 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:
13827	SMYRNA TENNESSEE/SEWART AFB	N 36 00	W 086 32	535	KSYM	

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
Aug 42	Smyrna Army Air Field AAF Weather Station	Not available	N/A	N/A	N/A
10/25/48	Smyrna AFB Det 9L 26 Wea Sq	Not available	N/A	N/A	N/A
3/31/50	Sewart AFB Det 9L 26 Wea Sq	Not available	Selsyn ML-151 ML-152	ML-144	N/A
1/14/51	Det 20L 16 Wea Sq	Not available	No change	No change	N/A
6/3/53	Det 4 25 Wea Sq	Located on top of control tower	No change	No change	65 Ft
6/10/54	No change	No change	No change	No change	77 Ft
4/29/55	No change	No change	No change	No change	80 Ft
4/2/56	No change	No change	No change	No change	75 Ft
4/1/58	Det 16 3 Wea Sq	No change	No change	No change	65 Ft
4/13/59	No change	Located approximately 1/4 mile SW of station near runway 32.	AN/GMQ-11	RO-2	15 Ft
4/4/62	No change	Located approximately 1/4 mile NW of ROS	No change	No change	No change
12/1/63	Det 34 25 Wea Sq	No change	No change	No change	No change
4/2/65	Det 16 3 Wea Sq	No change	No change	No change	No change
4/1/66	No change	No change	No change	No change	No change

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)

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 46-47,50-65 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46									NW 34				
47	W 50	NW 38											
50		W 37	SSE 54	SSE 36	WSW 36	S 47	WSW 49	SSW 36	WNW 28	WNW 40	S 39	SSW 39	
51	WNW 44	SSW 40	WNW 52	SW 37	W 42	WSW 55	SSW 37	WNW 33	NW 45	WNW 25	SSW 43	S 34	WSW 55
52	WNW 41	SSW 37	SSW 43	SSE 43	WSW 33	WSW 35	SSW 43	ESE 29	WNW 36	N 36	SE 36	SSE 30	SSW 43
53	SSW 33	SSE 35	SE 36	WSW 36	SSW 42	WNW 61	NNW 43	NW 30	NW 26	N 26	S 31	WSW 37	WNW 61
54	W 38	S 51	SW 44	SW 33	NNW 38	NNW 36	SW 42	WSW 43	NW 40	NNW 43	SSW 30	SW 47	S 51
55	N 35	SW 36	WNW 56	W 43	W 43	WSW 44	SSW 33	WNW 42	N 33	NNW 36	NW 38	SSW 26	WNW 56
56	SE 37	WNW 45	NW 39	W 41	NE 43	W 36	NNW 45	SSE 40	N 28	S 22	NW 36	NNW 27	WNW 45
57		N 31		SW 53	WNW 45	NNW 35	NW 45	E 34	SSE 46	S 34	S 43	SSW 37	
58	SW 36	SW 35	NW 33	NNW 51	NNW 36	N 40	SSW 45	NW 37	NNW 20	NNW 23	SSW 30	SW 24	NNW 51
59	S 45	S 30	SSE 34	SW 33	WNW 26	WNW 26	S 28	WNW 23	SW 23	SSW 25	W 30	N 25	S 45
60	S 23	SW 30	WSW 28	W 27	SSE 26		N 29	NW 35	W 26	WSW 23		NW 29	
61	NW 28	W 33	W 35	SSE 32	WSW 34		W 29	SSE 21	ENE 49	SSE 24	S 33	SSE 26	
62	W 31		W 37		ESE 34	N 26	NNE 21	NNE 25	ESE 20	WNW 25	WNW 29	NW 28	
63	NW 34	N 28	SW 35	S 27	S 23	WNW 31	WNW 30	WNW 27	NNE 23	S 24	SSE 35	WSW 31	SW 35
64	30/ 44	26/ 30	21/ 41	19/ 31	27/ 33	30/ 31	31/ 33	33/ 31	36/ 26	32/ 25	17/ 35	26/ 40	30/ 44
65	23/ 41	29/ 35	23/ 37	24/ 39	28/ 37	31/ 38							
EXT'D	50	51	56	53	45	61	49	43	49	43	43	47	61
MEAN	37.3	35.7	40.3	37.5	35.7	38.6	36.8	32.4	31.4	28.7	34.9	32.0	48.6
S. D.	7.098	5.975	8.172	7.726	6.580	10.172	8.360	6.695	9.395	6.984	4.688	6.719	7.633
TOTAL OBS.	465	449	462	448	491	420	461	460	478	461	420	465	5480

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

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | YEARS

DAILY PEAK GUSTS IN KNOTS
(LESS THAN FULL MONTH)

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	SE 47 2											NW 44 5	DAYS
47			S 39 20										DAYS
49							S 19 1						DAYS
50	SSE 36 10												DAYS
57	NW 36 21		SW 39 26										DAYS
60						NW 37 22					S 30 24		DAYS
61						NNW 18 15							DAYS
62		W 34 15		N 38 23									DAYS
MEAN													
S. D.													
TOTAL OBS.													

1210 WS FORM JUL 64 0-88-5 (OL-I)

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

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-47,49-66 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.6	2.4	.8	.1	.0		.0				7.4	6.7
NNE	.7	1.3	1.2	.3	.0	.0						3.5	6.6
NE	.6	.9	.6	.1	.0	.0	.0					2.2	5.8
ENE	.3	.5	.3	.1	.0	.0						1.1	5.3
E	.6	.5	.2	.0	.0							1.4	4.6
ESE	.7	.8	.3	.0	.0	.0						1.9	4.8
SE	1.7	2.1	1.0	.2	.0	.0	.0					5.1	5.2
SSE	1.6	2.8	2.3	1.0	.2	.0	.0	.0				8.1	7.0
S	1.9	3.2	3.3	1.6	.3	.0	.0	.0	.0			10.3	7.4
SSW	.8	1.4	1.8	1.1	.3	.1	.0	.0	.0			5.4	8.5
SW	.7	1.1	1.4	.7	.2	.0	.0					4.1	8.0
WSW	.4	.8	1.0	.5	.1	.0	.0	.0				2.9	8.3
W	.7	1.2	1.4	.8	.2	.0	.0	.0				4.2	7.9
WNW	.5	.9	1.1	.7	.2	.0	.0	.0				3.5	8.4
NW	1.1	1.7	1.9	.9	.2	.0	.0	.0				5.9	7.6
NNW	.9	1.8	2.1	1.0	.2	.0	.0					6.0	7.7
VARBL													
CALM												26.9	
	14.8	23.5	22.4	9.8	2.1	.4	.0	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 195141

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

1

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	3.6	1.6	.2	.0						9.2	7.8
NNE	.5	1.3	1.4	.6	.1							3.9	7.3
NE	.4	.8	.6	.2	.0							1.9	6.2
ENE	.3	.3	.2	.0								.8	5.2
E	.4	.4	.1	.0								.9	4.5
ESE	.6	.7	.4	.0								1.7	4.9
SE	1.7	2.2	1.4	.3	.0	.0						5.7	5.5
SSE	1.3	2.8	3.3	1.6	.8	.2	.0	.0				10.0	8.7
S	1.2	2.6	4.3	2.2	.5	.1	.0					10.9	8.6
SSW	.4	1.2	1.9	1.4	.6	.1						5.5	9.9
SW	.6	1.0	1.5	.9	.3	.0	.0					4.4	8.7
WSW	.3	.5	.9	.6	.1	.1						2.5	9.0
W	.6	1.3	1.4	.8	.2	.0						4.4	8.1
WNW	.6	1.0	1.4	1.0	.3	.0	.0					4.3	8.7
NW	1.1	1.9	2.9	1.8	.4	.1	.0					8.1	8.6
NNW	.8	1.9	3.0	1.7	.3	.1						7.7	8.5
VARBL													
CALM												18.2	
	12.2	22.5	28.1	14.6	3.7	.7	.0	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 17060

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.9	3.3	1.4	.2	.0						9.1	7.5
NNE	.7	1.4	1.4	.4	.0	.0						3.9	6.7
NE	.5	.9	.7	.3	.0	.0						2.4	6.8
ENE	.3	.5	.3	.1								1.2	5.8
E	.6	.4	.2	.1	.0							1.2	4.9
ESE	.6	.7	.3	.1	.0	.0						1.7	5.4
SE	1.3	1.8	1.1	.3	.1	.0						4.7	6.1
SSE	1.1	2.6	2.8	1.1	.4	.1						8.1	7.9
S	1.0	2.4	3.5	2.1	.4	.1	.0					9.5	8.7
SSW	.5	1.1	2.0	1.5	.7	.2	.0					6.0	10.4
SW	.4	.7	1.1	.9	.3	.1	.0					3.6	9.8
WSW	.3	.8	1.2	.6	.2	.0						3.1	9.0
W	.6	1.2	1.9	1.4	.4	.1		.0				5.5	9.1
WNW	.3	1.0	1.5	1.1	.3	.1						4.3	9.6
NW	.9	2.0	2.4	1.7	.5	.1	.0					7.6	9.1
NNW	.7	2.0	2.9	1.9	.5	.0						8.0	9.0
VARBL													
CALM												20.0	
	11.0	22.2	26.8	15.0	4.0	.9	.1	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 14882

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	3.1	1.2	.1	.0						7.9	7.6
NNE	.7	1.6	1.6	.5	.0							4.4	6.8
NE	.4	1.0	.7	.1								2.2	5.8
ENE	.4	.6	.3	.1		.0						1.3	5.5
E	.4	.6	.3	.0	.0							1.4	5.1
ESE	.6	.8	.7	.1	.0	.0						2.2	6.0
SE	1.2	2.2	1.4	.4	.1	.0	.0					5.3	6.3
SSE	1.2	2.9	2.7	1.7	.4	.0	.0	.0				8.9	8.0
S	1.4	2.7	4.2	2.6	.5	.0			.0			11.3	8.6
SSW	.5	1.0	2.0	1.8	.6	.3	.0	.0				6.3	10.7
SW	.4	.8	1.4	1.1	.4	.1	.0					4.2	10.2
WSW	.3	.7	1.2	.9	.2	.1	.0	.0				3.5	9.9
W	.6	1.1	2.1	1.5	.3	.1	.0	.0				5.8	9.4
WNW	.4	1.0	1.8	1.2	.4	.1	.0	.0				4.9	9.8
NW	.7	1.6	2.2	1.7	.5	.1	.0					6.9	9.4
NNW	.7	1.6	2.4	1.5	.4	.0						6.6	8.8
VARBL													
CALM												16.9	
	10.9	22.6	28.0	16.3	4.1	.9	.1	.0	.0			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 16366

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.2	2.6	.9	.1	.0						6.7	7.3
NNE	.4	1.2	1.3	.4	.0							3.3	6.9
NE	.4	.8	.7	.1	.0							2.0	6.1
ENE	.3	.5	.3	.1								1.3	5.8
E	.6	.6	.3	.1	.0							1.6	5.0
ESE	.6	.7	.3	.1	.0	.0						1.7	5.4
SE	1.1	1.7	1.0	.4	.0	.0						4.2	5.8
SSE	1.4	3.0	3.0	1.3	.3	.1	.0					9.2	7.7
S	1.5	3.3	5.2	2.9	.5	.2	.0	.0				13.6	8.7
SSW	.6	1.3	3.0	2.4	.5	.1	.0		.0			7.9	9.9
SW	.5	.7	1.8	1.5	.4	.1						4.9	10.1
WSW	.3	.7	1.0	.9	.3	.2	.0					3.4	10.4
W	.5	1.0	1.3	1.1	.4	.1	.0	.0				4.3	9.6
WNW	.4	.8	1.7	1.3	.3	.2	.0					4.7	9.9
NW	.8	1.3	2.3	1.3	.3	.0	.0					6.1	8.7
NNW	.7	1.6	2.0	1.0	.1	.0						5.6	7.9
VARBL													
CALM												19.6	
	11.0	21.5	27.8	15.6	3.5	.9	.1	.0	.0			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 15839

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.3	2.1	1.9	.5	.1	.0						5.9	6.5
NNE	.7	1.2	1.2	.3	.0							3.5	6.5
NE	.5	.9	.6	.1	.0							2.1	5.8
ENE	.4	.4	.3	.0								1.1	5.4
E	.8	.5	.3	.0								1.6	4.5
ESE	.8	.7	.3	.1								1.9	4.6
SE	1.7	1.9	1.1	.2	.0							4.9	5.2
SSE	1.6	2.6	2.3	.9	.1	.0						7.6	6.8
S	2.1	3.3	3.3	1.5	.3	.0						10.6	7.2
SSW	1.0	2.0	2.1	1.1	.2	.0						6.6	7.6
SW	.8	1.3	1.8	.7	.2	.0	.0					4.8	7.9
WSW	.4	.8	1.2	.6	.1	.0						3.1	8.2
W	.6	1.5	1.5	.7	.1	.0						4.5	7.5
WNW	.4	.9	1.1	.4	.1	.0						3.0	7.9
NW	1.1	1.5	1.3	.4	.1	.0						4.4	6.6
NNW	.8	1.6	1.3	.6	.2	.0						4.5	7.2
VARBL													
CALM												29.9	
	14.9	23.2	21.8	8.2	1.7	.2	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 16361

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.3	2.3	1.6	.4	.0							5.7	5.9
NNE	.5	1.2	1.0	.1								2.9	6.0
NE	.6	.9	.6	.1								2.3	5.4
ENE	.4	.6	.3	.0								1.4	5.2
E	.8	.6	.2	.0	.0							1.6	4.4
ESE	.8	.7	.4	.0								1.9	4.7
SE	1.7	2.4	.8	.1	.0							5.0	4.7
SSE	1.8	2.1	1.4	.4	.0	.0						5.9	5.7
S	2.8	3.7	2.5	.9	.1	.0						10.1	6.1
SSW	1.1	1.7	1.8	.8	.2	.0	.0					5.5	7.2
SW	1.1	1.7	2.0	.8	.1	.0						5.7	7.3
WSW	.6	1.0	1.2	.6	.1	.0						3.5	7.4
W	.3	1.4	1.5	.6	.3	.0						4.6	7.0
WNW	.6	.7	.7	.3	.0	.0	.0	.0				2.4	6.9
NW	1.1	1.3	1.0	.3	.0	.0		.0				3.8	6.1
NNW	.8	1.3	1.5	.4	.0							4.1	6.7
VARBL													
CALM												33.8	
	16.9	23.8	18.7	5.9	.7	.1	.0	.0				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 15689

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (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	1.7	2.5	1.5	.4	.0			.0				6.1	5.6
NNE	.8	1.3	1.2	.2	.0	.0						3.5	6.0
NE	.6	1.1	.6	.1	.0	.0						2.5	5.6
ENE	.4	.6	.3	.0								1.3	5.1
E	.6	.9	.3	.0	.0							1.8	4.8
ESE	.9	.8	.2	.0								1.9	4.3
SE	1.8	1.7	.6	.1								4.2	4.5
SSE	2.0	2.7	1.4	.3	.0							6.4	5.3
S	2.7	3.9	2.5	.4	.0							9.5	5.5
SSW	1.0	1.9	1.7	.5	.0	.0						5.1	6.4
SW	1.0	1.6	1.5	.4	.1							4.6	6.5
WSW	.6	1.1	1.2	.4	.0	.0						3.4	7.0
W	1.1	1.6	1.4	.5	.1	.0						4.6	6.5
WNW	.6	.9	.7	.2	.0	.0	.0	.0				2.5	6.2
NW	1.2	1.4	1.0	.2	.0							3.8	5.6
NNW	.9	1.3	1.0	.3	.0	.0						3.5	6.0
VARBL													
CALM												35.2	
	17.9	25.4	17.1	4.0	.3	.1	.0	.0				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 15619

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.7	1.7	.3	.0							6.4	5.7
NNE	.6	1.4	1.2	.2								3.5	6.2
NE	.6	1.2	.7	.1	.0							2.7	5.4
ENE	.3	.6	.2	.1	.0							1.2	5.4
E	.9	1.0	.3	.0	.0							2.2	4.4
ESE	1.0	.9	.2	.0								2.2	4.1
SE	2.1	2.3	.6	.0								5.1	4.3
SSE	1.7	2.4	1.0	.2	.0							5.4	5.2
S	2.3	3.8	2.2	.4	.0	.0						8.8	5.6
SSW	1.0	1.5	1.4	.3	.0	.0						4.2	6.1
SW	.6	1.4	1.2	.3	.0							3.6	6.5
WSW	.4	.9	.9	.3	.0	.0						2.6	6.9
W	.7	1.2	1.3	.4	.0			.0				3.6	6.7
WNW	.6	1.0	.7	.1	.0		.0					2.5	6.0
NW	1.4	1.9	1.2	.3	.0	.0		.0				4.8	5.6
NNW	1.0	2.1	1.6	.5	.0	.0						5.3	6.4
VARBL													
CALM												35.9	
	17.0	26.5	16.5	3.7	.3	.0	.0	.0				100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 16005

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	2.1	3.5	2.2	.5	.1							8.3	5.8
NNE	.9	1.3	1.4	.4	.0	.0						4.0	6.5
NE	1.0	1.2	.8	.1	.0	.0						3.1	5.3
ENE	.4	.6	.3	.1	.0							1.4	5.6
E	.7	.8	.3	.1								1.9	4.8
ESE	1.1	1.1	.4	.0								2.6	4.5
SE	2.3	2.2	.9	.2	.0							5.6	4.7
SSE	2.1	2.7	1.8	.5	.0							7.1	5.7
S	2.5	3.1	2.3	.6	.0							8.5	5.8
SSW	.8	1.4	1.3	.5	.1							4.1	6.8
SW	1.0	1.1	1.2	.3	.0							3.6	6.0
WSW	.4	.6	.5	.2	.0							1.7	6.3
W	.6	.8	.7	.1	.0	.0						2.3	5.9
WNW	.7	.8	.5	.2	.0		.0					2.1	5.7
NW	1.7	1.5	1.1	.4	.0	.0						4.7	5.6
NNW	1.2	1.8	1.5	.3	.0							4.8	6.0
VAPBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	34.0	
	19.6	24.4	17.3	4.4	.3	.0	.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 16554

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	2.2	2.7	2.1	.9	.1	.0						8.0	6.2
NNE	.7	1.1	1.0	.3	.0	.0						3.1	6.3
NE	.6	.7	.3	.2	.0							1.8	5.4
ENE	.4	.2	.2	.0								.8	5.0
E	.7	.3	.1	.0	.0							1.2	4.0
ESE	.8	.8	.2	.0	.0							1.8	4.3
SE	2.2	2.0	.6	.1	.0							4.9	4.4
SSE	2.0	2.6	1.6	.6	.1							7.0	5.9
S	2.1	2.9	2.2	.9	.1	.0						8.2	6.2
SSW	.9	1.1	1.2	.5	.1	.0						3.8	7.1
SW	.9	1.0	.8	.5	.0	.0						3.2	6.5
WSW	.5	.6	.6	.2	.1	.0						2.0	6.9
W	.7	.9	.8	.3	.1							2.7	6.5
WNW	.8	1.1	1.0	.5	.1							3.4	7.0
NW	1.6	2.5	2.1	.8	.1	.0						7.1	6.5
NNW	1.2	2.3	2.4	1.0	.1	.0						7.0	7.1
VARBL													
CALM												34.2	
	18.2	22.7	17.1	6.8	.8	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 17105

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.9	2.5	.7	.1	.0						7.8	6.5
NNE	.4	.9	.7	.2	.0							2.3	6.3
NE	.5	.5	.4	.1								1.5	5.7
ENE	.2	.2	.1	.0								.6	4.6
E	.4	.2	.0	.0								.7	3.7
ESE	.5	.6	.2	.0	.0							1.4	4.7
SE	1.8	2.4	1.3	.4	.0							5.8	5.5
SSE	1.7	3.5	3.1	1.5	.2	.0						10.1	7.2
S	1.6	2.9	3.8	2.0	.6	.1						11.0	8.2
SSW	.6	1.0	1.9	1.0	.4	.0	.0					4.9	9.0
SW	.6	.9	1.1	.6	.1	.0						3.3	7.6
WSW	.4	.6	.9	.5	.2	.0						2.6	8.6
W	.7	1.0	1.4	.8	.2	.0						4.1	8.3
WNW	.6	.9	1.3	1.0	.3	.0						4.1	9.0
NW	1.1	1.8	2.4	1.3	.3	.1						7.0	8.1
NNW	1.1	2.1	2.8	1.3	.3	.0	.0					7.6	8.0
VARBL													
CALM												25.2	
	13.9	22.4	24.0	11.5	2.7	.4	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 16558

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.8	2.6	1.0	.2	.0						8.1	7.1
NNE	.6	1.1	1.1	.4	.0	.0						3.3	6.8
NE	.5	.8	.6	.1	.0		.0					2.0	5.7
ENE	.3	.4	.1	.0								.9	5.0
E	.5	.4	.1	.0								1.0	4.1
ESE	.7	.9	.3	.0	.0							1.9	4.7
SE	1.9	2.7	1.3	.2	.1	.0						6.1	5.4
SSE	1.5	3.9	3.2	1.6	.5	.1	.0					10.8	7.7
S	1.4	3.3	4.1	2.1	.5	.1						11.4	8.1
SSW	.6	1.2	1.8	1.0	.3	.1	.0					4.9	8.7
SW	.6	.9	1.4	.8	.2	.0						4.0	8.3
WSW	.4	.8	1.2	.7	.2	.0						3.2	8.6
W	.6	1.3	1.5	.9	.2	.0	.0					4.6	8.1
WNW	.5	.8	1.1	.8	.2	.1	.0					3.5	9.0
NW	1.1	1.9	2.2	1.2	.2	.0	.0					6.7	7.7
NNW	.8	1.7	2.7	1.4	.3	.1						7.0	8.5
VARBL													
CALM												20.6	
	13.6	24.8	25.5	12.1	2.8	.5	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 17103

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	3.8	1.0	.3	.0						8.9	7.8
NNE	.6	1.0	1.4	.3	.1							3.4	7.0
NE	.4	.3	.8	.1								1.6	7.1
ENE	.1	.1	.1									.3	4.7
E	.2	.2										.5	3.8
ESE	1.0	1.1	.4									2.5	4.6
SE	1.7	2.8	1.4	.2	.1							6.1	5.5
SSE	1.4	3.1	2.8	1.2	.9	.2	.0					9.6	8.4
S	1.3	2.2	3.7	1.8	.6	.0						9.6	8.5
SSW	.4	1.1	1.8	.8	.2	.0						4.5	8.8
SW	.4	.8	1.1	.7	.1	.0						3.1	8.3
WSW	.3	.3	.6	.6	.0	.0						1.8	9.5
W	.8	.7	1.0	.7	.2							3.4	7.9
WNW	1.0	.9	1.4	1.1	.3							4.6	8.4
NW	1.5	1.6	3.0	1.5	.6	.1						8.3	8.6
NNW	.7	1.9	2.7	1.3	.4	.1						7.1	8.7
VARBL													
CALM												24.5	
	13.0	20.7	25.8	11.4	3.8	.7	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2133

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.9	2.9	1.7	.3	.1						9.7	7.6
NNE	.4	.9	1.2	.0	.2							2.7	6.9
NE	.2	.7	.7	.2								1.9	6.9
ENE	.2	.3	.2									.7	5.2
E	.4	.2										.7	3.6
ESE	.4	.7	.2	.1								1.5	5.2
SE	2.0	3.4	.9	.2	.0							6.6	5.0
SSE	1.5	3.1	2.8	1.1	.8	.3	.0	.0				9.9	8.5
S	.9	2.4	3.5	1.7	.3							8.8	8.2
SSW	.2	.9	1.1	.7	.5							3.5	9.6
SW	.8	1.1	1.1	.3	.4	.0						3.7	7.7
WSW	.4	.4	1.0	.1	.1							2.0	7.7
W	.7	1.1	1.6	.6	.0							3.9	7.3
WNW	.9	.9	1.1	.7	.2	.0						4.0	8.0
NW	1.5	1.8	3.1	1.8	.5		.0					8.8	8.5
NNW	.8	1.4	2.8	1.5	.2	.1						6.8	8.9
VARBL													
CALM												25.0	
	13.3	22.2	24.1	10.8	3.7	.7	.1	.0				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2133

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.5	3.0	1.7	.2	.0						8.7	8.0
NNE	.5	1.1	1.3	.3	.1							3.3	7.1
NE	.1	.7	.6	.1								1.5	6.6
ENE	.2	.4	.2	.0								.9	5.6
E	.4	.4	.2	.0								1.0	5.0
ESE	.8	.9	.3									2.1	4.4
SE	2.1	2.6	1.8	.3	.1							6.8	5.4
SSE	2.0	3.7	3.1	1.6	.4	.2						11.0	7.6
S	.9	2.4	3.8	1.8	.2	.1						9.2	8.3
SSW	.2	1.4	1.3	.7	.5							4.0	9.1
SW	.5	.8	1.2	.4	.2							3.0	8.0
WSW	.2	.2	.6	.2	.0	.1						1.4	9.5
W	.6	1.3	1.2	.9	.0							4.0	7.7
WNW	.5	.8	1.5	.6	.2	.0						3.6	8.5
NW	1.3	2.7	3.4	1.5	.2							9.2	7.9
NNW	.9	2.0	2.7	1.6	.4	.1						7.7	8.6
VARBL													
CALM												22.5	
	12.5	23.7	26.1	12.1	2.6	.6						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2133

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (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	1.2	2.2	4.1	2.1	.3							9.8	8.3
NNE	.4	1.6	1.6	.9								4.5	7.6
NE	.3	.8	.8	.2								2.1	6.6
ENE	.2	.5	.4									1.1	5.7
E	.6	.5	.3	.0								1.5	5.0
ESE	.7	1.0	.5	.0								2.2	5.1
SE	1.4	1.8	1.1	.3		.0						4.6	5.7
SSE	1.2	3.2	3.5	1.4	.9	.4	.1					10.6	8.9
S	.8	3.4	5.0	3.1	.6	.2	.0					13.2	9.2
SSW	.3	1.2	2.0	1.8	.8	.1						6.3	10.7
SW	.5	.6	1.9	1.3	.5							4.8	9.5
WSW	.0	.8	1.0	.8	.2	.1						3.0	10.3
W	.2	1.6	1.7	1.0	.0	.1						4.7	8.4
WNW	.2	.9	1.8	1.2	.4							4.5	9.4
NW	.8	1.9	3.2	1.8	.3	.0						8.2	8.8
NNW	.9	1.4	2.7	1.8	.3	.1						7.2	9.0
VARBL													
CALM												11.7	
	9.9	23.2	31.7	17.7	4.4	1.2	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2132

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

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	3.7	1.8	.3							8.5	8.4
NNE	.5	1.5	1.5	1.1								4.6	8.0
NE	.6	1.4	.5	.3	.0							2.8	6.1
ENE	.2	.4	.2	.2								1.1	7.0
E	.6	.5	.0									1.1	3.7
ESE	.4	.6	.4	.0								1.4	5.2
SE	1.3	1.1	1.4	.3	.0							4.2	6.0
SSE	.5	1.5	3.0	2.1	1.1	.3						8.5	10.6
S	.9	2.1	5.2	3.7	1.3	.2						13.3	10.3
SSW	.4	1.0	2.6	2.8	1.2	.3						8.3	11.5
SW	.3	1.3	3.2	1.9	.7	.1	.0					7.6	10.2
WSW	.4	.8	1.3	1.2	.0	.0						3.8	9.0
W	.6	1.6	2.3	1.3	.3	.0						6.2	8.6
WNW	.3	1.2	2.2	1.2	.4							5.2	9.4
NW	.9	1.5	3.4	2.4	.4							8.6	9.2
NNW	.5	1.6	3.5	1.9	.3							7.8	9.0
VARBL													
CALM												6.9	
	9.3	19.7	34.5	22.3	6.2	1.0	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2132

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.9	3.8	1.8	.1							10.0	7.5
NNE	.8	1.9	1.9	.8								5.4	6.9
NE	.4	.9	.5	.2								2.0	6.2
ENE	.2	.6	.1									.9	5.1
E	.3	.3	.0									.7	3.9
ESE	.5	.5	.3	.1								1.4	5.2
SE	1.7	1.0	1.6	.3	.0							4.7	6.0
SSE	.7	2.6	3.1	1.7	.7	.2						9.0	9.0
S	1.5	3.2	5.4	2.3	.7							13.1	8.4
SSW	.4	1.5	2.9	2.3	.7	.1						7.8	10.0
SW	.6	1.5	1.7	1.6	.2							5.7	8.7
WSW	.4	.8	1.0	.5	.1	.1						2.9	8.6
W	.8	1.8	1.7	.9	.4							5.6	8.1
WNW	.5	1.5	1.4	1.4	.1							5.0	8.7
NW	.8	2.2	2.4	1.6	.3	.1						7.6	8.5
NNW	.5	2.5	3.7	1.9	.2							8.8	8.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	9.5	
	11.5	25.8	31.6	17.4	3.5	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2133

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEHART AFB (STATION NAME) 43-47,49-66 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.9	3.8	1.3								9.9	7.0
NNE	.5	1.6	1.1	.5								3.7	6.9
NE	.5	1.0	.4	.1								2.0	5.6
ENE	.3	.2	.0									.6	3.7
E	.4	.5	.3									1.2	4.8
ESE	.6	.4	.5	.0								1.6	5.2
SE	1.7	2.4	1.4	.3								5.9	5.4
SSE	1.2	2.7	4.1	1.7	.5	.0						10.2	8.2
S	1.9	2.4	4.0	1.8	.2							10.4	7.7
SSW	.9	1.3	1.5	1.0	.1	.1						5.1	8.2
SW	.9	.9	1.2	.8	.1	.0						3.9	7.8
WSW	.5	.5	.8	.3	.3	.0						2.5	8.6
W	.5	1.3	1.2	.5	.1	.1						3.8	8.3
WNW	.3	.8	.8	.9	.1	.0	.0					3.9	8.3
NW	.8	1.9	2.5	1.8	.4	.0						7.5	8.7
NNW	1.2	2.1	2.8	1.5	.2							7.8	7.8
VARBL													
CALM												20.5	
	14.7	23.0	26.5	12.6	2.6	.5	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2132

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

1

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-56 (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	1.9	3.5	1.3	.1							7.7	7.7
NNE	.5	1.2	1.3	.6	.1							3.7	7.8
NE	.4	.8	.2									1.4	4.5
ENE	.6	.1	.0									.8	3.4
E	.2	.4	.1									.8	4.9
ESE	.6	.4	.3									1.3	4.9
SE	1.8	2.7	1.4	.3								6.1	5.4
SSE	1.7	2.8	3.6	2.0	.8	.1						10.9	8.1
S	1.4	2.8	3.6	1.3	.3	.0						9.4	7.7
SSW	.3	1.3	1.7	.9	.5	.0						4.8	9.2
SW	.7	.8	1.0	.5	.1							3.0	7.5
WSW	.3	.5	.7	.7	.0	.0						2.3	8.7
W	.8	.9	.8	.6	.3							3.5	7.7
WNW	.5	1.1	1.1	.8	.3	.0						3.9	8.8
NW	1.3	1.5	1.9	1.4	.5	.0						6.6	8.5
NNW	1.1	2.6	3.1	1.7	.2	.0						8.8	8.0
VARBL													
CALM												25.2	
	13.2	21.8	24.2	12.1	3.1	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2132

1210 WS FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

1

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.2	3.1	1.1	.1							9.1	6.8
NNE	.4	.6	1.1	.3								2.3	7.3
NE	.5	.4	.5	.2								1.6	6.0
ENE	.2	.2	.3	.1								.8	6.7
E	.3	.3	.2	.1								.9	5.2
ESE	.6	.3	.3									1.2	4.6
SE	1.5	2.7	1.2	.5	.2							6.1	5.9
SSE	1.6	2.5	2.0	.9	.3	.1						7.4	7.3
S	1.1	2.2	3.1	1.7	.2	.1						8.3	8.1
SSW	.5	1.5	1.8	1.1	.4							5.3	8.9
SW	.4	1.1	.6	.4	.2							2.3	7.8
WSW	.4	.4	.9	.2	.1							2.0	7.7
W	.6	1.2	1.3	.3	.4							3.8	7.9
WNW	.2	1.0	1.1	.7	.2	.1						3.2	8.9
NW	1.1	2.4	2.4	1.3	.5	.4						8.2	8.7
NNW	1.2	2.7	2.2	1.2	.4	.1						8.0	8.1
VARBL													
CALM												28.3	
	12.3	22.6	22.7	10.5	2.9	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1861

1210 WS FORM JUL 64 0-8-5 (CL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.6	2.5	2.7	1.2	.2							8.2	7.2
NNE	.9	1.1	1.0	.2								3.2	6.1
NE	.2	.6	.4	.3	.1							1.5	8.0
ENE	.2	.2		.1								.5	5.2
E	.4	.3	.1									.7	3.4
ESE	.6	1.0	.7									2.3	5.2
SE	1.4	2.4	1.0	.4	.2							5.3	5.8
SSE	1.2	2.5	3.0	1.2	.4							8.3	7.8
S	.9	1.7	2.8	1.7	.2	.1						7.3	8.4
SSW	.3	.7	1.8	1.3	.4	.2						4.7	10.4
SW	.5	.5	.8	.3	.2	.1						2.3	8.2
WSW	.2	.8	.5	.2	.1							1.6	6.9
W	.5	1.4	1.2	.6	.2	.1						4.0	8.1
WNW	.9	1.2	.9	.4	.3	.1						3.8	7.3
NW	1.5	2.4	2.5	1.6	.4	.2						8.5	8.1
NNW	.7	2.0	3.6	1.5	.6							8.4	8.8
VARBL													
CALM												29.4	
	12.0	21.2	32.8	11.0	3.0	.6						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1860

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SHYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.6	2.4	3.0	1.5	.1							8.5	7.2
NNE	.4	1.0	1.6	.4	.1							3.4	7.3
NE	.5	1.0	.7	.1								2.3	5.9
ENE	.2	.2	.5	.1								1.0	6.9
E	.5	.2	.4		.1							1.1	6.0
ESE	.6	1.0	.3									1.9	4.5
SE	1.7	2.5	1.7	.2								6.1	5.5
SSE	1.3	2.9	3.2	1.3	.4	.1						9.2	7.7
S	1.1	2.3	3.4	1.3	.1							8.3	7.7
SSW	.4	.7	1.6	1.4	.5	.2						4.8	11.0
SW	.5	.8	.7	.5	.1	.1						2.4	8.7
WSW	.1	.6	1.0	.2	.2							2.0	8.3
W	.7	1.3	1.5	1.2	.5	.1						5.3	9.0
WNW	.3	1.1	1.1	.7	.1							3.3	8.2
NW	.9	1.8	1.9	1.1	.5	.1						6.3	8.7
NNW	.9	1.3	3.4	2.0	.9							8.6	9.0
VARBL													
CALM												25.5	
	11.4	21.5	26.0	12.0	3.1	.5						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1857

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.0	2.4	3.2	1.7	.3							8.7	8.0
NNE	1.0	2.0	1.8	.8	.1							5.6	6.9
NE	.4	1.6	.8	.4	.2							3.3	7.1
ENE	.3	.6	.4	.1								1.5	6.0
E	.8	.6	.3	.2								1.9	5.1
ESE	.4	.6	.3	.1	.1							1.5	6.0
SE	1.2	1.5	1.3	.6	.2							4.8	6.9
SSE	1.0	3.1	3.8	1.3	.8	.1						10.0	8.4
S	.9	2.6	3.8	3.1	.9	.2	.1					11.5	9.6
SSW	.5	.9	1.6	2.2	1.4	.3						6.9	11.9
SW	.2	.3	1.1	1.7	.4	.3						4.1	12.1
WSW	.2	.8	1.4	1.3	.2							3.9	9.9
W	.4	.9	2.1	1.9	.4	.1						5.9	9.9
WNW	.3	.8	2.2	1.6	.3	.1						5.1	9.9
NW	.4	1.3	2.0	2.0	.3	.1						6.1	9.9
NNW	.4	1.4	2.9	2.3	.6	.1						7.7	10.1
VARBL													
CALM												11.7	
	9.4	21.4	29.0	21.2	6.1	1.2	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1860

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

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	.9	1.9	3.4	1.7	.2	.1						8.2	8.3
NNE	.9	1.5	1.9	.5								4.8	7.1
NE	.3	1.0	1.2	.5								3.0	7.3
ENE	.4	1.1	.6									2.0	5.3
E	.4	.5	.1	.2								1.2	5.5
ESE	.5	.8	.1	.2								1.6	5.5
SE	.9	1.0	1.0	.2	.2	.1						3.4	7.2
SSE	.4	1.6	2.9	1.2	.6	.1						6.8	9.7
S	.5	1.7	4.0	4.0	.8	.2	.1					11.3	10.7
SSW	.4	1.2	2.5	2.5	1.2	.7	.1					8.7	12.1
SW	.2	.9	1.8	1.9	.9	.3	.2					6.2	12.0
WSW	.4	.8	2.2	1.2	.5	.1						5.2	9.9
W	.4	1.2	3.3	2.7	.5	.1						8.2	10.0
WNW	.2	1.2	1.8	2.1	.5	.1						5.8	10.8
NW	.5	1.5	2.9	2.2	.9		.1					8.0	10.2
NNW	.6	1.3	2.6	2.5	.4							7.3	9.7
VARBL													
CALM												8.2	
	7.7	19.3	32.3	23.7	6.7	1.7	.4					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1859

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.0	3.2	4.8	1.3	.2	.2						10.6	8.0
NNE	1.0	1.9	2.0	.5	.1							5.5	6.6
NE	.6	.9	1.0	.4								2.8	6.5
ENE	.3	.5	.4	.1								1.3	6.2
E	.6	.7	.2	.1								1.6	4.6
ESE	.5	.6	.3	.3		.1						1.8	6.4
SE	.7	1.2	1.0	.2	.1	.1						3.3	7.0
SSE	.8	2.0	2.7	1.2	.5	.1						7.2	8.4
S	1.1	2.4	4.2	2.7	.4	.1						11.0	8.9
SSW	.5	1.2	3.0	2.1	.8	.2	.1					8.0	10.6
SW	.1	1.0	1.9	1.2	.4	.1						4.7	10.3
WSW	.1	1.1	1.4	.6	.4	.1						3.7	9.5
W	.9	1.5	2.7	2.4	.5	.2		.1				8.1	9.6
WNW	.1	1.2	2.5	1.5	.5	.2						6.0	10.4
NW	.4	1.3	2.8	2.5	.6	.1						7.8	10.2
NNW	.3	2.4	2.9	1.9	.4	.1						8.0	8.9
VARBL													
CALM												8.7	
	9.1	23.2	33.7	18.9	4.9	1.3	.1	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1861

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.4	3.5	3.3	1.2	.3							9.8	7.4
NNE	1.0	1.7	.9	.2								3.8	5.4
NE	1.0	.7	.9	.3	.1	.1						3.0	6.6
ENE	.5	.6	.2	.1								1.3	5.1
E	.9	.1	.2									1.1	3.6
ESE	.5	.8	.4	.1								1.8	5.6
SE	1.3	1.2	1.0	.3	.1							4.0	6.1
SSE	1.0	2.5	2.5	1.1	.1							7.2	7.3
S	1.2	3.1	2.4	1.3	.1	.1						9.1	7.5
SSW	.6	1.7	2.1	.7	.2	.1						5.5	8.0
SW	.8	.9	1.2	.4	.1							3.4	7.3
WSW	.3	1.0	.8	.6	.2							2.8	8.3
W	.4	1.3	1.8	1.2	.2	.1						5.0	8.8
WNW	.4	.7	1.3	.9	.1	.1						3.4	9.0
NW	.8	2.6	2.8	1.4	.6	.1						8.3	8.5
NNW	.9	2.0	2.5	1.7	.4							7.6	8.5
VARBL													
CALM												22.9	
	13.0	24.2	25.3	11.6	2.5	.5						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 1863

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.7	2.7	1.2	.3							9.5	7.0
NNE	.4	1.2	.8	.1	.1	.1						2.6	6.6
NE	.5	.8	.5	.2	.1							2.0	6.6
ENE	.3	.3	.2									.7	4.9
E	.5	.3	.4									1.2	5.0
ESE	.6	.5	.3	.1		.1						1.5	5.5
SE	1.6	2.0	1.2	.1								4.9	5.1
SSE	1.7	3.7	2.3	.9	.3	.1						8.9	6.8
S	1.4	3.0	3.4	1.4	.3	.1						9.5	7.6
SSW	.6	1.1	1.5	1.1	.3							4.5	8.8
SW	.5	.4	1.0	.5	.2							2.6	8.3
WSW	.5	.8	1.2	.6	.1	.2						3.3	9.0
W	.8	.9	1.5	.4	.2	.1						3.8	7.8
WNW	.3	.7	1.2	1.2	.3	.2						4.0	10.5
NW	1.2	2.5	2.0	1.3	.5	.1						7.7	8.2
NNW	.6	2.3	2.4	1.9	.4							7.6	8.7
VARBL													
CALM												25.7	
	12.9	24.2	22.4	10.9	3.0	.8						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1861

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	2.8	1.0	.1							7.7	7.0
NNE	.6	1.4	1.0	.1								3.2	5.9
NE	.5	.9	.4	.0								1.8	5.1
ENE	.0	.4	.1	.0								.6	6.2
E	.4	.3	.2	.0								1.0	5.0
ESE	.4	.7	.7	.1								2.0	5.9
SE	1.6	2.9	1.2	.1								5.9	5.1
SSE	1.3	3.3	2.3	1.0	.1	.0	.0					8.2	7.1
S	1.5	3.4	4.0	1.5	.3							10.7	7.5
SSW	.7	.8	1.6	1.0	.6	.1						4.8	9.7
SW	.6	.4	.8	.5	.2	.2						2.8	9.4
WSW	.4	.9	.8	.6	.1	.0						2.9	8.5
W	.8	.7	1.0	.8		.0		.0				3.5	8.1
WNW	.6	1.3	1.3	.8	.4	.1	.0					4.5	8.9
NW	1.5	2.1	2.1	1.4	.4	.2						7.6	8.2
NNW	.6	1.8	1.5	1.2	.4	.0						5.6	8.6
VARBL													
CALM												27.2	
	13.2	23.7	21.8	10.3	2.8	.8	.1	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	2.5	2.4	1.3	.0							7.0	7.5
NNE	.8	1.3	1.2	.4								3.7	6.6
NE	.4	.8	.4									1.6	5.3
ENE	.3	.2	.0									.6	4.1
E	.5	.5	.2		.0							1.3	4.8
ESE	.8	.6	.6	.1								2.2	5.5
SE	2.2	3.2	1.4	.3	.0							7.1	5.3
SSE	1.7	2.7	2.4	.7	.3	.0						7.9	6.8
S	1.3	2.7	4.0	2.0	.2							10.2	7.9
SSW	.5	.8	1.3	1.2	.1	.1						4.2	9.4
SW	.4	.7	.8	.7	.1	.0						2.9	8.7
WSW	.2	.7	.6	.8	.1							2.4	9.4
W	.8	.9	1.3	.9	.1	.1						4.1	8.3
WNW	.6	1.3	1.4	.7	.3							4.3	8.0
NW	.8	2.1	2.4	1.6	.3	.0						7.4	8.3
NNW	1.1	1.6	2.2	.9	.4							6.1	7.9
VARBL													
CALM												27.0	
	13.2	22.7	22.7	11.6	2.2	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(COND'TION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	2.6	1.2	.1							7.0	7.6
NNE	.9	1.7	1.6	.7								4.9	6.9
NE	.5	1.0	1.0	.1								2.6	6.1
ENE	.4	.8	.2	.0								1.5	4.8
E	.5	.3	.1									.9	4.3
ESE	.9	.8	.5	.1								2.3	5.3
SE	1.8	2.4	1.4	.5			.0					6.1	5.9
SSE	2.1	3.7	2.8	1.5	.3	.0	.0					10.4	7.2
S	1.4	1.8	4.5	2.1	.6							10.4	8.6
SSW	.7	.7	1.3	1.3	.2	.2						4.4	9.8
SW	.4	.8	1.1	.9	.1							3.4	8.7
WSW	.3	.5	.8	.8	.3	.0						2.8	10.1
W	.4	.8	1.7	1.1	.3							4.3	9.3
WNW	.5	1.1	1.2	1.2	.2	.0						4.3	8.9
NW	.5	1.7	2.5	1.2	.7	.0						6.6	9.4
NNW	1.0	1.4	2.3	.9	.3							5.9	8.0
VARBL													
CALM												21.9	
	13.3	21.5	25.7	13.7	3.3	.4	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	.8	1.7	3.7	1.4	.2							7.8	8.4
NNE	.7	2.0	1.8	.7								5.2	7.0
NE	.4	1.3	1.0	.1								2.8	6.2
ENE	.5	1.0	.9	.3								2.7	6.5
E	.5	.7	.1	.1								1.4	4.8
ESE	.4	.6	1.1	.1								2.3	6.4
SE	.8	1.7	1.0	.6	.1							4.3	7.0
SSE	.9	3.0	3.0	2.3	.8		.1					10.1	9.2
S	.7	2.3	4.9	4.1	1.1	.0						13.1	10.1
SSW	.5	1.3	2.0	2.6	.9	.4	.1	.0				7.8	11.6
SW	.1	.4	1.6	1.8	.9	.3						5.2	12.6
WSW	.0	.5	1.8	1.5	.2	.2						4.3	11.1
W	.2	1.2	2.7	2.1	.8	.1						7.2	10.7
WNW	.4	.3	2.1	1.7	.5							5.0	10.7
NW	.5	.8	1.9	2.1	1.1	.1						6.6	11.4
NNW	.4	1.2	2.7	1.8	.3	.0						6.5	9.3
VARBL													
CALM												7.7	
	8.1	20.0	32.4	23.2	7.1	1.4	.2	.0				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.0	3.6	1.5	.1							7.8	8.2
NNE	.4	1.7	1.9	.5	.0							4.5	7.3
NE	.1	1.1	1.1	.1								2.5	7.2
ENE	.3	.6	.4	.0								1.3	5.5
E	.3	.8	.4									1.5	5.1
ESE	.4	.8	.7	.1	.0							2.1	6.4
SE	.3	1.0	1.6	.4	.1	.0						3.6	8.0
SSE	.4	1.3	2.3	2.5	.7							7.2	10.4
S	.7	1.5	4.3	4.3	1.0	.1						11.9	10.6
SSW	.2	.9	3.0	3.7	1.4	.6	.0					10.1	12.8
SW	.2	.6	1.8	2.2	.7	.2	.1					5.9	12.5
WSW	.4	.9	1.7	1.8	.4	.3	.1	.0				5.6	11.4
W	.5	.9	3.0	3.4	.4	.1						8.4	10.5
WNW	.3	1.0	3.1	2.6	.9	.1		.0				8.1	11.2
NW	.5	.9	2.1	2.1	.6	.2						6.4	10.6
NNW	.1	1.6	3.0	2.1	.4	.1						7.3	10.0
VARBL													
CALM												5.9	
	5.9	17.6	33.9	27.3	6.8	2.2	.3	.1				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.5	3.6	1.5	.1							8.5	8.0
NNE	.6	2.0	2.3	.7								5.5	7.3
NE	.6	1.2	.8	.1								2.7	5.8
ENE	.3	.5	.3	.0								1.1	5.5
E	.2	.8	.5	.0								1.6	6.0
ESE	.7	.8	1.0	.2	.0	.0						2.7	6.8
SE	.4	1.2	1.4	.2	.1	.0						3.5	7.6
SSE	.5	2.0	2.8	2.5	.4							8.3	9.3
S	.8	2.5	3.7	4.1	.4							11.6	9.5
SSW	.3	1.4	3.3	2.7	.9	.3						8.3	11.0
SW	.3	1.1	2.1	1.7	.8	.1						5.9	10.9
WSW	.2	.6	1.7	1.4	.4	.0	.0					4.4	11.1
W	.0	1.0	3.0	2.8	.7	.1		.1				7.8	11.1
WNW	.2	.8	1.8	1.8	.9	.0	.0					5.6	11.3
NW	.3	1.8	2.7	2.6	.7	.1	.0					8.3	10.3
NNW	.4	1.7	3.0	2.3	.6							8.0	9.7
VARBL													
CALM												5.5	
	6.5	21.8	33.9	24.8	6.4	.9	.1	.1				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 2045

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

ALL WEATHER (CAUGS)

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	1.7	3.5	2.8	.9	.2							9.1	6.7
NNE	1.2	2.0	1.3	.4								4.9	6.2
NE	.8	1.0	.8									2.5	5.0
ENE	.6	.5	.4			.0						1.5	5.4
E	.4	.7	.3									1.5	5.1
ESE	.3	1.1	.6	.1	.0							2.2	6.3
SE	.9	2.1	1.5	.2	.4							5.2	7.0
SSE	1.4	3.9	2.6	1.6	.2							9.7	7.2
S	2.1	3.6	4.1	1.4	.1							11.2	8.0
SSW	1.3	1.3	2.0	.8	.3							5.5	7.9
SW	.4	1.2	1.4	.3	.1	.1						3.5	7.8
WSW	.6	.9	1.1	.1	.1							3.5	7.2
W	.8	2.0	2.6	.6	.2	.1	.0					8.5	8.1
WNW	.4	1.0	1.9	.7	.1	.1						4.2	8.7
NW	.6	2.0	1.9	1.3	.3	.0						6.2	8.3
NNW	.7	2.0	2.5	1.5	.3	.1						7.1	8.5
VARBL													
CALM												15.5	
	14.1	28.8	28.5	9.8	2.5	.2	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2045

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.2	2.5	3.1	1.0		.1						7.9	7.2
NNE	.6	1.2	1.5	.3								3.6	6.6
NE	.2	.6	.3									1.1	5.5
ENE	.4	.3	.2									.9	4.7
E	.6	.7	.4									1.7	4.9
ESE	.6	.9	.2	.0								1.8	4.7
SE	1.6	2.8	1.5	.4	.1							6.5	6.0
SSE	1.5	3.5	3.0	1.4	.2		.0	.0				9.7	7.4
S	2.4	3.5	3.9	1.3	.2	.0			.0			11.4	7.2
SSW	.5	.9	1.5	1.0	.4	.2	.0					4.6	10.1
SW	.6	1.2	1.2	.7	.2							4.0	7.9
WSW	.3	.7	.7	.4	.0							2.2	8.2
W	.8	1.7	1.7	.5	.0	.0						4.8	6.9
WNW	.3	.8	1.3	.4	.2	.1						3.2	9.0
NW	.5	1.6	2.3	1.4	.1	.1						6.0	8.7
NNW	.9	1.5	2.2	1.1	.3							6.0	7.9
VAPBL													
CALM												24.6	
	13.2	24.4	25.0	10.0	2.0	.6	.1	.0	.0			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	1.9	.5	.1							5.4	5.3
NNE	.3	1.1	.8	.4								2.5	7.0
NE	.1	.5	.6									1.1	6.5
ENE	.3	.3		.1								.6	4.3
E	.5	.4	.1	.1								1.0	4.5
ESE	.7	.9	.3									1.8	4.6
SE	1.4	2.4	1.3	.2								5.2	5.2
SSE	2.1	3.8	3.5	1.1	.2							10.7	6.6
S	1.6	3.9	5.2	1.6	.2							12.4	7.3
SSW	.5	.9	1.9	1.0	.3	.1						4.5	9.2
SW	.3	.4	.8	.9	.1	.1						2.5	9.3
WSW	.3	.5	1.1	.6	.1							2.4	8.6
W	.3	1.1	1.1	.7	.1	.1						3.5	7.7
WNW	.9	.4	1.3	.3	.1							3.4	6.7
NW	1.1	2.1	1.7	1.0	.2							6.1	7.2
NNW	.7	1.4	1.3	.4	.1							3.7	6.6
VARBL													
CALM												33.2	
	12.2	22.2	22.5	8.6	1.2	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1980

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.6	.7	.1	.1						5.3	7.0
NNE	.3	.8	1.3	.1								2.4	6.7
NE	.6	.7	.6	.1								1.9	5.3
ENE	.1	.4	.2	.1								.7	6.4
E	.3	.5	.3									1.0	5.0
ESE	.9	.9	.4	.1								2.2	4.9
SE	1.6	2.7	1.2	.3								5.8	5.3
SSE	2.0	3.2	3.2	1.1	.2							9.7	6.8
S	1.7	3.4	4.9	2.0	.2	.1						12.2	7.8
SSW	.9	1.3	2.2	.9	.3				.1			5.6	8.4
SW	.4	.4	1.3	.7	.1							2.8	8.9
WSW	.3	.7	.5	.3	.2	.1						1.9	8.2
W	1.0	1.0	1.3	.5	.1							3.7	6.6
WNW	.6	1.1	1.7	.6	.1	.1						4.0	7.9
NW	1.1	1.0	2.2	.5								4.7	6.8
NNW	.7	1.1	1.4	.5								3.7	6.9
VARBL													
CALM												32.4	
	13.5	20.4	24.2	8.1	1.1	.3			.1			100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 1980

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) | SMYRNA TENNESSEE/SEWART AFB (STATION NAME) | 43-45,47,49-66 (YEARS) | APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.8	2.8	.8	.1							6.4	7.3
NNE	.7	1.3	1.2	.2								3.4	6.1
NE	.5	.8	.8	.1								2.2	6.2
ENE	.5	.4	.6	.3								1.7	6.6
E	.7	.5	.4	.2								1.8	5.5
ESE	.9	.8	.2	.2								2.1	5.0
SE	1.7	2.3	.7	.3	.1							5.0	5.1
SSE	1.9	4.2	3.5	1.4	.4	.1	.1					11.4	7.3
S	2.0	3.9	5.5	3.0	.2							14.6	7.9
SSW	.4	1.1	3.1	2.4	.3							7.2	9.7
SW	.3	.5	1.5	1.0	.3							3.5	10.1
WSW	.2	.4	1.1	.7	.2							2.5	9.7
W	.4	.7	1.4	.7	.4	.2						3.5	9.7
WNW	.1	.8	1.2	1.3	.3	.1						3.7	10.4
NW	1.0	1.3	2.0	1.0	.2							5.4	7.9
NNW	.7	1.3	1.7	.9	.1							4.7	7.8
VARBL													
CALM												21.0	
	12.7	21.9	27.4	14.3	2.3	.4	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1980

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	.6	1.6	3.1	1.4	.2							6.8	8.4
NNE	.4	1.2	1.9	.5	.1							4.0	7.7
NE	.2	1.1	1.0	.3	.1							2.7	7.6
ENE	.4	.8	1.0	.2								2.3	6.7
E	.6	.9	.8	.1								2.3	5.7
ESE	.3	.8	.3	.2								1.6	6.3
SE	.7	1.1	.9	.5								3.2	6.7
SSE	.6	1.9	2.9	2.0	.7	.4						8.5	10.0
S	1.0	2.0	6.4	4.1	1.4	.4	.1					15.3	10.4
SSW	.6	1.4	4.4	4.1	.7	.1						11.3	10.5
SW	.5	.6	2.4	2.3	1.2	.4						7.3	11.9
WSW	.3	1.1	1.4	1.9	.9	.2						5.6	11.3
W	.3	1.0	1.4	2.3	.4	.2						5.5	10.9
WNW	.2	.6	2.0	2.2	.4	.2	.1					5.6	11.4
NW	.3	.9	2.5	1.2	.7	.1						5.6	10.3
NNW	.4	1.3	2.9	1.3	.4							6.2	9.1
VARBL													
CALM												6.2	
	7.0	18.0	35.4	24.5	7.0	1.8	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1980

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	.4	1.9	3.5	1.0	.1							6.8	7.9
NNE	.3	1.2	1.8	.7								3.9	7.8
NE	.7	1.1	.6	.2	.1							2.6	6.0
ENE	.2	.9	.4	.1								1.5	6.0
E	.7	1.1	.5									2.2	4.8
ESE	.4	.4	.5	.1	.1	.1						1.5	7.2
SE	.4	.7	1.3	.4								2.8	7.4
SSE	.6	1.4	2.4	1.8	.7	.3	.1					7.1	10.5
S	.6	1.5	4.9	5.2	1.3	.5	.1	.1				14.2	11.6
SSW	.5	1.3	4.0	4.9	1.6	.4						12.5	11.7
SW	.6	.9	2.5	3.0	.8	.3						8.0	11.4
WSW	.2	.9	1.3	1.9	.7	.4						5.4	12.0
W	.8	.9	1.1	2.0	1.0	.1		.1				5.9	11.3
WNW	.3	.9	2.0	2.3	1.0	.5						7.0	11.7
NW	.4	1.2	2.5	2.5	.7	.1	.1					7.4	10.4
NNW	.5	1.6	2.3	1.6	.2							6.2	9.1
VARBL													
CALM												5.1	
	7.4	17.7	31.5	27.6	8.0	2.4	.2	.2				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 1979

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	.9	2.6	3.6	1.6	.2							8.8	8.0
NNE	.4	1.9	1.3	.6								4.1	7.1
NE	.4	.8	1.2		.1							2.4	6.5
ENE	.5	.5	.4									1.4	5.1
E	.6	.6	.4									1.5	4.8
ESE	.5	.7	.3		.1	.1						1.6	6.2
SE	.6	.9	.6	.4	.1							2.4	6.6
SSE	.5	2.2	3.1	1.6	.4	.1						8.0	8.8
S	.7	2.3	5.3	4.4	.9	.2		.1				13.8	10.1
SSW	.5	1.6	4.6	3.9	.7	.2	.1					11.5	10.5
SW	.5	.8	2.2	2.8	.5	.1						6.9	10.7
WSW	.4	.7	1.5	1.4	.5	.2	.1					4.6	11.2
W	.2	.8	1.3	1.8	.5	.1	.1					4.7	11.3
WNW	.3	.9	1.7	2.1	.8	.4						6.1	11.8
NW	.3	1.1	2.5	2.5	.7	.1	.1					7.2	10.8
NNW	.6	1.9	3.0	2.4	.1	.1						8.0	9.0
VARBL													
CALM												7.1	
	7.6	20.0	32.9	25.3	5.4	1.4	.3	.1				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1980

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) | SMYRNA TENNESSEE/SEWART AFB (STATION NAME) | 43-45,47,49-66 (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	1.5	3.8	2.5	.8	.3	.1						8.9	6.7
NNE	.8	1.1	1.1	.4	.1							3.4	6.5
NE	.5	1.0	.4									1.9	4.8
ENE	.5	.6	.2									1.2	4.3
E	1.0	.5	.2	.1								1.7	4.5
ESE	.5	.8	.1	.1								1.4	4.8
SE	1.0	1.8	.9	.5	.1							4.2	6.0
SSE	1.5	3.6	2.5	.7	.1							8.3	6.3
S	2.0	5.2	5.2	1.5	.1							13.9	6.8
SSW	1.1	2.1	1.9	.8		.1						5.9	7.0
SW	.9	1.1	2.2	.9	.1							5.1	7.6
WSW	.4	.8	.6	.3	.2	.3						2.5	9.3
W	.5	1.1	1.5	.5	.7	.1						4.3	9.3
WNW	.5	.9	2.0	.7	.1							4.1	8.2
NW	.8	1.7	2.9	1.0	.2							6.5	7.9
NNW	.7	2.8	2.1	1.2	.1							6.9	7.2
VARBL													
CALM												19.7	
	13.9	28.8	26.1	9.3	1.7	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1980

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	.9	2.4	1.8	.3	.1							5.4	6.2
NNE	.4	1.2	.9	.1								2.5	5.9
NE	.5	.6	.4									1.5	5.1
ENE	.2	.5	.1									.7	4.5
E	.4	.5	.3		.1							1.2	5.0
ESE	.6	.5	.2		.1							1.3	4.9
SE	1.6	1.7	1.1	.4		.1						4.8	5.9
SSE	2.0	3.9	2.9	.9	.2							9.9	6.4
S	2.1	4.2	4.3	1.6	.2	.1						12.6	7.1
SSW	.8	.8	2.0	.9	.3							4.7	8.7
SW	.7	.8	1.7	.3	.1							3.5	7.0
WSW	.3	.5	.8	.3		.2						2.0	8.8
W	.3	1.2	1.0	.7	.2							3.3	8.1
WNW	.6	.8	1.4	.8	.1							3.6	8.1
NW	1.3	1.6	2.2	.7	.1							5.8	6.9
NNW	1.2	1.8	1.7	.2	.2							5.1	6.3
VARBL													
CALM												32.2	
	13.6	22.9	22.5	7.1	1.4	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1980

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	.9									3.2	5.2
NNE	.3	.5	.4	.1								1.3	6.0
NE	.3	.3	.0									.7	3.7
ENE	.3	.1	.1									.6	3.6
E	.9	.3	.3									1.5	4.0
ESE	.7	.3	.4	.1								1.5	5.3
SE	2.5	1.6	1.3	.1								5.4	4.8
SSE	1.8	2.7	1.8	.6	.1							6.9	6.0
S	2.6	3.1	2.1	.9	.0							8.8	5.9
SSW	1.2	1.6	.6	.2								3.6	5.1
SW	.5	.7	.7	.1	.0							2.2	6.2
WSW	.3	.5	.4	.0	.1							1.4	6.9
W	.4	.8	.9	.3								2.4	6.4
WNW	.6	.6	.4	.0								1.8	5.2
NW	1.6	1.8	.9	.2	.0							4.4	5.2
NNW	1.0	1.1	.7	.1								3.0	5.1
VARBL													
CALM												51.3	
	16.2	17.3	12.0	2.8	.3							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0300-0900 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	.5	.1								2.8	5.4
NNE	.7	.5	.3	.0								1.6	4.9
NE	.2	.3	.3									.9	5.1
ENE	.1	.1	.1									.3	5.4
E	.7	.4	.1									1.3	3.8
ESE	1.2	.9	.2									2.3	3.9
SE	2.6	2.6	1.6	.2	.0							7.0	5.1
SSE	2.2	3.5	2.0	.3								8.0	5.3
S	2.4	2.6	2.5	.7								8.3	6.0
SSW	.6	1.1	.5	.1								2.3	5.1
SW	.2	.6	.4	.1								1.4	6.2
WSW	.3	.3	.6	.1	.0							1.4	7.3
W	.6	.7	.8	.4								2.5	7.0
WNW	.8	.6	.4	.1								2.0	5.2
NW	1.9	1.5	.7	.1	.1							4.4	5.2
NNW	.8	1.5	.6	.3	.0							3.2	5.7
VARBL													
CALM												30.3	
	16.3	18.8	11.7	2.6	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 2045

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	1.4	.4								5.4	5.8
NNE	.7	1.1	.9	.3								3.0	6.2
NE	.6	.6	.4	.3								2.0	6.3
ENE	.1	.2	.3	.1								.8	6.8
E	.5	.4	.3									1.3	5.1
ESE	1.2	1.0	.2	.1								2.5	4.1
SE	3.3	2.6	1.0	.1								7.0	4.3
SSE	3.1	3.1	3.0	1.0								10.3	5.9
S	2.4	4.4	4.0	2.0	.2							13.0	7.0
SSW	.7	1.3	2.0	.7	.2							4.8	7.6
SW	.2	.7	1.1	.5	.1							2.7	8.5
WSW	.3	.4	.7	.4	.1							1.9	8.2
W	.2	.9	1.0	.5	.2							2.9	8.3
WNW	.3	.6	.8	.1	.0							1.9	7.1
NW	.8	.8	.8	.3								2.7	6.2
NNW	.5	1.4	.9	.5	.2	.0						3.5	7.7
VARBL													
CALM												34.2	
	16.3	22.1	18.9	7.4	1.0	.0						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2045

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	.9	1.4	2.1	1.2	.0							5.7	7.7
NNE	.6	1.5	1.8	.5								4.4	7.0
NE	.4	1.3	1.5	.1								3.3	6.5
ENE	.7	.7	.8	.1								2.3	5.7
E	1.0	1.3	.2	.1								2.6	4.6
ESE	.4	1.1	.4									1.9	4.8
SE	.9	1.7	1.0	.3	.1							4.0	6.3
SSE	.9	2.3	2.7	.9	.3	.1						7.1	7.8
S	1.5	3.8	5.3	2.9	1.0	.0						14.5	8.8
SSW	1.0	2.1	3.7	2.2	.4							9.4	8.7
SW	1.0	1.7	3.2	1.4	.3	.2						7.7	8.8
WSW	.4	1.5	2.2	1.1	.2	.2						5.6	8.9
W	.8	2.3	2.9	1.1	.2	.0						7.4	7.8
WNW	.4	1.2	1.8	.8	.2	.1						4.4	8.7
NW	.6	1.0	1.4	.4	.1	.0						3.6	7.6
NNW	.7	1.3	1.2	.8	.2	.0						4.3	7.9
VARBL													
CALM												11.8	
	12.3	26.1	32.1	13.9	3.1	.8						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	2.9	1.0	.2							7.1	7.5
NNE	.4	1.8	2.2	.5	.1							5.1	7.4
NE	.4	1.6	.9	.2	.0							3.1	6.4
ENE	.5	.8	.3	.1								1.8	5.5
E	.7	.5	.4									1.6	4.8
ESE	.7	.6	.5									1.8	5.2
SE	.7	1.3	.8	.5								3.4	6.4
SSE	.9	1.5	2.2	1.9	.5							6.9	9.1
S	.9	2.6	4.2	2.9	.8	.0						11.4	9.1
SSW	.6	2.3	4.6	2.7	.9	.2						11.4	9.6
SW	.7	1.9	3.8	2.0	.6	.1	.0					9.2	9.6
WSW	.3	1.4	2.8	1.5	.1	.1						6.3	9.1
W	.6	2.4	2.4	1.6	.2	.1						7.4	8.5
WNW	.4	1.1	2.0	.9	.3							4.7	8.7
NW	.5	1.9	2.3	.8	.5							6.1	8.4
NNW	.5	1.3	2.1	1.2	.4							5.4	9.0
VARBL													
CALM												7.4	
	9.8	25.0	34.3	18.0	4.7	.6	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2044

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

SURFACE WINDS

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

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,47,49-66	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.6	4.6	1.3	.2	.0						11.1	7.4
NNE	1.0	2.2	2.2	.7	.0							6.1	6.9
NE	.4	1.2	.8	.2								2.6	6.3
ENE	.2	.3	.2									.8	5.3
E	.7	.6	.3	.0								1.7	4.8
ESE	.7	.9	.3									2.0	4.6
SE	.7	1.0	.6	.4	.0							2.8	6.4
SSE	.5	1.9	3.0	1.2	.1							6.8	8.2
S	1.0	3.2	4.6	1.9	.6	.1						11.4	8.4
SSW	.6	2.4	3.7	2.3	.4							9.5	8.7
SW	.7	2.2	3.7	1.2	.3							8.2	8.0
WSW	.2	.8	2.2	1.0	.1	.0						4.5	9.0
W	.5	1.8	3.0	1.0	.1	.0						6.6	8.1
WNW	.1	1.3	2.0	.9	.4	.1						4.7	9.5
NW	.6	1.8	2.8	.5	.2	.0						6.0	7.7
NNW	.4	2.0	2.6	1.4	.2	.0						6.8	8.5
VARBL													
CALM												8.4	
	10.1	27.3	36.8	14.0	2.9	.5						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AF8 (STATION NAME) 43-45,47,49-66 (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	2.6	3.3	1.9	.3	.1							8.2	5.3
NNE	1.4	1.4	1.2	.3								4.3	5.8
NE	1.1	.9	.6									2.6	4.6
ENE	.7	.7	.4	.0								1.9	5.0
E	.8	.4	.3									1.6	4.3
ESE	.4	.5	.1	.1								1.1	5.1
SE	1.0	1.9	1.0	.0	.0							4.0	5.2
SSE	1.4	2.7	2.2	.7	.0							7.1	6.3
S	2.6	3.6	1.9	.4	.0							8.6	5.5
SSW	2.1	3.3	1.3	.5								7.2	5.3
SW	1.5	1.9	1.2	.2								4.8	5.2
WSW	.8	1.3	.4	.3		.0						2.8	5.8
W	1.0	1.9	.6	.2	.1							3.8	5.6
WNW	.4	1.4	.8	.2	.2							3.0	6.9
NW	1.5	1.8	1.2	.4	.0							5.0	5.9
NNW	1.0	2.1	1.9	.2	.1							5.3	6.4
VARBL													
CALM												28.6	
	20.4	29.1	17.1	4.1	.7	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2046

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAY (MONTH)

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

(CONDITIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	1.0									3.7	4.9
NNE	.8	.7	.7	.1								2.4	5.7
NE	.4	.5	.4	.0								1.4	5.3
ENE	.2	.2	.2									.6	4.6
E	.8	.2	.2									1.2	4.2
ESE	1.0	.6	.2	.2								2.0	4.8
SE	1.9	2.2	1.3	.1								5.5	4.9
SSE	1.9	2.9	1.6	.7	.0							7.4	6.1
S	3.1	3.3	1.5	.5								8.5	5.1
SSW	1.6	1.9	.6	.2	.0							4.4	5.0
SW	1.1	.8	.5	.2								2.7	5.3
WSW	.3	.5	.3	.1								1.2	5.9
W	.9	.8	.7	.2								2.6	5.8
WNW	.3	.4	.6	.1	.0							1.5	6.9
NW	1.0	1.5	.5	.1	.0							3.1	5.1
NNW	1.0	2.2	.8	.2	.0							4.3	5.5
VARBL													
CALM												47.5	
	17.7	20.2	11.4	3.0	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2043

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.1	1.5	.2		.1							2.9	4.4
NNE	.3	.2	.1	.1								.6	5.3
NE	.3	.3										.6	3.8
ENE	.1	.2										.3	4.2
E	.3	.4	.1									1.3	3.6
ESE	.8	.7	.2									1.6	4.0
SE	2.8	3.8	.7									7.2	4.3
SSE	1.9	2.6	.8	.2								5.4	4.8
S	3.3	4.2	1.0	.5		.1						9.1	4.9
SSW	1.2	.5	.3	.2	.1							2.2	4.8
SW	.9	.5	.6	.1								2.0	5.0
WSW	.3		.2	.1								.6	6.5
W	1.0	.5	.5	.1								2.1	4.6
WNW	1.0	.7	.1	.1								1.8	3.7
NW	1.4	1.0	.4	.1		.1						3.0	4.8
NNW	.9	.5	.4	.2	.1							2.0	5.7
VARBL													
CALM												57.3	
	18.1	17.5	5.6	1.3	.2	.1						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1962

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	.4	.1								3.1	4.5
NNE	.5	.5	.1									1.1	4.1
NE	.3	.2	.1									.6	4.5
ENE	.3	.1	.1									.4	3.4
E	1.0	.1										1.1	2.6
ESE	1.3	.7	.2									2.2	3.9
SE	3.1	3.4	.7	.1								7.3	4.2
SSE	2.2	2.3	1.1	.1		.1						5.8	4.9
S	2.9	3.4	1.5	.5	.1							8.3	5.2
SSW	.6	.5	.5	.1								1.7	5.5
SW	.5	.3	.5	.1								1.4	5.9
WSW	.2	.3	.3	.2	.1							.9	7.6
W	.3	.4	.2	.1								.9	5.2
WNW	.6	.3	.4	.1								1.3	5.5
NW	1.8	1.3	.4	.1								3.5	4.0
NNW	.6	.6	.5									1.7	4.9
VARBL													
CALM												58.9	
	17.3	15.4	6.9	1.4	.1	.1						100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 1962

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.3	1.3	1.1	.2								3.8	5.4
NNE	.5	.8	.6									1.8	5.3
NE	.6	.7	.6	.1								1.9	5.4
ENE	.5	.4	.1									1.0	4.2
E	.5	.3	.3									1.0	4.4
ESE	1.1	.6	.2	.1								1.9	4.1
SE	2.6	2.4	1.2	.2	.1							6.5	4.8
SSE	2.8	3.2	1.8	.4								8.2	5.2
S	3.6	4.7	2.9	1.2								12.4	5.7
SSW	.7	1.6	1.6	.5	.1							4.5	7.1
SW	.8	1.8	1.2	.6	.1							4.5	6.8
WSW	.1	.8	.9	.5								2.3	7.8
W	.4	1.0	1.1	.3								2.8	6.8
WNW	.4	.3	.7	.2	.1							1.5	7.2
NW	1.1	1.1	.5	.3								3.0	5.3
NNW	1.0	1.8	1.1	.2								4.1	5.6
VARBL													
CALM												38.6	
	17.9	22.9	15.8	4.5	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1962

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

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.5	2.7	2.3	.3								6.8	5.8
NNE	.8	1.1	1.7	.2								3.7	6.2
NE	.9	1.1	1.4	.2								3.5	6.1
ENE	.4	.7	.7	.1								1.7	5.8
E	.6	.8	.4									1.7	4.8
ESE	.6	.5	.4									1.4	4.7
SE	1.2	2.0	.9	.1	.1							4.2	5.3
SSE	1.5	2.1	2.0	.6								6.2	6.5
S	2.1	3.6	4.3	1.8	.3							12.1	7.3
SSW	.6	2.1	3.1	2.2	.5	.1						8.5	9.1
SW	1.0	1.8	4.5	1.6	.3	.1						9.3	8.6
WSW	1.1	2.2	2.8	1.2	.1	.1						7.3	7.5
W	1.5	2.6	2.5	1.3	.1							8.1	7.2
WNW	.6	1.1	1.2	.4								3.2	7.0
NW	.6	1.2	1.1	.3	.1							3.3	6.7
NNW	.7	1.5	2.1	.6	.1							4.9	7.3
VARBL													
CALM												14.0	
	15.4	27.0	31.4	10.8	1.3	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1962

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.2	3.0	2.8	.9								7.8	6.7
NNE	.3	2.3	2.3	.2								5.1	6.8
NE	.9	1.6	.8	.2								3.4	5.5
ENE	.4	1.1	.8	.1								2.3	5.9
E	.4	.8	.6	.1	.1							1.8	6.2
ESE	.4	.9	1.0	.1								2.3	6.2
SE	.6	1.3	.7	.1								2.7	5.5
SSE	.9	1.5	2.0	1.0								5.4	7.3
S	1.4	3.0	3.8	2.0	.3							10.5	7.9
SSW	.7	2.1	3.1	1.7	.6	.1	.1					8.3	8.9
SW	1.1	2.2	3.7	2.4	.5	.1						10.0	8.8
WSW	.9	1.5	2.6	1.5	.1							6.8	8.2
W	1.2	2.7	3.5	1.5	.4	.2						9.4	8.1
WNW	.5	1.5	1.3	.7	.1	.1						4.0	7.7
NW	.8	1.8	2.2	.7	.1			.1				5.6	7.5
NNW	.7	1.6	3.6	.8								6.8	7.5
VARBL													
CALM												7.7	
	12.2	28.8	34.9	13.8	2.1	.4	.1	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1962

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) JUN (MONTH)

ALL WEATHER (CL 33) 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	.9	3.7	3.8	1.2	.1							9.6	7.2
NNE	.6	2.2	2.2	.6								5.6	6.9
NE	.7	1.9	1.4	.2								4.2	5.9
ENE	.5	.6	.9	.1								2.1	6.2
E	.7	1.0	.5	.2								2.2	5.2
ESE	.5	.8	.6	.1								1.9	5.6
SE	.7	1.8	.8	.2								3.4	5.6
SSE	.8	1.7	1.8	1.0	.1							5.4	7.3
S	1.4	3.1	3.2	1.0	.2							8.9	7.2
SSW	.9	2.3	3.7	1.2	.3							8.4	8.0
SW	1.2	3.1	4.0	1.4	.1	.1						9.8	7.6
WSW	.6	1.8	2.0	1.0	.2							5.6	7.8
W	.9	2.0	3.2	1.0	.3							7.3	7.8
WNW	.5	1.2	1.6	.7	.2	.1		.1				4.3	8.4
NW	.8	1.4	2.1	1.0	.1							5.4	7.6
NNW	.8	1.6	3.1	1.5	.1							7.1	7.9
VARBL													
CALM												8.9	
	12.1	30.2	34.9	12.2	1.5	.1		.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1962

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.6	1.7	.2								7.7	5.1
NNE	.9	1.8	.9	.1								3.7	5.3
NE	1.2	1.5	.7	.1								3.5	4.7
ENE	.9	1.2	.1	.1								2.2	4.3
E	1.3	.9	.2									2.4	3.8
ESE	.6	1.2	.3	.1								2.2	4.9
SE	1.2	1.5	.8									3.6	4.7
SSE	1.8	1.4	.9	.2								4.3	5.0
S	3.2	4.2	2.1	.2								9.7	5.0
SSW	2.1	2.6	1.3	.2								6.2	4.9
SW	1.9	2.8	1.0	.2								5.9	5.0
WSW	.9	1.7	.5	.1								3.2	4.9
W	1.3	1.5	.8	.2								3.8	5.1
WNW	.7	.5	.4	.3			.1					1.8	6.6
NW	1.1	1.8	.9	.3	.1							4.2	6.0
NNW	1.0	2.0	1.0	.3								4.4	5.8
VARBL													
CALM												31.1	
	22.5	30.3	13.6	2.3	.1		.1					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1959

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	1.3	1.7	.6	.2								3.7	4.8
NNE	.6	.7	.1									1.3	4.2
NE	.4	.3										.7	3.4
ENE	.5	.3	.1									.8	3.8
E	1.0	.4										1.3	3.3
ESE	1.2	.5	.2	.1								1.9	3.8
SE	1.7	2.9	.6									5.1	4.4
SSE	2.6	2.3	1.1	.2								6.1	4.8
S	4.1	3.6	1.5	.4	.1							9.7	4.8
SSW	1.6	1.9	.4									4.0	4.2
SW	1.2	1.1	.3	.1		.1						2.7	5.0
WSW	.5	.1	.4	.1								1.0	5.6
W	.8	.7	.5	.1								2.0	5.1
WNW	.7	.4	.2		.1							1.2	4.7
NW	1.1	1.0	.5	.1								2.6	4.8
NNW	.8	.8	.4	.1								2.0	4.6
VARBL													
CALM												53.8	
	19.9	18.5	6.5	1.1	.1	.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 1958

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	.2	.1								2.5	3.8
NNE	.6	.4	.1	.1								1.1	4.0
NE	.3	.7	.1									1.0	4.5
ENE	.1	.2										.3	3.8
E	.5	.4	.1									.9	3.7
ESE	1.1	.6	.2									1.8	3.8
SE	2.4	2.0	.3									4.7	3.9
SSE	2.2	3.6	.7	.2								6.6	4.7
S	3.0	4.1	1.1	.1								8.3	4.5
SSW	.7	1.2	.4	.1								2.3	4.8
SW	.8	1.0	.4	.2								2.4	5.2
WSW	.2	.2	.1	.1								.5	5.3
W	.6	.4	.1	.1								1.2	4.7
WNW	1.3	.4	.2	.1	.1							2.0	4.3
NW	1.8	1.5	.7									4.0	4.4
NNW	1.0	.6	.4									2.0	4.3
VARBL													
CALM												58.5	
	17.8	18.1	4.8	.8	.1							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 1953

1210 WS FORM JUL 61 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.6	.1	.1								2.1	3.7
NNE	.2	.4	.1									.7	4.5
NE	.2	.4			.1							.7	4.7
ENE	.1	.1	.1									.2	4.3
E	.6	.3			.1							1.0	4.8
ESE	.9	.7	.1									1.7	3.8
SE	2.7	1.9	.4									5.0	3.8
SSE	2.3	3.2	1.1	.1								6.7	4.7
S	2.2	3.7	1.5									7.5	4.9
SSW	.5	1.1	.5									2.1	4.8
SW	.6	.7	.1									1.4	3.8
WSW	.3	.1	.1									.5	4.2
W	.7	.5	.3									1.4	4.4
WNW	.8	.7	.2									1.7	3.9
NW	2.4	1.5	.3	.1								4.2	4.1
NNW	.9	1.4	.4									2.8	4.4
VARBL													
CALM												60.4	
	16.7	17.3	5.2	.2	.2							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 1953

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.0	.6	.1								4.7	4.6
NNE	1.1	.6	.7									2.4	4.7
NE	.7	.8	.3	.1		.1						1.8	5.1
ENE	.4	.6	.2									1.1	4.5
E	.6	.5	.2									1.3	4.3
ESE	1.0	.9	.1									1.9	3.7
SE	2.7	1.5	.4	.2								4.8	4.0
SSE	3.1	3.3	2.1	.3								8.7	5.0
S	3.6	5.3	2.7	.2								11.7	5.0
SSW	1.1	1.6	1.6	.4								4.7	6.1
SW	.6	1.4	.8	.4								3.2	6.3
WSW	.4	.8	.6	.2								1.9	6.3
W	.7	1.2	.7	.2	.1							2.9	6.2
WNW	.5	.7	.5	.1		.1						1.8	5.9
NW	1.1	.8	.5	.1								2.5	4.9
NNW	1.2	1.0	.8	.1	.1							3.1	5.5
VARBL													
CALM												41.6	
	20.6	23.0	12.6	2.0	.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1951

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (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	1.7	2.7	1.4	.2								5.9	5.2
NNE	.9	2.3	1.4	.3								4.9	6.0
NE	.9	1.5	.7	.3								3.3	5.7
ENE	.6	.9	.6	.1								2.2	5.5
E	.8	1.0	.5									2.3	5.0
ESE	.6	.7	.1									1.3	4.2
SE	1.4	1.2	1.0	.1								3.7	5.1
SSE	1.8	3.1	1.3	.3								6.5	5.3
S	2.2	4.8	4.1	.7								11.7	6.2
SSW	1.3	2.7	3.0	.7	.1	.1						7.8	6.9
SW	1.3	2.5	2.9	1.0								7.6	7.0
WSW	.7	2.2	3.0	.7								6.6	7.1
W	1.5	2.9	2.9	.9	.2							8.4	6.9
WNW	.5	1.6	1.1	.3								3.5	6.4
NW	.8	1.3	1.2	.3								3.6	6.0
NNW	1.0	1.4	1.3	.4								4.1	6.1
VARBL													
CALM												16.4	
	17.9	32.7	26.6	6.2	.3	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1951

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (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	1.5	3.0	2.9	.7				.1				8.1	6.6
NNE	.7	2.1	2.7	.3	.1							5.9	6.8
NE	.4	1.3	.9	.1								2.7	5.7
ENE	.6	1.0	.5	.2								2.3	5.7
E	.6	1.3	.9	.1								2.9	5.5
ESE	.5	.9	.5	.1								2.0	5.4
SE	.9	1.3	.9	.1								3.2	5.3
SSE	1.2	2.3	2.1	.5								6.1	6.4
S	2.0	3.2	3.2	1.0	.1							9.5	6.5
SSW	1.0	2.4	2.7	1.1	.2							7.3	7.4
SW	.8	2.2	3.2	1.0	.3							7.4	7.8
WSW	.8	2.2	2.6	1.2	.2	.1						7.0	7.7
W	1.3	3.3	3.4	1.2	.1	.1						9.4	7.2
WNW	.7	1.6	1.7	.6	.1			.1				4.7	7.5
NW	.7	2.2	2.0	.6	.1							5.5	6.9
NNW	.9	2.0	2.0	.9		.1						5.9	7.3
VARBL													
CALM												10.0	
	14.7	32.2	32.3	9.6	1.0	.2		.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1953

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.6	4.4	1.3	.1							11.2	7.1
NNE	1.3	2.6	2.7	.5	.1							7.1	6.5
NE	.7	2.2	1.9	.4								5.2	6.5
ENE	.7	.8	.5									2.0	4.9
E	.6	1.5	.5	.1								2.7	5.3
ESE	.6	1.3	.3	.1								2.2	5.0
SE	1.4	1.9	1.0	.4								4.8	5.6
SSE	1.3	1.9	1.8	.4	.1							5.5	6.1
S	1.7	3.6	2.8	.7	.1							9.0	6.4
SSW	.7	2.0	2.7	1.1								6.6	7.6
SW	.9	2.5	3.1	.6	.2							7.2	7.1
WSW	.9	1.6	2.3	.9	.1							5.7	7.4
W	1.3	2.2	2.6	1.2	.1							7.4	7.2
WNW	.2	1.5	1.3	.4	.1		.1					3.6	7.6
NW	.7	1.2	1.6	.7	.1							4.4	7.4
NNW	.5	1.8	2.4	.7								5.4	7.4
VARBL													
CALM												10.0	
	14.4	33.3	32.0	9.4	.7		.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1952

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	4.7	2.2	.5								9.9	5.3
NNE	1.0	1.7	1.5	.2								4.4	5.8
NE	1.3	1.5	1.1		.1							4.0	5.2
ENE	.5	1.0	.2									1.7	4.8
E	.8	1.4	.2									2.4	4.2
ESE	1.2	.9	.2	.1								2.4	4.2
SE	1.3	1.8	.6	.1								3.8	4.7
SSE	1.7	2.2	1.2	.3								5.3	5.4
S	2.8	4.1	2.7	.2								9.7	5.1
SSW	1.2	2.4	1.9	.2								5.8	5.7
SW	1.4	1.4	1.0	.1	.1							3.9	5.1
WSW	1.2	1.1	.8	.2	.1							3.4	5.7
W	1.9	1.6	.9	.3								4.7	5.1
WNW	.7	.8	.4	.1								1.9	5.2
NW	.6	1.5	1.2	.1	.1							3.5	5.8
NNW	.8	1.2	.5	.1	.1							2.6	5.4
VARBL													
CALM												30.4	
	21.0	29.5	16.6	2.2	.3							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1953

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.6	.3	.1								4.2	3.9
NNE	.9	.4	.3			.1						1.6	4.8
NE	.4	.6	.1		.1							1.2	4.7
ENE	.3	.3	.1	.1								.7	5.2
E	.6	.5	.1	.1								1.2	4.3
ESE	1.0	.3	.1	.1								1.5	4.0
SE	1.7	1.5	.3									3.6	4.0
SSE	2.2	2.3	1.3	.2								5.9	4.8
S	3.7	2.8	1.7	.3								8.5	4.8
SSW	1.8	1.6	1.1	.2	.1							4.7	5.1
SW	1.3	1.5	.6	.2								3.7	5.0
WSW	.5	.4	.3	.1		.1						1.3	6.4
W	.9	.5	.3	.2								1.8	4.9
WNW	.5	.3	.2	.1								1.0	5.0
NW	1.3	1.4	.4									3.0	4.0
NNW	1.0	.9	.3									2.2	4.0
VARBL													
CALM												53.9	
	20.3	16.9	7.2	1.4	.1	.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 1953

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-56 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.0	.3									2.7	3.9
NNE	.3	.4	.1	.0								.9	4.9
NE	.1	.7	.0									.8	4.5
ENE	.0	.2										.2	4.4
E	1.1	.1										1.2	2.6
ESE	1.7	.9										2.6	3.3
SE	2.6	3.1	.1									5.9	3.8
SSE	1.7	2.0	.6	.0								4.4	4.5
S	2.1	3.2	.6	.1								6.0	4.4
SSW	.8	1.0	.6	.0								2.4	5.1
SW	.4	.7	.3									1.4	4.8
WSW	.3	.2	.1	.1								.7	5.3
W	.7	.3	.3	.0								1.4	4.9
WNW	.5	.8	.1	.0								1.4	4.5
NW	1.9	1.6	.3	.2								4.1	4.3
NNW	.8	1.5	.7	.1								3.2	5.2
VARBL													
CALM												60.1	
	16.7	18.0	4.3	.8								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 2001

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.0	.5									3.2	3.9
NNE	.4	.2	.2	.1								.9	4.8
NE	.4	.4	.1									.8	4.2
ENE		.2	.1									.2	5.5
E	1.1	.6										1.7	2.9
ESE	.8	.3										1.1	3.2
SE	3.4	3.0	.3	.1								6.7	3.8
SSE	2.0	2.8	.6									5.3	4.4
S	2.9	3.3	1.0	.1								7.2	4.3
SSW	.6	.5	.4	.1								1.6	5.3
SW	.4	.4	.4	.1								1.3	5.7
WSW	.1	.2	.1	.1								.4	6.9
W	.5	.3	.1									.9	3.9
WNW	.8	.7	.1									1.5	3.7
NW	2.1	1.8	.8	.1								4.6	4.3
NNW	1.3	1.6	.3	.1								3.2	4.2
VARBL													
CALM												59.8	
	18.2	16.9	4.7	.5								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 1999

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.8	.7	.0	.0							5.3	4.8
NNE	.5	.7	.4	.2								1.8	5.7
NE	.7	.5	.4		.0							1.7	4.9
ENE	.4	.6	.2	.1	.0							1.3	5.7
E	.4	.2	.1									.8	4.0
ESE	1.0	.6	.2									1.9	3.8
SE	3.0	2.3	.5	.1								6.0	4.1
SSE	2.7	3.6	1.0	.0								7.3	4.4
S	3.1	4.8	2.4	.3								10.6	5.1
SSW	1.0	1.8	1.1	.1								4.0	5.5
SW	.5	1.0	.6	.0								2.2	5.4
WSW	.1	.5	.2	.2	.0							1.1	7.0
W	.2	.5	.5	.1								1.4	6.3
WNW	.5	1.0	.3	.0								1.9	5.0
NW	1.3	1.4	.9	.0								3.6	5.0
NNW	1.3	1.6	.7	.1								3.8	4.9
VARBL													
CALM												44.8	
	18.7	24.2	10.6	1.5	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 2001

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (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	2.1	2.3	1.8	.2								6.6	5.3
NNE	.6	2.0	1.9	.4								5.0	6.6
NE	1.1	1.3	1.2	.3								4.1	6.0
ENE	.6	.7	.4	.0								1.8	5.1
E	.8	.5	.4	.0	.0							1.8	4.8
ESE	1.0	.8	.1	.1								2.0	4.1
SE	1.8	1.7	1.2									4.8	4.9
SSE	1.2	2.2	1.5	.5								5.5	6.1
S	1.5	4.7	4.2	1.0	.0	.0						11.6	6.8
SSW	.8	2.5	2.6	.7	.1							6.8	7.2
SW	1.1	2.5	1.9	.6	.1							6.3	6.5
WSW	.8	1.8	2.0	.5	.0							5.3	6.9
W	.9	1.8	2.4	.7	.1							5.9	7.1
WNW	.8	1.5	1.0	.3								3.7	6.0
NW	1.2	2.1	1.3	.2								4.9	5.4
NNW	.6	2.2	2.0	.4	.1							5.4	6.7
VARBL													
CALM												18.2	
	17.3	31.1	26.2	6.5	.5	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2001

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

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	4.1	3.7	1.1								10.3	6.5
NNE	.9	1.8	2.2	.5								5.3	6.6
NE	.7	2.1	1.1	.2								4.1	5.8
ENE	.5	1.0	.6	.2								2.2	5.9
E	.9	1.7	.6	.1	.1							3.3	5.4
ESE	.8	1.4	.3									2.4	4.6
SE	.5	2.5	.9									3.8	5.1
SSE	1.2	1.[illegible]	2.0	.4	.1							5.5	6.3
S	1.0	3.6	3.5	1.1	.2							9.4	7.4
SSW	1.0	2.0	2.7	.4	.1	.1						6.2	6.9
SW	.4	2.4	2.9	1.1	.2							6.8	7.8
WSW	.3	1.9	2.4	1.2	.1							5.8	8.0
W	1.[illegible]	2.3	2.8	1.6	.1			.1				7.8	7.8
WNW	.4	1.7	2.2	.4	.1		.1					4.8	7.5
NW	.8	1.7	2.8	.7	.1							6.0	7.5
NNW	.8	2.6	2.9	1.1		.1						7.4	7.4
VARBL													
CALM												9.3	
	12.5	34.2	33.3	9.7	.9	.1	.1	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2000

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.0	4.2	1.0	.0							10.4	7.0
NNE	.4	3.0	3.3	.6								7.3	7.0
NE	.8	1.8	1.6	.2								4.5	6.0
ENE	.3	1.0	.3	.1								1.8	5.5
E	.6	2.3	.7	.1								3.8	5.2
ESE	.5	1.4	.5	.0								2.5	4.9
SE	1.3	2.1	.9	.2								4.7	5.4
SSE	.8	2.3	1.1	.2	.1							4.6	5.9
S	1.6	3.1	3.3	.5								8.5	6.5
SSW	.5	1.8	2.3	.5		.0						5.3	7.3
SW	.7	2.2	2.3	.4	.1							5.8	7.2
WSW	.4	1.6	1.4	.5	.1	.0						4.2	7.4
W	.7	2.0	2.8	.4	.0							6.1	7.3
WNW	.3	1.4	1.5	.2	.1							3.6	7.1
NW	.8	2.4	2.4	.8	.1	.0						6.6	7.3
NNW	.8	2.9	4.1	1.9	.1							9.9	7.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.0	
	12.3	35.7	33.2	7.8	.7	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2001

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (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	1.8	4.1	2.1	.3	.1							8.6	5.6
NNE	1.0	2.5	1.2	.0								4.7	5.3
NE	.8	2.2	.5									3.6	4.8
ENE	.4	.7	.1	.1								1.4	5.0
E	1.1	1.6	.4									3.1	4.3
ESE	1.3	1.0	.4	.0								2.8	4.4
SE	1.8	1.9	.4									4.2	4.1
SSE	1.7	2.3	1.0	.3	.0							5.4	5.2
S	3.1	3.3	1.4	.2								8.2	4.8
SSW	1.9	1.3	.6	.1								4.0	4.5
SW	1.0	1.1	.6	.0								2.8	4.9
WSW	.8	1.0	.5		.0							2.4	4.9
W	1.0	1.5	.9	.1								3.5	5.4
WNW	.7	.6	.2	.0								1.6	4.6
NW	1.5	2.5	.9	.2				.0				5.2	5.3
NNW	.9	2.7	1.6	.4	.1							5.8	6.2
VARBL													
CALM												32.3	
	21.1	30.8	13.2	2.1	.3			.0				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 2001

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-56 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.0	.5		.0							4.2	4.4
NNE	.7	.7	.4	.0								1.9	5.2
NE	.5	.8	.1									1.5	4.1
ENE	.2	.1	.0									.4	4.0
E	.9	.7										1.6	3.5
ESE	1.1	.8	.2									2.2	4.0
SE	2.4	1.9	.4									4.8	4.0
SSE	1.9	2.4	.5	.2								5.0	4.7
S	3.2	4.2	.9	.1								8.5	4.4
SSW	1.3	1.3	.5	.0								3.2	4.7
SW	.5	.8	.5									1.9	5.0
WSW	.3	.3	.3									1.0	5.2
W	.7	.9	.3	.0								2.0	4.6
WNW	.5	.5	.2									1.3	4.5
NW	1.6	1.5	.3	.0								3.5	4.1
NNW	1.3	1.7	.7	.1								3.9	5.0
VARBL													
CALM												52.8	
	19.1	21.1	6.3	.7	.0							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 2001

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	1.5	2.8	1.5	.2								6.0	5.4
NNE	.8	.6	.7	.0								2.1	5.4
NE	.5	.4	.3									1.3	4.4
ENE	.2	.1	.0	.0								.4	4.8
E	.2	.2	.1									.6	4.1
ESE	1.0	.9	.2									2.1	3.9
SE	3.1	1.8	.5	.0								5.5	3.8
SSE	3.1	2.9	.8	.0								6.8	4.3
S	3.6	2.4	1.8	.1								7.9	4.7
SSW	.7	.8	.6	.0								2.1	5.4
SW	.8	.3	.2	.2								1.6	5.1
WSW	.3	.1										.4	3.0
W	.5	.5										1.0	3.5
WNW	.9	.6	.3									1.7	4.4
NW	2.8	1.5	.6	.1		.0						5.0	4.4
NNW	1.0	1.3	.7	.0								3.0	4.8
VARBL													
CALM												52.6	
	21.0	17.1	8.3	.9		.0						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.1	1.3	.0								6.3	4.9
NNE	.8	.1	.6									1.5	5.2
NE	.5	.6	.1									1.2	4.1
ENE	.4	.1										.6	3.1
E	.2	.1	.0									.3	3.7
ESE	1.2	.6	.2									2.0	3.8
SE	3.9	2.4	.5									6.7	3.8
SSE	2.8	2.3	1.1	.1								6.3	4.6
S	2.3	2.7	1.1	.2								6.2	4.8
SSW	1.1	.7	.4									2.2	4.4
SW	.8	.5	.3	.0								1.7	4.6
WSW	.5	.1	.0									.7	3.4
W	.6	.3	.1	.0								1.1	4.5
WNW	.7	.3	.1	.0								1.2	4.0
NW	2.3	1.7	.5	.0								4.5	4.1
NNW	1.5	1.4	.6									3.6	4.4
VARBL													
CALM												53.8	
	21.3	17.3	7.1	.6								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	2.6	1.4	.3	.0							7.6	4.9
NNE	1.1	1.0	1.2	.4								3.6	6.1
NE	1.3	.7	.4	.0	.0							2.6	4.6
ENE	.1	.3	.0	.0								.5	5.7
E	.8	.2	.2	.0								1.4	4.4
ESE	1.5	.8	.3									2.7	3.9
SE	3.1	2.9	.7	.1								6.8	4.1
SSE	2.6	2.9	1.6	.3								7.3	5.3
S	3.4	3.8	2.2	.5	.0							10.0	5.4
SSW	.4	1.1	.8	.2								2.6	6.4
SW	.8	.8	.4									2.0	4.7
WSW	.1	.5	.1									.7	4.9
W	.3	.4	.4	.0								1.1	5.7
WNW	.5	.4	.3	.1								1.3	5.6
NW	1.7	1.3	.6	.0								3.7	4.4
NNW	1.3	1.9	1.0	.2								4.4	5.2
VARBL													
CALM												41.8	
	22.2	21.6	11.9	2.4	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2069

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0900-1200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.9	2.4	.3	.0							7.2	6.0
NNE	1.4	2.2	2.7	.8	.2							7.4	7.0
NE	1.3	1.4	1.4	.2								4.3	5.8
ENE	.8	.9	.7	.3	.0							2.8	6.1
E	1.0	1.1	.5	.1								2.7	5.0
ESE	.9	1.1	1.0									2.9	5.4
SE	1.1	1.8	1.4	.5	.0							4.8	6.2
SSE	1.1	3.4	3.2	1.2								8.9	7.0
S	1.3	4.2	4.0	1.5	.0							11.0	7.0
SSW	.7	2.5	2.6	1.4	.2							7.4	7.9
SW	.8	1.4	2.3	.6	.1							5.2	7.3
WSW	.4	1.0	1.4	.3	.0							3.1	7.0
W	.8	1.3	1.2	.4								3.7	6.5
WNW	.5	1.4	.6	.4								2.9	6.3
NW	.7	1.1	.7	.6	.0							3.1	6.8
NNW	1.0	1.4	1.6	.2								4.2	6.0
VARBL													
CALM												18.5	
	15.4	28.9	27.6	8.8	.8							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	1.4	3.6	3.2	1.0	.2							9.5	7.1
NNE	.6	1.9	2.3	1.0	.1	.0						6.0	7.7
NE	1.3	2.0	1.2	.3								4.9	5.7
ENE	.5	.7	1.0	.2								2.5	6.6
E	1.3	1.5	.5	.1								3.4	4.8
ESE	.8	1.7	.6	.1								3.3	5.4
SE	1.0	2.2	1.5	.5								5.2	6.1
SSE	1.1	2.6	3.0	1.2								7.9	7.4
S	1.2	3.0	3.9	1.3	.2							9.6	7.5
SSW	.5	2.5	3.2	1.2	.1							7.6	7.8
SW	1.2	1.6	2.6	.7	.1							6.1	7.2
WSW	.5	1.0	1.3	.4	.1							3.3	7.5
W	.7	1.7	2.1	.4		.0						5.0	7.0
WNW	.7	1.3	.9	.2	.1							3.2	6.5
NW	1.1	1.8	2.0	.8	.0							5.8	6.8
NNW	1.0	2.3	2.9	1.0								7.2	7.1
VAPBL													
CALM												9.6	
	14.9	31.6	32.1	10.6	1.0	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2069

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.9	4.3	1.3	.0							12.6	6.7
NNE	1.3	2.1	2.2	.5	.0							6.0	6.5
NE	1.1	2.1	1.6	.1								4.9	5.7
ENE	.5	1.4	.6	.1								2.7	5.7
E	1.2	1.5	1.0	.1								3.8	5.3
ESE	1.3	1.8	.7									3.8	4.7
SE	1.1	2.5	1.6	.3								5.5	5.8
SSE	1.2	3.1	2.3	.5								7.1	6.3
S	1.4	3.0	2.7	.9								8.0	6.5
SSW	.9	1.4	1.7	.8	.1							4.9	7.3
SW	1.3	2.1	2.6	.5								6.4	6.4
WSW	.9	.9	.8	.5								3.1	6.5
W	.7	1.4	1.5	.0								3.7	5.9
WNW	.4	1.4	1.2	.3								3.3	6.6
NW	1.2	1.4	2.3	1.2	.1							6.3	7.5
NNW	.8	2.5	2.7	.7	.0							6.7	7.1
VARBL													
CALM												11.2	
	17.2	33.7	29.8	7.8	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	3.1	5.1	2.2	.4	.0							10.9	5.2
NNE	.9	1.7	.7	.3								3.7	5.6
NE	1.2	1.3	.9	.0								3.4	5.0
ENE	.6	.9	.1									1.6	4.2
E	1.1	1.4	.0	.0								2.6	4.2
ESE	1.0	1.2	.1									2.3	4.0
SE	2.3	2.1	.6	.1								5.2	4.4
SSE	2.1	2.6	1.1	.1	.0							6.0	4.9
S	3.0	2.9	1.6	.1								7.6	4.7
SSW	1.2	1.3	.5	.2	.0							3.3	5.1
SW	1.4	1.5	.6									3.5	4.3
WSW	.3	.7	.3	.0								1.4	5.5
W	1.1	.3	.3		.0							1.8	4.6
WNW	1.1	.6	.2	.0								2.0	4.5
NW	1.9	1.7	1.0	.3								4.9	5.2
NNW	1.6	1.6	1.6	.3								5.1	5.8
VARBL													
CALM												34.8	
	23.9	26.9	12.0	2.2	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.1	1.3	.5								6.6	5.6
NNE	.6	.6	.5	.2								2.0	6.0
NE	.5	1.1	.4			.0						2.1	5.4
ENE	.3	.1	.1	.0								.6	4.6
E	.1	.2	.0									.3	4.6
ESE	1.3	.6	.0									2.0	3.4
SE	3.0	2.1	.4									5.5	3.8
SSE	3.0	1.9	1.2	.2								6.4	4.9
S	3.4	2.7	1.5	.0								7.7	4.6
SSW	1.1	1.0	.6	.1	.0							3.0	5.2
SW	1.0	.7	.5	.1								2.3	4.6
WSW	.3	.3	.1									.7	4.2
W	.4	.4	.2	.0								1.0	4.9
WNW	.7	.1	.3	.1			.0					1.4	6.1
NW	2.2	1.4	.7	.1								4.5	4.5
NNW	1.2	1.9	1.2	.0								4.3	5.3
VARBL													
CALM												49.8	
	20.7	18.4	9.2	1.7	.0	.0	.0					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 2066

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	1.6	1.4	.7	.4								4.1	5.2
NNE	.2	.4	.6									1.1	6.3
NE	.5	.0		.0								.6	3.7
ENE	.0	.0										.1	4.0
E	.2	.1										.3	3.1
ESE	1.2	.4	.1	.0								1.7	4.0
SE	2.8	2.8	.4	.1	.1							6.1	4.4
SSE	2.7	2.9	1.8	.5								7.8	5.4
S	1.9	2.2	1.2	.3								5.6	5.4
SSW	.7	.3	.6	.1								1.7	5.6
SW	.8	.3	.0	.2								1.4	4.8
WSW	.2	.2	.5	.0	.0							1.0	7.0
W	.4	.9	.7		.0							2.1	6.2
WNW	1.3	1.5	.4	.3	.0							3.6	5.2
NW	2.8	2.4	1.1	.5	.0							6.9	5.2
NNW	1.1	1.6	1.8	.5								5.0	6.2
VARBL													
CALM												51.0	
	18.4	17.4	9.8	3.0	.3							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 2136

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.4	1.1	.3								4.5	5.3
NNE	.4	.3	.3									.9	4.9
NE	.3	.1										.4	2.8
ENE	.4											.4	2.3
E	.6	.1	.0									.8	3.1
ESE	.7	.8	.1									1.6	4.1
SE	2.3	2.3	.9	.1								5.7	4.6
SSE	2.0	2.6	2.0	.3								6.8	5.5
S	1.6	2.2	1.3	.5	.1							5.7	6.0
SSW	.9	.4	.2	.2								1.7	5.0
SW	.3	.5	.3	.1								1.2	5.8
WSW	.4	.5	.3	.0								1.2	5.1
W	.4	.6	.3	.1								1.4	5.5
WNW	1.2	1.3	.7	.4								3.5	5.9
NW	2.2	2.9	1.7	.3	.0							7.1	5.5
NNW	.9	2.5	1.4	.3	.0							5.2	6.0
VARBL													
CALM												51.9	
	16.4	18.4	10.6	2.6	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 2139

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	1.9	2.2	1.8	.7	.2							6.7	6.3
NNE	.7	.6	.6	.1								1.9	5.2
NE	.6	.2	.2	.1								1.1	5.0
ENE	.3	.1	.1									.6	4.6
E	.7	.2	.0									1.0	3.2
ESE	.9	.7	.1									1.7	3.9
SE	3.2	2.8	.4	.2								6.5	4.2
SSE	2.7	2.8	1.4	.6	.1							7.7	5.4
S	2.4	2.3	2.1	.5	.0	.0						7.4	5.7
SSW	.7	.6	.7	.1								2.1	5.8
SW	.7	.2	.4	.1								1.4	5.5
WSW	.6	.6	.4	.2	.0							1.8	6.3
W	.5	.7	.6	.1								1.9	5.9
WNW	.6	.7	1.0	.4	.0							2.8	6.9
NW	2.2	2.9	1.5	.6	.0							7.3	5.7
NNW	1.0	2.2	1.8	.7	.0							5.8	6.8
VARBL													
CALM												42.2	
	19.6	20.0	13.2	4.4	.6	.0						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 2138

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	2.3	2.6	3.6	1.5	.3							10.2	7.2
NNE	1.1	1.2	1.7	.7	.0							4.9	7.0
NE	.9	.9	.7	.4								3.0	6.1
ENE	.7	.3	.4	.2								1.6	5.7
E	1.2	.7	.5									2.5	4.3
ESE	.8	1.0	.1	.0								2.0	4.2
SE	2.2	.9	.6	.1								3.9	4.4
SSE	2.1	2.4	2.4	1.7	.2							8.8	7.2
S	1.6	3.6	3.8	1.6	.1							10.8	7.1
SSW	.7	1.9	2.4	1.4	.3							6.7	8.5
SW	.9	1.5	1.4	1.2	.0	.0						5.1	7.9
WSW	.5	.7	1.3	.5	.1							3.2	7.9
W	.6	.5	.8	.4	.1							2.4	7.4
WNW	.4	.6	1.1	.7	.0							2.9	8.3
NW	1.0	1.7	2.0	1.1	.2							5.9	7.8
NNW	1.3	1.9	2.5	1.5								7.3	7.4
VARBL													
CALM												18.8	
	18.4	22.7	25.4	13.1	1.5	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2139

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	4.2	3.5	2.0	.2	.0						11.9	7.1
NNE	.9	2.2	1.8	.7	.1	.0						5.7	7.0
NE	.9	1.4	.8	.5								3.6	6.3
ENE	.7	.5	.5	.1								1.7	5.3
E	1.0	.7	.3	.0								2.1	4.5
ESE	.6	1.2	.1									1.9	4.4
SE	1.6	1.6	.8	.1								4.1	5.0
SSE	1.0	1.3	1.9	1.0	.2							5.5	7.7
S	1.6	2.8	3.3	2.3	.1	.0						10.1	7.7
SSW	.5	1.5	2.5	1.7	.3	.1						6.6	9.1
SW	1.1	2.3	2.2	1.5	.2							7.3	7.9
WSW	.8	.9	1.6	.5	.2	.0						4.1	8.0
W	1.0	1.1	1.9	.7	.1							4.9	7.6
WNW	.4	.9	2.0	.8	.3							4.4	8.7
NW	.8	2.2	3.0	1.6	.2							7.9	8.3
NNW	.6	2.2	3.5	2.4	.2							8.9	8.7
VARBL													
CALM												9.4	
	15.4	26.9	29.6	16.0	2.3	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2138

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	2.7	4.5	3.4	1.2	.0	.0						11.9	6.3
NNE	1.1	2.1	2.1	.4	.1	.0						5.8	6.8
NE	1.0	1.8	.5	.1								3.5	5.0
ENE	.5	.5	.4	.1								1.5	5.4
E	.9	.3	.0	.0	.0							1.4	4.2
ESE	.7	.8	.2									1.7	4.4
SE	1.3	1.4	.5	.1								3.3	4.7
SSE	1.4	1.9	1.6	.7								5.7	6.3
S	2.2	4.9	2.8	.9								10.7	6.0
SSW	.9	1.6	1.8	.6	.0							4.9	7.0
SW	.8	1.5	1.4	.5								4.2	6.6
WSW	.5	1.2	.8	.2	.0	.0						2.8	7.1
W	.9	1.3	1.5	.5	.2							4.3	7.0
WNW	.8	1.5	1.4	.8	.1							4.6	7.5
NW	1.1	2.6	3.3	1.4	.0							8.5	7.3
NNW	1.1	3.1	3.9	1.7	.3							10.1	7.8
VARBL													
CALM												15.2	
	17.9	30.9	25.7	9.3	1.0	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2139

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	3.6	1.5	.5	.1	.0						8.6	5.4
NNE	.9	1.4	.6	.1								3.0	5.2
NE	.7	.7	.1		.0							1.5	4.5
ENE	.2	.1	.0									.4	4.0
E	.4	.3	.1	.0								.8	4.5
ESE	.5	.7	.2		.0							1.4	5.1
SE	1.5	1.6	.2	.1								3.4	4.3
SSE	2.0	2.6	.9	.2								5.8	4.9
S	2.8	3.2	1.7	.3								7.9	5.0
SSW	1.4	1.5	.9	.2								4.2	5.1
SW	2.1	1.0	.3									3.3	3.6
WSW	.5	.6	.1									1.2	4.3
W	1.0	1.2	.2	.2	.0							2.7	5.1
WNW	.6	.8	.7	.3	.0							2.4	6.6
NW	1.4	2.5	2.2	.7	.0							6.9	6.5
NNW	2.0	2.9	2.1	.5	.2	.0						7.7	6.2
VARBL													
CALM												38.7	
	20.5	25.0	12.0	3.2	.6	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2139

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.8	1.0	.4								5.8	5.0
NNE	.7	.6	.4									1.6	4.7
NE	.3	.5	.2	.0								1.0	5.4
ENE	.0	.2										.2	4.4
E	.3	.1										.4	3.0
ESE	1.0	.6	.3	.1								2.0	4.8
SE	2.7	2.5	.8	.0								6.0	4.3
SSE	2.3	4.1	1.0	.2								7.6	4.8
S	2.6	2.1	1.8	.6	.0							7.1	5.6
SSW	1.0	.8	.4	.1								2.4	4.8
SW	.9	.3	.3	.1								1.6	4.5
WSW	.4	.5	.1	.1								1.1	5.3
W	.6	.6	.4	.0								1.6	5.1
WNW	.9	1.0	.4	.3	.1							2.8	6.2
NW	1.5	2.7	1.8	.3	.0	.0						6.3	5.9
NNW	1.4	1.9	1.9	.7	.1							6.0	6.4
VARBL													
CALM												46.4	
	19.1	20.4	10.8	3.0	.3	.0						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2137

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

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.7	1.7	.5	.1	.0						6.3	6.3
NNE	.2	.5	.5	.2								1.4	6.9
NE	.3	.1	.3									.8	5.5
ENE	.1	.0										.1	3.0
E	.4	.1										.5	2.9
ESE	.5	.3	.2		.0							1.1	5.3
SE	2.5	3.7	1.9	.3								8.4	5.3
SSE	1.8	4.1	3.2	1.4	.1	.0						10.7	6.9
S	1.7	2.1	3.2	1.1	.2							8.5	7.3
SSW	.9	.8	1.4	.3	.2	.1	.0					3.8	8.2
SW	.4	.6	.7	.3	.0							2.0	7.1
WSW	.3	.4	.6	.2								1.5	7.3
W	.5	.5	1.6	.4	.1							3.2	7.9
WNW	.5	.9	.8	.5	.1							2.8	7.5
NW	1.4	1.8	2.3	1.0	.1							6.7	7.1
NNW	1.7	2.3	2.5	1.4	.3							8.1	7.5
VARBL													
CALM												34.0	
	14.5	21.1	20.9	7.6	1.4	.2	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2069

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	1.7	2.4	1.9	.8	.0							6.9	6.3
NNE	.3	.4	.5	.1	.0							1.4	6.8
NE	.4	.2	.0									.7	3.9
ENE	.3	.2	.1									.6	4.1
E	.2	.1										.3	3.2
ESE	.5	.6	.1	.0								1.3	4.7
SE	2.3	2.9	2.0	.4								7.7	5.2
SSE	1.6	4.2	3.3	1.2	.2							10.5	6.9
S	.9	2.6	2.3	1.3	.3							7.4	7.7
SSW	.4	.8	1.3	.3	.4	.0						3.2	8.9
SW	.5	.6	.9	.2	.0							2.2	6.8
WSW	.1	.3	.6	.6	.0							1.7	9.5
W	.9	1.4	1.0	.4	.2							4.0	7.2
WNW	.4	1.1	.8	.5	.1							2.9	7.7
NW	1.0	2.0	2.2	.9	.2	.0						6.4	7.5
NNW	1.4	1.9	2.8	1.2	.1	.0						7.4	7.4
VARBL													
CALM												35.3	
	13.1	21.7	19.8	7.9	1.9	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2069

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.8	1.8	.5	.0							7.1	5.7
NNE	.3	1.0	1.1	.1								2.5	6.8
NE	.1	.1	.3	.0								.6	6.5
ENE	.1	.1	.1									.4	5.4
E	.2	.1		.0								.4	4.4
ESE	.7	.8	.2									1.7	4.3
SE	2.3	3.2	1.5	.2								7.3	5.2
SSE	3.0	3.6	3.1	1.5	.0							11.2	6.4
S	1.9	3.0	3.3	1.8	.2	.0						10.3	7.5
SSW	.4	1.1	1.1	.7	.1							3.5	7.8
SW	.6	.8	.6	.3	.1	.0						2.5	7.1
WSW	.4	.6	1.0	.3	.0							2.4	7.6
W	.8	1.0	1.3	.4	.1	.0						3.7	7.3
WNW	.6	.8	1.1	.6	.4							3.5	8.8
NW	1.7	2.1	2.0	1.1	.4	.1						7.3	7.6
NNW	1.1	1.6	2.2	1.3	.2	.1						6.4	8.0
VARBL													
CALM												29.0	
	16.3	22.8	20.8	8.9	1.8	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.0	2.4	1.5	.1							8.6	7.1
NNE	.5	1.6	1.2	.1	.1							3.5	6.3
NE	.3	.7	.7	.1								1.8	6.7
ENE	.4	.3	.5	.0								1.3	5.7
E	.7	.4	.1									1.2	3.8
ESE	.8	.8	.3									1.9	4.6
SE	1.4	2.0	1.0	.4	.1							5.0	5.9
SSE	1.9	2.7	2.6	1.9	.5							9.6	7.9
S	1.2	2.3	4.9	3.4	1.2	.2						13.2	9.8
SSW	.4	1.1	3.0	2.4	.6	.1						7.5	10.1
SW	.3	1.0	1.4	1.2	.2							4.2	9.1
WSW	.3	.6	1.4	.9	.3							3.6	9.4
W	.5	1.1	1.5	1.4	.3	.0						4.9	9.6
WNW	.3	.6	1.6	1.2	.6	.1						4.3	10.8
NW	.5	1.4	2.8	2.1	.8							7.6	9.9
NNW	1.0	1.4	2.8	1.4	.5							7.1	8.6
VARBL													
CALM												14.7	
	12.1	21.0	28.3	18.1	5.3	.5						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	3.3	.9	.1							7.9	7.3
NNE	.3	1.4	1.3	.3	.0							3.3	7.0
NE	.7	.9	.6	.2								2.3	5.8
ENE	.2	.4										.6	4.0
E	.6	.4	.1	.0								1.2	4.1
ESE	.6	.9	.2	.1								1.8	5.1
SE	.8	1.4	.7	.1	.1							3.2	6.1
SSE	.6	1.7	2.7	2.3	.4	.0						7.8	9.2
S	.8	2.8	4.4	4.6	1.2	.3						14.2	10.3
SSW	.9	1.2	3.0	2.7	1.0							8.8	10.4
SW	.8	1.4	2.2	1.5	.2	.1						6.2	8.8
WSW	.6	.6	1.2	1.2	.3							4.0	9.5
W	.3	1.2	1.8	2.2	.4							6.0	9.9
WNW	.5	.9	2.5	1.9	.6	.1						6.6	10.1
NW	.7	1.8	2.5	2.3	.4	.1						7.9	9.6
NNW	.8	2.3	4.4	1.7	.4	.0	.0					9.8	8.8
VARBL													
CALM												8.6	
	10.2	21.7	31.1	22.2	5.3	.8						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.6	3.8	.8	.2							10.2	6.6
NNE	.9	1.3	.8	.2								3.2	5.8
NE	1.0	1.4	.4	.2								3.0	5.3
ENE	.3	.2	.1									.6	3.8
E	.4	.3	.0									.8	3.6
ESE	.5	.4	.2									1.2	4.1
SE	1.4	1.3	.7	.5								3.8	5.7
SSE	1.4	3.6	2.7	1.5	.0	.1						9.3	7.4
S	1.9	4.2	5.4	2.5	.6	.1						14.7	8.0
SSW	.4	1.4	2.5	.9	.2	.0						5.5	8.3
SW	.8	1.5	1.4	.7	.1	.0						4.6	7.4
WSW	.4	.6	.8	.4	.3	.0						2.8	9.2
W	.6	1.3	1.8	.8	.1	.0						4.7	8.0
WNW	.7	1.0	1.8	1.4	.3	.0						5.6	9.4
NW	.8	2.1	2.4	1.6	.1	.1						7.1	8.3
NNW	1.1	2.0	3.7	1.5	.2	.1						8.6	8.1
VARBL													
CALM												14.3	
	14.4	26.2	28.6	13.5	2.3	.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	1.9	3.4	2.7	.4	.0	.0						8.6	6.2
NNE	.5	.8	.3	.1								1.7	5.4
NE	.7	.5	.3	.1								1.6	5.1
ENE	.1	.2										.3	4.0
E	.1	.2	.1									.5	4.4
ESE	.3	.2	.1									.7	4.6
SE	1.0	2.1	1.2	.5								4.8	6.0
SSE	1.7	4.0	3.7	1.1	.1							10.6	6.8
S	2.7	3.3	3.4	.7	.4	.0						10.4	6.6
SSW	1.0	1.1	1.4	.3	.2							4.0	6.8
SW	1.1	.5	.9	.1								2.7	5.3
WSW	.6	.4	1.1	.3	.0	.0						2.5	7.6
W	1.2	1.1	.9	.3	.1	.0						3.7	6.6
WNW	.8	1.1	1.0	.7	.2	.1						3.9	8.1
NW	1.4	1.7	2.7	.9	.0	.0						6.7	7.2
NNW	.8	2.5	1.8	1.0	.2	.0						6.4	7.7
VARBL													
CALM												31.0	
	15.9	23.2	21.4	6.6	1.5	.4						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2070

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

SURFACE WINDS

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	1.5	2.3	2.5	.3	.1							6.8	6.3
NNE	.5	.6	.3	.0								1.5	5.0
NE	.3	.4	.3	.1								1.2	6.3
ENE	.2	.2	.0									.5	4.0
E	.4	.0										.5	2.6
ESE	.4	.5	.3	.1								1.3	5.5
SE	2.4	2.5	1.3	.3	.0							6.6	5.2
SSE	1.6	4.5	3.6	1.3	.1	.0						11.1	6.9
S	2.0	2.9	3.3	1.0	.3	.1						9.7	7.2
SSW	.4	.4	1.3	.6	.0							2.8	8.3
SW	.5	.5	.7	.1								1.8	5.9
WSW	.3	.8	.8	.3	.1							2.3	7.8
W	.3	.7	1.0	.6	.0							2.7	8.5
WNW	.7	.7	1.1	.5	.2							3.2	7.9
NW	1.5	1.9	2.4	.7	.2							6.7	7.0
NNW	1.1	2.7	2.2	1.0	.4	.0						7.3	7.5
VAPBL													
CALM												34.2	
	14.2	21.8	21.1	6.9	1.6	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2070

1210 WS FORM JUL. 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	2.5	1.2	.1							7.4	7.2
NNE	.6	.6	.9	.3		.1						2.5	7.3
NE	.7	.4	.4									1.5	4.7
ENE	.1	.3	.1									.5	4.5
E	.1	.3	.2									.7	5.4
ESE	.8	1.3	.2									2.3	4.2
SE	2.6	3.8	1.3	.3	.0							8.0	5.1
SSE	1.9	3.7	2.8	1.6	.4	.1						10.5	7.5
S	1.6	3.4	3.0	1.8	.3	.1						10.2	7.8
SSW	.6	1.2	1.2	.5	.2	.1						3.8	8.4
SW	.4	.6	.9	.4	.0							2.3	7.4
WSW	.5	.5	.4	.4								1.8	7.2
W	.7	1.4	1.6	.7	.2							4.7	7.7
WNW	.7	.9	.4	.4	.2	.1						2.7	8.0
NW	1.2	2.2	2.0	.8	.4	.0						6.6	7.3
NNW	1.1	1.6	2.8	.9	.4							6.8	8.0
VARBL													
CALM												27.4	
	15.1	24.4	20.7	9.4	2.3	.7						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2137

1210 WS FORM JUL 64 0-6-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.0	2.3	.7	.3							7.7	6.8
NNE	.5	.6	1.1	.5	.0							2.7	7.8
NE	.6	.5	.1	.1								1.3	4.6
ENE	.3	.5	.0	.0								.8	4.6
E	.6	.4										.9	3.3
ESE	.8	1.1	.3		.0							2.2	4.9
SE	2.4	3.4	1.4	.1	.0							7.4	5.1
SSE	1.5	3.5	2.6	1.4	.5	.1						9.5	7.6
S	1.7	2.6	3.9	1.9	.2							10.5	7.9
SSW	.5	.9	1.4	.5	.2	.0						3.6	8.3
SW	.4	.5	.7	.6	.0							2.2	7.8
WSW	.3	.3	1.0	.5	.1							2.2	8.6
W	.7	1.4	1.2	.7	.1		.0					4.1	7.5
WNW	.6	.8	.9	.7	.2							3.1	8.2
NW	1.3	2.5	1.5	1.0	.2		.0					6.5	7.1
NNW	.9	1.4	2.8	1.2	.2	.1						6.6	8.6
VARBL													
CALM												28.4	
	14.6	23.2	21.1	9.9	2.4	.3	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2139

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	2.3	.8	.1	.0						7.6	7.0
NNE	.6	1.2	.9	.5								3.2	6.6
NE	.2	.9	.2	.0								1.4	5.4
ENE	.2	.4	.2									.8	5.2
E	.5	.7	.0	.0								1.3	4.4
ESE	.8	.8	.2	.0								1.9	4.5
SE	2.4	3.3	1.9	.2	.2							7.9	5.5
SSE	2.1	4.4	3.2	1.2	.4	.1						11.5	7.1
S	1.4	2.9	3.6	1.9	.1							9.8	7.8
SSW	.6	.9	1.0	.6	.2	.1						3.4	8.1
SW	.7	.7	1.5	.4	.1	.0						3.5	7.8
WSW	.1	.8	.5	.4	.1							2.0	8.0
W	.4	1.4	.6	.8	.2							3.6	8.1
WNW	.5	.8	1.1	.6	.0	.1						3.2	8.2
NW	1.4	2.4	2.0	.9	.1							6.9	6.8
NNW	.8	1.7	3.0	1.0	.2	.1						6.8	8.1
VARBL													
CALM												25.5	
	13.9	26.3	22.6	9.4	1.7	.5						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2139

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	3.1	.8	.2	.1						8.2	7.2
NNE	.6	1.2	1.8	.7								4.3	7.4
NE	.4	1.3	.9	.1								2.7	6.0
ENE	.2	.7	.2	.1								1.3	5.7
E	.5	.7	.2									1.4	4.5
ESE	.8	1.0	.4	.0								2.3	4.6
SE	1.4	2.5	1.2	.0	.0							5.2	5.2
SSE	1.5	3.6	3.3	1.8	.8	.1	.0					11.1	8.3
S	1.0	3.4	5.8	2.4	.9	.0						13.5	8.9
SSW	.7	.9	2.8	1.9	.4		.0					6.7	9.8
SW	.5	.8	1.5	1.0	.6	.1						4.5	9.9
WSW	.5	.6	1.8	.7	.4	.0						4.1	9.6
W	.5	.8	1.5	1.3								4.2	8.8
WNW	.3	1.0	1.6	1.4	.4	.0						4.9	10.0
NW	1.0	1.5	2.6	1.6	.1	.0						7.0	8.2
NNW	.6	1.5	2.0	1.6	.5	.0						6.6	9.1
VARBL													
CALM												12.2	
	11.9	24.4	30.8	15.6	4.5	.6	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2139

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	1.2	2.4	2.8	1.5	.2	.0						8.3	8.0
NNE	.4	1.5	1.3	.5								3.8	7.0
NE	.7	.8	.9	.1								2.6	6.3
ENE	.4	.7	.3	.1								1.5	5.5
E	.8	.3	.1									1.3	3.6
ESE	.8	.7	.3									1.8	4.7
SE	1.2	1.5	.9	.1		.0						3.8	5.5
SSE	.5	3.4	3.2	1.9	.8	.2						10.1	8.8
S	.9	2.6	5.0	3.4	.8	.2						12.9	9.4
SSW	.5	1.2	2.9	2.6	.6	.2						8.0	10.6
SW	.5	1.6	2.7	1.6	.6	.1						7.2	9.4
WSW	.1	1.0	2.5	1.4	.4	.1						5.5	10.1
W	.6	1.3	2.5	1.7	.2							6.3	8.9
WNW	.5	.8	1.9	1.3	.4							4.8	9.7
NW	.9	1.4	2.4	1.9	.4	.0						7.0	8.8
NNW	.6	1.7	2.8	1.8	.3	.1						7.3	8.9
VARBL													
CALM												7.8	
	10.6	23.1	32.7	20.1	4.7	1.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2133

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	2.0	3.5	2.8	1.0	.2	.1						9.6	6.8
NNE	1.1	1.4	1.4	.1		.0						4.1	5.9
NE	.8	1.0	.7	.1	.0							2.8	5.8
ENE	.3	.3	.2	.0								.9	5.3
E	.6	.3	.2									1.0	4.0
ESE	.7	.7	.1									1.4	3.8
SE	1.7	2.5	1.2	.1	.1							5.7	5.4
SSE	.9	4.3	3.5	1.6	.3	.2						10.8	7.8
S	1.2	3.8	4.4	2.0	.4	.0						11.9	8.0
SSW	.7	2.1	2.3	1.3	.2	.0						6.6	8.0
SW	.9	1.5	1.4	1.1	.2							5.2	8.0
WSW	.6	1.4	1.9	1.2	.1	.0						5.2	8.1
W	.4	1.5	2.0	.8	.2	.1	.0					5.0	8.4
WNW	.2	.8	1.5	.9		.1						3.6	9.2
NW	.8	2.1	2.8	1.1	.2	.0						7.1	8.0
NNW	.9	1.8	2.5	1.9	.5							7.6	8.8
VARBL													
CALM												11.5	
	13.9	28.9	29.0	13.4	2.5	.7	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2139

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.7	2.3	.9	.1	.0						7.7	7.0
NNE	.6	1.3	1.2	.1	.1							3.3	6.3
NE	.7	.7	.6	.1			.0					2.1	6.1
ENE	.4	.2	.0									.7	3.6
E	.5	.3	.1									.9	3.8
ESE	.3	.7	.5	.0								1.5	6.1
SE	1.4	2.0	1.3	.1	.0							5.0	5.5
SSE	1.7	4.1	3.8	1.2	.3	.0						11.1	7.2
S	2.1	4.7	3.7	1.1	.2	.0						11.8	6.6
SSW	.5	1.4	1.4	.2	.1							3.6	6.9
SW	1.2	.9	1.1	.6	.2							4.1	7.0
WSW	.6	.6	.6	.3	.0	.0						2.2	7.1
W	1.1	1.4	1.1	.7	.4	.0						4.8	7.8
WNW	.6	.7	.7	.5	.2	.1						2.9	8.4
NW	1.1	1.6	2.4	1.0	.1							6.1	7.3
NNW	1.1	1.7	3.3	1.4	.2							7.7	8.0
VARBL													
CALM												24.5	
	15.3	25.1	24.1	8.3	2.2	.3	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2139

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.9	2.2	1.2	.2							8.1	6.9
NNE	.7	.8	.6	.4	.0							2.5	6.8
NE	.4	.5	.6	.0								1.5	5.9
ENE	.3	.2	.1									.6	4.2
E	.3	.2	.1									.6	4.5
ESE	.4	1.1	.2	.0								1.7	4.7
SE	1.7	2.3	1.5	.3	.0							5.8	5.7
SSE	1.6	4.1	3.6	1.8	.4							11.6	7.5
S	1.5	3.2	3.4	2.1	.6							10.8	8.0
SSW	.8	.9	1.4	.2	.1	.0						3.5	7.1
SW	.5	.6	1.6	.5		.0						3.3	7.5
WSW	.5	.8	.7	.5	.1							2.6	7.4
W	.7	1.3	1.3	.7	.2							4.2	7.6
WNW	.5	.9	.7	.7	.2	.0	.0					3.0	8.9
NW	.9	1.7	2.0	1.2	.4							6.3	8.1
NNW	.7	1.7	2.8	1.4	.0	.0						6.6	8.1
VARBL													
CALM												27.3	
	13.1	23.2	22.9	10.9	2.4	.2	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2138

1210 WS FORM JUL 64 0-8-5 (OL-1) 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)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-47,49-66 (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	1.9	3.2	4.3	1.8	.3	.1						11.7	7.6
NNE	.8	1.5	1.5	.5	.1	.0						4.4	6.8
NE	.7	.9	.7	.2	.0	.0	.0					2.5	5.9
ENE	.4	.5	.2	.1	.0							1.1	5.3
E	.6	.6	.3	.0	.0							1.6	4.8
ESE	.8	.7	.4	.1	.0							2.0	4.9
SE	1.6	1.6	1.0	.2	.1	.0						4.5	5.5
SSE	1.2	1.9	2.1	1.0	.3	.1						6.6	7.8
S	1.1	1.8	2.5	1.0	.2	.0						6.7	7.8
SSW	.4	.8	1.1	.6	.1	.0	.0					3.0	8.3
SW	.5	.7	.8	.4	.1	.0						2.6	7.4
WSW	.3	.6	.7	.5	.1	.1						2.2	8.5
W	.7	1.1	1.4	1.2	.3	.0		.0				4.6	8.9
WNW	.5	1.2	2.1	1.5	.5	.1	.0					5.9	9.6
NW	1.2	2.8	3.7	2.4	.5	.1	.0	.0				10.8	8.7
NNW	.9	2.6	4.1	2.4	.6	.1						10.7	8.9
VARBL													
CALM												19.1	
	13.7	22.5	27.0	13.8	3.2	.6	.0	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 19171

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
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 of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	44.2	47.	48.7	49.8	50.6	50.7	51.0	51.2	51.2	51.3	51.4	51.4	51.5	51.5	51.5	51.7
≥ 20000	49.8	54.4	56.2	57.5	58.3	58.5	58.8	59.	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.6
IVIV 18000	49.	54.6	56.5	57.8	58.6	58.8	59.2	59.3	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.9
16000	49.2	55.0	56.9	58.2	59.	59.2	59.5	59.7	59.7	59.9	60.0	60.	60.1	60.1	60.1	60.3
IVIV 14000	41.1	56.3	58.2	59.5	60.4	60.6	60.9	61.1	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.7
12000	42.3	58.5	60.5	61.8	62.7	62.9	63.3	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.9	64.
IVIV 10000	43.9	6 .6	62.7	64.2	65.1	65.3	65.7	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.3	66.4
9000	44.5	61.6	63.8	65.2	66.2	66.4	66.8	67.	67.	67.2	67.2	67.2	67.3	67.3	67.4	67.5
IVIV 8000	45.6	63.6	65.8	67.3	68.3	68.5	68.9	69.1	69.1	69.3	69.4	69.4	69.5	69.5	69.6	69.7
7000	46.6	65.3	67.7	69.2	70.3	70.5	70.9	71.1	71.2	71.3	71.4	71.4	71.5	71.5	71.6	71.7
IVIV 6000	47.2	66.5	69.3	70.6	71.7	71.9	72.3	72.6	72.6	72.8	72.8	72.9	72.9	73.0	73.0	73.2
5000	48.4	68.7	71.3	73.	74.2	74.4	74.9	75.1	75.1	75.3	75.4	75.4	75.5	75.5	75.6	75.7
IVIV 4500	49.	69.8	72.5	74.3	75.5	75.7	76.2	76.4	76.5	76.7	76.7	76.7	76.8	76.8	76.9	77.1
4000	50.1	71.7	74.5	76.3	77.6	77.8	78.3	78.6	78.6	78.8	78.9	78.9	79.0	79.0	79.1	79.2
IVIV 3500	51.1	73.3	76.1	78.1	79.4	79.6	80.2	80.4	80.5	80.7	80.8	80.8	80.9	80.9	80.9	81.1
3000	52.3	75.2	78.2	80.3	81.7	81.9	82.5	82.8	82.8	83.0	83.1	83.1	83.2	83.2	83.3	83.4
IVIV 2500	53.1	77.2	80.3	82.5	84.0	84.3	84.9	85.2	85.2	85.4	85.5	85.5	85.6	85.6	85.7	85.8
2000	54.	79.4	82.8	85.2	86.8	87.1	87.8	88.1	88.1	88.4	88.5	88.5	88.6	88.6	88.7	88.8
IVIV 1800	54.2	80.9	83.5	85.9	87.5	87.8	88.5	88.9	88.9	89.2	89.3	89.3	89.4	89.4	89.5	89.6
1500	54.6	81.3	85.0	87.6	89.4	89.7	90.5	90.9	90.9	91.2	91.3	91.3	91.4	91.4	91.5	91.6
IVIV 1200	54.8	82.4	86.2	89.0	91.1	91.4	92.3	92.7	92.8	93.1	93.2	93.2	93.3	93.3	93.4	93.6
1000	54.9	82.9	86.9	89.9	92.1	92.5	93.5	93.9	94.0	94.3	94.5	94.5	94.6	94.6	94.7	94.8
IVIV 900	55.	83.2	87.2	90.3	92.6	93.0	94.1	94.5	94.6	95.0	95.1	95.1	95.2	95.2	95.3	95.5
800	55.	83.4	87.5	90.7	93.1	93.6	94.7	95.2	95.3	95.7	95.8	95.9	96.0	96.0	96.1	96.2
IVIV 700	55.	83.5	87.8	91.0	93.5	94.0	95.2	95.8	95.9	96.3	96.4	96.5	96.6	96.6	96.7	96.9
600	55.	83.7	88.0	91.3	94.0	94.5	95.8	96.4	96.5	97.0	97.2	97.2	97.4	97.4	97.5	97.6
IVIV 500	55.	83.8	88.1	91.5	94.3	94.8	96.3	97.0	97.1	97.7	97.9	97.9	98.1	98.1	98.2	98.4
400	55.	83.8	88.2	91.6	94.5	95.0	96.6	97.4	97.5	98.1	98.4	98.4	98.6	98.6	98.7	98.9
IVIV 300	55.	83.8	88.2	91.7	94.6	95.2	96.8	97.6	97.7	98.5	98.7	98.8	99.0	99.0	99.1	99.3
200	55.	83.8	88.2	91.7	94.6	95.2	96.9	97.7	97.8	98.6	98.9	98.9	99.2	99.2	99.4	99.6
IVIV 100	55.	83.8	88.2	91.7	94.6	95.2	96.9	97.7	97.8	98.7	99.0	99.0	99.3	99.3	99.5	99.8
0	55.	83.8	88.2	91.7	94.6	95.2	96.9	97.7	97.8	98.7	99.0	99.0	99.3	99.4	99.6	100.

TOTAL NUMBER OF OBSERVATIONS 195146

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	31.6	32.1	33.7	34.8	35.6	35.7	36.1	36.3	36.3	36.5	36.6	36.6	36.7	36.7	36.8	36.9
≥ 20000	35.2	37.4	39.3	41.8	41.7	42.0	42.5	42.8	42.8	43.0	43.1	43.1	43.2	43.2	43.3	43.5
18000	35.3	37.7	39.5	41.0	42.3	42.3	42.7	43.0	43.0	43.3	43.4	43.4	43.5	43.5	43.6	43.7
16000	35.5	37.9	39.8	41.3	42.3	42.5	43.0	43.3	43.3	43.5	43.6	43.6	43.8	43.8	43.9	44.0
14000	35.9	38.8	40.7	42.2	43.2	43.5	44.0	44.3	44.3	44.5	44.6	44.6	44.8	44.8	44.9	45.0
12000	36.8	40.1	42.1	43.9	44.9	45.2	45.6	46.0	46.0	46.2	46.3	46.3	46.4	46.5	46.6	46.7
10000	37.8	41.9	44.0	45.9	46.9	47.2	47.7	48.0	48.0	48.3	48.4	48.4	48.5	48.5	48.6	48.7
9000	38.3	42.8	45.0	46.9	48.0	48.3	48.8	49.1	49.1	49.4	49.5	49.5	49.6	49.6	49.7	49.9
8000	39.1	44.4	46.8	48.7	49.9	50.2	50.8	51.1	51.2	51.4	51.5	51.5	51.6	51.7	51.7	51.9
7000	39.8	45.8	48.3	50.4	51.7	52.1	52.7	53.0	53.0	53.3	53.4	53.4	53.5	53.6	53.6	53.8
6000	40.3	46.9	49.5	51.7	53.1	53.4	54.0	54.4	54.4	54.7	54.8	54.8	55.0	55.0	55.1	55.2
5000	41.	48.8	51.5	53.8	55.4	55.7	56.4	56.8	56.8	57.1	57.2	57.2	57.3	57.3	57.4	57.6
4500	41.5	49.9	52.8	55.2	56.7	57.1	57.8	58.2	58.2	58.5	58.6	58.6	58.7	58.7	58.8	59.0
4000	42.1	51.2	54.2	56.8	58.4	58.8	59.5	60.0	60.0	60.3	60.4	60.4	60.5	60.6	60.7	60.8
3500	42.8	52.7	55.9	58.5	60.3	60.7	61.5	62.0	62.0	62.3	62.4	62.4	62.6	62.6	62.7	62.8
3000	43.8	54.7	58.1	60.8	62.7	63.1	64.1	64.6	64.6	64.9	65.0	65.0	65.2	65.2	65.3	65.4
2500	45.	57.6	61.2	64.2	66.2	66.6	67.6	68.1	68.1	68.5	68.6	68.6	68.8	68.8	68.9	69.0
2000	46.3	61.7	65.7	69.0	71.4	71.9	73.0	73.6	73.7	74.2	74.3	74.4	74.5	74.5	74.6	74.8
1800	46.6	62.7	66.7	70.2	72.7	73.2	74.4	75.0	75.1	75.6	75.8	75.8	75.9	76.0	76.1	76.2
1500	47.2	65.2	69.6	73.3	76.2	76.8	78.1	78.8	78.9	79.6	79.8	79.8	80.0	80.0	80.1	80.3
1200	47.4	67.1	72.0	76.1	79.5	80.1	81.7	82.5	82.6	83.4	83.6	83.6	83.8	83.8	83.9	84.1
1000	47.6	68.0	73.2	77.6	81.5	82.3	84.2	85.1	85.1	86.0	86.3	86.3	86.5	86.5	86.6	86.8
900	47.6	68.5	73.9	78.5	82.7	83.5	85.6	86.5	86.6	87.5	87.8	87.9	88.1	88.1	88.2	88.4
800	47.6	68.9	74.5	79.3	83.8	84.8	87.3	88.3	88.4	89.4	89.7	89.7	89.9	89.9	90.1	90.3
700	47.6	69.2	75.0	80.1	84.9	85.9	88.7	89.8	89.9	90.9	91.3	91.3	91.5	91.5	91.7	91.9
600	47.6	69.4	75.4	80.8	85.9	86.9	90.0	91.3	91.4	92.6	93.0	93.1	93.3	93.3	93.5	93.7
500	47.7	69.5	75.6	81.1	86.5	87.7	91.2	92.7	92.8	94.2	94.8	94.9	95.2	95.2	95.5	95.7
400	47.7	69.6	75.7	81.4	87.0	88.2	91.9	93.6	93.7	95.3	96.0	96.1	96.5	96.5	96.8	97.0
300	47.7	69.6	75.8	81.5	87.2	88.5	92.5	94.3	94.6	96.4	97.2	97.3	97.9	97.9	98.2	98.4
200	47.7	69.6	75.8	81.5	87.3	88.6	92.7	94.6	94.8	96.8	97.7	97.8	98.5	98.5	98.8	99.1
100	47.7	69.6	75.8	81.5	87.3	88.6	92.7	94.6	94.9	97.0	98.0	98.1	98.8	98.9	99.2	99.6
0	47.7	69.6	75.8	81.5	87.3	88.6	92.7	94.6	94.9	97.0	98.0	98.1	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 17059

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	24.8	36.6	38.2	39.5	40.3	40.4	40.8	41.0	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.4
≥ 20000	28.8	42.7	44.6	46.1	47.1	47.2	47.7	48.0	48.0	48.2	48.3	48.3	48.3	48.3	48.4	48.4
18000	28.9	42.8	44.8	46.3	47.3	47.4	47.9	48.2	48.2	48.4	48.5	48.5	48.5	48.5	48.6	48.6
16000	29.1	43.1	45.0	46.5	47.5	47.6	48.1	48.4	48.4	48.6	48.7	48.7	48.7	48.7	48.8	48.8
14000	29.8	44.2	46.2	47.8	48.8	48.9	49.4	49.7	49.7	49.9	50.0	50.0	50.1	50.1	50.1	50.1
12000	30.7	46.0	48.1	49.7	50.8	50.9	51.4	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.1	52.1
10000	31.8	48.1	50.2	52.0	53.1	53.2	53.7	54.0	54.1	54.3	54.3	54.3	54.4	54.4	54.4	54.5
9000	32.4	49.1	51.3	53.1	54.2	54.3	54.9	55.2	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.7
8000	33.5	51.2	53.5	55.4	56.6	56.8	57.4	57.7	57.7	57.9	58.0	58.0	58.1	58.1	58.1	58.2
7000	34.4	53.1	55.5	57.5	58.7	58.9	59.5	59.8	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.3
6000	35.1	54.4	57.0	59.1	60.4	60.6	61.2	61.6	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0
5000	35.9	56.1	58.9	61.2	62.6	62.8	63.5	63.8	63.9	64.1	64.2	64.2	64.2	64.2	64.3	64.3
4500	36.4	57.3	60.2	62.6	64.1	64.3	65.0	65.4	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.9
4000	37.	58.9	61.9	64.4	66.0	66.2	67.0	67.3	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.9
3500	37.6	60.4	63.6	66.2	67.8	68.0	68.8	69.2	69.2	69.5	69.6	69.6	69.7	69.7	69.7	69.8
3000	38.4	62.3	65.6	68.5	70.3	70.5	71.3	71.7	71.8	72.1	72.2	72.2	72.2	72.2	72.3	72.4
2500	39.5	65.0	68.6	71.6	73.6	73.9	74.8	75.2	75.2	75.6	75.7	75.7	75.7	75.7	75.8	75.8
2000	40.7	68.1	72.1	75.5	77.8	78.1	79.2	79.7	79.7	80.1	80.2	80.2	80.2	80.3	80.3	80.4
1800	40.9	69.1	73.1	76.6	79.0	79.4	80.5	81.0	81.1	81.4	81.6	81.6	81.6	81.6	81.7	81.7
1500	41.4	70.7	75.1	78.9	81.6	82.0	83.3	83.8	83.9	84.3	84.4	84.4	84.5	84.5	84.5	84.6
1200	41.7	72.6	77.4	81.6	84.7	85.2	86.6	87.3	87.3	87.8	87.9	87.9	88.0	88.0	88.0	88.1
1000	42.	73.6	78.5	83.0	86.4	87.0	88.5	89.2	89.3	89.8	90.0	90.0	90.0	90.0	90.1	90.2
900	42.1	74.1	79.2	83.9	87.5	88.0	89.7	90.5	90.6	91.2	91.4	91.4	91.4	91.4	91.5	91.6
800	42.1	74.5	79.8	84.6	88.4	89.0	90.9	91.8	91.9	92.5	92.7	92.7	92.8	92.8	92.8	92.9
700	42.2	74.8	80.2	85.2	89.2	89.9	91.9	92.9	93.0	93.6	93.8	93.9	93.9	93.9	94.0	94.1
600	42.2	75.0	80.6	85.7	90.0	90.8	93.0	94.2	94.3	95.0	95.3	95.3	95.4	95.4	95.5	95.6
500	42.2	75.1	81.0	86.1	90.5	91.4	93.9	95.2	95.3	96.2	96.5	96.5	96.7	96.7	96.8	96.8
400	42.2	75.2	81.0	86.3	90.9	91.8	94.5	96.0	96.1	97.1	97.5	97.5	97.7	97.8	97.9	97.9
300	42.2	75.2	81.0	86.4	91.1	92.0	94.8	96.3	96.5	97.7	98.1	98.2	98.5	98.6	98.7	98.8
200	42.2	75.2	81.0	86.4	91.1	92.0	94.9	96.5	96.7	97.9	98.5	98.5	98.9	99.1	99.2	99.3
100	42.2	75.2	81.0	86.4	91.1	92.0	94.9	96.5	96.7	98.0	98.6	98.6	99.1	99.2	99.4	99.6
0	42.2	75.2	81.0	86.4	91.1	92.1	94.9	96.5	96.7	98.0	98.6	98.6	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 14897

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	[illegible]	47.9	42.0	42.6	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.3
≥ 20000	36.	47.6	49.0	49.8	50.2	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.7
18000	36.3	48.1	49.5	50.3	50.7	50.8	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2
16000	36.6	48.6	50.0	50.8	51.2	51.3	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.7
14000	37.7	49.5	50.9	51.7	52.2	52.2	52.4	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.7
12000	38.2	51.1	52.6	53.4	53.9	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4
10000	39.3	53.0	54.5	55.4	55.9	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4
9000	39.8	53.9	55.5	56.4	56.9	56.9	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4
8000	41.1	56.2	57.9	58.8	59.3	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.9
7000	42.5	58.7	60.5	61.5	62.0	62.1	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.7
6000	43.5	60.5	62.4	63.6	64.2	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.9
5000	44.6	62.8	64.8	66.2	66.9	67.0	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.6
4500	45.5	64.4	66.6	68.0	68.7	68.8	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.5
4000	46.8	66.7	69.0	70.5	71.3	71.5	71.8	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.2
3500	47.9	68.7	71.2	72.7	73.7	73.8	74.2	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6
3000	49.	71.2	73.8	75.5	76.5	76.7	77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.5	77.6
2500	50.4	74.2	77.1	78.9	80.0	80.3	80.6	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.1
2000	51.5	77.6	80.9	82.8	84.2	84.5	84.9	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.6
1800	51.8	78.4	81.9	84.0	85.5	85.7	86.2	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.8
1500	52.3	80.2	84.0	86.2	88.5	88.2	88.8	89.0	89.0	89.2	89.3	89.3	89.3	89.3	89.4	89.5
1200	52.6	81.8	85.9	88.4	90.4	90.8	91.5	91.8	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.3
1000	52.8	82.6	87.0	89.7	91.8	92.2	93.1	93.5	93.5	93.8	93.8	93.8	93.9	93.9	94.0	94.1
900	52.8	82.9	87.3	90.1	92.4	92.8	93.8	94.2	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.8
800	52.8	83.1	87.6	90.5	92.9	93.3	94.5	95.0	95.0	95.4	95.4	95.4	95.5	95.5	95.6	95.7
700	52.8	83.2	87.9	90.9	93.4	93.9	95.2	95.8	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.6
600	52.8	83.5	88.2	91.3	93.9	94.4	95.9	96.6	96.7	97.1	97.2	97.2	97.4	97.4	97.5	97.6
500	52.8	83.5	88.3	91.6	94.3	94.9	96.6	97.4	97.5	98.1	98.2	98.2	98.5	98.5	98.6	98.6
400	52.9	83.6	88.4	91.6	94.5	95.1	96.8	97.7	97.8	98.5	98.7	98.7	99.0	99.0	99.1	99.2
300	52.9	83.6	88.4	91.7	94.6	95.2	97.0	97.9	98.0	98.8	99.1	99.1	99.4	99.4	99.5	99.6
200	52.9	83.6	88.4	91.7	94.6	95.2	97.1	98.0	98.1	99.0	99.2	99.2	99.6	99.6	99.7	99.8
100	52.9	83.6	88.4	91.7	94.6	95.2	97.1	98.0	98.1	99.0	99.3	99.3	99.6	99.6	99.8	99.9
0	52.9	83.6	88.4	91.7	94.6	95.2	97.1	98.0	98.2	99.0	99.3	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 16352

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	38.8	46.1	46.7	47.2	47.2	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5
≥ 20000	46.2	54.9	55.6	56.0	56.2	56.2	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	46.6	55.3	55.9	56.3	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9
≥ 16000	47.1	55.9	56.6	57.0	57.2	57.2	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	48.1	57.1	57.8	58.2	58.4	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.8
≥ 12000	49.7	59.1	59.8	60.2	60.5	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	51.8	61.8	62.5	63.0	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 9000	52.8	63.2	63.9	64.3	64.6	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	54.3	65.5	66.3	66.8	67.1	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	56.1	68.4	69.4	70.0	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7
≥ 6000	57.3	70.3	71.4	71.9	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8
≥ 5000	59.3	73.7	74.9	75.7	76.1	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	60.4	75.3	76.6	77.4	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 4000	62.3	78.0	79.3	80.2	80.8	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 3500	63.8	80.1	81.6	82.6	83.2	83.2	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 3000	65.3	82.5	84.2	85.2	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 2500	66.4	84.6	86.4	87.5	88.3	88.3	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥ 2000	67.5	86.8	88.9	90.2	91.0	91.1	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1800	67.7	87.4	89.5	90.8	91.7	91.8	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 1500	68.2	88.8	91.1	92.5	93.5	93.6	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 1200	68.5	89.6	92.1	93.7	94.8	95.0	95.4	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.9
≥ 1000	68.5	90.0	92.5	94.2	95.5	95.7	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 900	68.6	90.2	92.7	94.6	95.9	96.1	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 800	68.6	90.3	92.9	94.8	96.3	96.5	97.1	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.7
≥ 700	68.6	90.5	93.1	95.1	96.6	96.9	97.4	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.1
≥ 600	68.7	90.6	93.3	95.4	97.0	97.3	98.0	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 500	68.7	90.7	93.4	95.6	97.3	97.6	98.4	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 400	68.7	90.7	93.5	95.8	97.6	97.9	98.7	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.6
≥ 300	68.7	90.7	93.5	95.8	97.6	97.9	98.8	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.8
≥ 200	68.7	90.7	93.5	95.8	97.6	97.9	98.8	99.2	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.9
≥ 100	68.7	90.7	93.5	95.8	97.6	97.9	98.8	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	100.0
0	68.7	90.7	93.5	95.8	97.6	97.9	98.8	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 15840

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	42.6	52.5	53.4	53.8	54.2	54.2	54.4	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.8
≥ 20000	[illegible].4	62.1	63.1	63.6	64.0	64.1	64.3	64.3	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.8
AVIV 18000	[illegible].6	62.4	63.4	63.9	64.3	64.4	64.5	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.9	65.0
16000	[illegible].9	62.7	63.7	64.2	64.6	64.7	64.9	64.9	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.4
AVIV 14000	52.1	64.2	65.3	65.8	66.2	66.3	66.4	66.5	66.5	66.6	66.7	66.7	66.7	66.8	66.8	67.0
12000	54.	66.8	67.9	68.4	68.8	68.9	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.5	69.6
AVIV 10000	55.5	69.1	70.3	70.9	71.3	71.4	71.5	71.6	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.1
9000	56.3	70.3	71.5	72.1	72.5	72.6	72.7	72.8	72.8	72.9	73.0	73.0	73.1	73.1	73.2	73.3
AVIV 8000	57.6	72.3	73.6	74.3	74.8	74.9	75.0	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.5	75.6
7000	58.6	74.1	75.5	76.2	76.6	76.8	76.9	77.[illegible]	77.0	77.2	77.2	77.2	77.3	77.3	77.4	77.5
AVIV 6000	59.5	75.5	76.9	77.7	78.2	78.3	78.5	78.6	78.6	78.7	78.8	78.8	78.9	78.9	79.0	79.1
5000	61.1	77.9	79.4	80.2	80.7	80.9	81.1	81.2	81.2	81.4	81.4	81.4	81.5	81.5	81.6	81.7
AVIV 4500	62.[illegible]	79.3	80.9	81.7	82.2	82.4	82.6	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.1	83.3
4000	63.5	81.5	83.1	84.0	84.6	84.8	85.0	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.7
AVIV 3500	64.4	82.9	84.6	85.6	86.2	86.4	86.7	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.3	87.4
3000	65.9	85.2	87.1	88.1	88.8	89.0	89.3	89.4	89.4	89.6	89.7	89.7	89.8	89.8	89.9	90.0
AVIV 2500	66.8	86.8	88.8	89.9	90.7	90.9	91.2	91.3	91.3	91.5	91.6	91.6	91.7	91.7	91.8	91.9
2000	67.6	88.5	90.7	91.8	92.6	92.9	93.2	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.9	94.0
AVIV 1800	67.8	88.9	91.1	92.3	93.1	93.3	93.7	93.9	93.9	94.1	94.2	94.2	94.2	94.3	94.3	94.5
1500	68.1	89.8	92.1	93.4	94.3	94.6	94.9	95.1	95.1	95.4	95.5	95.5	95.5	95.5	95.6	95.8
AVIV 1200	68.3	90.5	92.9	94.2	95.3	95.5	95.9	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.7	96.8
1000	68.5	90.8	93.3	94.8	95.9	96.2	96.6	96.8	96.9	97.1	97.2	97.2	97.3	97.3	97.4	97.5
AVIV 900	68.5	90.9	93.5	95.0	96.2	96.5	97.0	97.2	97.2	97.5	97.6	97.6	97.7	97.7	97.8	97.9
800	68.5	91.1	93.7	95.3	96.6	96.9	97.4	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.2	98.4
AVIV 700	68.5	91.2	93.8	95.4	96.8	97.1	97.6	97.9	97.9	98.2	98.3	98.3	98.4	98.4	98.5	98.6
600	68.5	91.2	94.0	95.6	97.0	97.3	97.9	98.2	98.2	98.5	98.6	98.6	98.7	98.7	98.8	98.9
AVIV 500	68.5	91.3	94.1	95.7	97.2	97.5	98.1	98.5	98.5	98.8	98.9	98.9	99.0	99.0	99.1	99.2
400	68.5	91.3	94.1	95.7	97.2	97.6	98.3	98.7	98.7	99.1	99.2	99.2	99.2	99.3	99.3	99.5
AVIV 300	68.5	91.3	94.1	95.8	97.3	97.6	98.4	98.7	98.8	99.2	99.3	99.3	99.4	99.4	99.5	99.7
200	68.5	91.3	94.1	95.8	97.3	97.6	98.4	98.8	98.8	99.2	99.4	99.4	99.5	99.5	99.6	99.8
AVIV 100	68.5	91.3	94.1	95.8	97.3	97.7	98.4	98.8	98.9	99.3	99.4	99.4	99.5	99.5	99.6	99.9
0	68.5	91.3	94.1	95.8	97.3	97.7	98.4	98.8	98.9	99.3	99.4	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 16363

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	41.7	54.6	56.0	56.9	57.8	57.9	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.5
≥ 20000	59.[illegible]	64.8	66.3	67.3	68.3	68.4	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	69.0
18000	59.4	65.2	66.7	67.7	68.7	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4
16000	59.7	65.5	67.1	68.1	69.[illegible]	69.2	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7
14000	61.9	67.1	68.7	69.6	70.6	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.4
12000	63.5	69.4	71.0	72.1	73.1	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.9
10000	65.3	72.1	73.8	75.0	76.1	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.9
9000	65.9	73.2	75.0	76.1	77.3	77.4	77.7	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.1
8000	67.2	75.2	77.0	78.3	79.4	79.6	79.9	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.3
7000	68.1	76.6	78.5	79.8	81.0	81.2	81.5	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.9
6000	68.7	77.6	79.7	81.0	82.2	82.4	82.7	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2
5000	69.[illegible]	79.8	82.0	83.4	84.7	84.9	85.3	85.4	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7
4500	69.7	80.8	83.0	84.5	85.7	86.0	86.3	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.8
4000	62.3	83.1	85.4	86.9	88.2	88.4	88.8	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.3
3500	63.7	84.9	87.2	88.8	90.1	90.3	90.7	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.2
3000	64.9	86.5	88.9	90.5	91.9	92.1	92.5	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.1
2500	65.8	87.9	90.3	92.0	93.4	93.7	94.0	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.6
2000	66.4	88.9	91.5	93.1	94.6	94.8	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.8	95.8
1800	66.6	89.2	91.8	93.5	95.0	95.2	95.6	95.7	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.2
1500	66.9	90.3	92.7	94.4	96.0	96.2	96.6	96.8	96.8	97.0	97.0	97.0	97.2	97.2	97.2	97.3
1200	67.2	90.4	93.2	95.0	96.7	96.9	97.3	97.5	97.5	97.7	97.7	97.8	97.9	97.9	97.9	98.0
1000	67.3	90.7	93.5	95.4	97.1	97.4	97.8	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.4
900	67.3	90.8	93.7	95.6	97.3	97.6	98.0	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.7
800	67.3	90.9	93.8	95.8	97.5	97.8	98.2	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.9	98.9
700	67.3	91.0	93.9	95.9	97.6	97.9	98.4	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.1
600	67.4	91.0	94.0	96.0	97.8	98.1	98.6	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.3
500	67.4	91.1	94.1	96.1	97.9	98.2	98.8	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.6
400	67.4	91.1	94.1	96.1	97.9	98.3	98.8	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7
300	67.4	91.1	94.1	96.2	98.0	98.3	98.9	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.8
200	67.4	91.1	94.1	96.2	98.0	98.3	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.9
100	67.4	91.1	94.1	96.2	98.0	98.4	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.9
0	67.4	91.1	94.1	96.2	98.0	98.4	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 15689

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	36.7	51.8	53.9	55.1	55.9	56.1	56.5	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.0	57.1
≥ 20000	45.6	63.0	65.3	66.7	67.5	67.8	68.2	68.3	68.3	68.5	68.6	68.6	68.7	68.7	68.7	68.8
18000	45.8	63.2	65.6	66.9	67.7	68.0	68.4	68.5	68.5	68.7	68.8	68.8	68.9	68.9	68.9	69.0
16000	46.1	63.6	66.0	67.3	68.2	68.4	68.8	68.9	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.4
14000	47.3	65.2	67.6	68.9	69.8	70.1	70.5	70.6	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.1
12000	49.7	68.8	71.3	72.7	73.6	73.9	74.3	74.4	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.9
10000	51.7	71.7	74.4	75.8	76.8	77.0	77.4	77.6	77.6	77.8	77.9	77.9	78.0	78.0	78.0	78.1
9000	52.2	72.7	75.4	76.9	77.8	78.1	78.5	78.6	78.7	78.9	78.9	79.0	79.0	79.1	79.1	79.2
8000	53.1	74.4	77.2	78.7	79.7	79.9	80.3	80.5	80.5	80.7	80.8	80.8	80.9	80.9	81.0	81.0
7000	53.7	75.5	78.3	79.9	80.9	81.2	81.6	81.7	81.7	82.0	82.0	82.0	82.1	82.1	82.2	82.3
6000	54.2	76.4	79.3	80.9	81.9	82.1	82.5	82.7	82.7	82.9	83.0	83.0	83.1	83.1	83.2	83.2
5000	55.5	78.5	81.5	83.2	84.2	84.5	84.9	85.1	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.6
4500	56.1	79.3	82.4	84.1	85.2	85.4	85.9	86.0	86.0	86.3	86.3	86.3	86.4	86.4	86.5	86.6
4000	57.4	81.6	84.7	86.5	87.6	87.8	88.3	88.4	88.4	88.7	88.7	88.7	88.8	88.8	88.9	89.0
3500	58.6	83.3	86.4	88.2	89.3	89.6	90.0	90.2	90.2	90.4	90.5	90.5	90.6	90.6	90.6	90.7
3000	61.2	85.6	88.9	90.7	91.8	92.1	92.5	92.7	92.7	93.0	93.0	93.0	93.1	93.2	93.2	93.3
2500	61.1	87.1	90.4	92.2	93.4	93.6	94.1	94.2	94.3	94.5	94.5	94.6	94.7	94.7	94.7	94.8
2000	61.8	88.2	91.7	93.6	94.8	95.1	95.6	95.8	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.3
1800	61.9	88.5	92.0	93.9	95.2	95.4	95.9	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.6	96.7
1500	62.3	89.4	92.9	94.9	96.2	96.5	97.0	97.1	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.7
1200	62.5	89.9	93.5	95.5	96.8	97.1	97.6	97.8	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.4
1000	62.7	90.3	93.9	95.9	97.2	97.5	98.1	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.8	98.9
900	62.7	90.4	94.0	96.1	97.4	97.7	98.3	98.4	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.0
800	62.7	90.5	94.2	96.3	97.7	97.9	98.5	98.7	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.3
700	62.7	90.6	94.3	96.4	97.8	98.0	98.6	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.5
600	62.7	90.7	94.3	96.4	97.8	98.1	98.7	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.6
500	62.7	90.7	94.4	96.5	97.9	98.2	98.8	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6
400	62.7	90.7	94.4	96.5	97.9	98.2	98.8	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.7
300	62.7	90.7	94.4	96.5	98.0	98.2	98.9	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.7	99.8
200	62.7	90.7	94.4	96.5	98.0	98.2	98.9	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.7	99.8
100	62.7	90.7	94.4	96.5	98.0	98.2	98.9	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.9
0	62.7	90.7	94.4	96.5	98.0	98.2	98.9	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 15618

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	56.1	54.6	57.0	58.3	59.3	59.5	59.8	60.0	60.0	60.2	60.2	60.2	60.3	60.4	60.4	60.5
≥ 20000	42.7	64.0	66.7	68.1	69.1	69.3	69.7	69.9	69.9	70.1	70.1	70.2	70.3	70.3	70.4	70.5
18000	42.9	64.3	67.0	68.4	69.4	69.6	70.0	70.2	70.2	70.4	70.5	70.5	70.6	70.6	70.7	70.8
16000	43.2	64.7	67.4	68.8	69.8	70.0	70.4	70.6	70.6	70.8	70.9	70.9	71.0	71.0	71.1	71.2
14000	44.5	66.8	69.6	71.1	72.1	72.3	72.6	72.8	72.9	73.1	73.1	73.1	73.2	73.2	73.3	73.4
12000	46.6	70.2	73.2	74.8	75.8	76.1	76.4	76.6	76.7	76.9	76.9	77.0	77.1	77.1	77.2	77.3
10000	47.9	72.6	75.7	77.3	78.5	78.7	79.1	79.3	79.4	79.6	79.6	79.6	79.8	79.8	79.9	80.0
9000	48.5	73.7	76.8	78.5	79.6	79.9	80.3	80.5	80.5	80.7	80.8	80.8	80.9	80.9	81.0	81.1
8000	49.4	75.5	78.7	80.4	81.6	81.8	82.2	82.5	82.5	82.7	82.8	82.8	82.9	82.9	83.0	83.1
7000	49.9	76.5	79.8	81.5	82.8	83.0	83.4	83.6	83.7	83.9	83.9	84.0	84.1	84.1	84.2	84.3
6000	50.3	77.1	80.5	82.2	83.5	83.8	84.2	84.4	84.4	84.7	84.7	84.7	84.9	84.9	85.0	85.1
5000	51.6	79.3	82.7	84.5	85.8	86.0	86.4	86.7	86.7	87.0	87.0	87.0	87.1	87.2	87.2	87.3
4500	52.2	80.3	83.8	85.6	86.9	87.1	87.5	87.8	87.8	88.1	88.1	88.1	88.2	88.3	88.4	88.5
4000	53.3	81.9	85.4	87.3	88.6	88.9	89.3	89.5	89.6	89.8	89.9	89.9	90.0	90.0	90.1	90.2
3500	53.9	83.0	86.6	88.5	89.8	90.1	90.5	90.8	90.8	91.1	91.1	91.1	91.3	91.3	91.4	91.5
3000	54.8	84.5	88.2	90.2	91.5	91.8	92.3	92.5	92.6	92.8	92.9	92.9	93.0	93.0	93.1	93.2
2500	55.4	85.8	89.5	91.6	93.0	93.3	93.8	94.0	94.1	94.4	94.4	94.4	94.5	94.6	94.7	94.8
2000	55.9	86.8	90.7	92.8	94.3	94.6	95.1	95.3	95.4	95.7	95.7	95.7	95.9	95.9	96.0	96.1
1800	55.9	87.0	90.8	93.0	94.5	94.8	95.4	95.6	95.7	96.0	96.0	96.0	96.1	96.2	96.3	96.4
1500	56.1	87.5	91.4	93.6	95.2	95.5	96.0	96.3	96.3	96.6	96.7	96.7	96.8	96.9	96.9	97.1
1200	56.3	87.9	91.8	94.2	95.8	96.1	96.7	96.9	97.0	97.3	97.4	97.4	97.5	97.5	97.6	97.7
1000	56.4	88.2	92.2	94.6	96.2	96.5	97.1	97.4	97.5	97.8	97.8	97.9	98.0	98.0	98.1	98.2
900	56.4	88.3	92.3	94.8	96.4	96.7	97.3	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.3	98.4
800	56.5	88.4	92.5	94.9	96.6	96.9	97.5	97.8	97.9	98.2	98.3	98.3	98.4	98.4	98.5	98.6
700	56.5	88.4	92.5	95.0	96.7	97.0	97.6	98.0	98.0	98.3	98.4	98.4	98.5	98.6	98.7	98.8
600	56.5	88.4	92.6	95.0	96.8	97.1	97.8	98.1	98.1	98.5	98.6	98.6	98.7	98.8	98.8	99.0
500	56.5	88.5	92.6	95.1	96.9	97.2	97.9	98.3	98.3	98.7	98.8	98.8	99.0	99.0	99.1	99.2
400	56.5	88.5	92.6	95.2	96.9	97.3	98.0	98.4	98.4	98.8	98.9	98.9	99.1	99.1	99.2	99.3
300	56.5	88.5	92.6	95.2	97.0	97.3	98.1	98.4	98.5	98.9	99.0	99.1	99.2	99.3	99.4	99.5
200	56.5	88.5	92.6	95.2	97.0	97.3	98.1	98.5	98.5	99.0	99.1	99.1	99.3	99.3	99.4	99.6
100	56.5	88.5	92.7	95.2	97.0	97.4	98.1	98.5	98.6	99.0	99.2	99.2	99.4	99.4	99.6	99.8
0	56.5	88.5	92.7	95.2	97.0	97.4	98.1	98.5	98.6	99.0	99.2	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 16904

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	41.3	54.9	56.8	57.9	58.8	58.9	59.2	59.4	59.4	59.6	59.7	59.7	59.9	59.9	60.1	60.3
≥ 20000	46.3	61.6	63.7	64.9	65.8	65.9	66.3	66.5	66.6	66.8	66.9	66.9	67.1	67.1	67.2	67.4
18000	46.6	62.1	64.1	65.4	66.3	66.3	66.7	66.9	67.0	67.2	67.3	67.3	67.5	67.5	67.6	67.9
16000	47.1	62.6	64.7	65.9	66.8	66.9	67.3	67.5	67.5	67.8	67.9	67.9	68.1	68.1	68.2	68.4
14000	48.2	64.3	66.4	67.7	68.6	68.7	69.1	69.3	69.4	69.6	69.7	69.7	69.9	69.9	70.0	70.2
12000	49.8	66.7	69.0	70.3	71.2	71.3	71.7	71.9	72.0	72.2	72.3	72.3	72.5	72.5	72.6	72.9
10000	51.1	69.0	71.4	72.8	73.8	73.9	74.3	74.5	74.6	74.8	74.9	74.9	75.1	75.1	75.2	75.5
9000	51.7	70.2	72.6	74.0	75.0	75.1	75.5	75.7	75.8	76.0	76.1	76.1	76.3	76.3	76.4	76.7
8000	52.7	71.8	74.3	75.8	76.8	76.9	77.3	77.6	77.6	77.9	77.9	78.0	78.2	78.2	78.3	78.5
7000	53.5	73.2	75.8	77.4	78.5	78.6	79.0	79.3	79.3	79.6	79.6	79.7	79.9	79.9	80.0	80.2
6000	53.9	73.9	76.6	78.2	79.3	79.4	79.9	80.1	80.2	80.4	80.5	80.5	80.7	80.7	80.9	81.1
5000	54.6	75.4	78.1	79.8	81.0	81.1	81.7	81.9	81.9	82.2	82.3	82.3	82.5	82.5	82.6	82.9
4500	55.1	76.1	78.9	80.6	81.9	82.0	82.5	82.8	82.8	83.1	83.2	83.2	83.4	83.4	83.5	83.8
4000	56.2	77.8	80.7	82.5	83.8	83.9	84.5	84.7	84.8	85.0	85.1	85.1	85.3	85.3	85.5	85.7
3500	56.9	79.0	82.0	83.9	85.2	85.3	85.9	86.1	86.2	86.5	86.6	86.6	86.8	86.8	86.9	87.2
3000	57.9	80.8	83.9	85.9	87.2	87.4	88.0	88.2	88.3	88.6	88.7	88.7	88.9	88.9	89.0	89.3
2500	58.6	82.2	85.4	87.5	88.8	89.0	89.6	89.9	89.9	90.2	90.3	90.4	90.5	90.6	90.7	90.9
2000	59.3	83.7	87.1	89.2	90.7	90.9	91.5	91.8	91.9	92.2	92.3	92.3	92.5	92.5	92.6	92.9
1800	59.4	84.1	87.5	89.7	91.2	91.4	92.1	92.4	92.4	92.8	92.8	92.9	93.1	93.1	93.2	93.4
1500	59.7	84.9	88.5	90.8	92.4	92.6	93.3	93.6	93.6	94.0	94.0	94.1	94.3	94.3	94.4	94.7
1200	60.1	85.8	89.5	91.9	93.6	93.8	94.6	94.9	95.0	95.3	95.4	95.4	95.6	95.6	95.8	96.0
1000	60.1	86.1	89.9	92.5	94.3	94.6	95.4	95.7	95.8	96.2	96.2	96.3	96.5	96.5	96.6	96.9
900	60.1	86.3	90.1	92.7	94.6	94.8	95.8	96.1	96.2	96.5	96.6	96.6	96.8	96.8	97.0	97.2
800	60.1	86.4	90.3	93.0	95.0	95.2	96.2	96.6	96.6	97.0	97.1	97.1	97.3	97.3	97.5	97.7
700	60.1	86.5	90.5	93.2	95.3	95.5	96.6	97.0	97.1	97.4	97.5	97.6	97.8	97.8	97.9	98.2
600	60.1	86.6	90.6	93.4	95.5	95.8	96.9	97.3	97.4	97.8	97.9	98.0	98.2	98.2	98.3	98.6
500	60.1	86.7	90.7	93.6	95.8	96.1	97.2	97.7	97.8	98.2	98.3	98.4	98.6	98.6	98.7	99.0
400	60.1	86.7	90.8	93.7	95.9	96.2	97.4	97.9	98.0	98.5	98.6	98.6	98.9	98.9	99.0	99.3
300	60.1	86.8	90.8	93.8	96.0	96.3	97.5	98.1	98.2	98.7	98.8	98.8	99.1	99.1	99.2	99.5
200	60.1	86.8	90.8	93.8	96.0	96.3	97.6	98.1	98.2	98.8	99.0	99.0	99.3	99.3	99.4	99.7
100	60.1	86.8	90.8	93.8	96.0	96.3	97.6	98.2	98.2	98.8	99.0	99.0	99.3	99.3	99.4	99.8
0	60.1	86.8	90.8	93.8	96.0	96.3	97.6	98.2	98.3	98.8	99.0	99.0	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 16555

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	41.4	58.8	61.0	62.8	63.8	64.3	64.4	64.7	64.7	64.9	65.0	65.0	65.1	65.1	65.2	65.4
≥ 20000	44.5	63.3	65.7	67.5	68.6	68.8	69.3	69.6	69.6	69.8	69.9	69.9	69.9	69.9	70.1	70.3
AVAI 18000	44.6	63.4	65.8	67.7	68.7	68.9	69.4	69.7	69.7	69.9	70.0	70.0	70.1	70.1	70.2	70.4
16000	44.9	63.7	66.1	68.0	69.1	69.2	69.7	70.1	70.0	70.2	70.3	70.3	70.4	70.4	70.5	70.7
AVAI 14000	45.5	64.6	67.0	68.9	70.0	70.2	70.7	71.1	71.0	71.2	71.2	71.2	71.3	71.3	71.5	71.7
12000	46.6	66.3	68.7	70.6	71.7	71.9	72.3	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.2	73.3
AVAI 10000	47.9	68.1	70.5	72.5	73.5	73.7	74.2	74.5	74.5	74.7	74.8	74.8	74.9	74.9	75.0	75.2
9000	48.4	68.9	71.4	73.3	74.4	74.6	75.1	75.4	75.4	75.6	75.7	75.7	75.8	75.8	75.9	76.1
AVAI 8000	49.4	70.6	73.2	75.2	76.3	76.5	77.0	77.3	77.3	77.5	77.6	77.6	77.7	77.7	77.8	78.0
7000	50.2	72.0	74.7	76.8	78.0	78.1	78.7	79.1	79.0	79.2	79.3	79.3	79.4	79.4	79.5	79.7
AVAI 6000	50.8	73.1	75.9	78.1	79.2	79.4	80.0	80.3	80.3	80.5	80.6	80.6	80.7	80.7	80.8	81.0
5000	52.	75.1	78.0	80.2	81.4	81.6	82.2	82.5	82.5	82.8	82.8	82.8	82.9	82.9	83.1	83.2
AVAI 4500	52.6	76.0	78.9	81.2	82.5	82.7	83.2	83.6	83.6	83.8	83.9	83.9	84.0	84.0	84.1	84.3
4000	53.3	77.3	80.3	82.6	83.9	84.1	84.7	85.1	85.1	85.3	85.4	85.4	85.5	85.5	85.6	85.8
AVAI 3500	54.1	78.5	81.5	83.9	85.3	85.5	86.1	86.4	86.5	86.7	86.7	86.7	86.8	86.8	87.0	87.2
3000	54.8	79.8	83.0	85.4	86.8	87.1	87.7	88.1	88.1	88.3	88.4	88.4	88.5	88.5	88.6	88.8
AVAI 2500	55.4	81.1	84.3	86.9	88.4	88.6	89.3	89.7	89.7	89.9	90.0	90.0	90.1	90.1	90.2	90.4
2000	56.	82.6	86.0	88.6	90.3	90.5	91.2	91.6	91.7	91.9	92.0	92.0	92.1	92.1	92.2	92.4
AVAI 1800	56.1	82.9	86.3	89.0	90.6	90.9	91.6	92.0	92.0	92.3	92.3	92.4	92.4	92.4	92.6	92.8
1500	56.5	84.0	87.4	90.3	91.9	92.2	93.0	93.4	93.4	93.6	93.7	93.7	93.8	93.8	94.0	94.1
AVAI 1200	56.7	84.9	88.5	91.5	93.3	93.6	94.5	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.5	95.7
1000	56.8	85.3	89.0	92.1	94.0	94.3	95.2	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.3	96.4
AVAI 900	56.8	85.5	89.2	92.4	94.3	94.6	95.6	96.0	96.1	96.3	96.4	96.4	96.5	96.5	96.7	96.8
800	56.8	85.7	89.5	92.7	94.7	95.0	96.0	96.4	96.5	96.8	96.9	96.9	97.0	97.0	97.1	97.3
AVAI 700	56.9	85.9	89.7	92.9	95.0	95.3	96.3	96.8	96.8	97.1	97.2	97.2	97.3	97.3	97.5	97.7
600	56.9	86.0	89.9	93.1	95.3	95.6	96.7	97.2	97.3	97.6	97.7	97.8	97.9	97.9	98.0	98.2
AVAI 500	56.9	86.1	90.0	93.4	95.5	95.9	97.1	97.6	97.7	98.1	98.2	98.2	98.3	98.3	98.5	98.7
400	56.9	86.2	90.1	93.4	95.7	96.1	97.3	97.9	98.0	98.4	98.5	98.5	98.7	98.7	98.8	99.0
AVAI 300	56.9	86.2	90.1	93.5	95.8	96.2	97.5	98.1	98.2	98.6	98.8	98.9	99.0	99.0	99.1	99.3
200	56.9	86.2	90.2	93.5	95.8	96.2	97.5	98.2	98.2	98.7	99.0	99.0	99.1	99.1	99.3	99.6
AVAI 100	56.9	86.2	90.2	93.5	95.8	96.2	97.5	98.2	98.2	98.8	99.0	99.0	99.2	99.2	99.3	99.6
0	56.9	86.2	90.2	93.5	95.8	96.2	97.5	98.2	98.2	98.8	99.0	99.0	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 17108

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	42.5	46.2	48.1	49.8	51.0	51.2	51.9	52.2	52.2	52.4	52.5	52.5	52.6	52.7	52.8	53.1
≥ 20000	36.1	51.1	53.4	55.3	56.6	56.9	57.6	57.9	58.0	58.2	58.3	58.3	58.4	58.4	58.5	58.8
≥ 18000	36.3	51.4	53.7	55.5	56.9	57.2	57.9	58.2	58.3	58.5	58.6	58.6	58.7	58.7	58.8	59.1
≥ 16000	36.5	51.7	54.0	55.9	57.3	57.5	58.3	58.6	58.6	58.8	59.0	59.0	59.1	59.1	59.2	59.5
≥ 14000	37.1	52.8	55.1	57.0	58.5	58.7	59.5	59.8	59.9	60.1	60.2	60.2	60.3	60.4	60.5	60.8
≥ 12000	38.2	54.4	56.9	58.8	60.3	60.6	61.4	61.7	61.8	62.0	62.1	62.1	62.2	62.2	62.3	62.7
≥ 10000	39.2	56.1	58.5	60.5	62.0	62.3	63.1	63.4	63.5	63.7	63.8	63.8	63.9	64.0	64.1	64.4
≥ 9000	39.7	56.8	59.3	61.4	62.8	63.2	64.0	64.3	64.4	64.6	64.7	64.7	64.8	64.8	64.9	65.3
≥ 8000	40.7	58.8	61.4	63.5	65.0	65.3	66.1	66.5	66.5	66.8	66.9	66.9	67.0	67.0	67.1	67.5
≥ 7000	41.9	61.0	63.7	65.9	67.4	67.7	68.6	68.9	69.0	69.2	69.3	69.4	69.5	69.5	69.6	69.9
≥ 6000	42.5	62.3	65.0	67.2	68.8	69.2	70.0	70.4	70.4	70.7	70.8	70.8	70.9	70.9	71.0	71.4
≥ 5000	43.7	64.7	67.6	70.1	71.7	72.1	72.9	73.3	73.4	73.7	73.8	73.8	73.9	73.9	74.0	74.4
≥ 4500	44.3	65.8	68.9	71.3	73.1	73.5	74.4	74.8	74.9	75.1	75.3	75.3	75.4	75.4	75.5	75.8
≥ 4000	45.1	67.6	70.8	73.4	75.2	75.6	76.5	77.0	77.0	77.3	77.4	77.4	77.5	77.6	77.7	78.0
≥ 3500	46.0	69.3	72.6	75.3	77.2	77.6	78.6	79.0	79.1	79.4	79.5	79.5	79.6	79.6	79.7	80.1
≥ 3000	46.8	71.0	74.5	77.3	79.2	79.7	80.6	81.1	81.2	81.5	81.6	81.6	81.8	81.8	81.9	82.2
≥ 2500	47.7	73.1	76.7	79.6	81.8	82.2	83.2	83.7	83.8	84.1	84.2	84.2	84.4	84.4	84.5	84.9
≥ 2000	48.5	75.4	79.3	82.4	84.7	85.1	86.2	86.7	86.8	87.1	87.2	87.3	87.4	87.4	87.5	87.9
≥ 1800	48.7	76.1	80.1	83.2	85.5	86.0	87.1	87.6	87.7	88.0	88.1	88.2	88.3	88.3	88.4	88.8
≥ 1500	49.2	77.6	81.8	85.1	87.6	88.1	89.3	89.9	89.9	90.3	90.4	90.4	90.6	90.6	90.7	91.1
≥ 1200	49.4	78.7	83.1	86.7	89.3	89.8	91.0	91.6	91.7	92.1	92.2	92.3	92.4	92.4	92.6	92.9
≥ 1000	49.5	79.4	84.0	87.6	90.4	91.0	92.3	92.9	93.0	93.4	93.5	93.6	93.7	93.7	93.9	94.2
≥ 900	49.5	79.7	84.3	88.0	90.9	91.5	92.9	93.5	93.6	94.0	94.2	94.2	94.3	94.3	94.5	94.8
≥ 800	49.5	79.9	84.6	88.4	91.4	92.0	93.4	94.1	94.2	94.7	94.8	94.8	95.0	95.0	95.1	95.5
≥ 700	49.5	80.1	84.8	88.7	91.8	92.5	93.9	94.7	94.7	95.3	95.4	95.4	95.6	95.6	95.7	96.1
≥ 600	49.6	80.2	85.1	89.1	92.4	93.1	94.7	95.5	95.6	96.2	96.4	96.4	96.6	96.6	96.8	97.1
≥ 500	49.6	80.3	85.2	89.4	92.9	93.6	95.4	96.2	96.3	97.1	97.2	97.2	97.5	97.5	97.7	98.0
≥ 400	49.6	80.4	85.3	89.5	93.1	94.0	95.8	96.7	96.9	97.7	97.9	97.9	98.1	98.2	98.3	98.7
≥ 300	49.6	80.4	85.4	89.6	93.3	94.2	96.1	97.1	97.2	98.1	98.3	98.4	98.6	98.6	98.8	99.2
≥ 200	49.6	80.4	85.4	89.6	93.3	94.2	96.2	97.2	97.3	98.3	98.6	98.6	98.9	99.0	99.2	99.6
≥ 100	49.6	80.4	85.4	89.6	93.3	94.2	96.2	97.2	97.4	98.4	98.6	98.7	99.0	99.1	99.3	99.8
0	49.6	80.4	85.4	89.6	93.3	94.2	96.2	97.2	97.4	98.4	98.6	98.7	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 16558

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	33.3	35.8	37.8	39.3	40.2	40.2	40.6	40.8	40.8	40.9	41.0	41.0	41.0	41.1	41.1	41.2
≥ 20000	36.1	40.5	42.8	44.5	45.5	45.6	46.0	46.3	46.3	46.4	46.5	46.5	46.6	46.6	46.7	46.8
18000	36.2	40.8	43.1	44.8	45.8	45.9	46.3	46.6	46.6	46.7	46.8	46.8	46.9	46.9	47.0	47.1
16000	36.4	41.0	43.4	45.1	46.1	46.2	46.7	46.9	46.9	47.1	47.1	47.2	47.2	47.2	47.3	47.4
14000	36.8	42.0	44.4	46.1	47.2	47.3	47.8	48.0	48.0	48.2	48.2	48.2	48.3	48.3	48.4	48.5
12000	37.7	43.7	46.2	48.0	49.1	49.2	49.7	50.0	50.0	50.2	50.3	50.3	50.3	50.4	50.4	50.6
10000	38.7	45.6	48.2	50.1	51.3	51.4	51.9	52.2	52.2	52.4	52.5	52.5	52.5	52.6	52.6	52.8
9000	39.3	46.4	49.1	51.0	52.2	52.3	52.9	53.1	53.1	53.3	53.4	53.4	53.5	53.5	53.6	53.7
8000	39.4	48.4	51.2	53.1	54.3	54.5	55.1	55.3	55.3	55.6	55.6	55.6	55.7	55.7	55.8	55.9
7000	41.3	51.3	53.3	55.4	56.6	56.8	57.4	57.7	57.7	57.9	58.0	58.0	58.1	58.1	58.2	58.3
6000	31.9	51.6	54.7	56.9	58.2	58.4	59.0	59.3	59.3	59.6	59.6	59.6	59.7	59.7	59.8	60.0
5000	32.6	53.6	57.0	59.3	60.7	60.9	61.6	61.9	61.9	62.1	62.2	62.2	62.3	62.3	62.4	62.5
4500	33.2	54.9	58.3	60.7	62.1	62.3	63.0	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.9	64.0
4000	33.8	56.3	60.0	62.4	64.1	64.3	65.0	65.4	65.4	65.6	65.7	65.7	65.8	65.8	65.9	66.1
3500	34.6	58.0	61.7	64.3	66.0	66.2	66.9	67.3	67.3	67.6	67.7	67.7	67.8	67.8	67.9	68.0
3000	35.5	60.0	64.0	66.7	68.4	68.7	69.6	69.9	70.0	70.3	70.3	70.4	70.4	70.5	70.6	70.7
2500	36.7	62.6	66.8	69.8	71.7	71.9	72.9	73.3	73.3	73.7	73.7	73.7	73.8	73.9	74.0	74.1
2000	37.7	66.1	70.7	74.1	76.3	76.6	77.7	78.2	78.2	78.6	78.7	78.7	78.8	78.8	78.9	79.1
1800	38.0	67.1	71.8	75.3	77.5	77.9	79.0	79.5	79.6	80.0	80.1	80.1	80.2	80.2	80.3	80.4
1500	38.5	69.2	74.2	78.1	80.7	81.0	82.5	83.1	83.1	83.6	83.7	83.8	83.9	83.9	84.0	84.1
1200	38.8	70.7	76.0	80.7	83.6	84.0	85.6	86.4	86.5	87.0	87.1	87.2	87.3	87.3	87.4	87.6
1000	39.0	71.5	77.2	82.3	85.6	86.1	88.0	88.9	88.9	89.6	89.8	89.8	90.0	90.0	90.1	90.3
900	39.0	71.8	77.7	83.0	86.4	87.0	89.0	90.0	90.0	90.7	90.9	91.0	91.1	91.2	91.3	91.4
800	39.0	72.2	78.2	83.8	87.5	88.1	90.3	91.3	91.4	92.2	92.5	92.5	92.7	92.7	92.8	93.0
700	39.0	72.4	78.5	84.2	88.1	88.7	91.1	92.2	92.3	93.2	93.5	93.5	93.7	93.8	93.9	94.1
600	39.0	72.5	78.8	84.6	88.7	89.4	92.1	93.4	93.5	94.5	94.8	94.9	95.1	95.2	95.3	95.5
500	39.0	72.6	78.9	84.9	89.2	89.9	92.8	94.3	94.4	95.7	96.1	96.2	96.5	96.5	96.7	96.9
400	39.0	72.6	79.0	85.1	89.6	90.4	93.4	95.0	95.1	96.4	96.9	97.0	97.3	97.4	97.5	97.7
300	39.0	72.7	79.0	85.1	89.7	90.5	93.7	95.4	95.6	97.0	97.6	97.7	98.1	98.1	98.3	98.5
200	39.1	72.7	79.0	85.2	89.8	90.6	93.8	95.6	95.8	97.3	98.0	98.1	98.6	98.6	98.9	99.1
100	39.1	72.7	79.0	85.2	89.8	90.6	93.8	95.6	95.8	97.4	98.1	98.2	98.8	98.9	99.2	99.4
0	39.1	72.7	79.0	85.2	89.8	90.6	93.8	95.6	95.8	97.4	98.2	98.3	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 17103

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

CEILING VERSUS VISIBILITY

13927 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	20.1	34.8	36.4	38.0	39.2	39.4	40.0	40.2	40.3	40.7	40.8	40.8	41.0	41.0	41.1	41.4
≥ 20000	21.9	37.9	39.8	41.7	43.0	43.4	43.9	44.2	44.2	44.6	44.7	44.7	44.9	45.0	45.1	45.4
18000	22.[illegible]	38.0	39.9	41.7	43.1	43.5	44.0	44.3	44.4	44.7	44.8	44.8	45.1	45.1	45.3	45.5
16000	22.[illegible]	38.[illegible]	40.0	41.8	43.1	43.6	44.1	44.4	44.4	44.8	44.9	44.9	45.1	45.2	45.3	45.5
14000	22.6	39.2	41.2	43.1	44.4	44.9	45.4	45.7	45.7	46.1	46.2	46.2	46.4	46.5	46.6	46.9
12000	23.4	40.7	42.8	44.9	46.2	46.7	47.2	47.5	47.6	47.9	48.0	48.0	48.3	48.3	48.5	48.7
10000	24.1	42.4	44.7	47.2	48.5	49.0	49.5	49.8	49.8	50.2	50.3	50.3	50.5	50.6	50.7	50.9
9000	24.5	43.2	45.5	47.9	49.2	49.7	50.2	50.5	50.6	50.9	51.0	51.0	51.3	51.3	51.5	51.7
8000	24.9	45.[illegible]	47.5	50.0	51.4	51.8	52.4	52.7	52.7	53.1	53.2	53.2	53.4	53.5	53.6	53.8
7000	25.6	46.8	49.3	52.0	53.4	53.9	54.6	54.9	55.0	55.3	55.4	55.4	55.7	55.7	55.9	56.1
6000	26.1	47.9	50.5	53.3	54.7	55.3	56.0	56.3	56.4	56.8	56.8	56.8	57.1	57.1	57.3	57.5
5000	26.3	49.5	52.5	55.4	57.0	57.5	58.3	58.6	58.6	59.0	59.1	59.1	59.3	59.4	59.5	59.8
4500	27.[illegible]	51.0	54.1	57.2	58.8	59.3	60.1	60.5	60.5	60.9	61.0	61.0	61.2	61.3	61.4	61.7
4000	27.3	52.3	55.5	58.6	60.5	61.0	61.8	62.1	62.2	62.6	62.7	62.7	62.9	63.0	63.1	63.4
3500	27.8	53.3	56.8	59.9	62.0	62.5	63.3	63.8	63.8	64.2	64.4	64.4	64.6	64.6	64.8	65.1
3000	28.4	55.1	58.7	62.1	64.2	64.7	65.6	66.2	66.2	66.6	66.7	67.7	67.0	67.1	67.2	67.5
2500	29.[illegible]	57.6	61.6	65.2	67.5	68.0	68.9	69.6	69.6	70.1	70.2	70.2	70.5	70.5	70.7	71.0
2000	30.[illegible]	62.3	66.7	70.8	73.6	74.3	75.4	76.0	76.0	76.6	76.8	76.8	77.1	77.1	77.3	77.5
1800	30.1	63.2	67.5	72.0	74.8	75.5	76.6	77.3	77.3	77.9	78.0	78.0	78.3	78.4	78.5	78.8
1500	30.4	65.2	69.8	74.5	77.7	78.4	79.7	80.4	80.5	81.1	81.4	81.4	81.7	81.7	81.8	82.1
1200	30.5	67.3	72.6	77.7	81.1	81.8	83.3	84.1	84.2	84.9	85.1	85.1	85.4	85.5	85.6	85.9
1000	30.5	67.6	73.1	78.4	82.2	82.9	84.7	85.4	85.6	86.3	86.5	86.5	86.8	86.9	87.0	87.3
900	30.5	68.1	73.6	79.0	83.0	83.8	85.6	86.5	86.6	87.4	87.7	87.7	88.0	88.0	88.3	88.6
800	30.6	68.5	74.2	79.7	83.9	84.7	86.7	87.7	87.9	88.8	89.0	89.0	89.4	89.4	89.6	89.9
700	30.6	68.9	75.0	80.7	85.4	86.2	88.5	89.4	89.6	90.6	90.9	90.9	91.2	91.3	91.5	91.8
600	30.6	69.0	75.1	81.3	86.2	87.1	89.7	90.8	90.9	92.3	92.6	92.6	92.9	93.0	93.2	93.5
500	30.6	69.1	75.4	81.7	86.8	87.7	90.6	91.8	92.0	93.5	93.9	93.9	94.2	94.2	94.5	94.8
400	30.6	69.2	75.6	81.9	87.4	88.4	91.6	92.9	93.1	94.7	95.1	95.2	95.6	95.6	95.9	96.2
300	30.6	69.2	75.6	81.9	87.5	88.5	92.1	93.7	93.9	95.7	96.1	96.2	96.7	96.8	97.0	97.3
200	30.6	69.2	75.6	81.9	87.5	88.5	92.2	93.8	93.9	96.2	96.7	96.7	97.4	97.5	97.8	98.1
100	30.6	69.2	75.6	81.9	87.5	88.5	92.2	93.9	94.1	96.6	97.2	97.2	98.0	98.1	98.6	99.1
0	30.6	69.2	75.6	81.9	87.5	88.5	92.2	93.9	94.1	96.6	97.2	97.2	98.0	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2132

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMY, NA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	18.2	32.7	34.8	36.3	36.7	37.0	37.7	37.9	37.9	38.2	38.3	38.3	38.5	38.5	38.7	39.0
≥ 20000	19.2	34.7	37.3	38.9	39.9	40.4	41.1	41.3	41.3	41.6	41.8	41.8	42.0	42.1	42.2	42.6
V/V ≥ 18000	19.2	34.8	37.4	38.9	39.9	40.4	41.1	41.4	41.4	41.7	41.9	41.9	42.1	42.1	42.3	42.7
≥ 16000	19.4	35.1	37.6	39.2	40.2	40.7	41.4	41.6	41.6	42.0	42.1	42.1	42.4	42.4	42.6	42.9
V/V ≥ 14000	19.8	36.2	38.6	40.1	41.2	41.6	42.3	42.6	42.6	42.9	43.1	43.1	43.3	43.4	43.6	43.9
≥ 12000	20.4	37.0	39.8	41.5	42.5	43.1	43.7	44.0	44.0	44.3	44.5	44.5	44.7	44.8	45.0	45.3
V/V ≥ 10000	21.0	38.6	41.4	43.2	44.3	44.8	45.5	45.9	45.9	46.2	46.4	46.4	46.6	46.6	46.8	47.2
≥ 9000	21.2	39.6	42.5	44.3	45.3	45.9	46.6	46.9	46.9	47.3	47.4	47.4	47.7	47.7	47.9	48.3
V/V ≥ 8000	21.8	41.2	44.2	46.2	47.2	47.7	48.5	48.9	48.9	49.2	49.4	49.4	49.6	49.6	49.8	50.2
≥ 7000	22.1	42.2	45.4	47.4	48.4	48.9	49.8	50.2	50.2	50.5	50.7	50.7	50.9	51.0	51.1	51.5
V/V ≥ 6000	22.2	43.4	46.6	48.8	49.8	50.3	51.2	51.6	51.6	51.9	52.1	52.1	52.3	52.4	52.6	52.9
≥ 5000	22.9	45.5	48.8	51.1	52.2	52.7	53.7	54.1	54.1	54.4	54.6	54.6	54.8	54.9	55.0	55.4
V/V ≥ 4500	23.3	47.2	50.6	52.9	54.1	54.6	55.6	55.9	55.9	56.3	56.4	56.4	56.7	56.7	56.9	57.3
≥ 4000	23.8	48.4	52.2	54.6	56.3	56.5	57.5	57.9	57.9	58.2	58.4	58.4	58.6	58.6	58.8	59.2
V/V ≥ 3500	24.7	51.3	54.1	56.6	58.1	58.6	59.8	60.1	60.1	60.4	60.6	60.6	60.9	60.9	61.1	61.5
≥ 3000	25.5	52.2	56.2	58.9	60.6	61.1	62.4	62.7	62.7	63.1	63.2	63.2	63.5	63.5	63.7	64.1
V/V ≥ 2500	25.9	54.4	58.6	61.4	63.2	63.8	65.0	65.4	65.4	65.7	65.9	65.9	66.2	66.2	66.4	66.8
≥ 2000	27.	58.6	63.3	66.7	68.8	69.5	70.8	71.4	71.4	71.9	72.2	72.2	72.4	72.5	72.7	73.0
V/V ≥ 1800	27.2	59.7	64.4	67.8	70.1	70.7	72.1	72.7	72.8	73.3	73.6	73.6	73.8	73.9	74.1	74.4
≥ 1500	27.6	62.5	67.7	71.4	73.8	74.5	76.0	76.7	76.7	77.8	78.2	78.2	78.5	78.5	78.7	79.1
V/V ≥ 1200	27.9	64.8	70.2	74.1	76.7	77.5	79.0	79.8	79.8	81.0	81.3	81.3	81.7	81.7	81.9	82.3
≥ 1000	28.1	66.1	71.8	75.9	79.0	79.7	81.7	82.5	82.5	83.7	84.1	84.1	84.4	84.5	84.7	85.1
V/V ≥ 900	28.1	66.6	72.8	77.1	80.4	81.2	83.4	84.2	84.2	85.6	85.9	85.9	86.3	86.4	86.5	87.0
≥ 800	28.1	67.1	73.6	77.9	81.6	82.5	84.9	85.7	85.8	87.3	87.6	87.6	88.0	88.0	88.2	88.7
V/V ≥ 700	28.1	67.5	74.3	78.9	82.8	83.6	86.2	87.3	87.4	89.0	89.3	89.3	89.7	89.7	89.9	90.4
≥ 600	28.1	67.7	74.8	79.7	83.9	84.8	87.5	88.7	88.8	90.4	90.8	90.8	91.1	91.2	91.4	91.8
V/V ≥ 500	28.1	67.9	75.1	80.1	84.6	85.5	88.5	89.9	90.0	91.8	92.4	92.5	93.1	93.2	93.3	93.8
≥ 400	28.1	67.9	75.2	80.5	85.1	86.0	89.5	91.0	91.1	93.2	93.8	93.9	94.6	94.6	94.8	95.3
V/V ≥ 300	28.1	68.0	75.3	80.6	85.5	86.5	90.2	91.9	92.0	94.5	95.4	95.5	96.4	96.4	96.6	97.1
≥ 200	28.1	68.0	75.3	80.7	85.6	86.5	90.3	92.1	92.3	94.9	95.9	96.1	97.1	97.2	97.5	98.0
V/V 100	28.1	68.0	75.3	80.7	85.6	86.5	90.3	92.1	92.3	95.3	96.4	96.6	97.7	97.7	98.2	98.7
0	28.1	68.0	75.3	80.7	85.6	86.5	90.3	92.1	92.3	95.4	96.4	96.7	97.7	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2133

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-47,49-66 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	16.1	26.2	28.2	29.7	30.8	31.3	32.1	32.5	32.5	32.7	32.8	32.8	33.1	33.1	33.1	33.4
≥ 20000	18.4	30.1	32.5	34.5	36.3	36.8	37.6	38.3	38.3	38.6	38.9	38.9	39.2	39.2	39.3	39.6
18000	18.4	30.2	32.6	34.6	36.4	36.8	37.7	38.5	38.5	38.7	39.0	39.0	39.3	39.3	39.5	39.8
16000	18.5	30.4	32.8	34.8	36.6	37.0	37.9	38.7	38.7	39.0	39.3	39.3	39.6	39.6	39.8	40.0
14000	18.7	31.1	33.5	35.5	37.4	37.8	38.6	39.5	39.5	39.8	40.0	40.0	40.4	40.4	40.5	40.8
12000	19.5	32.2	34.6	36.6	38.6	39.0	39.9	40.9	40.9	41.2	41.5	41.5	41.8	41.8	42.0	42.2
10000	20.1	33.8	36.3	38.5	40.5	40.9	42.1	43.0	43.0	43.3	43.6	43.6	43.9	43.9	44.1	44.4
9000	20.6	34.6	37.3	39.6	41.6	42.0	43.2	44.1	44.1	44.4	44.7	44.7	45.1	45.1	45.2	45.5
8000	21.1	36.0	38.8	41.2	43.6	44.2	45.5	46.4	46.4	46.8	47.1	47.1	47.4	47.4	47.5	47.9
7000	21.6	37.1	40.1	42.7	45.1	45.8	47.2	48.1	48.1	48.6	48.9	48.9	49.2	49.2	49.3	49.6
6000	21.8	38.0	41.4	44.0	46.6	47.2	48.8	49.8	49.8	50.3	50.5	50.5	50.9	50.9	51.0	51.3
5000	22.6	41.5	43.9	46.6	49.3	50.0	51.6	52.6	52.7	53.2	53.5	53.5	53.8	53.8	54.0	54.3
4500	23.	41.3	44.8	47.5	50.3	51.0	52.6	53.6	53.7	54.2	54.5	54.5	54.8	54.8	54.9	55.3
4000	23.4	42.4	46.1	49.1	52.0	52.7	54.4	55.5	55.6	56.1	56.4	56.4	56.8	56.8	56.9	57.2
3500	24.3	43.6	47.6	50.7	53.8	54.5	56.3	57.4	57.4	58.0	58.3	58.3	58.6	58.6	58.8	59.1
3000	25.1	45.2	49.6	53.0	56.1	56.8	58.6	59.8	59.9	60.5	60.8	60.8	61.1	61.1	61.3	61.6
2500	26.1	48.1	52.5	56.2	59.3	60.2	61.9	63.1	63.2	63.9	64.1	64.2	64.6	64.6	64.7	65.0
2000	27.4	51.6	56.4	60.3	63.6	64.5	66.5	68.0	68.1	68.9	69.3	69.3	69.9	69.9	70.0	70.3
1800	27.8	52.9	57.8	61.7	65.1	65.9	68.0	69.6	69.7	70.6	71.1	71.1	71.6	71.6	71.8	72.1
1500	28.8	55.9	60.9	65.4	69.0	69.9	72.2	73.8	74.0	75.0	75.5	75.5	76.0	76.0	76.2	76.6
1200	29.1	58.1	63.7	68.4	72.5	73.3	76.0	77.8	78.1	79.1	79.7	79.7	80.2	80.2	80.4	80.8
1000	29.2	59.1	65.0	70.	74.6	75.5	78.3	80.2	80.5	81.6	82.2	82.2	82.8	82.8	83.0	83.4
900	29.2	59.8	66.1	71.3	75.9	77.0	80.3	82.1	82.4	83.5	84.2	84.2	84.9	84.9	85.0	85.4
800	29.3	60.4	66.9	72.2	77.4	78.4	82.1	84.2	84.5	85.7	86.4	86.5	87.1	87.1	87.3	87.7
700	29.3	60.9	67.8	73.5	78.7	79.7	83.5	85.6	85.8	87.1	87.9	88.0	88.6	88.6	88.8	89.2
600	29.3	61.3	68.3	74.3	80.0	81.2	85.2	87.6	87.8	89.1	90.0	90.1	90.6	90.8	91.0	91.4
500	29.3	61.5	68.5	74.6	80.6	81.8	86.3	89.0	89.2	91.0	92.0	92.1	93.0	93.0	93.2	93.7
400	29.3	61.7	68.6	75.2	81.3	82.5	87.3	90.2	90.5	92.6	93.9	94.1	95.1	95.1	95.4	95.8
300	29.3	61.7	68.7	75.2	81.6	82.9	88.1	91.2	91.5	94.0	95.4	95.6	96.7	96.8	97.0	97.5
200	29.3	61.7	68.8	75.3	81.7	83.1	88.4	91.6	91.9	94.5	96.1	96.3	97.5	97.6	97.8	98.4
100	29.3	61.8	68.8	75.4	81.8	83.1	88.5	91.7	92.2	94.8	96.4	96.8	98.1	98.2	98.5	99.2
0	29.3	61.8	68.8	75.4	81.8	83.1	88.5	91.7	92.2	94.8	96.4	96.9	98.2	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2133

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-47,49-66 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	> 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	19.1	26.2	27.5	28.6	29.2	29.3	29.5	29.7	29.7	29.9	30.0	30.0	30.0	30.0	30.1	30.1
≥ 20000	33.7	33.[illegible]	34.7	36.3	37.2	37.4	37.7	38.1	38.2	38.4	38.6	38.6	38.6	38.6	38.6	38.6
18000	33.7	33.2	34.8	36.5	37.4	37.5	37.9	38.3	38.4	38.6	38.7	38.7	38.7	38.7	38.8	38.8
16000	33.8	33.4	35.1	36.7	37.8	37.9	38.2	38.6	38.7	38.9	39.1	39.1	39.1	39.1	39.1	39.2
14000	34.4	34.1	35.8	37.5	38.5	38.7	39.0	39.4	39.4	39.7	39.9	39.9	39.9	39.9	39.9	40.0
12000	35.2	35.1	36.9	38.6	39.6	39.8	40.1	40.5	40.6	40.9	41.0	41.0	41.0	41.0	41.0	41.1
10000	36.4	36.8	38.8	40.6	41.7	41.9	42.2	42.6	42.7	43.0	43.2	43.2	43.2	43.2	43.2	43.2
9000	37.	37.6	39.5	41.4	42.5	42.7	43.0	43.4	43.4	43.8	43.9	43.9	43.9	43.9	43.9	44.0
8000	37.7	39.2	41.2	43.1	44.4	44.7	45.0	45.4	45.5	45.8	46.0	46.0	46.0	46.0	46.0	46.1
7000	38.5	40.7	42.8	44.9	46.4	46.8	47.1	47.7	47.7	48.1	48.2	48.2	48.2	48.2	48.3	48.3
6000	39.	41.3	43.7	45.9	47.5	47.9	48.3	48.9	49.0	49.3	49.4	49.4	49.4	49.4	49.5	49.5
5000	39.7	42.8	45.3	47.6	49.5	49.9	50.4	51.0	51.1	51.4	51.5	51.5	51.5	51.5	51.6	51.6
4500	39.9	43.4	46.0	48.3	50.2	50.7	51.2	51.8	51.9	52.2	52.3	52.3	52.3	52.3	52.4	52.4
4000	40.3	44.3	46.9	49.3	51.3	51.8	52.4	53.0	53.0	53.4	53.6	53.6	53.6	53.6	53.6	53.7
3500	41.1	45.6	48.4	50.9	53.0	53.6	54.2	54.8	54.9	55.3	55.4	55.4	55.4	55.4	55.5	55.5
3000	41.9	47.1	50.0	52.7	55.0	55.6	56.3	56.9	57.0	57.4	57.6	57.6	57.6	57.6	57.6	57.6
2500	43.9	51.2	54.2	56.9	59.5	60.1	60.9	61.6	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.3
2000	44.5	56.7	59.9	63.2	66.3	67.0	68.0	68.7	68.8	69.5	69.7	69.7	69.7	69.7	69.7	69.8
1800	47.1	58.1	61.4	64.9	68.1	68.7	69.7	70.5	70.6	71.3	71.5	71.5	71.5	71.5	71.6	71.6
1500	48.2	61.4	65.1	68.7	72.3	73.1	74.3	75.1	75.3	76.0	76.5	76.5	76.5	76.5	76.5	76.6
1200	48.8	64.3	68.2	72.1	76.1	77.0	78.7	79.6	79.8	80.7	81.2	81.2	81.2	81.2	81.3	81.3
1000	49.2	65.5	70.0	74.2	79.1	80.1	82.4	83.3	83.5	84.6	85.1	85.1	85.2	85.2	85.2	85.3
900	49.2	66.1	70.9	75.5	80.5	81.6	84.2	85.2	85.4	86.5	87.1	87.1	87.2	87.2	87.3	87.3
800	49.3	66.5	71.6	76.5	81.8	82.9	86.0	87.2	87.4	88.6	89.2	89.2	89.3	89.3	89.4	89.4
700	49.3	66.8	72.1	77.3	82.9	84.2	87.7	89.0	89.3	90.5	91.1	91.1	91.2	91.2	91.3	91.3
600	49.3	66.9	72.3	77.9	83.7	85.1	88.8	90.6	90.9	92.3	93.1	93.1	93.2	93.2	93.2	93.3
500	49.3	66.9	72.7	78.3	84.8	86.4	90.6	92.8	93.1	94.8	95.8	95.9	96.0	96.0	96.1	96.1
400	49.3	66.9	72.7	78.4	84.9	86.6	91.0	93.3	93.7	95.6	96.9	97.0	97.2	97.2	97.2	97.3
300	49.3	67.0	72.8	78.5	85.2	87.0	91.6	94.1	94.6	97.0	98.4	98.5	99.1	99.1	99.2	99.3
200	49.3	67.0	72.8	78.5	85.2	87.0	91.6	94.1	94.7	97.2	98.6	98.8	99.3	99.4	99.5	99.6
100	49.3	67.0	72.8	78.5	85.2	87.0	91.6	94.2	94.7	97.2	98.7	98.9	99.5	99.6	99.7	
0	49.3	67.0	72.8	78.5	85.2	87.0	91.6	94.2	94.7	97.2	98.7	98.9	99.7	99.8	99.9	

TOTAL NUMBER OF OBSERVATIONS 2131

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	25.1	31.2	32.0	32.6	32.8	32.8	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 20000	31.1	39.0	40.2	41.0	41.3	41.4	41.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
AVAI 18000	31.3	39.4	40.6	41.5	41.7	41.8	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
16000	31.5	39.6	40.7	41.7	41.9	42.0	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
AVAI 14000	32.	40.5	41.7	42.7	43.0	43.0	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
12000	33.3	41.9	43.2	44.2	44.5	44.6	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
AVAI 10000	34.0	43.9	45.4	46.4	46.7	46.7	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
9000	35.6	45.1	46.6	47.6	47.9	48.0	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
AVAI 8000	36.3	46.5	48.1	49.2	49.6	49.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
7000	37.3	48.1	49.6	50.8	51.5	51.6	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
AVAI 6000	37.9	49.1	51.6	51.9	52.5	52.6	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
5000	38.7	50.7	52.5	53.8	54.8	55.0	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
AVAI 4500	39.1	51.4	53.2	54.5	55.5	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
4000	39.7	52.4	54.3	55.6	56.7	56.8	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
AVAI 3500	40.3	53.8	55.9	57.3	58.3	58.5	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
3000	41.9	56.1	58.3	59.8	61.1	61.3	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
AVAI 2500	44.8	60.3	62.7	64.4	65.9	66.1	66.6	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
2000	46.4	64.6	67.5	69.5	71.2	71.5	72.2	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
AVAI 1800	46.7	65.3	68.2	70.4	72.3	72.6	73.3	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
1500	48.1	68.8	72.1	74.5	76.8	77.1	77.9	78.6	78.6	78.9	78.9	78.9	79.0	79.0	79.0	79.0
AVAI 1200	48.2	71.4	75.1	78.1	81.1	81.6	82.8	83.5	83.5	83.9	84.0	84.0	84.0	84.0	84.0	84.0
1000	48.4	72.9	76.7	80.2	83.4	84.0	85.4	86.3	86.4	86.8	86.9	87.0	87.0	87.0	87.0	87.0
AVAI 900	48.4	73.3	77.5	81.1	84.6	85.3	87.0	87.9	87.9	88.5	88.6	88.7	88.7	88.7	88.8	88.8
800	48.5	74.1	78.4	82.3	86.0	87.2	89.2	90.2	90.3	90.9	91.1	91.2	91.3	91.3	91.3	91.3
AVAI 700	48.5	74.3	79.0	83.1	87.2	88.6	90.9	92.0	92.0	92.7	93.0	93.1	93.2	93.2	93.2	93.2
600	48.5	74.6	79.4	83.7	88.3	89.7	92.6	94.0	94.0	94.8	95.2	95.2	95.4	95.4	95.4	95.4
AVAI 500	48.5	74.8	79.8	84.3	89.3	91.1	94.1	95.6	95.7	96.5	97.2	97.3	97.5	97.5	97.6	97.6
400	48.5	74.8	79.8	84.5	89.6	91.5	94.7	96.3	96.3	97.2	97.9	98.0	98.2	98.2	98.3	98.3
AVAI 300	48.5	74.8	79.9	84.7	90.1	92.0	95.4	97.1	97.2	98.1	99.0	99.1	99.4	99.4	99.5	99.5
200	48.5	74.8	80.0	84.8	90.2	92.0	95.4	97.2	97.3	98.3	99.3	99.4	99.8	99.8	100.0	100.0
AVAI 100	48.5	74.8	80.0	84.8	90.2	92.0	95.4	97.2	97.3	98.3	99.3	99.4	99.8	99.8	100.0	100.0
0	48.5	74.8	80.0	84.8	90.2	92.0	95.4	97.2	97.3	98.3	99.3	99.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2132

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13227 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	76.9	33.5	34.1	34.8	34.9	34.9	34.9	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 20000	33.5	42.5	43.3	44.4	44.6	44.6	44.7	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0
18000	33.8	42.8	43.6	44.7	44.9	44.9	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3
16000	34.3	43.3	44.1	45.2	45.4	45.4	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
14000	34.8	44.3	45.1	46.3	46.5	46.5	46.6	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
12000	36.2	46.2	47.1	48.7	49.0	49.0	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
10000	37.4	47.8	48.9	50.4	50.7	50.7	50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
9000	37.9	48.7	49.9	51.5	51.8	51.8	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
8000	39.3	50.5	51.8	53.6	54.0	54.0	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
7000	40.3	51.9	53.6	55.4	55.9	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
6000	41.9	52.9	54.6	56.6	57.1	57.1	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
5000	42.2	55.1	57.1	59.2	59.8	59.8	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
4500	42.9	56.1	58.3	60.5	61.0	61.0	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
4000	43.9	57.6	59.9	62.2	62.9	62.9	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
3500	44.9	59.7	62.1	64.6	65.2	65.2	65.5	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
3000	46.6	62.2	64.8	67.3	68.0	68.1	68.6	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
2500	47.9	65.0	67.6	70.3	71.2	71.2	71.8	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
2000	49.5	68.5	71.4	74.3	75.7	75.9	76.6	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
1800	49.9	69.2	72.3	75.4	76.8	77.1	77.8	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5
1500	50.7	71.2	74.7	78.0	80.0	80.3	81.1	81.6	81.6	81.9	81.9	81.9	81.9	81.9	82.0	82.0
1200	50.7	72.3	76.6	80.1	82.7	83.1	84.1	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.5	85.5
1000	50.8	73.0	77.5	81.6	84.7	85.2	86.5	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9
900	50.8	73.4	78.0	82.2	85.9	86.5	88.0	88.7	88.7	89.4	89.5	89.5	89.6	89.6	89.7	89.8
800	50.8	73.9	78.5	83.0	87.0	87.8	90.1	90.9	90.9	91.7	91.9	91.9	92.0	92.0	92.1	92.2
700	50.8	74.2	79.0	83.6	87.9	88.8	91.3	92.4	92.4	93.3	93.6	93.6	93.7	93.7	93.9	94.0
600	50.8	74.2	79.3	84.1	88.8	89.7	92.3	93.7	93.7	94.7	95.1	95.1	95.2	95.2	95.5	95.6
500	50.8	74.3	79.5	84.2	89.1	90.3	93.0	94.6	94.6	95.8	96.5	96.6	96.7	96.8	97.1	97.2
400	50.8	74.4	79.5	84.3	89.4	90.3	93.7	95.6	95.6	96.9	97.6	97.7	97.8	97.9	98.2	98.4
300	50.8	74.4	79.5	84.4	89.5	90.5	94.0	96.1	96.2	97.7	98.5	98.6	98.9	98.9	99.2	99.4
200	50.8	74.4	79.5	84.4	89.6	90.6	94.1	96.3	96.4	98.0	98.8	98.9	99.3	99.4	99.7	99.9
100	50.8	74.4	79.5	84.4	89.6	90.6	94.1	96.3	96.4	98.0	98.8	98.9	99.3	99.4	99.8	100.0
0	50.8	74.4	79.5	84.4	89.6	90.6	94.1	96.3	96.4	98.0	98.8	98.9	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2132

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	5.6	36.0	37.6	38.6	39.4	39.6	40.0	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000	39.2	41.6	43.4	44.5	45.5	45.8	46.3	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6
18000	39.4	42.1	43.8	45.0	45.9	46.2	46.7	46.7	46.7	47.0	47.0	47.0	47.1	47.1	47.1	47.1
16000	39.7	42.3	44.1	45.2	46.2	46.5	47.0	47.1	47.0	47.3	47.3	47.3	47.4	47.4	47.4	47.4
14000	39.1	43.1	44.9	46.2	47.2	47.4	48.0	48.0	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3
12000	41.	44.6	46.6	48.1	49.1	49.4	49.9	49.9	49.9	50.2	50.2	50.2	50.3	50.3	50.3	50.3
10000	42.2	46.6	48.8	50.3	51.2	51.5	52.0	52.1	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4
9000	43.	48.1	50.3	52.0	53.1	53.3	53.8	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1
8000	43.8	49.5	51.8	53.5	54.5	54.8	55.3	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7
7000	44.5	50.7	53.1	55.2	56.3	56.6	57.1	57.1	57.1	57.4	57.4	57.4	57.5	57.5	57.5	57.5
6000	45.1	52.4	54.8	56.9	58.1	58.4	58.9	58.9	58.9	59.3	59.3	59.3	59.4	59.4	59.4	59.4
5000	46.1	53.9	56.4	58.7	60.0	60.3	60.9	60.9	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3
4500	46.5	55.4	58.1	60.4	61.7	62.0	62.6	62.6	62.6	63.0	63.0	63.0	63.1	63.1	63.1	63.1
4000	47.4	57.3	60.2	62.6	64.0	64.3	64.9	65.0	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4
3500	47.7	58.6	61.9	64.5	66.0	66.3	67.0	67.1	67.1	67.5	67.5	67.5	67.6	67.6	67.6	67.6
3000	48.4	60.5	63.9	66.7	68.3	68.6	69.5	69.6	69.6	70.0	70.0	70.0	70.1	70.1	70.1	70.1
2500	49.4	63.5	67.2	70.2	71.8	72.2	73.0	73.1	73.1	73.6	73.6	73.6	73.7	73.7	73.7	73.7
2000	50.	66.5	70.8	74.2	76.3	76.7	77.7	77.9	77.9	78.3	78.3	78.3	78.4	78.4	78.4	78.4
1800	50.2	67.5	71.9	75.3	77.5	77.9	79.0	79.2	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7
1500	50.5	69.1	73.8	77.4	80.0	80.4	81.8	82.0	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6
1200	50.5	70.6	75.8	79.8	82.8	83.5	85.0	85.3	85.3	85.9	86.0	86.0	86.1	86.1	86.1	86.1
1000	50.5	71.1	76.4	81.1	85.1	86.0	88.0	88.3	88.3	89.0	89.2	89.2	89.3	89.3	89.3	89.3
900	50.6	71.4	76.7	81.5	85.9	86.9	89.0	89.3	89.3	90.0	90.2	90.2	90.2	90.2	90.2	90.3
800	50.6	71.5	76.9	81.9	86.6	87.7	90.3	90.6	90.6	91.3	91.5	91.5	91.6	91.6	91.6	91.7
700	50.6	71.5	77.0	82.3	87.2	88.2	91.3	91.7	91.7	92.4	92.6	92.6	92.7	92.7	92.7	92.8
600	50.6	71.7	77.3	82.8	88.0	89.2	92.6	93.2	93.2	94.0	94.2	94.2	94.3	94.3	94.4	94.4
500	50.6	71.7	77.4	82.9	88.4	89.8	93.7	94.3	94.3	95.5	95.8	95.8	95.9	95.9	96.0	96.0
400	50.6	71.8	77.4	83.0	88.8	90.2	94.4	95.1	95.1	96.4	96.8	96.9	97.0	97.1	97.2	97.2
300	50.6	71.8	77.5	83.1	89.2	90.6	95.1	95.9	96.0	97.5	97.9	98.0	98.2	98.3	98.4	98.5
200	50.6	71.8	77.5	83.1	89.3	90.7	95.4	96.4	96.4	98.3	98.8	98.9	99.2	99.2	99.4	99.6
100	50.6	71.8	77.5	83.1	89.3	90.7	95.4	96.4	96.5	98.3	98.9	99.0	99.4	99.5	99.7	99.9
0	50.6	71.9	77.6	83.1	89.3	90.7	95.5	96.4	96.5	98.4	98.9	99.0	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2133

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-47,49-66 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	21.9	36.2	38.6	40.2	41.5	41.5	41.8	42.0	42.0	42.3	42.4	42.4	42.5	42.5	42.7	42.8
≥ 20000	24.4	41.5	43.1	44.7	46.2	46.3	46.7	46.9	46.9	47.2	47.4	47.4	47.5	47.5	47.7	47.9
IVIV 18000	24.6	40.9	43.6	45.3	46.7	46.9	47.2	47.4	47.4	47.7	47.9	47.9	48.0	48.0	48.2	48.4
16000	24.7	41.1	43.8	45.5	46.9	47.0	47.4	47.6	47.6	47.9	48.1	48.1	48.2	48.2	48.4	48.6
IVIV 14000	25.	42.1	44.8	46.5	47.9	48.1	48.5	48.6	48.7	49.0	49.2	49.2	49.2	49.3	49.5	49.7
12000	25.	43.3	46.2	48.3	49.7	49.9	50.2	50.4	50.4	50.8	50.9	50.9	51.0	51.0	51.2	51.4
IVIV 10000	26.5	44.9	48.0	50.2	51.6	51.8	52.2	52.3	52.4	52.7	52.9	52.9	53.0	53.0	53.2	53.4
9000	27.	45.5	48.7	51.1	52.6	52.8	53.1	53.3	53.4	53.7	53.8	53.8	53.9	54.0	54.2	54.4
IVIV 8000	28.	47.5	50.7	53.2	54.8	55.0	55.5	55.7	55.7	56.1	56.2	56.2	56.3	56.3	56.5	56.7
7000	28.6	49.1	52.4	55.1	56.8	57.0	57.5	57.7	57.7	58.1	58.3	58.3	58.3	58.4	58.6	58.8
IVIV 6000	29.	50.3	53.6	56.4	58.2	58.3	58.9	59.1	59.1	59.5	59.7	59.7	59.8	59.8	60.0	60.2
5000	29.8	52.1	55.5	58.4	60.3	60.5	61.0	61.3	61.3	61.7	61.9	61.9	62.0	62.0	62.3	62.5
IVIV 4500	30.3	53.8	57.3	60.2	62.1	62.3	62.9	63.2	63.2	63.6	63.8	63.8	63.9	64.0	64.3	64.4
4000	31.	55.2	58.9	61.9	63.9	64.2	64.9	65.2	65.2	65.6	65.8	65.8	65.9	66.0	66.3	66.5
IVIV 3500	31.6	56.8	60.7	63.8	66.7	66.3	67.2	67.5	67.5	68.0	68.2	68.2	68.3	68.3	68.6	68.8
3000	32.4	58.9	62.9	66.3	68.7	68.9	69.8	70.2	70.2	70.7	70.9	70.9	71.0	71.1	71.3	71.5
IVIV 2500	32.9	61.8	65.2	68.7	71.2	71.4	72.4	72.7	72.7	73.3	73.5	73.5	73.6	73.6	73.9	74.1
2000	33.4	64.6	69.2	72.9	75.7	76.0	76.9	77.3	77.3	77.9	78.1	78.1	78.2	78.3	78.6	78.8
IVIV 1800	33.6	65.6	70.3	74.2	77.1	77.3	78.4	78.7	78.8	79.5	79.6	79.6	79.8	79.8	80.1	80.3
1500	33.7	67.4	72.7	76.9	80.4	80.8	82.1	82.5	82.6	83.3	83.5	83.5	83.7	83.7	84.1	84.2
IVIV 1200	33.9	68.3	74.0	78.8	82.7	83.3	84.8	85.3	85.4	86.1	86.3	86.3	86.4	86.5	86.8	87.0
1000	33.9	68.6	74.7	79.7	84.1	84.9	86.7	87.2	87.3	88.0	88.2	88.2	88.4	88.4	88.7	88.9
IVIV 900	33.9	69.1	75.3	80.6	85.1	85.9	87.8	88.3	88.5	89.3	89.4	89.4	89.6	89.6	90.0	90.2
800	34.	69.4	75.6	81.1	86.1	86.9	88.9	89.5	89.7	90.5	90.7	90.7	90.9	90.9	91.3	91.5
IVIV 700	34.	69.6	76.1	81.8	86.9	87.7	90.0	90.5	90.7	91.6	91.8	91.8	91.9	92.0	92.4	92.5
600	34.	69.7	76.5	82.6	88.0	88.8	91.4	92.1	92.3	93.3	93.5	93.5	93.6	93.7	94.0	94.2
IVIV 500	34.	69.8	76.8	83.0	88.8	89.7	92.6	93.3	93.5	94.8	95.1	95.1	95.4	95.4	95.9	96.1
400	34.	69.8	76.9	83.2	89.2	90.1	93.2	94.2	94.4	95.8	96.2	96.2	96.5	96.5	97.1	97.4
IVIV 300	34.	69.8	76.9	83.2	89.4	90.3	93.7	94.8	95.1	96.9	97.2	97.2	97.7	97.7	98.3	98.6
200	34.	69.8	76.9	83.2	89.5	90.5	93.9	95.1	95.4	97.2	97.6	97.6	98.1	98.2	98.9	99.2
IVIV 100	34.	69.8	76.9	83.2	89.5	90.6	94.0	95.2	95.5	97.4	97.9	97.9	98.5	98.5	99.4	99.8
0	34.	69.8	76.9	83.2	89.5	90.6	94.0	95.2	95.5	97.4	97.9	97.9	98.5	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2132

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13927 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	72.5	38.1	40.5	42.3	43.5	43.6	44.0	44.2	44.2	44.6	44.7	44.7	44.8	44.8	44.9	44.9
≥ 20000	24.3	42.1	44.8	47.3	48.3	48.4	48.8	49.1	49.1	49.5	49.7	49.7	49.8	49.8	49.8	49.9
AVW 18000	24.4	42.1	44.8	47.0	48.3	48.4	48.9	49.2	49.2	49.5	49.7	49.7	49.8	49.8	49.9	49.9
16000	24.4	42.2	44.9	47.1	48.4	48.5	49.0	49.2	49.2	49.6	49.8	49.8	49.9	49.9	49.9	50.0
AVW 14000	25.3	43.4	46.3	48.5	49.8	49.9	50.3	50.6	50.6	51.0	51.2	51.2	51.3	51.3	51.3	51.4
12000	25.9	45.4	48.3	51.3	51.7	51.9	52.3	52.6	52.6	53.0	53.1	53.1	53.2	53.2	53.3	53.4
AVW 10000	27.4	47.8	50.9	53.4	54.8	54.9	55.4	55.7	55.7	56.0	56.2	56.2	56.3	56.3	56.4	56.5
9000	27.9	48.8	52.0	54.5	55.9	56.0	56.5	56.8	56.8	57.2	57.4	57.4	57.5	57.5	57.5	57.6
AVW 8000	28.7	51.2	54.4	57.1	58.6	58.7	59.2	59.5	59.5	59.9	60.1	60.1	60.2	60.2	60.2	60.3
7000	29.6	53.4	56.8	59.7	61.3	61.4	61.9	62.2	62.2	62.6	62.8	62.8	62.9	62.9	63.0	63.1
AVW 6000	30.3	55.3	59.0	62.1	63.7	63.8	64.3	64.6	64.6	65.0	65.2	65.2	65.3	65.3	65.3	65.4
5000	30.9	57.5	61.4	64.7	66.4	66.5	67.0	67.4	67.4	67.8	68.0	68.0	68.1	68.1	68.1	68.2
AVW 4500	31.3	58.7	62.8	66.3	68.0	68.1	68.7	69.0	69.0	69.4	69.6	69.6	69.7	69.7	69.7	69.8
4000	32.3	61.4	64.7	68.2	70.0	70.1	70.7	71.1	71.1	71.6	71.7	71.7	71.8	71.8	71.9	72.0
AVW 3500	32.1	61.4	65.6	69.2	71.0	71.1	71.7	72.1	72.1	72.5	72.7	72.7	72.8	72.8	72.8	72.9
3000	32.4	62.7	67.4	70.9	72.8	72.9	73.6	74.0	74.0	74.4	74.6	74.6	74.7	74.7	74.7	74.8
AVW 2500	32.8	64.9	69.8	73.5	75.5	75.7	76.4	76.8	76.8	77.2	77.4	77.4	77.5	77.5	77.6	77.7
2000	33.3	67.3	72.5	76.7	79.1	79.3	80.1	80.5	80.5	81.0	81.2	81.2	81.3	81.3	81.3	81.4
AVW 1800	33.4	67.8	73.3	77.5	79.9	80.1	80.9	81.4	81.4	81.9	82.0	82.0	82.1	82.1	82.2	82.3
1500	33.7	69.2	74.9	79.3	82.1	82.3	83.4	83.8	83.8	84.3	84.5	84.5	84.6	84.6	84.6	84.8
AVW 1200	33.9	70.5	76.4	81.2	84.2	84.4	85.5	86.0	86.0	86.5	86.6	86.6	86.7	86.7	86.8	86.9
1000	34.	71.2	77.5	82.6	85.8	86.1	87.3	88.0	88.0	88.5	88.7	88.7	88.8	88.8	88.8	88.9
AVW 900	34.	71.7	78.2	83.3	86.7	87.1	88.4	89.1	89.1	89.7	89.9	89.9	90.0	90.0	90.0	90.1
800	34.	72.2	79.0	84.4	88.0	88.4	89.6	90.5	90.5	91.1	91.3	91.4	91.5	91.5	91.5	91.6
AVW 700	34.	72.5	79.7	85.3	89.0	89.6	91.0	91.9	91.9	92.5	92.8	92.8	92.9	92.9	93.0	93.1
600	34.1	72.8	80.1	85.9	90.0	90.5	91.9	92.9	93.0	93.6	93.8	93.9	94.0	94.0	94.1	94.2
AVW 500	34.1	72.9	80.5	86.5	90.8	91.4	93.0	94.0	94.1	94.8	95.0	95.1	95.3	95.3	95.4	95.5
400	34.1	72.9	80.6	86.7	91.5	92.1	93.8	95.1	95.1	95.9	96.1	96.1	96.4	96.4	96.5	96.6
AVW 300	34.1	72.9	80.7	86.8	91.7	92.4	94.6	95.9	96.0	97.0	97.4	97.4	98.0	98.0	98.1	98.2
200	34.1	72.9	80.7	86.9	91.8	92.5	94.7	96.2	96.2	97.3	97.9	98.0	98.8	98.8	99.1	99.2
AVW 100	34.1	72.9	80.7	86.9	91.8	92.5	94.7	96.2	96.2	97.4	98.2	98.2	99.1	99.1	99.4	99.6
0	34.1	72.9	80.7	86.9	91.8	92.5	94.7	96.2	96.2	97.4	98.2	98.3	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1863

1210WS FORM JUL 64 0-14-5 (9L-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	18.6	35.3	37.5	40.2	41.3	41.5	42.1	42.4	42.5	42.6	42.6	42.6	42.7	42.7	42.7	42.8
≥ 20000	20.7	38.2	41.0	44.1	45.5	45.7	46.4	46.8	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.3
IVIV 18000	20.8	38.3	41.1	44.2	45.6	45.8	46.5	46.9	47.0	47.1	47.2	47.2	47.3	47.3	47.3	47.4
16000	20.9	38.5	41.2	44.4	45.8	46.0	46.7	47.0	47.1	47.2	47.3	47.3	47.5	47.5	47.5	47.6
IVIV 14000	21.6	39.6	42.4	45.6	47.0	47.2	47.9	48.2	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.7
12000	22.5	41.8	44.6	47.9	49.3	49.5	50.3	50.6	50.7	50.8	50.9	50.9	51.0	51.0	51.0	51.2
IVIV 10000	23.5	44.1	46.9	50.3	51.9	52.1	52.9	53.2	53.3	53.4	53.5	53.5	53.6	53.6	53.6	53.8
9000	23.9	44.9	47.7	51.2	52.8	53.0	53.8	54.2	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.8
IVIV 8000	24.8	47.1	50.1	53.6	55.1	55.4	56.4	56.7	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.3
7000	25.2	48.2	51.4	54.9	56.5	56.8	57.8	58.1	58.2	58.3	58.5	58.5	58.6	58.6	58.6	58.7
IVIV 6000	26.0	50.2	53.5	57.0	58.7	59.0	60.0	60.4	60.5	60.6	60.7	60.7	60.8	60.8	60.8	61.0
5000	26.5	51.7	55.3	59.2	61.1	61.4	62.4	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.4
IVIV 4500	26.9	53.3	57.0	60.9	62.9	63.2	64.2	64.6	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.2
4000	27.5	55.2	58.9	62.9	64.9	65.3	66.3	66.7	66.8	66.9	67.0	67.0	67.1	67.1	67.3	67.4
IVIV 3500	28.0	56.7	60.4	64.8	66.9	67.2	68.3	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.2	69.4
3000	28.4	58.3	62.1	66.7	68.9	69.2	70.3	70.7	70.9	71.0	71.1	71.1	71.2	71.2	71.3	71.4
IVIV 2500	28.9	60.5	64.8	69.8	72.1	72.5	73.6	74.1	74.2	74.3	74.4	74.4	74.5	74.5	74.6	74.8
2000	29.4	63.1	67.8	73.2	75.7	76.1	77.3	77.8	77.9	78.0	78.2	78.2	78.3	78.3	78.4	78.6
IVIV 1800	29.6	64.0	68.8	74.2	76.8	77.3	78.5	79.0	79.1	79.3	79.4	79.4	79.5	79.5	79.7	79.9
1500	29.8	65.4	70.3	76.0	79.0	79.4	80.7	81.2	81.3	81.5	81.6	81.6	81.7	81.7	81.9	82.1
IVIV 1200	30.1	67.0	72.2	78.3	81.5	82.0	83.3	83.9	84.0	84.2	84.3	84.3	84.4	84.4	84.6	84.8
1000	30.3	68.0	73.3	79.7	83.2	83.8	85.2	85.8	85.9	86.3	86.5	86.5	86.6	86.6	86.7	87.0
IVIV 900	30.3	68.5	74.1	80.7	84.2	84.8	86.3	86.9	87.0	87.5	87.7	87.7	87.8	87.8	88.0	88.2
800	30.3	68.9	74.7	81.4	85.1	85.7	87.4	88.0	88.1	88.7	88.9	88.9	89.2	89.2	89.3	89.5
IVIV 700	30.3	69.1	75.0	82.1	86.0	86.6	88.4	89.2	89.3	89.8	90.1	90.1	90.3	90.3	90.4	90.7
600	30.3	69.4	75.5	82.9	87.1	87.8	89.7	90.6	90.7	91.3	91.7	91.7	92.0	92.0	92.2	92.4
IVIV 500	30.3	69.7	76.1	83.8	88.1	89.0	91.0	92.1	92.2	92.8	93.3	93.3	93.7	93.7	93.8	94.0
400	30.3	69.7	76.2	84.2	88.7	89.6	91.9	93.1	93.2	94.1	94.7	94.7	95.1	95.1	95.3	95.5
IVIV 300	30.3	69.8	76.3	84.3	89.0	90.0	92.6	93.9	94.0	95.2	95.9	95.9	96.7	96.7	97.0	97.3
200	30.3	69.8	76.3	84.3	89.0	90.0	92.9	94.4	94.6	95.9	96.8	96.8	97.8	97.8	98.2	98.4
IVIV 100	30.3	69.8	76.3	84.3	89.0	90.0	92.9	94.4	94.6	96.1	97.0	97.1	98.2	98.2	98.6	99.0
0	30.3	69.8	76.3	84.3	89.0	90.0	92.9	94.4	94.6	96.1	97.0	97.1	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1863

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	15.5	27.2	28.8	30.9	33.1	33.2	34.6	35.5	35.5	36.3	36.5	36.5	36.5	36.5	36.6	36.7
≥ 20000	18.1	31.2	33.3	35.9	38.1	38.4	40.0	40.9	41.0	41.8	42.0	42.0	42.0	42.0	42.2	42.4
18000	18.1	31.3	33.4	35.9	38.2	38.4	40.1	41.0	41.1	41.9	42.2	42.2	42.2	42.2	42.3	42.5
16000	18.1	31.3	33.4	36.1	38.2	38.5	40.2	41.1	41.2	42.0	42.3	42.3	42.3	42.3	42.4	42.6
14000	18.3	32.1	34.1	36.7	39.1	39.4	41.1	42.0	42.2	43.0	43.2	43.2	43.2	43.2	43.3	43.5
12000	19.4	34.1	36.6	39.3	41.7	41.9	43.7	44.6	44.8	45.6	45.8	45.8	45.8	45.8	45.9	46.1
10000	20.5	35.9	38.5	41.3	43.7	44.0	45.8	46.7	46.9	47.7	47.9	47.9	47.9	47.9	48.0	48.2
9000	21.2	37.1	39.8	42.6	45.3	45.5	47.6	48.5	48.7	49.5	49.7	49.7	49.7	49.7	49.8	50.1
8000	22.8	39.8	42.7	45.6	48.3	48.8	50.9	51.9	52.1	52.9	53.1	53.1	53.1	53.1	53.2	53.4
7000	23.4	41.6	44.8	47.9	50.7	51.1	53.3	54.4	54.5	55.3	55.5	55.5	55.5	55.5	55.6	55.9
6000	24.1	42.7	46.1	49.4	52.2	52.6	54.9	56.3	56.1	56.9	57.2	57.2	57.2	57.2	57.3	57.5
5000	24.7	44.1	47.5	50.8	53.8	54.2	56.6	57.6	57.8	58.7	58.9	58.9	58.9	58.9	59.0	59.2
4500	24.9	45.1	48.7	52.0	55.1	55.6	58.0	59.1	59.3	60.2	60.5	60.5	60.5	60.5	60.6	60.9
4000	25.3	46.2	50.0	53.5	56.8	57.4	59.8	61.1	61.2	62.2	62.4	62.4	62.4	62.4	62.6	62.8
3500	25.8	47.2	51.1	54.6	58.1	58.6	61.2	62.4	62.6	63.6	63.9	63.9	63.9	63.9	64.0	64.2
3000	26.4	49.1	53.3	57.3	60.8	61.3	64.1	65.3	65.5	66.6	66.8	66.8	66.8	66.8	67.0	67.2
2500	27.3	51.8	56.2	60.3	64.1	64.6	67.4	68.8	69.0	70.2	70.4	70.4	70.4	70.4	70.6	70.8
2000	28.2	54.6	59.5	64.1	68.3	68.9	71.9	73.3	73.5	74.7	75.1	75.1	75.1	75.1	75.3	75.5
1800	28.5	55.9	61.1	65.7	70.2	70.8	73.9	75.4	75.6	76.8	77.2	77.2	77.2	77.2	77.4	77.6
1500	28.8	57.6	63.1	67.9	72.7	73.5	76.7	78.4	78.6	79.9	80.2	80.2	80.3	80.3	80.4	80.7
1200	29.3	59.7	65.7	71.1	76.4	77.2	80.8	82.7	82.9	84.4	84.7	84.7	84.7	84.7	84.9	85.2
1000	29.7	60.8	67.0	72.5	78.1	79.0	82.6	84.5	84.7	86.3	86.7	86.7	86.7	86.7	86.9	87.2
900	29.8	61.5	67.8	73.5	79.3	80.2	84.0	86.0	86.2	87.9	88.2	88.2	88.3	88.3	88.4	88.7
800	29.8	61.9	68.5	74.4	80.3	81.2	85.3	87.4	87.6	89.5	89.9	89.9	89.9	89.9	90.1	90.4
700	29.8	62.1	68.9	74.8	80.9	81.9	86.1	88.3	88.5	90.4	90.9	90.9	91.0	91.0	91.1	91.4
600	29.8	62.6	69.5	75.5	82.0	83.0	87.4	89.7	89.9	91.9	92.6	92.6	92.8	92.9	93.1	93.4
500	29.8	62.6	69.9	76.2	82.7	83.8	88.4	90.8	91.1	93.3	94.1	94.1	94.5	94.5	94.8	95.1
400	29.8	62.6	70.0	76.3	83.0	84.0	88.9	91.5	91.9	94.4	95.3	95.4	95.8	95.9	96.1	96.4
300	29.8	62.6	70.0	76.3	83.1	84.2	89.1	91.9	92.3	94.9	95.9	96.0	96.8	97.0	97.5	97.7
200	29.8	62.6	70.0	76.3	83.2	84.3	89.3	92.1	92.6	95.5	96.7	96.7	97.7	97.9	98.4	98.8
100	29.8	62.6	70.0	76.3	83.2	84.3	89.3	92.1	92.6	95.6	96.8	96.9	97.9	98.1	98.7	99.1
0	29.8	62.6	70.0	76.3	83.2	84.3	89.3	92.1	92.6	95.6	96.9	96.9	98.1	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	1.6	31.5	33.3	34.4	35.2	35.3	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 20000	26.1	38.6	40.7	42.1	43.3	43.5	43.9	44.2	44.2	44.3	44.3	44.3	44.3	44.4	44.4	44.4
VIV 18000	26.2	38.7	40.8	42.2	43.5	43.7	44.1	44.4	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.6
16000	26.4	38.9	41.1	42.5	43.7	44.0	44.3	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8
VIV 14000	27.2	40.	42.1	43.6	44.9	45.1	45.5	45.8	45.8	45.9	45.9	45.9	45.9	46.0	46.0	46.0
12000	28.1	41.2	43.4	44.9	46.2	46.4	46.8	47.1	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3
VIV 10000	28.8	42.8	45.1	46.7	48.1	48.4	48.7	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2
9000	29.3	43.9	46.2	47.9	49.3	49.5	50.0	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5
VIV 8000	30.2	46.1	48.6	50.4	52.0	52.2	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2
7000	31.6	48.1	50.9	52.8	54.5	54.8	55.2	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
VIV 6000	32.4	49.6	52.4	54.5	56.4	56.6	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6
5000	33.	50.9	53.7	56.0	57.9	58.3	58.8	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3
VIV 4500	33.2	51.5	54.4	56.9	58.9	59.3	59.8	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4
4000	33.3	52.5	55.6	58.2	60.3	60.7	61.2	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8
VIV 3500	34.	54.0	57.2	60.0	62.1	62.5	63.1	63.4	63.4	63.6	63.6	63.6	63.6	63.7	63.7	63.7
3000	34.9	55.7	59.1	62.0	64.6	65.0	65.6	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2
VIV 2500	37.1	59.4	62.9	66.0	68.8	69.3	70.0	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7
2000	38.8	63.7	67.7	71.3	74.3	74.9	75.8	76.3	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7
VIV 1800	39.3	65.2	69.4	72.9	76.1	76.8	77.8	78.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7
1500	40.6	68.1	72.5	76.2	79.7	80.4	81.6	82.2	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8
VIV 1200	41.3	70.5	75.0	79.2	83.1	84.0	85.2	86.0	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6
1000	41.6	71.8	76.4	81.1	85.3	86.3	87.6	88.5	88.5	88.9	89.1	89.1	89.1	89.2	89.2	89.2
VIV 900	41.8	72.2	77.0	81.9	86.2	87.1	88.8	89.9	90.0	90.5	90.7	90.7	90.7	90.8	90.8	90.8
800	41.9	73.1	78.1	83.0	87.5	88.5	90.4	91.7	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5
VIV 700	42.1	73.4	78.5	83.7	88.4	89.4	91.4	92.9	93.0	93.5	93.7	93.7	93.8	93.8	93.8	93.8
600	42.2	73.9	79.2	84.6	89.7	90.8	93.2	95.1	95.2	95.9	96.2	96.2	96.2	96.3	96.3	96.3
VIV 500	42.2	74.0	79.5	85.0	90.3	91.4	94.1	96.1	96.2	97.1	97.4	97.4	97.5	97.6	97.6	97.6
400	42.2	74.1	79.7	85.1	90.5	91.6	94.6	96.8	96.9	97.9	98.2	98.2	98.4	98.5	98.5	98.5
VIV 300	42.2	74.2	79.7	85.2	90.6	91.7	94.8	96.9	97.2	98.4	99.0	99.0	99.1	99.2	99.3	99.3
200	42.2	74.2	79.7	85.2	90.6	91.7	94.8	96.9	97.2	98.4	99.0	99.1	99.3	99.4	99.5	99.5
VIV 100	42.2	74.2	79.7	85.2	90.6	91.7	94.8	96.9	97.2	98.4	99.0	99.1	99.4	99.5	99.6	99.6
0	42.2	74.2	79.7	85.2	90.6	91.7	94.8	96.9	97.2	98.4	99.1	99.1	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1863

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	29.7	36.2	37.2	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	37.5	46.1	47.3	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000	37.9	46.5	47.7	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
≥ 16000	38.	46.7	47.9	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 14000	38.6	47.7	49.0	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	39.3	49.3	50.7	51.3	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	40.5	51.3	52.4	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 9000	41.	51.7	53.1	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 8000	41.9	53.5	54.9	55.8	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 7000	43.	55.2	56.6	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 6000	43.3	55.9	57.3	58.2	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 5000	43.8	57.1	58.5	59.5	59.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 4500	44.2	57.6	59.2	60.4	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4000	45.2	59.3	61.1	62.5	63.1	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 3500	46.4	61.4	63.4	64.9	65.6	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3000	48.	64.4	66.5	68.2	69.1	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2500	50.1	68.8	70.9	72.7	73.8	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	52.4	74.0	76.4	78.2	79.5	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800	52.6	74.9	77.5	79.3	80.8	81.1	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	53.5	77.2	80.0	82.0	83.5	83.9	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1200	54.2	79.8	83.2	85.4	87.7	88.1	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	54.6	81.3	84.6	87.2	89.8	90.5	91.2	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	54.7	81.4	85.1	88.0	90.9	91.6	92.5	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	54.7	81.7	85.6	88.8	92.0	92.7	93.8	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	54.8	82.0	85.9	89.2	92.7	93.4	94.6	95.4	95.4	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 600	54.8	82.3	86.4	89.7	93.4	94.1	95.4	96.3	96.3	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 500	54.8	82.3	86.4	90.0	93.7	94.5	96.1	97.2	97.3	97.9	98.0	98.0	98.1	98.2	98.2	98.2
≥ 400	54.8	82.3	86.4	90.1	93.9	94.7	96.5	97.8	97.9	98.7	98.8	98.8	98.9	99.0	99.0	99.1
≥ 300	54.8	82.4	86.5	90.1	94.1	94.9	96.8	98.2	98.2	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 200	54.8	82.4	86.5	90.1	94.1	94.9	96.8	98.3	98.3	99.2	99.3	99.3	99.5	99.6	99.6	99.7
≥ 100	54.8	82.4	86.5	90.1	94.1	94.9	96.8	98.3	98.3	99.2	99.3	99.3	99.6	99.7	99.7	99.8
0	54.9	82.4	86.5	90.2	94.1	95.0	96.9	98.3	98.4	99.3	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1362

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	31.8	39.5	40.3	40.6	40.7	40.7	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	38.4	48.6	49.4	50.2	50.2	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
AVIV 18000	38.6	48.9	49.7	50.2	50.5	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
16000	38.9	49.2	50.0	50.6	50.8	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
AVIV 14000	40.7	50.6	51.4	52.0	52.2	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
12000	41.4	52.7	53.5	54.1	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
AVIV 10000	42.3	54.1	55.0	55.6	55.9	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
9000	43.2	55.1	56.0	56.7	57.0	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
AVIV 8000	44.3	57.0	57.9	58.6	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
7000	45.5	58.8	59.7	60.5	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
AVIV 6000	46.3	60.0	60.9	61.8	62.2	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
5000	47.3	62.3	63.6	64.5	64.9	65..	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
AVIV 4500	48.1	63.3	64.6	65.6	66.0	66.1	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
4000	49.2	65.4	66.7	67.7	68.2	68.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
AVIV 3500	50.2	67.1	68.6	69.8	70.3	70.4	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
3000	51.9	70.1	71.6	72.8	73.4	73.5	74.0	74.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6
AVIV 2500	53.3	73.3	74.9	76.4	77.2	77.3	77.8	78.2	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5
2000	54.6	76.3	78.2	79.9	81.0	81.2	81.9	82.2	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6
AVIV 1800	54.7	76.9	78.8	80.6	81.9	82.1	82.9	83.3	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6
1500	55.1	78.4	80.6	82.6	84.2	84.4	85.6	85.9	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3
AVIV 1200	55.7	80.7	83.2	85.7	87.9	88.1	89.4	89.9	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3
1000	55.8	81.7	84.4	87.1	89.6	90.0	91.4	91.9	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4
AVIV 900	56.1	82.2	85.2	88.1	90.8	91.2	92.6	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7
800	56.1	82.6	85.7	88.6	91.4	91.8	93.7	94.4	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9
AVIV 700	56.1	82.7	85.9	89.0	91.9	92.4	94.6	95.4	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9
600	56.1	82.9	86.2	89.4	92.4	93.0	95.6	96.7	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3
AVIV 500	56.1	82.9	86.2	89.5	92.4	93.2	96.2	97.5	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1
400	56.1	83..	86.3	89.7	92.9	93.8	96.8	98.3	98.4	98.9	99.2	99.2	99.2	99.4	99.4	99.4
AVIV 300	56.1	83.0	86.3	89.7	93.0	93.8	97.0	98.5	98.6	99.1	99.5	99.5	99.5	99.7	99.7	99.7
200	56.1	83.0	86.3	89.7	93.0	93.8	97.0	98.5	98.6	99.1	99.6	99.6	99.6	99.8	99.8	99.8
AVIV 100	56.1	83.0	86.3	89.7	93.0	93.8	97.0	98.5	98.6	99.1	99.6	99.6	99.6	99.8	99.8	99.9
0	56.1	83.0	86.3	89.7	93.0	93.8	97.0	98.5	98.6	99.1	99.6	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1863

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	41.1	42.6	43.6	44.5	44.7	44.8	45.0	45.1	45.1	45.2	45.2	45.2	45.3	45.3	45.3	45.3
≥ 20000	35.4	49.8	51.0	52.1	52.3	52.3	52.5	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IVV ≥ 18000	35.4	49.9	51.2	52.2	52.4	52.5	52.7	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1
≥ 16000	35.4	50.1	51.4	52.4	52.7	52.7	52.9	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3
IVV ≥ 14000	36.6	51.9	53.2	54.3	54.5	54.6	54.8	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2
≥ 12000	37.5	53.5	54.9	56.0	56.3	56.3	56.5	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9
IVV ≥ 10000	38.6	55.6	57.1	58.3	58.6	58.6	58.8	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	39.2	56.7	58.3	59.5	59.7	59.8	60.1	60.2	60.2	60.4	60.4	60.4	60.5	60.5	60.5	60.5
IVV ≥ 8000	40.2	58.3	59.9	61.1	61.5	61.5	61.8	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	41.1	59.9	61.9	63.2	63.6	63.6	63.9	64.1	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IVV ≥ 6000	41.9	61.5	63.6	64.9	65.3	65.3	65.6	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000	42.8	63.4	65.7	67.3	67.8	67.8	68.2	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IVV ≥ 4500	43.9	65.4	67.8	69.5	69.9	70.0	70.3	70.5	70.5	70.8	70.8	70.8	70.9	70.9	70.9	70.9
≥ 4000	44.8	67.4	70.0	71.8	72.2	72.3	72.7	72.9	72.9	73.2	73.2	73.2	73.3	73.3	73.3	73.3
IVV ≥ 3500	45.5	69.2	72.0	74.0	74.6	74.6	75.0	75.2	75.2	75.5	75.5	75.5	75.6	75.6	75.6	75.6
≥ 3000	45.8	70.3	73.5	75.8	76.5	76.5	77.0	77.2	77.2	77.5	77.5	77.5	77.6	77.6	77.6	77.6
IVV ≥ 2500	46.5	72.3	75.7	78.2	79.1	79.2	79.7	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000	47.2	74.1	78.0	81.1	82.5	82.7	83.6	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IVV ≥ 1800	47.5	74.7	78.7	81.9	83.4	83.6	84.5	84.8	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 1500	47.6	75.8	80.6	84.2	86.1	86.2	87.2	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IVV ≥ 1200	47.8	77.5	82.5	86.6	89.1	89.2	90.4	90.8	90.8	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 1000	47.9	78.1	83.2	87.4	90.1	90.3	91.7	92.1	92.1	92.7	92.7	92.7	92.8	92.8	92.8	92.8
IVV ≥ 900	48.1	78.5	83.8	88.2	91.1	91.4	93.0	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	48.1	78.7	84.3	88.7	91.9	92.2	94.0	94.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IVV ≥ 700	48.2	79.0	84.5	88.9	92.3	92.9	94.7	95.1	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	48.2	79.0	84.6	89.1	92.6	93.3	95.7	96.2	96.5	97.3	97.3	97.3	97.4	97.4	97.4	97.4
IVV ≥ 500	48.2	79.0	84.7	89.2	92.9	93.7	96.2	96.9	97.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 400	48.2	79.1	84.8	89.4	93.3	94.1	96.9	97.6	97.9	99.0	99.1	99.1	99.2	99.4	99.4	99.4
IVV ≥ 300	48.2	79.1	84.8	89.4	93.4	94.3	97.0	97.7	98.0	99.1	99.3	99.3	99.4	99.6	99.6	99.6
≥ 200	48.2	79.1	84.8	89.4	93.4	94.3	97.0	97.7	98.0	99.1	99.4	99.4	99.5	99.7	99.7	99.7
IVV 100	48.2	79.1	84.8	89.4	93.4	94.3	97.0	97.7	98.0	99.2	99.5	99.5	99.6	99.8	99.8	99.9
0	48.2	79.1	84.8	89.4	93.4	94.3	97.0	97.7	98.0	99.2	99.5	99.5	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1863

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥2 1/2	≥ 2	≥1 1/2	≥1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	27.4	42.4	44.4	45.2	46.0	46.0	46.2	46.4	46.4	46.5	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	29.6	46.7	49.1	50.1	51.1	51.0	51.3	51.6	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8
18000	29.8	46.9	49.4	50.4	51.2	51.3	51.6	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
16000	29.9	47.3	49.7	50.8	51.6	51.7	51.9	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
14000	30.5	48.4	51.0	52.1	53.1	53.1	53.4	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9
12000	31.5	50.2	52.8	54.0	55.1	55.1	55.4	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9
10000	32.9	53.3	56.0	57.2	58.2	58.3	58.6	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1
9000	33.5	54.4	57.1	58.3	59.4	59.5	59.8	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3
8000	35.1	56.9	59.8	61.1	62.3	62.4	62.7	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
7000	35.9	58.5	61.5	63.2	64.5	64.6	64.9	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5
6000	36.8	60.1	63.1	64.9	66.2	66.3	66.7	67.0	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.4
5000	37.8	62.3	65.4	67.5	68.9	69.0	69.4	69.7	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.2
4500	38.4	63.7	67.2	69.3	70.8	70.9	71.3	71.6	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0
4000	38.8	64.9	68.5	70.7	72.3	72.4	72.7	73.1	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.5
3500	39.2	66.3	70.1	72.4	74.0	74.1	74.6	74.9	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3
3000	39.7	67.6	71.6	74.2	75.9	76.0	76.5	76.8	76.8	76.9	77.2	77.2	77.2	77.2	77.2	77.2
2500	40.4	69.4	73.4	76.2	78.0	78.2	78.7	79.0	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.5
2000	41.5	72.1	76.5	79.8	81.9	82.2	82.8	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.6
1800	41.6	72.9	77.4	80.8	83.1	83.4	84.1	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.9
1500	41.7	74.1	79.2	83.1	85.6	86.0	86.8	87.2	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.7
1200	41.7	75.3	80.7	85.2	88.2	88.6	89.4	89.8	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.4
1000	41.8	76.0	81.6	86.2	89.5	89.8	90.9	91.5	91.5	91.7	91.9	92.0	92.0	92.0	92.0	92.1
900	41.9	76.8	82.4	87.3	90.6	91.0	92.2	92.7	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4
800	41.9	77.1	82.7	87.7	91.3	91.8	93.1	93.7	93.7	94.0	94.2	94.3	94.4	94.4	94.4	94.4
700	41.9	77.2	83.1	88.2	92.0	92.7	94.1	94.8	94.8	95.2	95.4	95.4	95.5	95.5	95.5	95.5
600	41.9	77.4	83.4	88.7	92.9	93.6	95.1	95.9	96.0	96.3	96.6	96.6	96.7	96.7	96.7	96.7
500	41.9	77.6	83.7	89.0	93.4	94.3	96.1	96.9	96.9	97.6	97.8	97.9	98.0	98.0	98.0	98.0
400	41.9	77.6	83.8	89.2	93.7	94.6	96.5	97.5	97.5	98.3	98.5	98.6	98.7	98.7	98.7	98.8
300	41.9	77.6	83.8	89.2	93.8	94.8	96.7	97.8	97.8	98.7	99.0	99.0	99.1	99.1	99.1	99.2
200	41.9	77.6	83.8	89.2	93.8	94.8	96.7	98.0	98.1	98.9	99.2	99.3	99.4	99.5	99.5	99.6
100	41.9	77.6	83.8	89.2	93.8	94.8	96.7	98.0	98.1	98.9	99.2	99.3	99.4	99.5	99.5	99.6
0	41.9	77.6	83.8	89.2	93.8	94.8	96.7	98.0	98.1	98.9	99.2	99.3	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1860

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	7.5	43.7	45.4	45.9	46.1	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.4	46.4	46.4	46.5
≥ 20000	29.9	48.4	50.4	51.5	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.2
IVIV 18000	31.2	48.9	50.9	52.0	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6
16000	30.4	49.3	51.3	52.4	52.7	52.7	52.8	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.1
IVIV 14000	31.1	50.5	52.5	53.7	54.1	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3
12000	32.1	52.2	54.4	55.5	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.3
IVIV 10000	32.8	54.0	56.1	57.2	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9	58.0
9000	33.7	55.2	57.3	58.5	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.2
IVIV 8000	35.5	58.3	60.6	61.8	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.7
7000	37.1	62.2	64.7	66.0	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	67.0
IVIV 6000	37.8	64.3	66.8	68.3	68.9	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.5
5000	38.3	65.8	68.9	70.5	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.1
IVIV 4500	38.5	67.2	70.4	72.0	72.9	72.9	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.6
4000	39.5	68.9	72.3	74.0	74.9	75.0	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.7	75.8
IVIV 3500	40.1	70.8	74.2	76.0	77.0	77.1	77.5	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.9	78.0
3000	40.6	72.7	76.4	78.4	79.5	79.6	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.4	80.5
IVIV 2500	41.0	74.6	78.4	80.5	81.7	81.8	82.2	82.3	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.7
2000	41.7	77.2	81.6	83.8	85.5	85.6	86.2	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.8	86.9
IVIV 1800	41.8	77.9	82.5	84.8	86.5	86.6	87.1	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.8
1500	42.4	79.5	84.2	86.6	88.4	88.5	89.2	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.8	89.9
IVIV 1200	42.5	80.9	85.9	88.5	90.5	90.8	91.6	92.1	92.0	92.2	92.3	92.3	92.3	92.3	92.4	92.5
1000	42.6	81.6	86.8	89.6	91.7	92.0	93.2	93.5	93.5	93.7	93.8	93.8	93.9	93.9	94.0	94.1
IVIV 900	42.7	82.0	87.2	90.2	92.2	92.5	93.7	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.7	94.8
800	42.7	82.2	87.5	90.6	92.7	93.1	94.3	94.8	94.8	95.0	95.1	95.1	95.2	95.2	95.4	95.5
IVIV 700	42.7	82.2	87.7	90.9	93.2	93.5	94.9	95.5	95.5	95.7	95.8	95.8	95.9	95.9	96.1	96.2
600	42.7	82.5	88.0	91.3	93.7	94.2	95.6	96.1	96.2	96.4	96.5	96.5	96.7	96.7	96.8	96.9
IVIV 500	42.7	82.5	88.2	91.7	94.3	94.8	96.5	97.1	97.2	97.6	97.7	97.7	97.9	97.9	98.1	98.2
400	42.7	82.6	88.3	91.9	94.6	95.2	96.9	97.6	97.6	98.0	98.1	98.1	98.5	98.5	98.6	98.7
IVIV 300	42.7	82.6	88.4	92.0	94.8	95.4	97.2	97.9	97.9	98.4	98.5	98.5	99.1	99.1	99.3	99.4
200	42.7	82.6	88.4	92.0	94.8	95.4	97.3	98.0	98.0	98.6	98.7	98.7	99.4	99.4	99.6	99.7
IVIV 100	42.7	82.6	88.4	92.0	94.8	95.4	97.3	98.0	98.0	98.6	98.7	98.7	99.4	99.4	99.6	99.8
0	42.7	82.6	88.4	92.0	94.8	95.4	97.3	98.0	98.0	98.6	98.7	98.7	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2046

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	32.2	39.9	41.4	42.6	43.3	43.4	43.6	43.8	43.8	43.9	43.9	43.9	44.0	44.0	44.2	44.3
≥ 20000	34.4	43.9	45.9	47.4	48.1	48.2	48.4	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.9	49.0
18000	34.7	44.4	46.4	47.9	48.6	48.7	48.9	49.0	49.0	49.1	49.1	49.1	49.2	49.2	49.4	49.5
16000	34.8	44.7	46.7	48.4	49.1	49.2	49.4	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.9	50.0
14000	35.	45.6	47.6	49.2	50.1	50.1	50.3	50.5	50.5	50.6	50.6	50.6	50.7	50.7	50.9	51.0
12000	35.7	47.0	49.2	51.1	51.9	52.0	52.2	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.8	52.9
10000	36.8	48.7	51.0	53.0	53.7	53.8	54.1	54.4	54.4	54.4	54.5	54.5	54.6	54.6	54.8	54.9
9000	37.2	49.5	51.8	53.8	54.6	54.7	55.0	55.3	55.3	55.3	55.4	55.4	55.5	55.5	55.6	55.7
8000	38.7	52.4	54.7	56.9	57.7	57.8	58.2	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.9	59.0
7000	39.2	55.1	57.8	59.9	60.8	61.0	61.4	61.6	61.6	61.7	61.8	61.8	61.8	61.8	62.0	62.2
6000	39.9	57.3	60.1	62.4	63.4	63.7	64.2	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.8	65.0
5000	42.3	59.8	62.8	65.1	66.2	66.4	66.9	67.1	67.1	67.2	67.3	67.3	67.4	67.4	67.6	67.7
4500	42.9	61.2	64.3	66.7	67.8	68.1	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.2	69.4
4000	43.5	63.1	66.3	68.7	69.8	70.1	70.6	70.8	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.4
3500	44.3	64.5	67.8	70.3	71.5	71.8	72.3	72.5	72.5	72.6	72.7	72.7	72.8	72.8	73.0	73.1
3000	45.1	66.7	70.1	72.8	74.0	74.4	74.9	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.6	75.7
2500	45.6	69.1	73.1	75.9	77.4	77.8	78.3	78.5	78.5	78.6	78.7	78.7	78.8	78.8	79.0	79.1
2000	46.4	72.6	76.7	79.9	81.5	81.9	82.4	82.6	82.6	82.7	82.9	82.9	83.0	83.0	83.2	83.4
1800	46.5	73.4	77.9	81.2	82.9	83.3	83.8	84.0	84.0	84.1	84.3	84.3	84.4	84.4	84.6	84.7
1500	47.2	75.7	80.6	84.2	86.3	86.7	87.3	87.5	87.5	87.6	87.8	87.8	87.9	87.9	88.1	88.3
1200	47.4	77.1	82.2	86.0	88.4	88.8	89.5	89.9	89.9	89.9	90.1	90.2	90.3	90.3	90.5	90.6
1000	47.5	78.2	83.6	87.5	90.0	90.4	91.2	91.6	91.6	91.7	91.9	91.9	92.0	92.0	92.3	92.4
900	47.5	78.4	84.0	88.2	90.7	91.1	92.0	92.4	92.4	92.5	92.7	92.8	92.9	92.9	93.1	93.3
800	47.6	78.6	84.3	88.8	91.2	91.8	93.0	93.4	93.4	93.5	93.7	93.8	93.9	93.9	94.1	94.3
700	47.6	78.9	84.8	89.5	92.0	92.6	93.8	94.4	94.4	94.5	94.8	94.8	94.9	94.9	95.2	95.3
600	47.7	79.3	85.4	90.3	93.0	93.6	95.0	95.6	95.6	95.7	96.0	96.0	96.3	96.3	96.5	96.7
500	47.7	79.4	85.6	90.8	93.5	94.1	95.7	96.5	96.6	96.7	97.0	97.1	97.3	97.3	97.6	97.7
400	47.7	79.5	85.7	90.9	93.8	94.5	96.2	97.0	97.1	97.2	97.6	97.6	97.9	97.9	98.1	98.3
300	47.7	79.5	85.7	90.9	93.8	94.6	96.4	97.4	97.5	97.8	98.2	98.3	98.6	98.7	98.9	99.1
200	47.7	79.5	85.7	90.9	93.8	94.6	96.5	97.5	97.6	97.9	98.2	98.3	98.7	98.8	99.0	99.2
100	47.7	79.5	85.7	90.9	93.8	94.6	96.5	97.5	97.6	98.1	98.5	98.6	98.9	99.0	99.3	99.6
0	47.7	79.5	85.7	90.9	93.9	94.7	96.5	97.5	97.6	98.1	98.5	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2645

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	32.3	33.5	35.7	36.7	38.0	38.2	38.7	38.8	38.8	39.1	39.2	39.2	39.3	39.3	39.3	39.8
≥ 20000	25.9	39.5	41.7	42.9	44.4	44.7	45.4	45.7	45.7	46.0	46.0	46.2	46.1	46.1	46.2	46.7
18000	25.9	39.6	41.8	43.1	44.6	44.9	45.6	45.9	45.9	46.2	46.2	46.2	46.3	46.3	46.4	46.8
16000	26.2	40.0	42.2	43.5	45.0	45.3	46.0	46.3	46.3	46.6	46.7	46.7	46.8	46.8	46.8	47.3
14000	26.7	40.7	43.1	44.4	45.9	46.2	46.9	47.2	47.2	47.5	47.5	47.5	47.7	47.7	47.7	48.2
12000	27.2	41.9	44.4	45.7	47.3	47.6	48.3	48.6	48.6	48.9	48.9	48.9	49.0	49.0	49.1	49.6
10000	28.5	44.4	46.9	48.3	49.9	50.3	51.0	51.2	51.2	51.5	51.6	51.6	51.8	51.8	51.8	52.3
9000	28.9	45.1	47.8	49.1	50.8	51.1	51.9	52.2	52.2	52.5	52.6	52.6	52.8	52.8	52.8	53.3
8000	29.9	47.0	49.8	51.2	52.9	53.2	54.0	54.3	54.3	54.6	54.7	54.7	54.9	54.9	54.9	55.4
7000	31.5	49.4	52.2	53.7	55.4	55.7	56.5	56.9	56.9	57.2	57.3	57.3	57.5	57.5	57.6	58.0
6000	32.2	52.9	53.7	55.6	57.4	57.7	58.5	58.9	58.9	59.2	59.3	59.3	59.5	59.5	59.6	60.0
5000	33.3	53.3	56.4	58.5	60.5	60.8	61.8	62.2	62.2	62.5	62.6	62.6	62.8	62.8	62.9	63.4
4500	34.1	54.6	57.7	59.9	61.8	62.2	63.2	63.7	63.7	64.1	64.2	64.2	64.4	64.4	64.4	64.9
4000	34.6	56.2	59.4	61.7	63.8	64.2	65.2	65.7	65.7	66.1	66.2	66.2	66.4	66.4	66.5	67.0
3500	35.8	58.1	61.4	63.8	66.1	66.4	67.4	67.9	67.9	68.3	68.4	68.4	68.6	68.6	68.7	69.2
3000	36.9	59.9	63.4	66.1	68.5	68.9	70.0	70.5	70.5	71.0	71.1	71.1	71.2	71.2	71.3	71.8
2500	38.2	62.7	66.4	69.4	71.9	72.4	73.4	74.0	74.0	74.4	74.6	74.6	74.8	74.8	74.9	75.4
2000	39.8	67.1	71.2	74.5	77.3	77.8	79.1	79.7	79.7	80.3	80.4	80.4	80.6	80.6	80.7	81.2
1800	40.2	68.1	72.7	76.0	78.8	79.3	80.6	81.2	81.2	81.8	82.0	82.0	82.2	82.2	82.2	82.7
1500	40.9	70.0	74.8	78.4	81.4	82.0	83.5	84.0	84.1	84.7	84.9	84.9	85.1	85.1	85.2	85.7
1200	41.6	72.1	77.4	81.2	84.5	85.3	86.9	87.6	87.6	88.4	88.6	88.6	88.8	88.8	88.9	89.3
1000	41.9	73.1	78.8	82.9	86.5	87.3	89.2	89.9	90.0	90.8	91.0	91.0	91.1	91.1	91.2	91.7
900	41.9	73.3	79.1	83.4	87.1	87.9	89.9	90.7	90.8	91.6	91.8	91.8	92.0	92.0	92.1	92.6
800	42.1	73.5	79.4	83.7	87.7	88.5	90.7	91.7	91.8	92.7	92.9	92.9	93.2	93.2	93.3	93.8
700	42.1	73.8	79.8	84.1	88.6	89.4	91.8	93.1	93.2	94.1	94.3	94.3	94.6	94.6	94.7	95.2
600	42.1	74.1	80.2	84.5	89.1	90.0	92.8	94.1	94.2	95.1	95.4	95.4	95.7	95.8	95.9	96.4
500	42.1	74.3	80.5	84.8	89.6	90.7	93.7	95.3	95.5	96.7	96.9	96.9	97.4	97.4	97.5	98.0
400	42.1	74.3	80.5	84.9	89.7	90.8	94.0	95.7	95.8	97.2	97.5	97.5	98.0	98.1	98.2	98.8
300	42.1	74.4	80.5	84.9	89.9	91.0	94.2	96.0	96.2	97.8	98.0	98.0	98.6	98.7	98.9	99.4
200	42.1	74.4	80.5	84.9	89.9	91.0	94.3	96.1	96.2	98.0	98.3	98.3	99.0	99.1	99.3	99.8
100	42.1	74.4	80.5	84.9	89.9	91.0	94.3	96.1	96.2	98.0	98.3	98.3	99.0	99.1	99.3	99.9
0	42.1	74.4	80.5	84.9	89.9	91.0	94.3	96.1	96.2	98.0	98.3	98.4	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2345

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	35.2	36.8	37.6	38.0	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	36.1	44.1	45.2	45.9	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
18000	36.5	44.8	45.9	46.5	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
16000	36.7	45.1	46.2	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
14000	37.4	46.1	47.2	47.9	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
12000	38.4	47.5	48.6	49.2	49.3	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
10000	39.9	49.6	50.7	51.3	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
9000	40.3	50.4	51.7	52.3	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
8000	41.6	52.3	53.7	54.4	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
7000	42.4	53.7	55.1	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
6000	43.2	55.1	56.5	57.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
5000	44.2	56.9	58.4	59.4	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
4500	44.9	57.9	59.4	60.6	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
4000	46.4	60.1	61.7	63.0	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
3500	48.	62.5	64.3	65.6	66.2	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
3000	50.1	66.1	68.0	69.4	70.1	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
2500	52.9	70.7	72.8	74.2	75.1	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
2000	55.5	75.7	78.4	80.0	80.8	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
1800	55.8	77.1	80.1	81.6	82.6	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
1500	56.3	80.3	83.3	85.2	86.5	86.6	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1200	57.3	82.8	86.5	88.6	90.5	90.6	91.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
1000	57.6	83.9	87.9	90.2	92.3	92.5	92.9	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
900	57.6	84.3	88.5	91.1	93.3	93.4	94.0	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
800	57.7	84.7	89.2	91.8	94.1	94.4	95.1	95.6	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1
700	57.7	84.9	89.6	92.4	94.9	95.3	96.2	96.8	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5
600	57.7	84.9	89.7	92.5	95.2	95.6	96.5	97.2	97.3	97.8	97.9	97.9	98.1	98.1	98.1	98.1
500	57.7	85.1	89.8	92.9	95.7	96.1	97.2	97.9	98.0	98.9	99.1	99.1	99.2	99.2	99.2	99.2
400	57.8	85.2	89.9	93.0	95.9	96.4	97.6	98.3	98.4	99.3	99.6	99.6	99.8	99.8	99.8	99.8
300	57.8	85.2	89.9	93.0	95.9	96.4	97.6	98.3	98.5	99.4	99.7	99.7	100.0	100.0	100.0	100.0
200	57.8	85.2	89.9	93.0	95.9	96.4	97.6	98.3	98.5	99.4	99.7	99.7	100.0	100.0	100.0	100.0
100	57.8	85.2	89.9	93.0	95.9	96.4	97.6	98.3	98.5	99.4	99.7	99.7	100.0	100.0	100.0	100.0
0	57.8	85.2	89.9	93.0	95.9	96.4	97.6	98.3	98.5	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2041

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	34.3	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 20000	42.5	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
18000	42.9	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
16000	43.6	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
14000	44.2	48.9	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
12000	45.5	50.5	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
10000	46.8	52.2	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
9000	47.4	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
8000	48.6	55.0	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
7000	49.9	57.2	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
6000	50.8	58.4	58.9	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
5000	51.8	60.3	60.8	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
4500	53.3	61.9	62.5	62.8	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
4000	55.7	65.1	66.0	66.5	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
3500	58.1	68.3	69.3	69.8	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
3000	59.9	71.5	72.7	73.2	73.6	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
2500	62.8	76.6	77.9	78.5	79.0	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
2000	64.7	81.2	82.7	83.4	84.7	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1800	65.1	82.2	84.1	84.8	85.6	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1500	65.9	84.4	86.7	87.7	88.6	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
1200	66.4	86.7	89.3	90.8	92.1	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
1000	66.5	87.5	90.3	91.9	93.4	93.6	94.2	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7
900	66.5	87.7	90.7	92.3	93.9	94.2	94.8	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
800	66.6	88.2	91.2	93.0	94.6	94.9	95.7	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4
700	66.6	88.4	91.4	93.2	95.1	95.4	96.5	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4
600	66.6	88.4	91.6	93.5	95.4	95.7	97.0	97.7	97.8	98.3	98.4	98.4	98.7	98.7	98.7	98.7
500	66.6	88.4	91.7	93.6	95.9	96.2	97.6	98.3	98.4	99.1	99.2	99.2	99.5	99.5	99.6	99.6
400	66.6	88.4	91.7	93.7	96.0	96.3	97.7	98.5	98.6	99.4	99.5	99.5	99.8	99.8	99.9	99.9
300	66.6	88.5	91.7	93.7	96.1	96.4	97.7	98.5	98.6	99.4	99.5	99.5	99.9	99.9	99.9	99.9
200	66.6	88.5	91.7	93.8	96.1	96.4	97.8	98.6	98.7	99.5	99.6	99.6	100.0	100.0	100.0	100.0
100	66.6	88.5	91.7	93.8	96.1	96.4	97.8	98.6	98.7	99.5	99.6	99.6	100.0	100.0	100.0	100.0
0	66.6	88.5	91.7	93.8	96.1	96.4	97.8	98.6	98.7	99.5	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2643

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	36.7	39.7	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 20000	46.5	51.1	51.5	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
18000	47.1	51.9	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
16000	47.6	52.7	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
14000	48.2	53.3	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
12000	49.4	55.1	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
10000	51.[illegible]	57.[illegible]	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
9000	51.3	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
8000	52.9	59.9	60.4	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
7000	54.[illegible]	61.6	62.2	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
6000	55.3	63.3	63.9	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
5000	57.[illegible]	65.6	66.3	66.8	67.1	67.1	67.[illegible]	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
4500	58.7	68.2	69.0	69.4	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
4000	61.1	71.9	72.8	73.4	74.[illegible]	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
3500	62.6	74.3	75.2	75.9	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
3000	64.2	77.6	78.6	79.5	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
2500	65.5	81.1	82.4	83.5	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
2000	66.4	84.[illegible]	85.6	86.8	88.[illegible]	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
1800	66.7	85.[illegible]	86.6	88.1	89.3	89.6	89.9	90.[illegible]	90.[illegible]	90.[illegible]	90.0	90.[illegible]	90.1	90.1	90.1	90.1
1500	67.[illegible]	85.9	87.6	89.1	90.6	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
1200	67.2	86.8	88.7	90.5	92.2	92.6	93.1	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
1000	67.4	87.4	89.4	91.3	93.1	93.4	94.3	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
900	67.4	87.5	89.5	91.5	93.4	93.8	94.9	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
800	67.4	87.6	89.7	91.9	93.9	94.3	95.4	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4
700	67.4	87.8	89.9	92.3	94.3	94.7	96.0	96.6	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1
600	67.4	88.1	90.3	92.6	94.7	95.3	96.6	97.5	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.2
500	67.4	88.2	90.3	92.7	95.0	95.5	97.2	98.2	98.2	98.9	99.1	99.1	99.3	99.3	99.3	99.3
400	67.4	88.2	90.3	92.7	95.0	95.6	97.3	98.3	98.3	99.2	99.5	99.5	99.7	99.7	99.7	99.8
300	67.4	88.2	90.3	92.7	95.1	95.6	97.5	98.4	98.5	99.4	99.7	99.7	99.9	99.9	100.0	100.0
200	67.4	88.2	90.3	92.7	95.1	95.6	97.5	98.4	98.5	99.4	99.7	99.7	99.9	99.9	100.0	100.0
100	67.4	88.2	90.3	92.7	95.1	95.6	97.5	98.4	98.5	99.4	99.7	99.7	99.9	99.9	100.0	100.0
0	67.4	88.2	90.3	92.7	95.1	95.6	97.5	98.4	98.5	99.4	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2043

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	48.3	46.[illegible]	46.6	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	48.5	52.2	53.3	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
18000	48.7	52.7	53.8	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
16000	48.3	53.3	54.4	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
14000	48.9	54.5	55.6	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
12000	46.4	56.8	58.0	58.6	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	47.3	59.0	60.2	60.8	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
9000	47.9	60.1	61.3	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
8000	48.7	61.9	63.2	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
7000	48.6	64.7	66.0	66.8	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
6000	52.1	66.9	68.6	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
5000	53.5	70.1	71.9	72.9	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
4500	54.4	71.9	73.9	75.1	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
4000	55.4	74.1	76.2	77.3	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
3500	56.2	76.2	78.7	79.8	80.5	80.5	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
3000	57.[illegible]	78.3	80.8	82.0	82.8	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2500	57.5	80.1	83.1	84.4	85.4	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2000	58.1	82.5	85.9	87.3	88.6	88.8	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
1800	58.1	82.9	86.4	87.8	89.3	89.5	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
1500	58.3	83.6	87.5	89.1	91.0	91.2	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1200	58.3	84.5	88.6	90.6	92.6	92.9	93.2	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7
1000	58.4	85.4	89.6	91.7	93.9	94.2	94.8	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5
900	58.4	85.5	89.7	91.8	94.2	94.6	95.3	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0
800	58.4	85.6	89.8	92.0	94.4	94.8	95.6	96.0	96.0	96.4	96.4	96.4	96.5	96.5	96.5	96.5
700	58.4	85.7	90.0	92.2	94.6	95.1	96.0	96.4	96.4	96.9	96.9	96.9	97.0	97.0	97.0	97.0
600	58.4	86.0	90.3	92.5	95.1	95.5	96.6	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7
500	58.4	86.0	90.3	92.6	95.4	95.8	97.1	97.7	97.7	98.2	98.4	98.4	98.5	98.5	98.5	98.5
400	58.4	86.1	90.3	92.6	95.4	95.8	97.2	97.8	97.8	98.6	99.0	99.0	99.1	99.1	99.1	99.1
300	58.4	86.0	90.3	92.6	95.5	95.9	97.6	98.3	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.8
200	58.4	86.0	90.3	92.6	95.5	95.9	97.6	98.4	98.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0
100	58.4	86.0	90.3	92.6	95.5	95.9	97.6	98.4	98.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0
0	58.4	86.1	90.3	92.6	95.5	95.9	97.6	98.4	98.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2344

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43--45,47,49-66 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.9	49.7	51.1	52.1	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	49.1	54.7	56.8	57.9	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
18000	49.4	55.1	57.2	58.3	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
16000	49.5	55.3	57.4	58.5	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
14000	49.	56.3	58.5	59.6	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
12000	49.7	57.7	59.9	61.[illegible]	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
10000	41.9	59.3	61.5	62.7	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
9000	41.9	60.[illegible]	62.3	63.5	63.9	63.9	63.9	64.[illegible]	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
8000	43.	62.4	65.0	66.2	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
7000	44.5	65.4	68.1	69.4	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
6000	45.7	67.8	70.7	72.2	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
5000	46.[illegible]	70.3	73.3	75.0	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
4500	47.6	72.2	75.4	77.3	77.8	77.8	77.9	78.[illegible]	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
4000	48.[illegible]	74.[illegible]	77.3	79.2	79.8	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
3500	48.3	75.2	78.7	80.7	81.5	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
3000	48.7	76.9	80.7	82.7	83.6	83.7	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
2500	49.5	78.7	82.6	84.7	85.6	85.9	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2000	49.9	80.[illegible]	84.8	86.9	88.1	88.4	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
1800	50.[illegible]	81.0	85.4	87.6	88.8	89.0	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
1500	50.2	82.2	87.1	89.5	90.9	91.1	91.7	92.[illegible]	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
1200	50.4	83.2	88.3	91.1	92.6	93.0	93.6	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1000	50.4	84.0	89.3	92.1	93.8	94.2	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
900	50.4	84.1	89.4	92.3	94.0	94.6	95.6	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.4	96.4
800	50.4	84.3	89.7	92.6	94.3	94.9	95.9	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.8	96.8
700	50.4	84.4	89.8	92.9	94.7	95.3	96.5	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.4	97.4
600	50.4	84.4	90.1	93.2	95.1	95.6	96.9	97.6	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0
500	50.4	84.5	90.3	93.4	95.4	96.1	97.5	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.7
400	50.4	84.6	90.4	93.5	95.6	96.3	97.7	98.4	98.5	98.8	98.9	98.9	99.0	99.0	99.1	99.1
300	50.4	84.6	90.4	93.5	95.7	96.5	97.8	98.7	98.8	99.1	99.3	99.3	99.4	99.4	99.5	99.5
200	50.4	84.6	90.4	93.5	95.7	96.5	98.0	99.[illegible]	99.2	99.5	99.7	99.7	99.8	99.8	100.0	100.0
100	50.4	84.6	90.4	93.5	95.7	96.5	98.0	99.[illegible]	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0
0	50.4	84.6	90.4	93.5	95.7	96.5	98.0	99.[illegible]	99.2	99.6	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2345

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2200 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	49.3	51.9	53.0	53.4	53.7	53.7	53.7	53.7	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.0
≥ 20000	43.3	57.4	58.8	59.3	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9
18000	43.6	57.9	59.3	59.8	60.1	60.1	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.5	60.5
16000	43.8	58.2	59.6	60.1	60.4	60.4	60.5	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.8	60.8
14000	44.8	59.4	60.8	61.3	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.9	61.9	61.9	61.9
12000	46.2	61.7	63.1	63.6	63.9	63.9	64.0	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.3	64.3
10000	47.8	64.2	65.7	66.2	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.8
9000	48.8	65.7	67.1	67.6	67.9	67.9	68.0	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.3	68.3
8000	50.4	68.8	70.4	71.0	71.3	71.3	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.7
7000	51.7	72.2	73.9	74.5	74.9	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3
6000	52.6	74.1	76.0	76.6	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4
5000	54.4	77.7	79.9	80.7	81.2	81.2	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.6	81.6
4500	54.8	79.0	81.3	82.3	82.9	82.9	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.3	83.3
4000	55.8	81.2	83.5	84.6	85.2	85.2	85.3	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.7
3500	56.2	82.8	85.3	86.5	87.1	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.6
3000	56.7	84.1	86.6	88.0	88.7	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.2	89.3
2500	57.1	84.8	87.7	89.3	90.2	90.2	90.3	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.7	90.8
2000	57.4	86.8	89.7	91.5	92.7	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.2	93.2	93.3	93.4
1800	57.4	87.4	90.1	91.9	93.1	93.1	93.3	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.7	93.8
1500	57.6	88.0	91.2	93.1	94.3	94.5	94.7	94.7	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.3
1200	57.7	88.5	91.7	93.8	95.1	95.5	95.8	95.8	95.8	96.0	96.1	96.1	96.2	96.2	96.3	96.4
1000	57.8	88.6	91.9	94.1	95.5	96.0	96.3	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.8	96.9
900	57.8	88.6	92.1	94.2	95.9	96.3	96.7	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.3
800	57.8	88.8	92.2	94.5	96.2	96.6	97.0	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.5	97.6
700	57.8	88.9	92.5	94.8	96.5	96.9	97.3	97.3	97.3	97.5	97.6	97.6	97.7	97.7	97.8	97.9
600	57.8	89.0	92.8	95.2	97.0	97.4	97.8	97.8	97.8	98.2	98.3	98.3	98.4	98.4	98.5	98.6
500	57.8	89.0	92.8	95.3	97.1	97.6	98.0	98.0	98.0	98.4	98.5	98.5	98.6	98.6	98.7	98.8
400	57.8	89.0	93.0	95.4	97.4	97.8	98.4	98.5	98.5	98.9	99.0	99.0	99.1	99.1	99.2	99.3
300	57.8	89.0	93.0	95.5	97.5	97.9	98.5	98.6	98.6	99.1	99.3	99.3	99.4	99.4	99.5	99.6
200	57.8	89.0	93.0	95.5	97.5	97.9	98.6	98.7	98.7	99.3	99.5	99.5	99.6	99.6	99.7	99.8
100	57.8	89.0	93.0	95.5	97.5	98.0	98.6	98.8	98.8	99.3	99.5	99.5	99.7	99.7	99.8	99.9
0	57.8	89.0	93.0	95.5	97.5	98.0	98.6	98.8	98.8	99.3	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	34.9	46.2	47.5	48.2	48.8	48.9	49.3	49.5	49.6	49.9	49.9	49.9	50.0	50.0	50.1	50.1
≥ 20000	34.8	51.7	53.4	54.3	55.2	55.3	55.7	55.9	56.0	56.3	56.3	56.3	56.3	56.3	56.4	56.4
≥ 18000	35.1	52.1	53.7	54.6	55.5	55.6	56.0	56.2	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.8
≥ 16000	35.4	52.5	54.2	55.1	56.0	5	56.5	56.7	56.8	57.1	57.1	57.1	57.1	57.1	57.2	57.2
≥ 14000	36.2	53.5	55.3	56.2	57.1	57	57.6	57.8	57.9	58.2	58.2	58.2	58.2	58.2	58.3	58.3
≥ 12000	37.9	55.8	57.6	58.6	59.4	59.5	59.9	60.2	60.3	60.6	60.6	60.6	60.6	60.6	60.7	60.7
≥ 10000	39.4	58.6	60.6	61.7	62.5	62.6	63.0	63.2	63.3	63.6	63.6	63.6	63.7	63.7	63.7	63.8
≥ 9000	4	6	62.1	63.2	64.	64.1	64.5	64.7	64.8	65.2	65.2	65.2	65.2	65.2	65.3	65.3
≥ 8000	41.7	63.1	65.2	66.3	67.2	67.3	67.7	67.9	68.0	68.3	68.3	68.3	68.3	68.3	68.4	68.4
≥ 7000	43.3	66.2	68.3	69.5	70.6	70.7	71.1	71.3	71.4	71.7	71.7	71.7	71.7	71.7	71.8	71.9
≥ 6000	44.7	68.9	71.1	72.4	73.5	73.6	74.0	74.3	74.4	74.7	74.7	74.7	74.7	74.7	74.8	74.9
≥ 5000	46.4	72.	74.5	76.0	77.1	77.2	77.6	77.9	78.0	78.3	78.3	78.3	78.3	78.3	78.4	78.5
≥ 4500	47.	73.0	75.7	77.1	78.3	78.4	78.9	79.1	79.2	79.5	79.5	79.5	79.6	79.6	79.7	79.8
≥ 4000	48.4	75.1	77.9	79.4	80.6	80.7	81.2	81.5	81.6	81.9	81.9	81.9	81.9	81.9	82.1	82.2
≥ 3500	49.2	76.5	79.3	81.0	82.2	82.3	82.8	83.1	83.2	83.6	83.6	83.6	83.6	83.6	83.8	83.9
≥ 3000	49.8	78.3	81.4	83.2	84.6	84.7	85.3	85.6	85.7	86.1	86.1	86.1	86.2	86.2	86.3	86.5
≥ 2500	50.4	79.5	82.7	84.5	86.0	86.2	86.7	87.0	87.1	87.5	87.5	87.5	87.6	87.6	87.7	87.9
≥ 2000	50.8	81.1	84.5	86.6	88.2	88.3	88.9	89.2	89.3	89.7	89.7	89.7	89.8	89.8	90.1	90.2
≥ 1800	51.	81.6	85.0	87.2	88.8	88.9	89.5	89.8	89.9	90.4	90.4	90.4	90.4	90.4	90.7	90.8
≥ 1500	51.5	83.0	86.7	89.0	90.7	90.9	91.5	91.9	92.0	92.4	92.4	92.4	92.4	92.4	92.7	92.8
≥ 1200	51.9	84.3	88.3	90.9	92.6	92.9	93.7	94.0	94.1	94.7	94.7	94.7	94.8	94.8	95.1	95.2
≥ 1000	52.	84.5	88.7	91.5	93.3	93.7	94.5	94.9	95.0	95.6	95.6	95.6	95.7	95.7	95.9	96.1
≥ 900	52.	84.7	89.0	91.8	93.9	94.3	95.2	95.6	95.7	96.2	96.2	96.2	96.3	96.3	96.6	96.7
≥ 800	52.	84.9	89.2	92.1	94.2	94.6	95.7	96.0	96.1	96.7	96.7	96.7	96.8	96.8	97.0	97.2
≥ 700	52.	84.9	89.3	92.2	94.4	94.8	95.9	96.2	96.3	96.9	96.9	96.9	97.0	97.0	97.2	97.4
≥ 600	52.	85.2	89.5	92.5	94.8	95.3	96.4	96.8	96.9	97.4	97.4	97.4	97.5	97.5	97.8	97.9
≥ 500	52.	85.2	89.5	92.8	95.2	95.7	97.0	97.4	97.5	98.1	98.1	98.1	98.2	98.2	98.5	98.6
≥ 400	52.	85.2	89.6	92.9	95.6	96.1	97.5	97.8	97.9	98.5	98.6	98.6	98.7	98.7	99.0	99.1
≥ 300	52.	85.2	89.6	92.9	95.6	96.2	97.6	98.0	98.1	98.7	98.8	98.8	98.9	98.9	99.2	99.3
≥ 200	52.	85.2	89.6	92.9	95.6	96.2	97.8	98.1	98.2	98.9	99.0	99.0	99.2	99.2	99.4	99.6
≥ 100	52.	85.2	89.6	92.9	95.6	96.2	97.8	98.1	98.2	98.9	99.0	99.0	99.2	99.2	99.5	99.8
0	52.	85.2	89.6	92.9	95.6	96.2	97.8	98.1	98.2	98.9	99.0	99.0	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	31.8	41.2	42.2	42.9	43.2	43.3	43.5	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	37.4	48.9	50.3	51.2	51.7	51.7	51.9	52.0	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.2
18000	37.6	49.2	50.6	51.6	52.0	52.1	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
16000	38.	49.7	51.1	52.2	52.5	52.5	52.7	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0
14000	39.3	51.4	52.8	53.7	54.3	54.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
12000	41.3	53.7	55.1	56.2	56.7	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3
10000	42.2	56.6	58.0	59.1	59.7	59.7	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
9000	44.2	58.1	59.6	60.7	61.3	61.4	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
8000	46.	60.8	62.4	63.5	64.3	64.4	64.7	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0
7000	48.1	64.2	66.1	67.3	68.2	68.3	68.6	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
6000	49.8	66.5	68.4	69.6	70.7	70.8	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
5000	51.6	69.4	71.5	72.9	74.2	74.3	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
4500	52.2	70.3	72.4	73.9	75.4	75.5	75.8	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2
4000	53.5	72.3	74.5	76.1	77.7	77.8	78.2	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6
3500	54.6	73.7	75.9	77.8	79.4	79.5	79.9	80.0	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3
3000	55.5	75.3	77.6	79.6	81.3	81.4	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
2500	56.6	77.3	79.7	81.8	83.6	83.7	84.3	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8
2000	58.1	80.3	82.9	85.1	87.0	87.1	87.8	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.4
1800	58.3	80.9	83.7	85.8	87.7	87.9	88.5	88.7	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1
1500	59.3	82.7	85.7	88.0	90.0	90.2	90.9	91.1	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.5
1200	59.5	83.8	86.9	89.4	91.5	91.7	92.6	92.8	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.3
1000	59.5	84.2	87.4	90.1	92.3	92.5	93.5	93.7	93.7	94.0	94.0	94.0	94.1	94.1	94.1	94.2
900	59.6	84.7	87.9	90.9	93.3	93.5	94.5	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.4
800	59.6	84.9	88.2	91.3	93.8	94.1	95.2	95.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.3
700	59.7	85.3	88.6	91.8	94.4	94.7	95.8	96.2	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.9
600	59.7	85.5	88.8	92.1	94.9	95.2	96.4	97.0	97.0	97.5	97.7	97.7	97.8	97.8	97.8	97.9
500	59.7	85.6	89.1	92.6	95.4	95.8	97.2	97.8	97.9	98.4	98.6	98.6	98.7	98.7	98.7	98.8
400	59.7	85.7	89.2	92.7	95.8	96.1	97.6	98.3	98.3	99.1	99.3	99.3	99.3	99.3	99.3	99.4
300	59.7	85.7	89.2	92.8	95.8	96.2	97.7	98.4	98.5	99.3	99.5	99.5	99.5	99.6	99.7	99.8
200	59.7	85.7	89.2	92.8	95.8	96.2	97.7	98.4	98.5	99.3	99.5	99.5	99.5	99.6	99.7	99.9
100	59.7	85.7	89.2	92.8	95.8	96.2	97.7	98.4	98.5	99.3	99.5	99.5	99.5	99.6	99.7	99.9
0	59.7	85.7	89.2	92.8	95.8	96.2	97.7	98.4	98.5	99.3	99.5	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	39.3	43.1	43.1	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	47.1	52.2	52.4	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
18000	47.2	52.4	52.6	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
16000	47.7	52.9	53.1	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
14000	48.5	54.7	54.2	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
12000	49.9	55.8	56.0	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
10000	51.8	58.2	58.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
9000	52.9	59.4	59.6	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
8000	54.4	61.0	61.2	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
7000	55.5	63.6	63.9	64.2	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
6000	56.4	64.9	65.2	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
5000	57.8	67.2	67.5	67.9	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
4500	58.5	68.2	68.6	69.0	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
4000	61.1	71.0	71.4	71.8	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
3500	63.1	73.5	73.9	74.4	74.8	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
3000	66.2	77.8	78.3	79.0	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
2500	69.	81.9	82.5	83.2	83.6	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
2000	72.7	86.1	86.7	87.4	87.9	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
1800	72.8	87.4	87.9	88.7	89.2	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
1500	74.1	89.1	90.4	91.2	91.9	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1200	74.2	90.8	91.5	92.5	93.3	93.5	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1000	74.4	91.8	92.5	93.7	94.7	94.9	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
900	74.5	92.1	92.9	94.2	95.3	95.5	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
800	74.6	92.4	93.2	94.7	95.9	96.1	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
700	74.8	92.9	93.7	95.4	96.6	96.8	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
600	74.8	93.2	94.1	96.0	97.4	97.6	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
500	74.8	93.3	94.2	96.2	97.6	97.8	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	74.8	93.4	94.4	96.4	98.0	98.2	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
300	74.8	93.4	94.4	96.4	98.0	98.2	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	74.8	93.4	94.4	96.4	98.0	98.2	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	74.8	93.4	94.4	96.4	98.0	98.2	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	74.8	93.4	94.4	96.4	98.0	98.2	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	37.9	39.9	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000	48.6	51.2	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
AAV 18000	49.1	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
AAV 16000	49.7	52.3	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
AAV 14000	50.8	53.6	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
AAV 12000	52.5	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
AAV 10000	54.7	57.9	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
AAV 9000	55.7	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
AAV 8000	57.	60.4	60.6	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
AAV 7000	58.2	62.1	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
AAV 6000	59.5	63.8	64.0	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
AAV 5000	62.1	66.9	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
AAV 4500	63.7	69.1	69.3	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
AAV 4000	67.1	73.8	74.1	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
AAV 3500	70.7	78.1	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
AAV 3000	75.	83.8	84.3	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
AAV 2500	77.3	87.3	87.8	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
AAV 2000	78.8	89.8	90.5	90.9	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
AAV 1800	79.2	90.6	91.3	91.8	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
AAV 1500	79.9	92.2	93.0	93.5	94.3	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
AAV 1200	81.3	93.3	94.4	95.0	95.5	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
AAV 1000	80.5	93.8	94.9	95.7	96.3	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
AAV 900	80.6	93.9	95.0	96.0	96.7	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AAV 800	80.6	94.0	95.2	96.2	97.1	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
AAV 700	80.6	94.1	95.3	96.5	97.5	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
AAV 600	80.6	94.2	95.4	96.8	98.	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
AAV 500	80.6	94.2	95.5	96.9	98.3	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AAV 400	80.6	94.2	95.5	97.0	98.4	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
AAV 300	80.6	94.2	95.5	97.0	98.4	98.8	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
AAV 200	80.6	94.2	95.5	97.0	98.4	98.8	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
AAV 100	80.6	94.2	95.5	97.0	98.4	98.8	99.3	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
AAV 0	80.6	94.2	95.5	97.0	98.4	98.8	99.3	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION — SMYRNA TENNESSEE/SEWART AFB STATION NAME — 43-45,47,49-66 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	42.	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	54.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	54.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
16000	55.8	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	57.9	57.9
≥ 14000	57.2	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	59.3	59.3
12000	59.1	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 10000	61.3	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
9000	62.2	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	64.1	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
7000	66.1	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	67.1	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
5000	70.4	75.5	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4500	72.1	77.5	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
4000	75.2	81.1	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	77.5	84.5	85.2	85.4	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	79.2	87.1	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	80.9	89.4	90.4	90.7	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2000	81.7	91.5	92.7	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 1800	81.8	91.9	93.1	93.8	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1500	82.1	92.9	94.4	95.4	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 1200	82.1	93.6	95.3	96.6	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
1000	82.2	93.8	95.6	96.9	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 900	82.2	93.9	95.7	97.0	97.4	97.5	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
800	82.2	94.0	95.8	97.1	97.6	97.7	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	82.2	94.0	95.8	97.2	97.7	97.8	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
600	82.2	94.1	95.9	97.4	97.9	98.1	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	82.2	94.2	96.1	97.7	98.3	98.5	99.0	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5
400	82.2	94.2	96.1	97.7	98.4	98.6	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	82.2	94.2	96.1	97.7	98.5	98.8	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
200	82.2	94.2	96.2	97.7	98.5	98.8	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	82.2	94.2	96.2	97.7	98.5	98.8	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
0	82.2	94.2	96.2	97.7	98.5	98.8	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	44.2	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	53.9	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
IVV ≥ 18000	54.2	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 16000	54.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IVV ≥ 14000	55.7	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	57.1	63.6	63.7	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
IVV ≥ 10000	59.7	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	66.9	66.9
≥ 9000	61.2	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
V ≥ 8000	63.1	70.7	70.9	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000	65.7	74.4	74.6	75.1	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IVV ≥ 6000	67.6	76.6	76.8	77.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	69.5	81.3	81.4	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IVV ≥ 4500	71.6	83.0	83.6	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	72.6	85.1	85.7	86.5	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IVV ≥ 3500	73.4	86.5	87.4	88.2	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	73.9	87.6	88.7	89.6	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVV ≥ 2500	74.4	88.9	90.3	91.4	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	74.8	90.4	92.2	93.4	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IVV ≥ 1800	74.8	90.6	92.7	93.9	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	75.0	91.5	94.0	95.3	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IVV ≥ 1200	75.1	92.3	94.8	96.2	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	75.1	92.4	95.0	96.4	97.5	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IVV ≥ 900	75.1	92.5	95.1	96.6	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	75.2	92.7	95.3	96.9	98.0	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IVV ≥ 700	75.2	92.8	95.5	97.1	98.3	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	75.2	92.8	95.6	97.3	98.6	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IVV ≥ 500	75.2	92.9	95.6	97.4	98.8	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	75.2	92.9	95.6	97.4	98.8	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IVV ≥ 300	75.2	92.9	95.6	97.4	98.8	99.0	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	75.2	92.9	95.6	97.4	98.8	99.0	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IVV ≥ 100	75.2	92.9	95.6	97.4	98.8	99.0	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	75.2	92.9	95.6	97.4	98.8	99.0	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.	54.6	54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5
≥ 20000	50.8	61.8	62.1	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.7
18000	51.(	62.1	62.4	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.0
16000	51.5	62.7	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.6
14000	52.2	63.7	64.0	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
12000	53.5	65.5	65.8	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.4
10000	56.1	68.5	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.5
9000	57.3	69.8	70.3	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9
8000	58.6	72.0	72.6	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3
7000	60.3	75.6	76.5	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3
6000	60.8	77.1	78.2	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1
5000	62.7	80.7	82.2	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.4
4500	64.	82.5	84.0	84.9	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6
4000	64.8	84.2	86.1	87.1	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8
3500	65.3	85.4	87.5	88.6	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4
3000	65.7	86.4	88.7	89.8	90.4	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.9
2500	66.	87.4	89.8	91.0	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
2000	66.4	88.7	91.8	93.1	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.3
1800	66.4	89.1	92.3	93.6	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.1
1500	66.5	89.9	93.3	94.8	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.3
1200	66.9	90.5	93.8	95.4	96.3	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2
1000	66.9	90.6	94.0	95.7	96.8	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.7
900	67.(	90.7	94.1	95.9	97.1	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
800	67.(	90.7	94.2	96.0	97.3	97.5	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3
700	67.(	90.7	94.3	96.1	97.4	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
600	67.(	90.8	94.4	96.3	97.7	97.9	98.3	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.9
500	67.(	90.8	94.5	96.4	97.9	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3
400	67.(	90.9	94.7	96.6	98.1	98.4	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7
300	67.(	90.9	94.7	96.6	98.1	98.4	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7
200	67.(	90.9	94.7	96.6	98.1	98.4	99.1	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8
100	67.3	90.9	94.7	96.6	98.1	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
0	67.3	90.9	94.7	96.6	98.1	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1980

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	43.3	64.1	65.7	66.2	66.5	66.8	67.0	67.1	67.1	67.2	67.4	67.4	67.5	67.5	67.6	67.9
≥ 20000	46.9	69.6	71.5	72.0	72.3	72.6	72.8	72.9	72.9	73.0	73.3	73.3	73.3	73.4	73.5	73.8
V|V ≥ 18000	47.0	69.8	71.7	72.2	72.5	72.8	73.0	73.1	73.1	73.2	73.5	73.5	73.5	73.6	73.7	74.0
≥ 16000	47.3	70.1	71.9	72.5	72.8	73.1	73.3	73.4	73.4	73.5	73.8	73.8	73.8	73.9	73.9	74.3
V|V ≥ 14000	48.1	71.7	73.5	74.1	74.4	74.7	75.0	75.1	75.1	75.2	75.4	75.4	75.5	75.5	75.6	76.0
≥ 12000	50.3	74.1	76.0	76.6	76.9	77.2	77.5	77.6	77.6	77.7	77.9	77.9	78.0	78.0	78.1	78.4
V|V ≥ 10000	50.7	75.5	77.3	77.9	78.3	78.5	78.8	78.9	78.9	79.0	79.2	79.2	79.3	79.3	79.4	79.8
≥ 9000	51.1	76.1	78.0	78.6	79.0	79.3	79.5	79.6	79.6	79.7	80.0	80.0	80.0	80.1	80.2	80.5
V|V ≥ 8000	52.1	77.9	80.1	80.7	81.1	81.4	81.6	81.7	81.7	81.9	82.2	82.2	82.2	82.3	82.4	82.7
≥ 7000	52.6	80.2	82.3	83.0	83.4	83.7	84.0	84.1	84.1	84.3	84.5	84.5	84.6	84.6	84.7	85.0
V|V ≥ 6000	53.1	81.3	83.5	84.3	84.7	84.9	85.2	85.3	85.3	85.5	85.7	85.7	85.8	85.8	85.9	86.3
≥ 5000	53.3	82.8	85.1	85.9	86.3	86.6	87.0	87.1	87.1	87.3	87.5	87.5	87.6	87.6	87.8	88.1
V|V ≥ 4500	53.5	83.6	85.9	86.7	87.2	87.5	87.8	88.0	88.0	88.2	88.4	88.4	88.5	88.5	88.7	89.0
≥ 4000	54.1	84.7	87.2	88.0	88.6	88.9	89.2	89.4	89.4	89.6	89.8	89.8	89.9	89.9	90.1	90.4
V|V ≥ 3500	54.2	85.4	88.0	88.8	89.4	89.8	90.1	90.3	90.3	90.6	90.9	90.9	90.9	91.0	91.1	91.4
≥ 3000	54.3	86.3	89.0	89.9	90.6	91.0	91.3	91.5	91.5	91.9	92.2	92.2	92.2	92.3	92.4	92.8
V|V ≥ 2500	54.6	87.4	90.3	91.3	92.0	92.4	92.8	93.0	93.0	93.4	93.6	93.6	93.7	93.7	93.9	94.2
≥ 2000	54.9	88.5	91.5	92.6	93.3	93.7	94.1	94.4	94.4	94.8	95.0	95.0	95.1	95.1	95.3	95.6
V|V ≥ 1800	55.1	88.6	91.6	92.8	93.5	93.9	94.4	94.6	94.6	95.0	95.3	95.3	95.3	95.4	95.5	95.8
≥ 1500	55.1	89.4	92.5	93.8	94.6	95.0	95.5	95.7	95.7	96.1	96.4	96.4	96.4	96.5	96.6	97.0
V|V ≥ 1200	55.1	89.6	92.7	94.1	95.0	95.4	95.8	96.1	96.1	96.6	96.8	96.8	96.9	96.9	97.1	97.4
≥ 1000	55.1	89.8	93.1	94.7	95.6	95.9	96.4	96.7	96.7	97.1	97.4	97.4	97.4	97.5	97.6	97.9
V|V ≥ 900	55.1	89.8	93.2	94.7	95.6	96.0	96.4	96.7	96.7	97.2	97.4	97.4	97.5	97.5	97.7	98.0
≥ 800	55.2	90.0	93.3	95.0	95.9	96.3	96.8	97.1	97.1	97.6	97.8	97.8	97.9	97.9	98.1	98.4
V|V ≥ 700	55.2	90.0	93.3	95.1	96.0	96.4	96.9	97.3	97.3	97.8	98.0	98.0	98.0	98.1	98.2	98.6
≥ 600	55.2	90.0	93.4	95.3	96.2	96.6	97.1	97.5	97.5	98.0	98.2	98.2	98.3	98.3	98.5	98.8
V|V ≥ 500	55.2	90.1	93.5	95.4	96.2	96.6	97.2	97.6	97.6	98.1	98.3	98.3	98.4	98.4	98.6	98.9
≥ 400	55.2	90.1	93.5	95.4	96.3	96.7	97.6	97.9	97.9	98.6	98.9	98.9	98.9	99.0	99.1	99.5
V|V ≥ 300	55.2	90.2	93.5	95.5	96.5	96.9	97.8	98.2	98.2	98.9	99.1	99.1	99.2	99.2	99.4	99.7
≥ 200	55.2	90.2	93.5	95.5	96.5	96.9	97.8	98.2	98.2	98.9	99.2	99.2	99.3	99.3	99.5	99.8
V|V ≥ 100	55.2	90.2	93.5	95.5	96.5	96.9	97.8	98.2	98.2	98.9	99.2	99.2	99.3	99.3	99.5	99.8
0	55.2	90.2	93.5	95.5	96.5	96.9	97.8	98.2	98.2	98.9	99.2	99.2	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2046

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	29.6	48.6	50.8	52.2	54.2	54.3	55.1	55.4	55.4	56.0	56.2	56.2	56.3	56.3	56.6	57.1
≥ 20000	33.8	54.9	57.4	59.1	61.2	61.4	62.2	62.6	62.6	63.2	63.4	63.4	63.6	63.6	64.0	64.5
≥ 18000	34.1	55.4	57.8	59.5	61.6	61.9	62.7	63.0	63.0	63.7	63.9	63.9	64.1	64.1	64.4	65.0
≥ 16000	34.3	55.6	58.1	59.8	61.9	62.2	63.0	63.3	63.3	64.0	64.2	64.2	64.4	64.4	64.7	65.3
≥ 14000	35.1	56.7	59.5	61.2	63.3	63.7	64.5	64.9	64.9	65.5	65.8	65.8	66.0	66.0	66.4	67.0
≥ 12000	35.2	59.1	61.9	63.7	65.8	66.2	67.0	67.4	67.4	68.1	68.3	68.3	68.6	68.6	68.9	69.5
≥ 10000	37.7	61.7	64.8	66.6	68.8	69.1	70.0	70.5	70.5	71.1	71.3	71.3	71.6	71.6	72.0	72.6
≥ 9000	38.6	63.1	66.2	68.0	70.2	70.6	71.4	71.9	71.9	72.5	72.8	72.8	73.0	73.0	73.4	74.0
≥ 8000	39.7	65.2	68.6	70.4	72.6	73.1	73.9	74.4	74.4	75.0	75.3	75.3	75.5	75.5	75.9	76.5
≥ 7000	40.6	67.3	70.8	72.6	74.9	75.3	76.1	76.6	76.6	77.3	77.5	77.5	77.8	77.8	78.1	78.7
≥ 6000	41.4	68.7	72.3	74.2	76.4	76.9	77.8	78.3	78.3	79.0	79.3	79.3	79.6	79.6	80.0	80.5
≥ 5000	42.3	71.1	74.7	76.8	79.0	79.5	80.4	81.1	81.1	81.8	82.1	82.1	82.3	82.3	82.7	83.3
≥ 4500	42.6	71.5	75.3	77.4	79.7	80.2	81.1	81.8	81.8	82.6	82.9	82.9	83.2	83.2	83.6	84.2
≥ 4000	43.3	73.1	76.9	79.0	81.6	82.1	83.0	83.7	83.7	84.5	84.9	84.9	85.2	85.2	85.6	86.2
≥ 3500	43.4	73.7	77.6	79.8	82.4	82.9	83.9	84.5	84.5	85.4	85.8	85.8	86.1	86.1	86.5	87.0
≥ 3000	44.1	74.7	78.7	80.9	83.6	84.2	85.1	85.8	85.8	86.7	87.0	87.0	87.3	87.3	87.7	88.3
≥ 2500	44.6	75.9	80.1	82.4	85.2	85.7	86.7	87.3	87.3	88.2	88.6	88.6	88.9	88.9	89.3	89.9
≥ 2000	44.8	76.9	81.2	83.5	86.3	86.8	87.8	88.5	88.5	89.3	89.7	89.7	90.0	90.0	90.4	91.0
≥ 1800	45.2	77.8	82.2	84.6	87.5	88.1	89.0	89.7	89.7	90.6	91.0	91.0	91.2	91.2	91.6	92.2
≥ 1500	45.3	78.5	82.9	85.5	88.5	89.0	90.0	90.8	90.8	91.7	92.1	92.1	92.4	92.4	92.8	93.3
≥ 1200	45.5	79.3	83.8	86.3	89.4	90.0	91.1	91.9	91.9	92.8	93.2	93.2	93.5	93.5	93.9	94.5
≥ 1000	45.5	79.6	84.3	86.9	90.1	90.7	91.7	92.6	92.6	93.5	93.9	93.9	94.3	94.3	94.7	95.3
≥ 900	45.5	79.8	84.5	87.2	90.6	91.1	92.3	93.2	93.2	94.1	94.5	94.5	94.9	94.9	95.3	95.8
≥ 800	45.6	80.0	84.9	87.6	90.9	91.5	92.8	93.7	93.7	94.8	95.2	95.2	95.5	95.5	95.9	96.5
≥ 700	45.6	80.1	85.0	87.7	91.1	91.7	93.1	94.0	94.0	95.1	95.5	95.5	95.8	95.8	96.2	96.8
≥ 600	45.6	80.3	85.2	87.9	91.4	92.0	93.3	94.4	94.4	95.5	95.8	95.8	96.2	96.2	96.6	97.2
≥ 500	45.6	80.4	85.4	88.2	91.7	92.3	93.8	94.9	94.9	96.0	96.4	96.4	96.7	96.7	97.1	97.7
≥ 400	45.6	80.4	85.4	88.3	91.8	92.5	94.1	95.2	95.2	96.3	96.7	96.7	97.1	97.1	97.5	98.1
≥ 300	45.6	80.4	85.4	88.3	91.9	92.6	94.2	95.4	95.4	96.5	96.9	96.9	97.3	97.3	97.7	98.3
≥ 200	45.6	80.4	85.4	88.4	92.0	92.6	94.3	95.5	95.5	96.7	97.1	97.1	97.7	97.7	98.1	98.7
≥ 100	45.6	80.4	85.4	88.4	92.0	92.7	94.4	95.5	95.5	96.8	97.2	97.2	97.8	97.8	98.3	99.3
0	45.6	80.4	85.4	88.4	92.0	92.7	94.4	95.5	95.5	96.8	97.2	97.2	97.8	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2045

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	34.9	47.3	48.7	49.5	50.0	50.0	50.2	50.3	50.4	50.5	50.6	50.6	50.7	50.7	50.8	50.9
≥ 20000	42.2	57.7	59.4	60.2	60.8	60.9	61.1	61.2	61.3	61.4	61.5	61.5	61.6	61.6	61.7	61.8
18000	42.2	57.7	59.4	60.3	60.9	61.0	61.2	61.3	61.4	61.5	61.5	61.6	61.6	61.7	61.8	61.9
16000	42.3	57.9	59.6	60.5	61.1	61.2	61.4	61.5	61.6	61.7	61.7	61.8	61.8	61.9	62.0	62.1
14000	43.1	59.2	61.0	61.9	62.4	62.5	62.7	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.3	63.4
12000	44.5	61.8	63.6	64.6	65.2	65.3	65.5	65.7	65.8	65.9	65.9	66.0	66.0	66.1	66.2	66.3
10000	46.4	65.1	67.1	68.2	68.9	68.9	69.1	69.3	69.4	69.5	69.6	69.6	69.7	69.7	69.8	70.0
9000	47.4	66.8	68.8	69.9	70.6	70.7	70.9	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.5	71.7
8000	48.8	69.1	71.2	72.6	73.3	73.3	73.6	73.8	73.9	74.0	74.0	74.1	74.1	74.2	74.3	74.4
7000	50.0	70.9	73.1	74.4	75.2	75.3	75.6	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.5
6000	51.1	72.6	74.8	76.2	76.9	77.1	77.5	77.7	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.4
5000	51.8	73.9	76.2	77.7	78.5	78.7	79.1	79.3	79.4	79.6	79.6	79.7	79.7	79.8	79.9	80.0
4500	52.3	74.4	76.8	78.3	79.1	79.4	79.8	80.0	80.0	80.2	80.3	80.3	80.4	80.4	80.5	80.7
4000	53.2	75.7	78.2	79.9	80.7	81.0	81.4	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.2	82.3
3500	53.4	76.1	78.6	80.2	81.2	81.4	82.0	82.2	82.3	82.5	82.5	82.6	82.6	82.7	82.8	82.9
3000	54.5	77.8	80.5	82.2	83.2	83.4	84.2	84.4	84.4	84.6	84.7	84.7	84.8	84.8	84.9	85.1
2500	55.4	79.1	82.0	83.7	84.8	85.1	85.8	86.0	86.1	86.4	86.4	86.5	86.5	86.6	86.7	86.8
2000	56.1	80.7	83.8	85.5	86.8	87.1	88.0	88.2	88.3	88.6	88.6	88.7	88.7	88.8	88.9	89.0
1800	56.2	80.8	84.1	85.8	87.1	87.4	88.3	88.5	88.6	88.9	88.9	88.9	89.0	89.0	89.1	89.3
1500	57.2	82.4	85.9	87.8	89.2	89.5	90.6	90.8	90.9	91.1	91.2	91.2	91.3	91.3	91.4	91.6
1200	57.7	83.8	87.4	89.4	90.9	91.3	92.4	92.6	92.7	93.0	93.0	93.1	93.1	93.2	93.3	93.4
1000	57.8	84.2	87.9	90.2	91.8	92.3	93.5	93.7	93.8	94.1	94.2	94.2	94.3	94.3	94.4	94.6
900	57.8	84.4	88.3	90.7	92.3	92.9	94.0	94.3	94.4	94.7	94.7	94.8	94.8	94.9	95.0	95.1
800	57.9	84.7	88.9	91.4	93.2	93.9	95.1	95.3	95.4	95.7	95.7	95.8	95.8	95.9	96.0	96.1
700	58.1	85.0	89.3	91.9	93.8	94.5	95.7	96.0	96.1	96.4	96.5	96.5	96.6	96.6	96.7	96.9
600	58.3	85.2	89.6	92.2	94.2	94.9	96.1	96.5	96.7	97.0	97.1	97.1	97.2	97.2	97.3	97.5
500	58.4	85.4	89.8	92.6	94.8	95.6	96.9	97.3	97.4	97.8	97.9	97.9	98.0	98.0	98.1	98.3
400	58.6	85.4	89.9	92.7	94.9	95.7	97.1	97.6	97.8	98.2	98.3	98.3	98.4	98.4	98.5	98.7
300	58.6	85.4	89.9	92.7	95.0	95.8	97.3	97.8	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.2
200	58.7	85.4	89.9	92.7	95.0	95.8	97.3	97.8	98.0	98.7	98.9	98.9	99.1	99.1	99.3	99.5
100	58.7	85.4	89.9	92.7	95.0	95.8	97.4	97.9	98.1	98.7	98.9	99.0	99.1	99.2	99.4	99.8
0	58.7	85.4	89.9	92.7	95.0	95.8	97.4	97.9	98.1	98.7	98.9	99.0	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2045

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	41.1	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	49.7	56.7	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
18000	49.9	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
16000	50.3	57.4	57.7	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
14000	51.6	59.1	59.4	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
12000	53.2	60.9	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
10000	55.1	63.7	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
9000	56.2	65.3	65.7	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
8000	57.5	66.9	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
7000	58.4	68.2	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
6000	59.2	69.6	70.1	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
5000	60.5	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	62.1	73.0	73.6	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
4000	64.3	75.9	76.7	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
3500	65.8	77.9	78.7	79.1	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
3000	68.8	81.8	82.7	83.1	83.3	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
2500	71.1	85.3	86.4	86.8	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
2000	73.1	88.7	90.0	90.5	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
1800	73.5	89.4	90.7	91.2	91.4	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1500	74.4	91.1	92.4	92.9	93.2	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
1200	75.1	92.6	94.1	94.8	95.3	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
1000	75.2	93.5	95.1	95.9	96.6	96.9	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
900	75.2	93.7	95.5	96.4	97.1	97.4	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
800	75.3	93.9	95.9	96.8	97.7	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
700	75.3	94.0	96.1	97.0	97.9	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
600	75.4	94.1	96.4	97.3	98.3	98.6	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
500	75.4	94.1	96.4	97.4	98.3	98.7	99.1	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
400	75.4	94.2	96.4	97.5	98.5	98.9	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
300	75.4	94.2	96.4	97.5	98.5	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	75.4	94.2	96.4	97.5	98.5	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	75.4	94.2	96.4	97.5	98.5	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	75.4	94.2	96.4	97.5	98.5	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2045

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	47.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	50.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IVIV 18000	50.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
16000	50.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IVIV 14000	52.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
12000	54.7	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IVIV 10000	56.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
9000	56.8	62.[illegible]	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IVIV 8000	58.2	64.[illegible]	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
7000	59.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IVIV 6000	60.2	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
5000	63.4	70.3	70.4	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
IVIV 4500	65.8	73.2	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
4000	69.6	77.7	77.9	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
IVIV 3500	72.5	81.6	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
3000	76.5	86.7	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IVIV 2500	78.4	89.7	90.1	90.5	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
2000	80.2	92.7	93.3	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IVIV 1800	80.4	93.5	94.1	94.6	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1500	81.1	94.7	95.5	96.0	96.3	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IVIV 1200	81.2	95.3	96.1	96.8	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
1000	81.5	95.7	96.6	97.3	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IVIV 900	81.5	95.7	96.7	97.5	98.3	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
800	81.6	95.9	97.0	97.8	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IVIV 700	81.6	95.9	97.0	97.8	98.8	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	81.7	96.0	97.1	97.8	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IVIV 500	81.7	96.[illegible]	97.1	97.8	99.0	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	81.7	96.[illegible]	97.1	97.8	99.0	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIV 300	81.7	96.0	97.1	97.8	99.0	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	81.7	96.0	97.1	97.8	99.0	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIV 100	81.7	96.0	97.1	97.8	99.0	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	81.7	96.0	97.1	97.8	99.0	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2046

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.1	47.1	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	57.9	61.3	61.6	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
IVIV	58.5	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
18000 16000	58.7	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IVIV	62.4	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
14000 12000	63.2	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IVIV	65.1	70.1	70.4	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
10000 9000	65.9	71.2	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IVIV	68.2	74.1	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
8000 7000	69.3	75.4	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IVIV	70.4	76.9	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
6000 5000	73.7	80.7	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IVIV	75.2	82.7	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
4500 4000	77.6	86.2	86.8	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IVIV	79.3	88.4	89.0	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
3500 3000	81.2	91.2	92.0	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IVIV	82.3	92.8	93.7	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
2500 2000	83.3	94.6	95.7	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IVIV	83.1	94.7	95.8	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1800 1500	83.2	95.2	96.4	97.0	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IVIV	83.5	95.9	97.3	97.8	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1200 1000	83.6	96.2	97.6	98.1	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVIV	83.6	96.3	97.7	98.2	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900 800	83.6	96.3	97.7	98.2	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVIV	83.6	96.3	97.7	98.2	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700 600	83.7	96.3	97.8	98.3	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IVIV	83.7	96.3	97.8	98.3	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500 400	83.7	96.3	97.8	98.3	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IVIV	83.7	96.3	97.8	98.3	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
300 200	83.7	96.3	97.8	98.3	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVIV	83.7	96.3	97.8	98.3	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100 0	83.7	96.3	97.8	98.3	99.4	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2046

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	52.7	57.3	57.8	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
≥ 20000	63.3	69.8	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IMV 18000	63.6	70.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
16000	64.0	70.7	71.2	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
IMV 14000	65.4	72.1	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
12000	67.2	74.2	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
IMV 10000	68.7	76.1	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
9000	69.5	77.3	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IMV 8000	70.6	79.5	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
7000	72.	81.3	82.1	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
IMV 6000	73.2	83.1	83.9	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
5000	75.4	86.0	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IMV 4500	75.7	87.1	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
4000	76.6	88.6	89.8	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IMV 3500	77.2	89.9	91.3	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
3000	77.9	91.3	92.8	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IMV 2500	78.2	92.2	93.8	94.9	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2000	78.6	93.1	94.8	96.0	96.5	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IMV 1800	78.6	93.3	95.0	96.2	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1500	78.6	93.7	95.6	97.1	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IMV 1200	78.7	93.8	95.7	97.4	98.0	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1000	78.7	93.9	96.0	97.8	98.5	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IMV 900	78.7	94.0	96.1	97.8	98.6	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
800	78.7	94.0	96.1	97.8	98.7	98.8	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IMV 700	78.7	94.0	96.1	97.8	98.7	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	78.7	94.0	96.1	97.9	98.8	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IMV 500	78.7	94.1	96.3	98.1	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	78.7	94.1	96.3	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IMV 300	78.7	94.1	96.3	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	78.7	94.1	96.3	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IMV 100	78.7	94.1	96.3	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	78.7	94.1	96.3	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2046

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13327 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	74.2	66.4	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
	79.4	73.3	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
IVIV 18000	79.5	73.5	74.4	74.9	75.1	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
16000	79.8	73.8	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
IVIV 14000	80.7	74.8	75.6	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
12000	83.	77.7	78.6	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IVIV 10000	84.3	79.5	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
9000	84.6	8 .4	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0
IVIV 8000	85.4	82.1	83.3	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
7000	86.8	84.5	85.7	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
IVIV 6000	87.5	85.8	87.1	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
5000	88.6	87.3	88.6	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
IVIV 4500	88.9	88.7	90.2	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
4000	9.4	89.8	91.3	92.2	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
IVIV 3500	89.5	90.4	92.1	93.1	93.5	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
3000	89.8	91.8	93.7	94.8	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
IVIV 2500	89.9	92.2	94.2	95.3	95.7	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
2000	90.	93.1	95.2	96.4	96.9	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
IVIV 1800	90.1	93.2	95.4	96.5	97.1	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
1500	90.1	93.5	95.7	96.9	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IVIV 1200	90.1	93.5	95.7	97.0	97.6	97.7	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
1000	90.1	93.6	96.0	97.4	97.9	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IVIV 900	90.1	93.6	96.0	97.5	98.2	98.4	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
800	90.1	93.7	96.1	97.7	98.5	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
IVIV 700	90.1	93.8	96.2	97.7	98.6	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
600	90.1	93.8	96.3	97.9	98.7	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
IVIV 500	90.1	93.8	96.3	97.9	98.8	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
400	90.1	93.8	96.3	97.9	98.9	99.1	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IVIV 300	90.1	93.8	96.3	97.9	98.9	99.1	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
200	90.1	93.8	96.3	97.9	98.9	99.1	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IVIV 100	90.1	93.8	96.3	97.9	98.9	99.1	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	90.1	93.8	96.3	97.9	98.9	99.1	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2944

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	44.	68.2	70.9	72.1	73.5	73.6	73.6	73.7	73.7	73.9	74.0	74.0	74.1	74.1	74.2	74.2
≥ 20000	46.5	73.	75.9	77.2	78.7	78.8	78.8	78.8	78.9	79.1	79.2	79.2	79.3	79.3	79.4	79.4
18000	46.7	73.2	76.1	77.4	78.9	79.0	79.0	79.1	79.1	79.3	79.4	79.4	79.5	79.5	79.6	79.6
16000	46.9	73.3	76.2	77.6	79.1	79.2	79.2	79.2	79.3	79.5	79.6	79.6	79.6	79.6	79.7	79.7
14000	47.9	74.8	77.7	79.1	80.7	80.8	80.8	80.8	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3
12000	49.1	76.6	79.7	81.0	82.7	82.8	82.8	82.9	82.9	83.1	83.2	83.2	83.3	83.3	83.4	83.4
10000	50.4	79.	82.1	83.4	85.1	85.2	85.2	85.3	85.3	85.5	85.6	85.6	85.7	85.7	85.8	85.8
9000	50.6	80.2	83.4	84.9	86.5	86.6	86.6	86.7	86.7	87.0	87.1	87.1	87.1	87.1	87.2	87.2
8000	51.3	81.8	85.0	86.5	88.2	88.3	88.3	88.3	88.4	88.6	88.7	88.7	88.8	88.8	88.9	88.9
7000	52.1	83.4	86.9	88.4	90.1	90.2	90.2	90.3	90.3	90.5	90.6	90.6	90.7	90.7	90.8	90.8
6000	52.5	84.1	87.8	89.4	91.2	91.3	91.3	91.3	91.4	91.6	91.7	91.7	91.8	91.8	91.9	91.9
5000	53.	85.2	88.9	90.7	92.5	92.7	92.7	92.8	92.8	93.0	93.2	93.2	93.3	93.3	93.4	93.4
4500	53.1	85.9	89.6	91.4	93.1	93.3	93.3	93.4	93.5	93.7	93.8	93.8	93.9	93.9	94.0	94.0
4000	53.4	86.7	90.4	92.2	94.1	94.2	94.2	94.3	94.3	94.5	94.7	94.7	94.8	94.8	94.9	94.9
3500	53.8	87.1	90.8	92.7	94.5	94.7	94.7	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.4	95.4
3000	54.	87.6	91.6	93.6	95.4	95.6	95.6	95.7	95.7	95.9	96.1	96.1	96.2	96.2	96.3	96.3
2500	54.2	88.0	92.2	94.2	96.2	96.4	96.4	96.5	96.5	96.7	96.9	96.9	97.0	97.0	97.1	97.1
2000	54.2	88.3	92.5	94.5	96.5	96.7	96.7	96.8	96.8	97.0	97.2	97.2	97.3	97.3	97.4	97.4
1800	54.3	88.4	92.6	94.7	96.6	96.8	96.8	96.9	97.0	97.2	97.3	97.3	97.5	97.5	97.6	97.6
1500	54.5	88.9	93.2	95.3	97.2	97.5	97.5	97.6	97.6	97.8	98.0	98.0	98.1	98.1	98.2	98.2
1200	54.6	89.2	93.6	95.7	97.7	97.9	97.9	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.6	98.6
1000	54.6	89.2	93.7	95.8	97.8	98.0	98.0	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.7
900	54.6	89.2	93.8	95.9	97.9	98.1	98.1	98.2	98.3	98.5	98.6	98.6	98.7	98.7	98.8	98.8
800	54.6	89.4	93.9	96.1	98.1	98.3	98.3	98.4	98.4	98.6	98.8	98.8	98.9	98.9	99.0	99.0
700	54.6	89.4	93.9	96.1	98.1	98.3	98.3	98.4	98.4	98.6	98.8	98.8	98.9	98.9	99.0	99.0
600	54.6	89.4	94.0	96.1	98.1	98.4	98.4	98.5	98.6	98.9	99.1	99.1	99.2	99.2	99.3	99.3
500	54.6	89.6	94.1	96.2	98.2	98.6	98.6	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.5	99.5
400	54.6	89.6	94.1	96.2	98.2	98.6	98.6	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.5	99.5
300	54.6	89.6	94.1	96.2	98.2	98.6	98.6	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.5	99.5
200	54.6	89.6	94.1	96.2	98.2	98.6	98.6	98.8	98.9	99.2	99.4	99.4	99.5	99.5	99.6	99.7
100	54.6	89.6	94.1	96.2	98.2	98.6	98.6	98.8	98.9	99.2	99.4	99.4	99.5	99.5	99.6	99.7
0	54.6	89.6	94.1	96.2	98.2	98.6	98.6	98.8	98.9	99.3	99.4	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1962

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	28.6	49.5	53.9	56.1	58.8	59.4	60.7	60.9	61.0	61.3	61.5	61.5	61.8	61.9	61.9	62.1
≥ 20000	33.4	57.2	61.9	64.3	67.1	67.8	69.2	69.4	69.5	69.8	70.0	70.0	70.3	70.4	70.4	70.6
18000	33.6	57.5	62.2	64.6	67.4	68.1	69.5	69.7	69.8	70.1	70.3	70.3	70.6	70.7	70.7	70.9
16000	33.9	57.9	62.6	64.9	67.8	68.5	69.9	70.1	70.1	70.4	70.6	70.6	71.0	71.0	71.1	71.3
14000	35.1	59.5	64.2	66.6	69.5	70.1	71.6	71.8	71.8	72.1	72.3	72.3	72.7	72.8	72.8	73.0
12000	36.4	61.4	66.3	68.9	71.9	72.5	74.1	74.3	74.3	74.6	74.8	74.8	75.2	75.3	75.3	75.5
10000	38.4	64.2	69.3	72.1	75.2	75.8	77.4	77.7	77.7	78.0	78.2	78.2	78.6	78.7	78.7	79.0
9000	38.8	65.1	70.0	72.9	76.0	76.7	78.3	78.5	78.6	78.9	79.1	79.1	79.5	79.6	79.6	79.8
8000	39.9	67.1	72.2	75.5	78.5	79.3	80.9	81.2	81.2	81.6	81.8	81.8	82.2	82.3	82.3	82.5
7000	40.8	68.7	74.0	77.3	80.5	81.2	82.9	83.2	83.3	83.6	83.8	83.8	84.3	84.3	84.4	84.6
6000	41.4	69.9	75.6	79.0	82.2	82.9	84.6	84.9	85.0	85.4	85.7	85.7	86.1	86.1	86.2	86.4
5000	42.2	71.9	77.8	81.1	84.5	85.2	87.0	87.4	87.5	88.0	88.2	88.2	88.7	88.7	88.8	89.0
4500	42.5	72.4	78.4	81.8	85.1	85.8	87.6	88.0	88.1	88.6	88.8	88.8	89.3	89.3	89.4	89.6
4000	42.9	73.6	79.7	83.1	86.4	87.2	88.9	89.3	89.4	90.0	90.2	90.2	90.7	90.8	90.8	91.0
3500	43.2	74.3	80.5	83.8	87.2	87.9	89.7	90.1	90.2	90.7	91.0	91.0	91.5	91.5	91.6	91.8
3000	43.4	74.9	81.2	84.6	87.9	88.7	90.5	90.9	91.0	91.6	91.8	91.8	92.4	92.5	92.5	92.8
2500	43.8	75.7	82.0	85.4	88.8	89.6	91.4	91.8	91.9	92.5	92.8	92.8	93.3	93.4	93.4	93.7
2000	44.2	76.6	83.0	86.4	89.8	90.6	92.4	92.8	92.9	93.5	93.7	93.7	94.3	94.3	94.4	94.6
1800	44.2	76.7	83.1	86.5	89.9	90.7	92.5	92.9	93.0	93.6	93.8	93.8	94.4	94.4	94.5	94.8
1500	44.4	77.2	83.7	87.1	90.6	91.4	93.2	93.6	93.7	94.3	94.5	94.5	95.1	95.2	95.2	95.5
1200	44.6	77.8	84.5	88.0	91.6	92.4	94.2	94.6	94.8	95.4	95.6	95.6	96.2	96.2	96.3	96.5
1000	44.8	78.1	84.9	88.5	92.2	92.9	94.8	95.2	95.3	95.9	96.1	96.1	96.7	96.7	96.8	97.1
900	44.8	78.2	85.0	88.7	92.4	93.2	95.0	95.4	95.5	96.1	96.4	96.4	96.9	97.0	97.0	97.3
800	44.8	78.3	85.2	88.9	92.6	93.4	95.3	95.7	95.8	96.4	96.7	96.7	97.2	97.3	97.3	97.7
700	44.8	78.3	85.3	89.0	92.7	93.5	95.4	95.8	95.9	96.5	96.8	96.8	97.3	97.4	97.5	97.8
600	44.8	78.3	85.3	89.1	92.9	93.7	95.6	96.1	96.2	96.8	97.1	97.1	97.7	97.8	97.8	98.2
500	44.8	78.4	85.6	89.5	93.2	94.1	96.1	96.6	96.7	97.3	97.7	97.7	98.3	98.3	98.4	98.8
400	44.8	78.4	85.6	89.5	93.3	94.2	96.2	96.6	96.7	97.5	97.8	97.8	98.4	98.4	98.5	98.9
300	44.8	78.4	85.6	89.5	93.3	94.2	96.2	96.7	96.8	97.6	97.9	97.9	98.5	98.5	98.6	99.1
200	44.8	78.4	85.6	89.6	93.3	94.2	96.3	96.8	96.9	97.7	98.0	98.0	98.7	98.7	98.8	99.4
100	44.8	78.4	85.6	89.6	93.4	94.3	96.3	96.8	97.0	97.7	98.0	98.1	98.7	98.8	98.8	99.5
0	44.8	78.4	85.6	89.6	93.4	94.3	96.3	96.8	97.0	97.7	98.0	98.1	98.7	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1962

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C600-C800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	54.5	49.7	51.6	53.1	54.4	54.7	55.0	55.2	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.7
≥ 20000	42.7	60.6	62.6	64.1	65.5	65.8	66.2	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.8
VIV ≥ 18000	43.2	61.1	63.1	64.6	66.3	66.3	66.7	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.3
≥ 16000	43.6	61.6	63.6	65.1	66.5	66.8	67.2	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.8
VIV ≥ 14000	44.8	63.0	65.1	66.7	68.1	68.4	68.8	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.4
≥ 12000	45.7	64.4	66.6	68.2	69.8	70.2	70.5	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.2
VIV ≥ 10000	48.3	68.0	70.4	72.3	73.9	74.4	74.7	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.4
≥ 9000	48.8	68.9	71.3	73.3	74.9	75.3	75.7	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.4
VIV ≥ 8000	50.4	71.6	74.0	76.0	77.6	78.1	78.5	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.2
≥ 7000	51.4	73.1	75.7	77.8	79.5	79.9	80.4	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	81.0
VIV ≥ 6000	51.9	74.1	77.0	79.2	80.8	81.3	81.9	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.7
≥ 5000	52.8	76.1	79.2	81.4	83.2	83.7	84.3	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	85.1
VIV ≥ 4500	53.3	76.7	79.8	82.0	83.7	84.3	84.8	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.7
≥ 4000	53.6	78.0	81.1	83.4	85.1	85.6	86.2	86.6	86.6	86.8	86.8	86.9	87.0	87.0	87.0	87.2
VIV ≥ 3500	53.9	78.4	81.5	83.8	85.6	86.1	86.7	87.1	87.2	87.3	87.3	87.4	87.5	87.5	87.5	87.7
≥ 3000	54.3	79.3	82.4	84.8	86.6	87.1	87.7	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.6
VIV ≥ 2500	55.2	80.8	84.0	86.4	88.2	88.7	89.4	89.8	89.8	90.0	90.0	90.1	90.2	90.2	90.2	90.4
≥ 2000	56.1	81.8	85.1	87.7	89.4	90.0	90.6	91.0	91.1	91.3	91.3	91.3	91.5	91.5	91.5	91.7
VIV ≥ 1800	56.2	82.1	85.4	88.1	90.0	90.5	91.1	91.5	91.6	91.8	91.8	91.8	92.0	92.0	92.0	92.2
≥ 1500	56.9	83.5	87.0	89.8	91.8	92.3	93.0	93.5	93.5	93.7	93.7	93.8	93.9	93.9	93.9	94.1
VIV ≥ 1200	57.5	84.6	88.1	90.9	93.1	93.7	94.4	94.9	95.0	95.2	95.2	95.2	95.4	95.4	95.4	95.6
≥ 1000	57.7	85.3	88.9	91.8	94.2	94.8	95.5	96.0	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.6
VIV ≥ 900	57.8	85.5	89.2	92.3	94.6	95.2	95.9	96.4	96.4	96.6	96.6	96.7	96.9	96.9	96.9	97.1
≥ 800	57.8	85.8	89.7	92.8	95.2	95.7	96.5	97.0	97.0	97.2	97.2	97.3	97.5	97.5	97.5	97.7
VIV ≥ 700	58.0	86.0	90.0	93.0	95.4	96.0	96.8	97.3	97.3	97.6	97.6	97.6	97.8	97.8	97.8	98.0
≥ 600	58.1	86.1	90.2	93.5	96.0	96.5	97.5	97.9	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.6
VIV ≥ 500	58.1	86.1	90.3	93.7	96.3	96.9	98.0	98.4	98.5	98.7	98.7	98.8	99.0	99.0	99.0	99.2
≥ 400	58.1	86.1	90.5	93.9	96.5	97.1	98.2	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.5
VIV ≥ 300	58.1	86.1	90.5	93.9	96.5	97.1	98.2	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.6
≥ 200	58.1	86.1	90.5	93.9	96.5	97.1	98.2	98.8	98.9	99.1	99.1	99.2	99.4	99.4	99.5	99.9
VIV 100	58.0	86.1	90.5	93.9	96.5	97.1	98.2	98.8	98.9	99.1	99.1	99.2	99.4	99.4	99.5	99.9
0	58.1	86.1	90.5	93.9	96.5	97.1	98.2	98.8	98.9	99.1	99.1	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1962

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	41.	49.3	49.5	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	49.6	59.2	59.4	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
18000	50.2	59.8	60.0	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
16000	50.6	60.2	60.4	60.9	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	52.2	62.3	62.2	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
12000	53.9	64.4	64.7	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
10000	56.1	67.1	67.4	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
9000	56.7	68.(	68.2	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
8000	57.8	69.7	70.0	70.6	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
7000	58.5	70.5	71.0	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
6000	58.8	71.3	71.8	72.4	73.(	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
5000	60.6	73.8	74.2	75.1	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
4500	61.6	75.(	75.4	76.3	77.(	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
4000	63.9	77.8	78.2	79.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
3500	66.6	81.9	81.4	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
3000	69.6	84.4	85.0	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2500	71.8	87.2	87.9	88.8	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2000	73.8	90.1	90.8	91.8	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
1800	74.2	90.8	91.5	92.6	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
1500	75.5	92.9	93.9	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1200	76.1	94.1	95.2	96.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
1000	76.1	94.5	95.7	97.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
900	76.1	94.8	95.9	97.4	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
800	76.2	94.9	96.1	97.6	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
700	76.2	95.0	96.2	97.7	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
600	76.2	95.0	96.2	97.8	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
500	76.2	95.1	96.3	97.9	99.0	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
400	76.2	95.1	96.3	97.9	99.0	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
300	76.2	95.1	96.3	97.9	99.0	99.3	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
200	76.2	95.1	96.3	97.9	99.0	99.3	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
100	76.2	95.1	96.3	97.9	99.0	99.3	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
0	76.2	95.1	96.3	97.9	99.0	99.3	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1962

1 10WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	40.5	44.8	44.8	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	51.1	56.2	56.3	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	51.5	56.6	56.7	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	51.7	56.9	57.0	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	53.1	58.2	58.3	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	54.7	60.7	60.8	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	56.1	62.5	62.6	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 9000	56.8	63.6	63.8	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	58.3	65.6	65.9	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 7000	58.8	66.1	66.4	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 6000	59.3	67.0	67.3	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	62.1	70.7	71.1	71.6	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	64.3	73.1	73.6	74.1	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	70.5	8 .1	80.7	81.2	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	74.3	84.6	85.2	85.7	86.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	77.7	88.7	89.3	90.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	80.3	91.7	92.4	93.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	81.2	93.1	93.9	94.5	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	81.4	93.4	94.4	95.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1500	81.8	94.4	95.6	96.3	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	82.0	94.7	95.9	96.7	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1000	82.1	95.1	96.4	97.2	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	82.1	95.2	96.4	97.3	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	82.1	95.3	96.5	97.5	98.7	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	82.3	95.5	96.8	97.8	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	82.3	95.6	96.9	97.9	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	82.3	95.6	96.9	97.9	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	82.3	95.6	96.9	97.9	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	82.3	95.6	96.9	97.9	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	82.3	95.6	96.9	97.9	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	82.3	95.6	96.9	97.9	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
0	82.3	95.6	96.9	97.9	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1962

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.6	50.7	50.7	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	58.8	64.9	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
18000	59.1	65.3	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
16000	59.4	65.6	65.6	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
14000	60.9	67.4	67.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
12000	63.2	70.3	70.4	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
10000	65.2	73.2	73.4	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
9000	66.3	74.6	74.8	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
8000	68.1	76.8	76.9	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
7000	69.2	78.4	78.7	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
6000	70.2	79.6	79.9	80.3	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
5000	72.8	82.6	82.9	83.3	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
4500	73.7	83.9	84.3	84.8	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
4000	75.9	87.3	87.7	88.5	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
3500	78.5	90.4	90.9	91.7	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
3000	79.8	92.4	92.9	93.7	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
2500	80.9	93.9	94.5	95.4	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
2000	81.3	94.8	95.5	96.3	97.2	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
1800	81.5	95.0	95.7	96.6	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
1500	81.5	95.3	96.0	96.9	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
1200	81.5	95.4	96.2	97.1	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
1000	81.5	95.6	96.4	97.3	98.5	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0
900	81.6	95.7	96.6	97.6	98.8	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4
800	81.6	95.8	96.7	97.7	98.9	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
700	81.6	95.8	96.8	97.8	99.1	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8
600	81.6	95.8	96.8	97.8	99.1	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9
500	81.6	95.8	96.8	97.8	99.1	99.2	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9
400	81.6	95.8	96.8	97.8	99.1	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
300	81.6	95.8	96.8	97.9	99.2	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
200	81.6	95.8	96.8	97.9	99.2	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
100	81.6	95.8	96.8	97.9	99.2	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0
0	81.6	95.8	96.8	97.9	99.2	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1962

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	49.7	56.9	57.3	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	62.2	71.5	72.0	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	62.3	71.7	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	62.8	72.2	72.7	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	64.3	74.0	74.5	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	65.9	76.9	77.4	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	68.0	80.0	80.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	68.8	81.3	82.1	83.1	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 8000	70.6	83.5	84.4	85.5	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	71.7	85.3	86.3	87.3	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	72.3	86.4	87.3	88.6	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	73.3	88.5	89.6	90.9	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	73.6	89.1	90.3	91.6	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	74.3	90.2	91.4	92.8	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	75.2	91.7	92.9	94.4	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	75.6	92.8	94.0	95.6	96.1	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	75.8	93.4	94.7	96.2	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	76.0	93.9	95.4	96.9	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	76.1	94.0	95.6	97.1	97.8	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	76.2	94.2	95.8	97.4	98.2	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	76.2	94.2	95.8	97.5	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	76.3	94.3	95.9	97.6	98.5	98.7	98.9	99.1	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 900	76.3	94.3	95.9	97.6	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 800	76.4	94.5	96.1	97.8	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	76.4	94.5	96.1	97.9	98.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 600	76.4	94.5	96.1	97.9	98.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	76.4	94.6	96.2	97.9	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	76.4	94.6	96.2	98.0	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 300	76.4	94.7	96.3	98.1	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	76.4	94.7	96.3	98.1	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	76.4	94.7	96.3	98.1	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	76.4	94.7	96.3	98.1	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1959

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	49.6	67.8	69.4	69.9	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	56.1	75.8	77.6	78.3	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
18000	56.4	76.3	78.1	78.9	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
16000	56.7	76.7	78.5	79.2	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1
14000	57.7	78.0	79.8	80.5	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
12000	59.0	80.3	82.4	83.1	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
10000	60.	82.5	84.8	85.5	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
9000	60.7	83.7	86.0	86.8	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
8000	61.5	85.4	87.7	88.6	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
7000	62.2	87.0	89.4	90.3	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
6000	62.8	88.3	90.7	91.6	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8
5000	63.4	89.8	92.2	93.2	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
4500	63.6	90.3	92.7	93.7	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0
4000	64.1	91.4	93.9	94.9	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3
3500	64.4	92.	94.5	95.5	96.6	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
3000	64.5	92.2	94.8	96.0	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
2500	64.5	92.6	95.1	96.4	97.5	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
2000	64.6	93.0	95.7	96.9	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
1800	64.6	93.1	95.8	97.0	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
1500	64.9	93.4	96.2	97.4	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
1200	64.9	93.5	96.3	97.7	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	65.0	93.5	96.3	97.7	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
900	65.	93.6	96.4	97.8	99.0	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
800	65.	93.6	96.4	97.8	99.0	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700	65.	93.6	96.4	97.8	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
600	65.	93.6	96.4	97.8	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	65.	93.6	96.4	97.8	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	65.	93.7	96.5	97.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	65.	93.7	96.5	97.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	65.	93.7	96.5	97.9	99.2	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
100	65.	93.7	96.5	97.9	99.2	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	65.	93.7	96.5	97.9	99.2	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1958

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	37.4	65.7	71.0	71.4	72.9	73.1	73.5	73.7	73.7	73.8	73.8	73.8	74.0	74.0	74.0	74.0
≥ 20000	40.9	71.4	75.9	77.5	79.0	79.2	79.6	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1
18000	41.1	71.6	76.1	77.7	79.2	79.4	79.8	80.0	80.0	80.1	80.1	80.1	80.3	80.3	80.3	80.3
16000	41.2	71.9	76.3	77.9	79.5	79.7	80.1	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6
14000	42.1	73.1	77.5	79.1	80.6	80.8	81.3	81.5	81.5	81.6	81.6	81.6	81.8	81.8	81.8	81.8
12000	43.9	76.7	81.4	82.9	84.5	84.7	85.1	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6
10000	45.5	79.2	83.9	85.5	87.0	87.4	87.8	88.0	88.0	88.1	88.1	88.1	88.3	88.3	88.3	88.3
9000	45.9	80.1	84.9	86.5	88.0	88.3	88.7	88.9	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.2
8000	46.5	81.5	86.4	88.0	89.6	89.9	90.3	90.5	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8
7000	46.6	82.1	87.2	88.8	90.3	90.6	91.0	91.2	91.2	91.3	91.3	91.3	91.6	91.6	91.6	91.6
6000	46.7	82.7	87.8	89.4	90.9	91.2	91.7	91.9	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2
5000	47.2	84.0	89.3	90.9	92.4	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.7	93.7	93.7	93.7
4500	47.3	84.2	89.5	91.1	92.7	93.0	93.4	93.7	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.0
4000	47.6	84.7	90.1	91.7	93.3	93.7	94.1	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6
3500	47.7	85.6	90.9	92.5	94.2	94.5	94.9	95.1	95.1	95.2	95.2	95.2	95.4	95.4	95.4	95.4
3000	47.9	86.3	91.7	93.3	95.0	95.3	95.7	95.9	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2
2500	48.1	86.9	92.5	94.1	95.9	96.2	96.6	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1
2000	48.2	87.6	93.1	94.8	96.6	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9
1800	48.2	87.7	93.2	94.9	96.7	97.1	97.5	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
1500	48.2	88.1	93.6	95.3	97.1	97.5	97.9	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4
1200	48.2	88.4	94.0	95.7	97.5	97.9	98.3	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8
1000	48.2	88.6	94.2	95.9	97.7	98.1	98.5	98.7	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
900	48.2	88.6	94.3	96.0	97.8	98.2	98.6	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
800	48.3	88.8	94.4	96.1	98.0	98.3	98.7	98.9	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3
700	48.3	88.8	94.5	96.2	98.0	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
600	48.3	88.8	94.5	96.2	98.1	98.4	98.8	99.1	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5
500	48.3	88.9	94.6	96.4	98.2	98.6	99.0	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
400	48.3	88.9	94.6	96.4	98.3	98.6	99.0	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
300	48.3	88.9	94.6	96.5	98.3	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
200	48.3	88.9	94.6	96.5	98.3	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8
100	48.3	88.9	94.6	96.5	98.3	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8
0	48.3	88.9	94.6	96.5	98.3	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	25.9	49.7	54.2	57.1	60.5	61.4	62.9	63.6	63.7	64.8	65.0	65.2	65.5	65.5	65.6	65.9
≥ 20000	29.9	56.4	61.1	64.2	67.6	68.5	70.3	71.1	71.2	72.2	72.5	72.6	73.0	73.1	73.2	73.5
18000	29.9	56.5	61.2	64.4	67.8	68.7	70.4	71.2	71.3	72.4	72.6	72.8	73.1	73.2	73.3	73.6
16000	30.1	56.7	61.4	64.5	67.9	68.9	70.6	71.4	71.5	72.5	72.8	73.0	73.3	73.4	73.5	73.8
14000	30.7	57.7	62.4	65.7	69.2	70.1	71.8	72.6	72.7	73.9	74.1	74.3	74.6	74.7	74.8	75.1
12000	32.1	60.7	66.0	69.4	72.8	73.8	75.5	76.3	76.4	77.6	77.8	78.0	78.3	78.4	78.5	78.8
10000	33.6	63.9	69.4	72.8	76.3	77.3	79.0	79.9	80.0	81.2	81.5	81.6	81.9	82.0	82.1	82.5
9000	34.1	64.9	70.4	74.0	77.6	78.5	80.3	81.1	81.2	82.4	82.7	82.9	83.2	83.3	83.4	83.8
8000	34.9	66.9	72.6	76.4	79.9	80.9	82.6	83.5	83.6	84.8	85.0	85.2	85.6	85.7	85.8	86.1
7000	35.2	67.5	73.2	77.0	80.6	81.6	83.3	84.1	84.2	85.5	85.8	86.0	86.3	86.4	86.5	86.8
6000	35.7	68.5	74.3	78.1	81.7	82.7	84.4	85.2	85.3	86.6	86.9	87.1	87.4	87.5	87.6	88.0
5000	36.3	69.9	75.8	79.7	83.4	84.4	86.2	87.0	87.1	88.4	88.6	88.8	89.1	89.2	89.3	89.7
4500	36.5	70.6	76.5	80.5	84.2	85.1	86.9	87.8	87.9	89.1	89.4	89.6	89.9	90.0	90.1	90.5
4000	36.6	71.1	77.0	81.0	84.8	85.8	87.6	88.4	88.5	89.9	90.1	90.3	90.6	90.7	90.8	91.2
3500	36.8	71.7	77.8	81.8	85.6	86.6	88.4	89.2	89.3	90.6	90.9	91.1	91.4	91.5	91.6	92.0
3000	37.1	72.8	78.9	83.0	86.8	87.8	89.6	90.4	90.5	91.9	92.1	92.3	92.6	92.7	92.8	93.2
2500	37.4	73.5	79.7	83.8	87.6	88.6	90.4	91.2	91.3	92.6	92.9	93.1	93.4	93.5	93.6	94.0
2000	37.4	74.1	80.5	84.6	88.5	89.4	91.2	92.1	92.2	93.5	93.8	94.0	94.3	94.4	94.5	94.8
1800	37.6	74.4	80.8	84.9	88.7	89.7	91.5	92.3	92.4	93.8	94.0	94.2	94.5	94.6	94.7	95.1
1500	37.8	75.1	81.6	85.8	89.6	90.6	92.4	93.2	93.3	94.6	94.9	95.1	95.4	95.5	95.6	96.0
1200	38.0	76.1	82.7	86.9	90.7	91.8	93.6	94.5	94.6	95.9	96.2	96.4	96.7	96.8	96.9	97.2
1000	38.0	76.5	83.2	87.4	91.3	92.3	94.3	95.1	95.2	96.6	96.8	97.0	97.3	97.4	97.5	97.9
900	38.2	76.6	83.4	87.6	91.4	92.5	94.4	95.3	95.4	96.7	97.0	97.2	97.5	97.6	97.7	98.1
800	38.3	76.7	83.5	87.7	91.6	92.6	94.6	95.5	95.6	97.0	97.2	97.4	97.7	97.8	98.0	98.3
700	38.3	76.8	83.6	87.8	91.8	92.8	94.8	95.6	95.8	97.1	97.4	97.6	97.9	98.0	98.1	98.5
600	38.4	76.8	83.7	87.9	91.9	92.9	94.9	95.7	95.9	97.2	97.5	97.7	98.0	98.1	98.2	98.6
500	38.4	76.8	83.7	87.9	91.9	92.9	94.9	95.8	96.0	97.3	97.6	97.8	98.1	98.2	98.3	98.7
400	38.4	76.9	83.7	87.9	91.9	92.9	95.0	95.9	96.0	97.4	97.6	97.8	98.2	98.3	98.4	98.7
300	38.4	76.9	83.7	88.0	92.0	93.0	95.0	95.9	96.1	97.4	97.7	97.9	98.2	98.3	98.4	98.8
200	38.4	76.9	83.7	88.0	92.0	93.0	95.0	95.9	96.1	97.5	97.7	98.0	98.3	98.4	98.6	99.2
100	38.5	76.9	83.7	88.0	92.0	93.0	95.1	96.0	96.1	97.5	97.8	98.0	98.4	98.5	98.7	99.4
0	38.5	76.9	83.7	88.0	92.0	93.0	95.1	96.0	96.1	97.5	97.8	98.0	98.4	98.5	98.8	100.0

TOTAL NUMBER OF O. SERVATIONS 1952

1210WS FORM JUL 64 0-11-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	39.5	46.1	48.5	50.8	52.0	52.7	53.6	53.8	53.8	54.1	54.1	54.2	54.3	54.3	54.5	54.8
≥ 20000	37.4	55.7	58.2	60.9	62.2	63.2	64.0	64.1	64.2	64.5	64.6	64.7	64.8	64.8	65.0	65.3
18000	37.5	55.8	58.5	61.1	62.5	63.2	64.2	64.4	64.5	64.8	64.9	64.9	65.1	65.1	65.2	65.6
16000	37.6	56.1	58.7	61.4	62.7	63.5	64.5	64.6	64.7	65.0	65.1	65.2	65.4	65.4	65.5	65.8
14000	39.0	58.0	61.0	63.8	65.1	65.9	66.8	67.0	67.1	67.4	67.5	67.6	67.7	67.7	67.9	68.2
12000	41.2	61.7	64.9	67.9	69.2	70.0	71.0	71.2	71.3	71.6	71.7	71.8	71.9	71.9	72.1	72.4
10000	43.4	65.2	68.6	71.8	73.2	74.0	75.0	75.1	75.2	75.6	75.7	75.8	75.9	75.9	76.1	76.4
9000	43.9	66.1	69.6	72.8	74.2	75.0	76.1	76.3	76.4	76.7	76.8	76.9	77.0	77.0	77.2	77.5
8000	45.1	68.2	71.9	75.1	76.6	77.4	78.5	78.7	78.8	79.1	79.2	79.3	79.4	79.4	79.6	79.9
7000	45.9	69.8	73.6	76.9	78.4	79.2	80.3	80.5	80.6	80.9	81.1	81.1	81.3	81.3	81.4	81.8
6000	46.3	70.8	74.6	78.1	79.7	80.5	81.6	81.8	81.9	82.2	82.4	82.4	82.6	82.6	82.7	83.0
5000	47.3	72.2	76.3	79.9	81.6	82.4	83.6	83.8	83.9	84.2	84.4	84.4	84.6	84.6	84.7	85.0
4500	47.5	72.7	76.9	80.5	82.2	83.0	84.2	84.4	84.5	84.8	85.0	85.0	85.2	85.2	85.3	85.6
4000	47.9	73.6	77.9	81.5	83.2	84.0	85.2	85.4	85.5	85.8	86.0	86.0	86.2	86.2	86.3	86.6
3500	48.6	75.0	79.2	83.0	84.7	85.5	86.7	86.9	87.0	87.3	87.5	87.5	87.7	87.7	87.9	88.2
3000	49.1	75.8	80.1	83.8	85.5	86.4	87.6	87.8	87.9	88.2	88.4	88.4	88.6	88.6	88.8	89.1
2500	49.5	76.3	80.6	84.5	86.3	87.1	88.4	88.7	88.8	89.1	89.2	89.3	89.5	89.5	89.6	90.0
2000	49.9	77.5	81.9	85.8	87.6	88.4	89.7	90.0	90.1	90.4	90.6	90.6	90.8	90.8	91.0	91.3
1800	50.1	77.8	82.2	86.1	88.0	88.8	90.2	90.4	90.5	90.8	91.0	91.0	91.2	91.2	91.4	91.7
1500	50.8	79.5	83.9	88.0	90.1	90.9	92.2	92.5	92.6	92.9	93.0	93.1	93.3	93.3	93.4	93.7
1200	51.6	80.9	85.3	89.6	91.8	92.6	94.0	94.2	94.3	94.6	94.8	94.8	95.0	95.0	95.2	95.5
1000	52.1	82.1	86.5	90.9	93.1	94.0	95.4	95.6	95.7	96.1	96.2	96.3	96.5	96.5	96.6	96.9
900	52.1	82.4	86.9	91.3	93.6	94.4	95.9	96.2	96.3	96.6	96.7	96.8	97.0	97.0	97.1	97.4
800	52.4	82.8	87.4	91.9	94.3	95.1	96.6	96.9	97.0	97.3	97.5	97.5	97.7	97.7	97.9	98.2
700	52.4	82.9	87.6	92.2	94.5	95.4	96.9	97.2	97.3	97.7	97.9	97.9	98.2	98.2	98.4	98.7
600	52.4	83.1	87.8	92.6	94.9	95.8	97.3	97.6	97.7	98.2	98.3	98.4	98.6	98.6	98.8	99.1
500	52.4	83.1	87.9	92.7	95.1	96.0	97.5	97.8	97.9	98.3	98.5	98.5	98.7	98.7	98.9	99.2
400	52.4	83.2	88.0	92.7	95.2	96.1	97.7	98.1	98.2	98.6	98.7	98.8	99.0	99.0	99.2	99.6
300	52.4	83.2	88.0	92.7	95.2	96.1	97.8	98.1	98.2	98.6	98.8	98.8	99.0	99.1	99.3	99.6
200	52.4	83.2	88.0	92.7	95.2	96.1	97.8	98.1	98.2	98.6	98.8	98.9	99.2	99.2	99.4	99.8
100	52.4	83.2	88.0	92.7	95.2	96.1	97.8	98.1	98.2	98.6	98.9	99.0	99.2	99.3	99.5	99.9
0	52.4	83.2	88.0	92.7	95.2	96.1	97.8	98.1	98.2	98.6	98.9	99.0	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1951

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	34.9	44.5	45.5	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
≥ 20000	43.[illegible]	54.8	55.9	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
18000	43.1	55.1	56.2	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
16000	43.5	55.7	56.7	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
14000	44.7	57.5	58.6	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
12000	47.3	60.8	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
10000	49.4	64.[illegible]	65.7	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
9000	50.2	65.3	66.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
8000	51.6	67.3	68.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
7000	52.8	69.1	70.4	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
6000	53.3	69.9	71.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
5000	54.1	71.1	72.5	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
4500	54.8	72.2	73.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
4000	56.2	74.2	75.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
3500	58.2	76.8	78.2	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
3000	62.5	81.8	83.4	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
2500	64.5	84.8	86.6	88.0	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
2000	67.1	88.4	90.2	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
1800	67.7	89.2	91.1	93.0	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
1500	69.3	92.2	94.2	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
1200	69.8	93.2	95.2	97.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1000	70.1	93.9	95.9	98.1	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
900	70.2	94.1	96.1	98.3	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
800	70.2	94.2	96.2	98.5	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
700	70.2	94.3	96.4	98.6	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
600	70.2	94.3	96.4	98.6	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	70.2	94.3	96.4	98.6	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	70.2	94.4	96.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
300	70.2	94.4	96.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
200	70.2	94.4	96.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
100	70.2	94.4	96.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
0	70.2	94.4	96.4	98.7	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1951

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	32.9	40.2	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	44.2	52.7	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IVIV 18000	44.4	52.8	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
16000	44.7	53.3	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IVIV 14000	46.1	54.8	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
12000	48.1	57.3	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IVIV 10000	50.7	60.5	61.2	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	51.3	61.3	62.1	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
IVIV 8000	52.4	62.9	63.7	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
7000	52.9	64.1	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IVIV 6000	53.3	64.5	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
5000	56.4	68.7	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IVIV 4500	58.2	70.9	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
4000	63.7	78.0	79.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IVIV 3500	66.4	82.4	83.6	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
3000	71.3	88.3	89.7	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
IVIV 2500	73.8	92.1	93.6	94.3	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
2000	75.5	94.4	96.1	96.9	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
IVIV 1800	75.6	94.8	96.5	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
1500	76.1	95.5	97.2	98.1	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
IVIV 1200	76.1	95.8	97.4	98.3	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
1000	76.1	95.8	97.5	98.4	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
IVIV 900	76.1	95.8	97.5	98.5	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
800	76.2	96.0	97.9	98.8	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8
IVIV 700	76.2	96.1	98.0	98.9	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
600	76.2	96.1	98.0	98.9	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
IVIV 500	76.2	96.1	98.0	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
400	76.2	96.1	98.0	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
IVIV 300	76.2	96.1	98.0	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
200	76.2	96.1	98.0	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
IVIV 100	76.2	96.1	98.0	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	76.2	96.1	98.0	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1953

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	39.5	46.4	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	56.1	65.2	65.5	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
18000	56.3	65.2	65.7	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
16000	57.1	66.1	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
14000	58.6	67.8	68.3	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
12000	62.2	72.0	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
10000	63.9	74.5	75.2	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
9000	64.5	75.6	76.3	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
8000	64.9	76.5	77.3	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
7000	65.7	77.7	78.5	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
6000	66.7	79.1	79.9	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
5000	69.7	82.7	83.6	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
4500	70.6	84.0	84.8	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
4000	73.3	88.2	89.2	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
3500	75.1	90.3	91.3	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
3000	77.	93.4	94.5	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
2500	78.2	95.1	96.3	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
2000	78.5	95.7	97.1	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1800	78.5	95.7	97.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1500	79.	96.3	97.7	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
1200	79.3	96.4	97.8	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
1000	79.3	96.5	97.9	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	79.3	96.5	97.9	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
800	79.1	96.5	98.0	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	79.1	96.6	98.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
600	79.1	96.6	98.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
500	79.1	96.6	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	79.1	96.6	98.1	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
300	79.1	96.6	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
200	79.1	96.6	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
100	79.1	96.6	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	79.1	96.6	98.1	99.	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1952

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.	53.	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 20000	59.5	71.5	73.0	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
18000	59.8	71.7	73.2	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
16000	60.2	72.1	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
14000	61.8	74.3	75.9	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
12000	65.	79.2	80.7	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
10000	67.4	82.2	83.8	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
9000	68.	83.3	84.9	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
8000	69.4	85.5	87.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
7000	69.9	86.5	88.2	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
6000	71.6	87.6	89.6	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
5000	71.6	89.3	91.4	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
4500	72.	90.3	92.4	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
4000	72.8	92.1	94.3	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
3500	73.4	93.1	95.3	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
3000	74.1	94.3	96.6	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
2500	74.4	94.7	97.0	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2000	74.7	95.3	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1800	74.7	95.4	97.8	98.6	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1500	74.7	95.5	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1200	74.8	95.6	98.1	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1000	74.8	95.7	98.2	99.0	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	74.8	95.8	98.3	99.0	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	74.8	95.8	98.3	99.1	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	74.8	95.8	98.3	99.1	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	74.8	95.9	98.4	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	74.8	95.9	98.4	99.3	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	74.8	95.9	98.4	99.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	74.8	95.9	98.4	99.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	74.8	95.9	98.4	99.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	74.8	95.9	98.4	99.3	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	74.8	95.9	98.4	99.3	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 1953

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	47.7	67.9	70.7	71.6	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	54.1	76.9	79.9	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
18000	54.2	77.1	80.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
16000	54.3	77.3	80.3	81.5	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
14000	55.2	78.5	81.6	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
12000	57.7	82.2	85.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
10000	59.3	84.4	87.6	88.8	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
9000	59.8	84.9	88.2	89.4	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	60.2	86.2	89.7	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
7000	60.8	87.1	90.6	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
6000	60.9	87.9	91.5	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
5000	61.6	89.7	93.4	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
4500	61.6	89.9	93.7	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
4000	62.2	91.0	94.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
3500	62.3	91.2	95.2	96.5	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
3000	62.7	92.1	96.2	97.4	98.0	98.0	98.0	98.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2500	62.7	92.4	96.5	97.8	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
2000	62.7	92.7	96.8	98.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1800	62.7	92.8	96.9	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1500	62.8	93.1	97.2	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1200	62.8	93.1	97.3	98.6	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	62.8	93.3	97.5	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
900	62.8	93.4	97.6	99.0	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	62.8	93.5	97.7	99.1	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	62.8	93.6	97.8	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	62.9	93.7	97.8	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	62.9	93.7	97.8	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	62.9	93.7	97.9	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	62.9	93.7	97.9	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	62.9	93.7	97.9	99.2	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	62.9	93.7	97.9	99.2	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	62.9	93.7	97.9	99.2	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 1953

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	33.4	64.8	69.0	71.0	72.2	72.5	72.9	73.0	73.1	73.3	73.4	73.4	73.6	73.6	73.7	73.8
≥ 20000	36.3	70.5	75.1	77.2	78.5	78.8	79.2	79.4	79.4	79.6	79.7	79.7	80.0	80.0	80.1	80.1
18000	36.5	71.7	75.3	77.4	78.7	79.0	79.4	79.6	79.6	79.8	79.9	79.9	80.2	80.2	80.3	80.3
16000	36.6	70.8	75.4	77.5	78.8	79.1	79.6	79.7	79.8	80.0	80.1	80.1	80.3	80.3	80.4	80.5
14000	37.4	72.2	76.8	79.0	80.3	80.6	81.0	81.2	81.2	81.4	81.5	81.5	81.8	81.8	81.9	81.9
12000	39.1	75.4	80.2	82.4	83.7	84.0	84.4	84.6	84.6	84.9	85.0	85.0	85.3	85.3	85.4	85.4
10000	39.9	77.3	82.2	84.4	85.7	86.0	86.4	86.6	86.6	86.9	87.0	87.0	87.3	87.3	87.4	87.4
9000	40.2	78.1	83.0	85.2	86.5	86.8	87.2	87.4	87.4	87.7	87.8	87.8	88.1	88.1	88.2	88.2
8000	40.8	80.1	85.3	87.4	88.8	89.1	89.5	89.7	89.7	90.0	90.1	90.1	90.4	90.4	90.5	90.5
7000	41.2	81.0	86.2	88.4	89.8	90.1	90.6	90.8	90.8	91.1	91.2	91.2	91.5	91.5	91.6	91.6
6000	41.2	81.5	86.7	89.0	90.4	90.7	91.1	91.3	91.4	91.7	91.8	91.8	92.0	92.0	92.1	92.2
5000	41.7	82.7	88.0	90.2	91.6	92.0	92.4	92.6	92.7	93.0	93.1	93.1	93.3	93.3	93.4	93.5
4500	42.	83.3	88.6	90.9	92.3	92.6	93.1	93.3	93.3	93.6	93.7	93.7	94.0	94.0	94.1	94.1
4000	42.2	84.2	89.4	91.8	93.2	93.5	94.0	94.2	94.2	94.5	94.6	94.6	94.9	94.9	95.0	95.0
3500	42.3	84.5	89.8	92.2	93.6	94.0	94.5	94.7	94.7	95.0	95.1	95.1	95.4	95.4	95.5	95.5
3000	42.3	84.8	90.2	92.8	94.2	94.6	95.0	95.2	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.1
2500	42.4	85.3	91.0	93.6	95.0	95.4	95.9	96.1	96.1	96.4	96.5	96.5	96.8	96.8	96.9	96.9
2000	42.4	85.6	91.4	94.2	95.6	96.0	96.4	96.6	96.7	97.0	97.1	97.1	97.3	97.3	97.4	97.5
1800	42.4	85.7	91.5	94.3	95.7	96.1	96.5	96.7	96.8	97.1	97.2	97.2	97.4	97.4	97.5	97.6
1500	42.4	85.8	91.6	94.4	95.8	96.2	96.6	96.8	96.9	97.2	97.3	97.3	97.5	97.5	97.6	97.7
1200	42.7	86.2	92.0	95.0	96.4	96.8	97.3	97.5	97.6	97.9	98.0	98.0	98.3	98.3	98.4	98.5
1000	42.7	86.4	92.2	95.2	96.7	97.1	97.6	97.8	97.9	98.3	98.4	98.4	98.6	98.6	98.7	98.8
900	42.7	86.4	92.2	95.3	96.8	97.2	97.7	97.9	98.0	98.4	98.5	98.5	98.7	98.7	98.8	98.9
800	42.7	86.4	92.3	95.3	96.8	97.2	97.8	98.0	98.1	98.4	98.5	98.5	98.8	98.8	98.9	99.0
700	42.7	86.4	92.3	95.4	96.9	97.3	97.8	98.0	98.1	98.5	98.6	98.6	98.9	98.9	99.0	99.1
600	42.7	86.5	92.3	95.4	96.9	97.3	97.9	98.1	98.2	98.5	98.7	98.7	98.9	98.9	99.0	99.1
500	42.7	86.5	92.4	95.5	97.0	97.5	98.1	98.3	98.4	98.8	98.9	98.9	99.2	99.2	99.3	99.4
400	42.8	86.5	92.4	95.6	97.1	97.5	98.1	98.4	98.5	98.9	99.0	99.0	99.3	99.3	99.4	99.5
300	42.8	86.6	92.5	95.6	97.1	97.6	98.2	98.5	98.5	99.0	99.1	99.1	99.4	99.4	99.5	99.6
200	42.8	86.6	92.5	95.6	97.1	97.6	98.2	98.5	98.5	99.0	99.2	99.2	99.5	99.5	99.6	99.7
100	42.8	86.6	92.5	95.6	97.1	97.6	98.2	98.5	98.5	99.1	99.2	99.2	99.5	99.5	99.7	99.9
0	42.8	86.6	92.5	95.6	97.1	97.6	98.2	98.5	98.5	99.1	99.2	99.2	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2001

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	22.[illegible]	48.1	54.5	58.6	61.7	62.1	63.6	64.3	64.3	65.3	65.5	65.6	66.1	66.1	66.4	66.8
≥ 20000	23.9	53.1	60.1	64.4	67.7	68.1	69.7	70.4	70.5	71.6	71.7	71.9	72.3	72.3	72.7	73.2
18000	24.1	53.3	60.3	64.6	67.9	68.3	70.0	70.7	70.8	71.9	72.1	72.2	72.7	72.7	73.1	73.6
16000	24.2	53.6	60.6	65.0	68.3	68.7	70.3	71.1	71.1	72.3	72.4	72.6	73.0	73.0	73.4	73.9
14000	25.3	55.9	63.1	67.5	70.8	71.2	72.9	73.7	73.8	74.9	75.1	75.2	75.7	75.7	76.1	76.6
12000	26.5	58.8	66.3	71.0	74.4	74.9	76.5	77.4	77.4	78.6	78.8	78.9	79.4	79.4	79.8	80.3
10000	27.5	61.5	69.0	74.1	77.6	78.0	79.7	80.6	80.6	81.8	82.0	82.1	82.6	82.6	83.0	83.5
9000	27.6	62.1	69.7	74.8	78.3	78.8	80.5	81.3	81.4	82.5	82.7	82.9	83.3	83.3	83.7	84.2
8000	28.1	64.3	71.9	77.1	80.7	81.2	82.9	83.8	83.8	85.0	85.2	85.3	85.8	85.8	86.2	86.7
7000	28.7	65.3	73.5	78.8	82.4	82.9	84.6	85.5	85.5	86.7	86.9	87.0	87.5	87.5	87.9	88.4
6000	28.9	66.1	74.3	79.6	83.3	83.7	85.5	86.4	86.5	87.6	87.8	88.0	88.4	88.4	88.8	89.3
5000	29.5	67.3	75.7	80.9	84.7	85.1	86.9	87.9	87.9	89.1	89.3	89.4	89.9	89.9	90.3	90.8
4500	29.6	67.7	76.1	81.3	85.1	85.5	87.3	88.3	88.3	89.5	89.7	89.8	90.3	90.3	90.7	91.2
4000	29.9	68.4	76.9	82.1	85.9	86.4	88.2	89.2	89.2	90.4	90.6	90.7	91.2	91.2	91.6	92.1
3500	30.1	69.2	77.7	83.2	87.1	87.6	89.4	90.3	90.4	91.5	91.7	91.9	92.3	92.3	92.7	93.2
3000	30.1	69.5	78.4	83.9	87.8	88.3	90.1	91.1	91.1	92.3	92.5	92.6	93.1	93.1	93.5	94.0
2500	30.3	69.8	78.6	84.2	88.1	88.7	90.6	91.6	91.6	92.7	93.0	93.1	93.6	93.6	94.0	94.5
2000	30.3	70.1	79.0	84.6	88.6	89.1	91.0	92.0	92.1	93.2	93.5	93.6	94.1	94.1	94.5	95.0
1800	30.1	70.2	79.1	84.7	88.7	89.2	91.1	92.1	92.2	93.3	93.6	93.7	94.2	94.2	94.6	95.1
1500	30.2	70.6	79.6	85.2	89.3	89.9	91.8	92.8	92.8	94.0	94.2	94.4	94.8	94.8	95.2	95.7
1200	30.3	70.7	79.9	85.6	89.7	90.3	92.3	93.3	93.3	94.5	94.7	94.9	95.4	95.4	95.8	96.3
1000	30.3	70.7	79.9	85.6	89.7	90.3	92.3	93.3	93.3	94.5	94.7	94.9	95.4	95.4	95.8	96.3
900	30.3	70.9	80.1	85.8	89.9	90.5	92.5	93.5	93.5	94.7	94.9	95.1	95.6	95.6	96.0	96.5
800	30.3	70.9	80.2	86.0	90.1	90.7	92.7	93.7	93.7	94.9	95.1	95.3	95.8	95.8	96.2	96.7
700	30.3	70.9	80.3	86.1	90.3	90.9	92.8	93.9	93.9	95.1	95.3	95.5	96.0	96.0	96.4	96.9
600	30.3	70.9	80.3	86.2	90.4	91.0	93.0	94.0	94.1	95.2	95.5	95.6	96.1	96.1	96.5	97.0
500	30.3	70.9	80.3	86.2	90.4	91.0	93.2	94.3	94.3	95.5	95.7	95.9	96.4	96.4	96.8	97.3
400	30.3	70.9	80.3	86.2	90.4	91.0	93.3	94.4	94.5	95.6	95.9	96.0	96.6	96.6	97.0	97.5
300	30.3	70.9	80.3	86.2	90.5	91.2	93.5	94.7	94.7	96.0	96.2	96.4	96.9	96.9	97.3	97.8
200	30.3	70.9	80.3	86.2	90.5	91.2	93.6	94.8	94.8	96.1	96.4	96.6	97.2	97.2	97.7	98.4
100	30.3	71.0	80.4	86.3	90.6	91.3	93.7	94.9	94.9	96.3	96.7	96.8	97.5	97.5	98.2	99.0
0	30.3	71.0	80.4	86.3	90.6	91.3	93.7	94.9	94.9	96.3	96.7	96.9	97.5	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1999

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	24.7	47.3	50.6	53.3	55.5	56.2	57.1	57.6	57.6	57.8	57.9	57.9	58.0	58.2	58.3	58.5
≥ 20000	28.2	53.8	57.5	60.7	63.1	63.7	64.7	65.2	65.2	65.5	65.5	65.5	65.7	65.9	66.0	66.3
18000	28.2	54.1	57.7	61.0	63.4	64.1	65.1	65.6	65.7	65.9	66.0	66.0	66.1	66.3	66.5	66.7
16000	28.4	54.4	58.0	61.4	63.7	64.4	65.4	65.9	66.0	66.3	66.3	66.3	66.5	66.7	66.8	67.1
14000	29.6	56.2	60.1	63.5	65.8	66.5	67.5	68.0	68.1	68.4	68.4	68.4	68.6	68.8	68.9	69.2
12000	31.5	59.5	63.5	67.1	69.8	70.6	71.6	72.1	72.2	72.5	72.6	72.6	72.7	72.9	73.1	73.3
10000	33.4	62.5	66.7	70.3	73.4	74.2	75.2	75.8	75.9	76.2	76.3	76.3	76.4	76.6	76.8	77.0
9000	33.8	63.5	67.8	71.6	74.8	75.6	76.6	77.2	77.3	77.6	77.7	77.7	77.8	78.0	78.2	78.4
8000	34.7	65.5	69.9	73.8	77.1	77.9	78.9	79.5	79.6	79.9	79.9	79.9	80.1	80.3	80.5	80.7
7000	35.4	66.5	71.2	75.1	78.4	79.2	80.2	80.8	80.9	81.2	81.3	81.3	81.4	81.6	81.8	82.1
6000	36.1	67.4	72.2	76.2	79.7	80.5	81.5	82.1	82.2	82.6	82.6	82.6	82.8	83.0	83.2	83.4
5000	36.5	68.8	73.8	77.8	81.3	82.1	83.2	83.8	83.9	84.3	84.3	84.3	84.5	84.7	84.9	85.1
4500	36.7	69.3	74.3	78.4	81.9	82.7	83.8	84.4	84.5	84.9	84.9	84.9	85.1	85.3	85.5	85.7
4000	36.9	70.2	75.3	79.5	83.0	83.8	84.9	85.6	85.7	86.0	86.1	86.1	86.2	86.4	86.6	86.9
3500	37.0	70.6	75.7	80.0	83.5	84.4	85.5	86.1	86.2	86.6	86.6	86.6	86.8	87.0	87.2	87.4
3000	37.1	71.1	76.4	80.8	84.4	85.3	86.4	87.1	87.2	87.5	87.6	87.6	87.7	87.9	88.1	88.4
2500	37.3	71.8	77.1	81.6	85.3	86.2	87.4	88.0	88.1	88.5	88.6	88.6	88.7	88.9	89.1	89.4
2000	37.7	73.0	78.3	83.0	86.7	87.6	88.8	89.5	89.6	89.9	90.0	90.0	90.2	90.4	90.6	90.8
1800	37.8	73.3	78.6	83.3	87.1	88.0	89.3	90.0	90.1	90.4	90.5	90.5	90.7	90.9	91.1	91.3
1500	38.0	73.9	79.4	84.3	88.3	89.1	90.5	91.2	91.3	91.7	91.8	91.8	91.9	92.1	92.3	92.6
1200	38.3	74.7	80.4	85.2	89.3	90.2	91.6	92.3	92.4	92.8	92.9	92.9	93.0	93.2	93.4	93.7
1000	38.5	75.4	81.4	86.4	90.6	91.5	93.0	93.7	93.8	94.2	94.4	94.4	94.5	94.7	94.9	95.2
900	38.5	75.7	81.8	86.8	91.1	92.0	93.4	94.2	94.3	94.7	94.8	94.8	95.0	95.2	95.4	95.6
800	38.5	75.9	82.0	87.1	91.4	92.3	93.8	94.5	94.6	95.1	95.3	95.3	95.4	95.6	95.8	96.1
700	38.5	76.0	82.2	87.2	91.6	92.6	94.0	94.8	94.9	95.4	95.6	95.6	95.8	96.0	96.2	96.4
600	38.5	76.0	82.3	87.3	91.8	92.8	94.2	95.1	95.2	95.7	95.9	95.9	96.1	96.3	96.5	96.7
500	38.5	76.2	82.4	87.8	92.4	93.3	95.0	95.9	96.0	96.7	96.8	96.8	97.0	97.2	97.4	97.7
400	38.5	76.2	82.5	87.9	92.5	93.5	95.2	96.3	96.5	97.2	97.4	97.4	97.6	97.8	98.0	98.3
300	38.5	76.2	82.5	87.9	92.5	93.5	95.2	96.3	96.6	97.5	97.6	97.6	97.8	98.0	98.4	98.7
200	38.5	76.2	82.5	87.9	92.5	93.6	95.3	96.4	96.7	97.6	97.8	97.8	98.0	98.2	98.5	99.1
100	38.5	76.2	82.5	87.9	92.5	93.6	95.3	96.4	96.7	97.6	97.9	97.9	98.1	98.3	98.7	99.6
0	38.5	76.2	82.5	87.9	92.5	93.6	95.3	96.4	96.7	97.6	97.9	97.9	98.1	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2001

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	9.3	53.2	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	15.5	61.5	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
18000	45.7	61.7	63.3	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
16000	46.1	62.1	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
14000	48.0	64.8	66.4	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
12000	50.6	68.7	70.4	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
10000	52.2	71.2	73.0	73.5	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
9000	53.1	72.4	74.2	74.7	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
8000	53.9	74.0	75.9	76.5	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
7000	54.4	74.9	76.8	77.5	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
6000	54.5	75.3	77.2	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
5000	55.7	76.8	78.8	79.4	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
4500	56.4	77.7	79.7	80.4	80.7	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
4000	57.7	79.6	81.6	82.3	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
3500	58.5	81.0	83.0	83.7	83.9	84.0	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
3000	59.9	83.1	85.1	85.9	86.2	86.2	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
2500	61.6	85.7	87.8	88.8	89.2	89.2	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2000	63.3	88.7	91.0	92.3	92.6	92.7	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
1800	63.5	89.2	91.6	92.9	93.2	93.4	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
1500	64.1	90.6	93.0	94.6	95.0	95.2	95.4	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
1200	64.5	91.6	94.1	95.8	96.2	96.4	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1000	64.6	92.2	94.8	96.6	97.2	97.4	97.7	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
900	64.6	92.5	95.3	97.0	97.6	97.8	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
800	64.7	92.7	95.5	97.3	98.0	98.2	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
700	64.7	92.8	95.7	97.5	98.2	98.5	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	64.7	92.8	95.7	97.5	98.3	98.5	99.0	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
500	64.7	92.8	95.7	97.6	98.4	98.6	99.1	99.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
400	64.7	92.8	95.7	97.6	98.4	98.7	99.1	99.3	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
300	64.7	92.8	95.7	97.6	98.4	98.7	99.1	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	64.7	92.8	95.7	97.6	98.4	98.7	99.1	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	64.7	92.8	95.7	97.6	98.4	98.7	99.1	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	64.7	92.8	95.7	97.6	98.4	98.7	99.1	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2001

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	39.1	46.6	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	48.1	57.4	57.8	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	48.4	57.8	58.2	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
16000	48.9	58.4	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
14000	59.2	60.1	60.6	60.8	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	62.8	63.9	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
10000	64.1	65.8	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
9000	64.6	66.7	67.3	67.7	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	65.4	68.0	68.7	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
7000	65.8	68.5	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
6000	66.0	69.1	69.7	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
5000	69.6	73.2	74.1	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
4500	61.9	76.5	77.4	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
4000	65.4	80.6	81.6	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
3500	68.0	83.9	84.9	85.4	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
3000	71.6	88.8	89.9	90.4	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2500	73.9	92.2	93.5	94.1	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2000	74.9	94.3	95.8	96.4	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1800	74.9	94.5	96.0	96.7	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1500	75.3	95.1	96.6	97.4	97.9	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1200	75.5	95.7	97.2	98.0	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1000	75.6	96.0	97.5	98.3	98.8	98.8	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
900	75.7	96.1	97.6	98.4	99.0	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
800	75.7	96.1	97.6	98.4	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
700	75.7	96.1	97.6	98.4	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	75.7	96.1	97.7	98.5	99.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
500	75.7	96.1	97.7	98.5	99.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
400	75.7	96.2	97.7	98.5	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
300	75.7	96.2	97.7	98.6	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
200	75.7	96.2	97.7	98.6	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
100	75.7	96.2	97.7	98.6	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
0	75.7	96.2	97.7	98.6	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1999

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	42.8	50.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	57.1	67.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IVIV 18000	57.4	67.5	68.1	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	58.1	68.2	68.7	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
IVIV 14000	59.8	70.7	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
12000	62.2	74.3	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
IVIV 10000	63.8	76.8	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
9000	65.1	78.6	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IVIV 8000	66.5	80.4	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
7000	67.4	81.8	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IVIV 6000	68.2	82.7	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
5000	70.5	85.8	87.0	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IVIV 4500	71.4	87.0	88.3	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
4000	73.1	89.7	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IVIV 3500	74.1	91.4	92.7	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
3000	75.6	93.9	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IVIV 2500	76.2	95.1	96.4	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
2000	76.7	95.9	97.3	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVIV 1800	76.3	96.1	97.5	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1500	76.9	96.1	97.6	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVIV 1200	76.9	96.3	97.7	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1000	76.9	96.4	97.9	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IVIV 900	77.0	96.5	98.0	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	77.1	96.6	98.1	98.7	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVIV 700	77.1	96.7	98.2	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	77.1	96.7	98.2	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVIV 500	77.1	96.7	98.3	98.9	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	77.1	96.7	98.3	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIV 300	77.1	96.7	98.3	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
200	77.1	96.7	98.3	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IVIV 100	77.1	96.7	98.3	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0	77.1	96.7	98.3	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2001

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.5	59.1	60.4	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	56.2	73.1	74.6	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IVIV 18000	56.5	73.5	75.0	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
16000	56.8	73.8	75.3	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
IVIV 14000	58.3	76.2	77.7	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
12000	61.7	80.1	81.8	82.3	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IVIV 10000	62.2	82.4	84.1	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
9000	63.2	83.8	85.5	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
IVIV 8000	64.2	85.4	87.2	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
7000	64.7	86.8	88.6	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
IVIV 6000	65.1	87.3	89.1	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
5000	66.3	89.6	91.5	92.1	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IVIV 4500	66.7	90.6	92.5	93.1	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
4000	67.4	91.9	93.8	94.4	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
IVIV 3500	67.7	92.6	94.5	95.1	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
3000	67.9	93.5	95.4	96.3	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IVIV 2500	68.1	94.1	96.0	97.0	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
2000	68.2	94.6	96.6	97.6	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IVIV 1800	68.2	94.7	96.6	97.7	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
1500	68.3	94.9	96.9	98.0	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IVIV 1200	68.3	95.0	97.0	98.2	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
1000	68.4	95.2	97.2	98.3	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IVIV 900	68.4	95.2	97.2	98.4	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
800	68.6	95.4	97.4	98.5	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IVIV 700	68.6	95.4	97.4	98.6	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
600	68.6	95.4	97.4	98.6	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IVIV 500	68.6	95.4	97.4	98.6	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
400	68.6	95.4	97.4	98.6	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IVIV 300	68.6	95.4	97.4	98.6	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
200	68.6	95.4	97.4	98.6	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IVIV 100	68.6	95.4	97.4	98.6	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	68.6	95.4	97.4	98.6	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2001

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 1/2	≥ 2	≥1 1/2	≥1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥5/16	≥ 1/4	≥ 0
NO CEILING	41.7	67.8	75.0	76.5	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 20000	46.2	75.7	78.2	78.7	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
IVIV 18000	46.2	75.7	78.4	78.9	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
16000	46.6	76.2	78.8	79.3	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
IVIV 14000	47.8	78.1	80.7	81.3	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
12000	49.3	81.2	84.0	84.5	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
IVIV 10000	50.3	83.6	86.4	87.0	87.7	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
9000	50.7	84.5	87.3	87.8	88.5	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
IVIV 8000	51.6	86.3	89.2	89.8	90.5	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
7000	52.3	87.1	90.0	90.6	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IVIV 6000	52.5	88.0	91.0	91.5	92.2	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6
5000	53.1	89.9	93.0	93.6	94.3	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7
IVIV 4500	53.2	90.1	93.2	93.9	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0
4000	53.5	90.9	94.1	94.8	95.5	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IVIV 3500	53.6	91.2	94.4	95.2	95.9	96.1	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
3000	53.7	91.7	94.9	95.8	96.6	96.8	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVIV 2500	53.7	92.4	95.7	96.6	97.3	97.6	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
2000	53.7	92.5	95.9	96.8	97.6	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2
IVIV 1800	53.8	92.6	96.0	96.9	97.7	98.0	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1500	53.9	92.8	96.2	97.2	98.0	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVIV 1200	53.9	93.0	96.4	97.6	98.4	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1000	53.9	93.1	96.6	97.8	98.6	98.9	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVIV 900	53.9	93.1	96.6	97.8	98.6	98.9	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	54.0	93.2	96.7	97.9	98.7	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IVIV 700	54.0	93.2	96.7	97.9	98.7	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5
600	54.1	93.2	96.7	98.0	98.8	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IVIV 500	54.0	93.2	96.7	98.0	98.9	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
400	54.0	93.2	96.7	98.0	98.9	99.1	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7
IVIV 300	54.2	93.3	96.8	98.1	99.0	99.2	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
200	54.2	93.3	96.8	98.1	99.0	99.2	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
IVIV 100	54.2	93.4	96.9	98.2	99.1	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
0	54.2	93.4	96.9	98.2	99.1	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2001

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	35.9	61.6	64.8	66.9	68.4	68.4	68.6	69.1	69.2	69.6	69.6	69.7	69.9	69.9	70.0	70.2
≥ 20000	38.6	65.8	69.1	71.3	72.9	72.9	73.1	73.6	73.7	74.1	74.1	74.2	74.3	74.3	74.4	74.7
18000	38.8	66.1	69.4	71.6	73.1	73.1	73.4	73.9	74.0	74.3	74.4	74.4	74.6	74.6	74.7	75.0
16000	39.1	66.3	69.7	71.9	73.4	73.4	73.7	74.2	74.3	74.6	74.7	74.7	74.9	74.9	75.0	75.3
14000	40.1	67.9	71.4	73.5	75.1	75.1	75.4	75.8	75.9	76.3	76.3	76.4	76.6	76.6	76.7	76.9
12000	41.2	70.4	74.0	76.2	77.8	77.8	78.1	78.5	78.6	79.3	79.0	79.1	79.3	79.3	79.4	79.6
10000	41.9	72.3	76.1	78.4	80.2	80.2	80.5	80.9	81.1	81.4	81.4	81.5	81.7	81.7	81.8	82.0
9000	42.1	73.1	77.1	79.4	81.3	81.3	81.6	82.0	82.2	82.5	82.6	82.6	82.8	82.8	82.9	83.1
8000	42.6	74.4	78.5	80.9	82.9	82.9	83.1	83.6	83.7	84.1	84.1	84.2	84.3	84.3	84.4	84.7
7000	43.0	75.6	79.9	82.7	84.6	84.6	84.9	85.4	85.5	85.8	85.9	85.9	86.1	86.1	86.2	86.5
6000	43.1	76.4	80.7	83.5	85.5	85.5	85.7	86.2	86.3	86.7	86.8	86.8	87.0	87.0	87.1	87.3
5000	43.3	77.4	81.9	84.8	86.9	86.9	87.2	87.6	87.8	88.2	88.2	88.3	88.5	88.5	88.6	88.8
4500	43.5	78.1	82.6	85.6	87.6	87.6	87.9	88.4	88.5	88.9	88.9	89.0	89.2	89.2	89.3	89.5
4000	43.8	78.7	83.4	86.4	88.5	88.6	88.9	89.3	89.5	89.9	89.9	90.0	90.1	90.1	90.2	90.5
3500	44.2	79.7	84.5	87.7	89.8	89.9	90.3	90.8	91.0	91.4	91.4	91.4	91.6	91.6	91.7	92.0
3000	44.2	80.3	85.2	88.4	90.5	90.6	91.1	91.6	91.7	92.1	92.2	92.2	92.4	92.4	92.5	92.8
2500	44.2	80.6	85.7	88.9	91.1	91.2	91.7	92.2	92.3	92.7	92.8	92.8	93.0	93.0	93.1	93.3
2000	44.4	81.9	87.1	90.3	92.6	92.7	93.2	93.7	93.8	94.2	94.3	94.3	94.5	94.5	94.6	94.8
1800	44.4	82.1	87.2	90.5	92.8	92.9	93.4	93.9	94.0	94.4	94.4	94.5	94.7	94.7	94.8	95.0
1500	44.4	82.5	87.7	91.2	93.4	93.5	94.0	94.5	94.6	95.1	95.1	95.2	95.4	95.4	95.5	95.7
1200	44.5	82.9	88.0	91.6	93.9	94.0	94.6	95.1	95.3	95.7	95.7	95.8	96.0	96.0	96.1	96.3
1000	44.6	83.1	88.3	92.1	94.5	94.6	95.4	95.8	96.0	96.4	96.5	96.5	96.7	96.7	96.8	97.1
900	44.6	83.2	88.4	92.2	94.6	94.7	95.6	96.1	96.2	96.7	96.8	96.8	97.0	97.0	97.1	97.3
800	44.6	83.2	88.4	92.3	94.7	94.8	95.7	96.2	96.4	96.9	96.9	97.0	97.1	97.1	97.2	97.5
700	44.6	83.4	88.6	92.6	95.0	95.1	96.2	96.8	96.9	97.4	97.4	97.5	97.7	97.7	97.8	98.0
600	44.6	83.5	88.7	92.6	95.1	95.2	96.4	97.0	97.1	97.6	97.6	97.7	97.9	97.9	98.0	98.2
500	44.6	83.6	88.8	92.9	95.5	95.6	96.9	97.4	97.6	98.1	98.1	98.2	98.4	98.4	98.5	98.7
400	44.6	83.6	89.0	93.0	95.7	95.8	97.1	97.7	97.8	98.3	98.4	98.4	98.6	98.6	98.7	98.9
300	44.6	83.6	89.1	93.1	95.8	95.9	97.2	97.8	97.9	98.4	98.5	98.5	98.7	98.7	98.8	99.0
200	44.6	83.6	89.1	93.2	95.8	96.0	97.3	97.9	98.0	98.5	98.6	98.6	98.9	98.9	99.0	99.3
100	44.6	83.6	89.1	93.2	95.8	96.0	97.3	97.9	98.0	98.5	98.6	98.6	98.9	98.9	99.0	99.3
0	44.6	83.6	89.1	93.2	95.8	96.0	97.3	97.9	98.0	98.5	98.6	98.6	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2270

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	26.8	50.1	54.6	57.2	60.1	60.3	61.3	61.7	61.9	62.9	63.1	63.2	64.0	64.0	64.6	65.3
≥ 20000	28.8	54.3	59.0	62.0	65.1	65.3	66.3	66.8	67.0	67.9	68.2	68.3	69.0	69.1	69.7	70.4
18000	28.8	54.7	59.4	62.5	65.5	65.7	66.8	67.2	67.4	68.4	68.6	68.7	69.5	69.5	70.1	70.8
16000	28.8	54.8	59.5	62.6	65.6	65.8	66.9	67.4	67.5	68.5	68.7	68.8	69.6	69.7	70.2	71.0
14000	29.8	56.4	61.3	64.3	67.3	67.6	68.6	69.1	69.3	70.2	70.5	70.6	71.4	71.4	72.0	72.7
12000	31.1	59.2	64.1	67.2	70.2	70.5	71.6	72.1	72.2	73.2	73.4	73.5	74.3	74.3	74.9	75.7
10000	31.9	61.3	66.1	69.8	73.0	73.3	74.4	74.9	75.1	76.0	76.3	76.4	77.1	77.2	77.8	78.5
9000	32.2	62.2	67.3	70.7	74.0	74.3	75.4	75.9	76.0	77.0	77.2	77.3	78.1	78.2	78.7	79.5
8000	32.7	63.5	68.9	72.4	75.6	75.9	77.0	77.6	77.8	78.7	79.0	79.1	79.9	79.9	80.5	81.2
7000	33.2	64.8	70.2	73.7	77.1	77.3	78.5	79.1	79.3	80.2	80.5	80.6	81.4	81.4	82.0	82.8
6000	33.4	65.5	71.0	74.6	77.9	78.2	79.4	80.0	80.2	81.3	81.5	81.6	82.4	82.5	83.1	83.8
5000	33.6	66.5	72.2	75.9	79.5	79.8	81.0	81.6	81.8	82.9	83.1	83.2	84.0	84.1	84.7	85.4
4500	33.6	66.8	72.5	76.2	79.8	80.1	81.4	81.9	82.1	83.2	83.4	83.5	84.3	84.4	85.1	85.8
4000	34.1	67.9	73.7	77.5	81.1	81.4	82.7	83.2	83.4	84.5	84.8	84.9	85.7	85.7	86.4	87.1
3500	34.1	68.5	74.4	78.4	82.1	82.4	83.6	84.2	84.4	85.5	85.8	85.9	86.7	86.8	87.4	88.2
3000	34.3	69.4	75.6	79.8	83.7	84.1	85.3	85.9	86.1	87.1	87.5	87.6	88.4	88.5	89.1	89.9
2500	34.5	70.1	76.4	80.6	84.5	84.8	86.2	86.8	87.0	88.0	88.4	88.5	89.3	89.3	90.0	90.7
2000	34.8	71.3	77.7	82.0	86.0	86.3	87.7	88.3	88.5	89.6	89.9	90.0	90.8	90.9	91.5	92.3
1800	34.8	71.5	78.0	82.3	86.3	86.6	88.0	88.6	88.8	89.9	90.2	90.3	91.1	91.2	91.8	92.6
1500	35.1	72.5	79.1	83.4	87.5	87.8	89.3	89.9	90.1	91.2	91.5	91.6	92.4	92.5	93.1	93.9
1200	35.2	73.1	79.8	84.2	88.5	88.8	90.4	91.0	91.2	92.2	92.6	92.7	93.5	93.5	94.2	95.0
1000	35.5	73.6	80.3	85.0	89.3	89.7	91.3	91.9	92.1	93.2	93.5	93.6	94.4	94.5	95.2	95.9
900	35.5	73.7	80.4	85.1	89.5	89.8	91.5	92.1	92.3	93.4	93.8	93.9	94.7	94.7	95.4	96.2
800	35.5	73.9	80.7	85.4	89.9	90.2	91.9	92.6	92.8	93.9	94.2	94.3	95.1	95.2	95.8	96.6
700	35.5	73.9	80.7	85.5	90.1	90.5	92.4	93.0	93.2	94.3	94.7	94.8	95.6	95.7	96.3	97.1
600	35.5	74.0	80.8	85.7	90.3	90.7	92.7	93.4	93.6	94.7	95.1	95.2	96.0	96.0	96.7	97.5
500	35.5	74.1	81.0	85.9	90.6	91.1	93.0	93.7	93.9	95.1	95.4	95.5	96.3	96.4	97.1	97.8
400	35.5	74.1	81.0	85.9	90.6	91.1	93.2	94.0	94.2	95.4	95.7	95.8	96.7	96.7	97.4	98.2
300	35.5	74.1	81.1	86.1	90.9	91.4	93.5	94.3	94.5	95.8	96.1	96.2	97.1	97.1	97.8	98.6
200	35.5	74.1	81.1	86.2	91.0	91.5	93.6	94.4	94.6	96.2	96.6	96.7	97.7	97.7	98.4	99.2
100	35.5	74.1	81.1	86.2	91.0	91.5	93.6	94.4	94.6	96.2	96.7	96.8	97.7	97.8	98.5	99.4
0	35.5	74.1	81.1	86.2	91.0	91.5	93.6	94.4	94.6	96.2	96.7	96.8	97.8	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2070

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	30.7	45.5	48.6	51.1	52.8	53.2	54.1	54.6	54.7	55.1	55.4	55.5	55.9	55.9	56.2	56.9
≥ 20000	34.2	50.2	53.6	56.4	58.4	58.8	59.9	60.5	60.6	61.1	61.4	61.5	61.9	61.9	62.2	63.0
IVIV 18000	34.3	50.3	53.7	56.5	58.6	59.0	60.1	60.7	60.8	61.3	61.6	61.6	62.1	62.1	62.3	63.2
16000	34.5	50.8	54.2	57.0	59.2	59.5	60.7	61.2	61.3	61.9	62.2	62.2	62.6	62.6	62.9	63.8
IVIV 14000	35.4	52.7	56.2	59.0	61.2	61.6	62.7	63.3	63.4	63.9	64.2	64.3	64.7	64.7	65.0	65.8
12000	36.6	55.2	58.8	61.8	64.1	64.4	65.6	66.3	66.4	66.9	67.2	67.2	67.7	67.7	68.0	68.8
IVIV 10000	38.2	58.0	61.9	64.9	67.2	67.6	68.7	69.4	69.5	70.0	70.3	70.4	70.8	70.8	71.1	71.9
9000	39.0	59.2	63.0	66.1	68.5	68.9	70.1	70.8	70.9	71.4	71.7	71.7	72.2	72.2	72.5	73.3
IVIV 8000	39.8	60.6	64.4	67.6	70.0	70.4	71.8	72.5	72.6	73.2	73.5	73.6	74.0	74.0	74.3	75.1
7000	40.6	61.8	65.9	69.2	71.6	72.0	73.6	74.3	74.4	75.0	75.3	75.4	75.8	75.8	76.1	76.9
IVIV 6000	41.0	62.5	66.7	70.0	72.5	72.8	74.4	75.1	75.2	75.8	76.2	76.2	76.7	76.7	76.9	77.9
5000	41.8	64.1	68.3	71.8	74.3	74.7	76.2	76.9	77.0	77.7	78.0	78.1	78.5	78.5	78.8	79.7
IVIV 4500	42.1	64.7	68.9	72.5	75.3	75.7	77.3	78.1	78.2	78.8	79.1	79.2	79.6	79.6	79.9	80.8
4000	42.6	66.0	70.4	74.0	76.8	77.2	78.8	79.6	79.7	80.3	80.7	80.7	81.2	81.2	81.4	82.4
IVIV 3500	43.0	66.9	71.5	75.3	78.2	78.6	80.2	81.0	81.1	81.7	82.0	82.1	82.5	82.5	82.8	83.7
3000	43.5	68.1	72.7	76.7	79.8	80.2	81.8	82.6	82.7	83.4	83.8	83.8	84.2	84.2	84.5	85.5
IVIV 2500	43.9	68.9	73.7	77.7	80.9	81.4	83.1	83.9	84.1	84.8	85.1	85.2	85.6	85.6	85.9	86.8
2000	44.5	70.4	75.4	79.7	82.8	83.3	85.0	85.8	86.0	86.7	87.0	87.1	87.5	87.5	87.8	88.7
IVIV 1800	44.8	70.9	75.9	80.2	83.5	84.0	85.7	86.6	86.7	87.4	87.8	87.8	88.3	88.3	88.5	89.5
1500	45.0	71.6	76.8	81.3	84.6	85.3	87.2	88.1	88.2	88.9	89.3	89.3	89.8	89.8	90.0	91.0
IVIV 1200	45.2	72.7	77.9	82.6	86.1	86.8	88.7	89.6	89.8	90.5	90.9	90.9	91.3	91.3	91.6	92.6
1000	45.3	73.4	78.9	83.7	87.4	88.2	90.4	91.3	91.4	92.2	92.6	92.7	93.1	93.1	93.4	94.3
IVIV 900	45.3	73.7	79.2	84.1	87.8	88.5	90.8	91.7	91.9	92.7	93.1	93.2	93.6	93.6	93.9	94.8
800	45.4	73.9	79.5	84.4	88.2	88.9	91.3	92.3	92.4	93.2	93.7	93.8	94.2	94.2	94.5	95.4
IVIV 700	45.4	74.2	79.8	84.9	88.7	89.5	91.9	92.8	93.0	93.8	94.2	94.3	94.8	94.8	95.1	96.0
600	45.4	74.2	79.9	85.3	89.1	90.0	92.4	93.4	93.6	94.6	95.0	95.1	95.6	95.6	95.9	96.8
IVIV 500	45.4	74.4	80.1	85.7	89.6	90.5	93.1	94.1	94.3	95.4	95.8	95.9	96.4	96.4	96.7	97.6
400	45.4	74.5	80.2	85.9	89.8	90.7	93.4	94.4	94.6	95.8	96.3	96.4	96.9	96.9	97.2	98.1
IVIV 300	45.4	74.6	80.4	86.1	90.0	91.0	93.7	94.9	95.2	96.6	97.1	97.1	97.7	97.7	98.0	99.0
200	45.4	74.6	80.4	86.1	90.2	91.0	93.7	94.9	95.2	96.7	97.2	97.3	97.9	97.9	98.3	99.4
IVIV 100	45.4	74.6	80.4	86.2	90.1	91.0	93.8	95.0	95.3	96.8	97.3	97.4	98.0	98.0	98.4	99.8
0	45.4	74.6	80.4	86.2	90.1	91.0	93.8	95.2	95.3	96.8	97.3	97.4	98.0	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2969

1210WS FORM JUL. 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	44.0	52.2	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9
≥ 20000	58.2	59.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5
18000	59.3	59.9	60.9	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
16000	59.8	61.6	61.6	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
14000	62.1	62.1	63.2	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
12000	63.9	64.6	65.9	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
10000	65.7	67.1	68.4	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4
9000	66.4	68.3	69.6	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
8000	67.4	69.9	71.2	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
7000	68.2	71.0	72.3	73.2	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7
6000	68.7	71.8	73.0	74.0	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
5000	69.6	73.2	74.4	75.4	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
4500	69.1	74.1	75.4	76.4	76.7	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
4000	71.3	75.6	77.0	78.0	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
3500	72.3	76.9	78.3	79.4	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
3000	74.3	80.1	81.4	82.6	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
2500	76.2	82.6	84.2	85.3	85.6	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
2000	77.6	85.4	87.1	88.3	88.7	88.9	89.1	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5
1800	77.7	85.7	87.5	88.8	89.2	89.4	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1500	78.7	87.3	89.2	90.7	91.1	91.4	91.6	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1
1200	79.4	89.4	91.5	93.0	93.6	93.9	94.3	94.5	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8
1000	79.5	90.0	92.2	93.9	94.9	95.2	95.7	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
900	79.5	90.3	92.7	94.3	95.3	95.6	96.1	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
800	79.6	90.5	92.9	94.7	96.0	96.3	96.9	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
700	79.6	90.8	93.3	95.2	96.7	97.0	97.5	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
600	79.7	91.1	93.6	95.6	97.1	97.3	97.9	98.3	98.3	98.[illegible]	98.6	98.6	98.6	98.6	98.6	98.6
500	79.8	91.4	93.9	95.9	97.5	97.9	98.5	99.0	99.0	99.	99.2	99.2	99.3	99.3	99.3	99.3
400	79.8	91.4	93.9	96.0	97.7	98.1	98.9	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
300	79.8	91.4	94.0	96.0	97.8	98.1	99.0	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
200	79.8	91.4	94.0	96.0	97.8	98.1	99.0	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
100	79.8	91.4	94.0	96.0	97.8	98.1	99.0	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	79.8	91.4	94.0	96.0	97.8	98.1	99.0	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2270

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.2	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	53.3	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
18000	53.3	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
16000	54.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
14000	55.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
12000	57.8	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
10000	59.2	65.8	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	66.2
9000	59.8	66.7	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
8000	60.9	68.5	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
7000	62.4	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
6000	63.3	71.1	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
5000	64.7	73.1	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
4500	66.3	74.5	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
4000	69.3	78.5	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
3500	71.2	80.6	81.4	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
3000	74.7	85.1	86.0	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2500	76.8	87.5	88.7	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
2000	78.5	89.8	91.3	91.8	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
1800	78.7	90.5	92.1	92.7	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1500	79.4	91.9	93.7	94.4	94.7	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1200	79.8	93.2	95.1	96.0	96.4	96.5	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1000	80.3	93.5	95.6	96.5	97.0	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
900	80.3	93.7	95.7	96.8	97.4	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800	80.3	93.8	95.8	97.0	97.8	98.0	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
700	80.1	94.0	96.1	97.2	98.2	98.4	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
600	80.1	94.0	96.2	97.4	98.5	98.8	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
500	80.1	94.1	96.2	97.5	98.6	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
400	80.1	94.1	96.2	97.5	98.6	98.8	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
300	80.1	94.1	96.2	97.5	98.6	98.8	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
200	80.1	94.1	96.2	97.5	98.6	98.8	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
100	80.1	94.1	96.2	97.5	98.6	98.8	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	80.1	94.1	96.2	97.5	98.6	98.8	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2069

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	49.2	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000	58.8	63.8	64.1	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
IVIV 18000	59.5	64.4	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
16000	60.3	65.3	65.7	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
IVIV 14000	62.5	67.7	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
12000	64.7	70.4	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IVIV 10000	66.9	73.2	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
9000	67.9	74.7	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
IVIV 8000	69.7	76.9	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
7000	71.4	79.3	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IVIV 6000	72.[illegible]	80.1	80.6	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
5000	73.3	82.3	82.8	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IVIV 4500	73.7	82.8	83.4	83.7	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
4000	75.6	85.3	86.0	86.3	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IVIV 3500	77.1	87.4	88.2	88.6	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
3000	77.9	89.4	90.2	90.6	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IVIV 2500	78.7	91.[illegible]	92.0	92.6	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2000	79.2	92.5	93.6	94.3	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IVIV 1800	79.4	93.0	94.3	94.9	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
1500	79.6	93.5	94.9	95.7	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IVIV 1200	79.8	94.2	96.0	97.0	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	79.9	94.4	96.2	97.3	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVIV 900	79.9	94.4	96.3	97.4	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
800	79.9	94.4	96.4	97.7	98.5	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IVIV 700	79.9	94.4	96.4	97.7	98.5	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
600	79.9	94.4	96.4	97.7	98.6	98.7	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVIV 500	79.9	94.5	96.4	97.8	98.7	98.8	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
400	79.9	94.5	96.4	97.8	98.7	98.8	99.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IVIV 300	79.9	94.5	96.4	97.8	98.7	98.8	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
200	79.9	94.5	96.4	97.8	98.7	98.8	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IVIV 100	79.9	94.5	96.4	97.8	98.7	98.8	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	79.9	94.5	96.4	97.8	98.7	98.8	99.3	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2370

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	57.4	61.3	61.9	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	57.2	69.9	70.7	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
18000	57.8	70.6	71.4	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
16000	58.1	71.3	71.9	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
14000	59.4	72.8	73.7	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
12000	60.8	74.8	75.9	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
10000	62.3	77.1	78.2	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
9000	62.9	78.6	79.9	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
8000	64.4	80.7	82.1	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
7000	65.1	82.0	83.5	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
6000	65.4	82.6	84.2	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
5000	66.1	84.2	85.8	86.5	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4500	66.2	84.7	86.4	87.1	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4000	67.1	86.5	88.2	88.9	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3500	67.4	87.1	88.9	89.7	90.1	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
3000	67.7	88.6	90.4	91.3	91.7	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2500	68.4	90.2	92.1	93.0	93.5	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
2000	68.6	90.8	92.9	93.9	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
1800	68.7	91.1	93.2	94.4	95.0	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1500	68.8	91.6	94.2	95.4	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
1200	68.9	91.9	94.6	96.0	96.8	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000	69.1	92.0	94.8	96.3	97.2	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
900	69.1	92.2	95.0	96.5	97.4	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800	69.3	92.4	95.3	96.9	97.9	98.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
700	69.4	92.4	95.4	97.0	98.1	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
600	69.5	92.4	95.5	97.1	98.2	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	69.4	92.4	95.5	97.1	98.2	98.4	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	69.6	92.5	95.5	97.1	98.3	98.5	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
300	69.6	92.5	95.5	97.1	98.3	98.5	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	69.6	92.5	95.5	97.1	98.3	98.5	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	69.4	92.5	95.5	97.1	98.3	98.5	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	69.4	92.5	95.6	97.2	98.3	98.5	99.3	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2670

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	45.8	65.7	68.2	69.0	69.2	69.3	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 20000	49.3	71.7	73.2	74.2	74.4	74.5	74.9	75.1	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 18000	49.9	71.4	73.9	74.8	75.0	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 16000	50.2	71.7	74.3	75.2	75.4	75.5	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	51.7	73.4	76.0	76.9	77.2	77.3	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0
≥ 12000	52.1	75.3	78.0	78.9	79.2	79.3	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.1
≥ 10000	52.8	77.6	80.6	81.6	82.0	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.8
≥ 9000	53.1	78.4	81.5	82.4	82.9	83.0	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 8000	53.8	79.7	82.7	83.8	84.2	84.3	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.1
≥ 7000	54.4	80.8	84.0	85.1	85.5	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.4
≥ 6000	54.6	81.6	85.0	86.1	86.6	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.4
≥ 5000	54.9	82.5	85.8	87.2	87.9	88.0	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 4500	55.2	83.2	86.6	88.0	88.6	88.7	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 4000	55.8	84.2	87.9	89.3	89.9	90.1	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 3500	56.1	85.1	88.8	90.3	91.0	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	92.0
≥ 3000	56.3	85.9	89.6	91.1	91.8	92.0	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 2500	56.5	86.6	90.6	92.2	92.9	93.0	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 2000	56.7	87.7	91.8	93.4	94.3	94.4	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.5
≥ 1800	56.7	87.9	92.1	93.9	94.8	94.9	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.0
≥ 1500	56.7	88.1	92.4	94.2	95.1	95.3	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 1200	56.8	88.6	93.0	94.9	95.8	96.0	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 1000	56.8	88.7	93.2	95.2	96.2	96.4	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.5
≥ 900	56.8	88.8	93.3	95.3	96.4	96.6	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 800	56.8	88.9	93.4	95.5	96.7	96.9	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 700	56.8	89.1	93.6	95.7	96.9	97.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 600	56.8	89.2	93.7	95.9	97.0	97.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 500	56.8	89.4	93.9	96.2	97.4	97.6	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 400	56.8	89.5	94.0	96.2	97.5	97.7	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.6
≥ 300	56.8	89.5	94.0	96.2	97.5	97.8	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.7
≥ 200	56.8	89.5	94.0	96.2	97.5	97.8	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.9
≥ 100	56.8	89.5	94.0	96.2	97.5	97.8	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.9
0	56.8	89.5	94.0	96.2	97.5	97.8	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2367

1210WS FORM JUL 54 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	35.8	62.8	66.7	69.7	71.1	71.2	71.7	71.9	72.0	72.1	72.1	72.1	72.3	72.3	72.5	72.8
≥ 20000	38.0	65.7	69.8	72.8	74.3	74.4	74.9	75.1	75.2	75.3	75.3	75.3	75.4	75.4	75.7	75.9
< 20000 ≥ 18000	38.4	65.8	69.9	72.9	74.4	74.5	75.0	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.8	76.0
< 18000 ≥ 16000	38.3	66.1	70.2	73.2	74.6	74.7	75.2	75.5	75.6	75.7	75.7	75.7	75.8	75.8	76.1	76.3
< 16000 ≥ 14000	39.2	67.2	71.3	74.3	75.8	75.9	76.4	76.6	76.7	76.8	76.8	76.8	76.9	76.9	77.2	77.4
< 14000 ≥ 12000	40.1	68.7	72.9	75.9	77.4	77.4	78.0	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.8	79.0
< 12000 ≥ 10000	41.8	70.4	74.6	77.6	79.0	79.1	79.6	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.5	80.7
< 10000 ≥ 9000	41.1	71.0	75.2	78.2	79.7	79.8	80.3	80.5	80.6	80.7	80.7	80.7	80.9	80.9	81.1	81.4
< 9000 ≥ 8000	42.0	72.9	77.1	80.1	81.5	81.7	82.3	82.5	82.6	82.7	82.7	82.7	82.8	82.8	83.1	83.3
< 8000 ≥ 7000	42.5	74.1	78.3	81.3	82.8	83.0	83.6	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.4	84.7
< 7000 ≥ 6000	43.2	75.4	79.7	82.8	84.3	84.4	85.0	85.3	85.4	85.4	85.5	85.5	85.6	85.6	85.9	86.1
< 6000 ≥ 5000	43.8	76.6	81.1	84.4	85.9	86.1	86.7	86.9	87.0	87.1	87.1	87.1	87.3	87.3	87.6	87.8
< 5000 ≥ 4500	44.1	77.2	81.7	84.9	86.5	86.6	87.2	87.5	87.6	87.6	87.7	87.7	87.8	87.8	88.1	88.3
< 4500 ≥ 4000	44.5	77.9	82.5	85.9	87.5	87.6	88.2	88.4	88.5	88.6	88.7	88.7	88.8	88.8	89.1	89.3
< 4000 ≥ 3500	44.6	78.3	83.1	86.7	88.3	88.6	89.2	89.5	89.6	89.7	89.7	89.7	89.8	89.9	90.1	90.4
< 3500 ≥ 3000	44.8	79.1	84.0	87.6	89.4	89.8	90.5	90.7	90.8	90.9	91.0	91.0	91.1	91.1	91.4	91.6
< 3000 ≥ 2500	45.0	79.8	84.7	88.4	90.2	90.6	91.2	91.5	91.6	91.7	91.7	91.7	91.9	91.9	92.1	92.4
< 2500 ≥ 2000	45.4	80.7	85.8	89.5	91.4	91.8	92.5	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.4	93.6
< 2000 ≥ 1800	45.4	80.9	86.0	89.7	91.6	92.0	92.7	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.6	93.8
< 1800 ≥ 1500	45.7	81.6	86.7	90.5	92.4	92.8	93.5	93.7	93.8	93.9	94.0	94.0	94.1	94.1	94.4	94.6
< 1500 ≥ 1200	45.8	82.3	87.5	91.3	93.3	93.7	94.5	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.4	95.6
< 1200 ≥ 1000	45.8	82.5	87.7	91.7	93.8	94.2	95.0	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.9	96.2
< 1000 ≥ 900	45.8	82.9	88.2	92.1	94.4	94.9	95.6	95.9	96.0	96.1	96.1	96.1	96.3	96.3	96.5	96.8
< 900 ≥ 800	45.8	83.2	88.6	92.6	94.9	95.4	96.2	96.4	96.5	96.6	96.7	96.7	96.8	96.8	97.1	97.3
< 800 ≥ 700	45.8	83.2	88.7	92.7	95.2	95.6	96.4	96.6	96.7	96.8	96.9	96.9	97.1	97.1	97.3	97.6
< 700 ≥ 600	45.8	83.6	89.1	93.3	95.8	96.2	97.0	97.2	97.3	97.4	97.5	97.5	97.7	97.7	97.9	98.2
< 600 ≥ 500	45.8	83.9	89.4	93.6	96.2	96.6	97.4	97.7	97.8	97.8	97.9	97.9	98.1	98.1	98.4	98.6
< 500 ≥ 400	45.8	83.9	89.4	93.6	96.2	96.6	97.5	97.8	97.9	98.0	98.1	98.1	98.3	98.3	98.5	98.8
< 400 ≥ 300	45.8	83.9	89.5	93.7	96.4	96.8	97.7	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.8	99.1
< 300 ≥ 200	45.8	83.9	89.5	93.7	96.4	96.8	97.8	98.2	98.3	98.5	98.6	98.6	98.8	98.8	99.1	99.3
< 200 ≥ 100	45.8	83.9	89.5	93.7	96.4	96.8	97.8	98.2	98.3	98.5	98.7	98.7	98.9	98.9	99.2	99.5
< 100 0	45.8	83.9	89.5	93.7	96.4	96.8	97.8	98.2	98.3	98.5	98.7	98.7	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2137

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSO ETC

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	26.7	53.1	57.5	62.2	64.8	65.4	66.0	66.5	66.5	67.0	67.2	67.2	67.6	67.6	68.0	68.6
≥ 20000	28.1	56.1	60.6	65.4	68.1	68.6	69.2	69.8	69.8	70.3	70.5	70.5	70.9	70.9	71.3	71.9
18000	28.1	56.1	60.6	65.5	68.1	68.6	69.2	69.8	69.8	70.4	70.5	70.5	70.9	70.9	71.3	72.0
16000	28.1	56.1	60.7	65.5	68.2	68.7	69.3	69.9	69.9	70.5	70.6	70.6	71.0	71.0	71.4	72.1
14000	28.6	57.1	61.7	66.5	69.2	69.7	70.3	70.9	70.9	71.4	71.6	71.6	72.0	72.0	72.4	73.1
12000	29.6	58.8	63.5	68.3	71.0	71.5	72.1	72.7	72.7	73.3	73.4	73.4	73.8	73.8	74.2	74.9
10000	30.5	60.6	65.4	70.2	72.9	73.4	74.1	74.7	74.7	75.2	75.4	75.4	75.7	75.7	76.2	76.8
9000	30.9	61.5	66.3	71.2	74.1	74.6	75.2	75.8	75.8	76.3	76.5	76.5	76.9	76.9	77.3	78.0
8000	31.4	63.1	68.0	73.0	75.9	76.4	77.0	77.7	77.7	78.2	78.4	78.4	78.7	78.7	79.1	79.8
7000	31.9	64.5	69.8	74.9	77.8	78.3	79.0	79.6	79.6	80.1	80.3	80.3	80.6	80.6	81.1	81.8
6000	32.4	65.4	70.9	76.0	78.9	79.4	80.0	80.7	80.7	81.2	81.4	81.4	81.8	81.8	82.2	82.9
5000	33.1	67.2	72.7	77.9	80.8	81.3	82.0	82.7	82.7	83.2	83.4	83.4	83.7	83.7	84.2	84.9
4500	33.5	68.2	73.6	78.9	81.8	82.3	83.0	83.6	83.6	84.2	84.3	84.3	84.7	84.7	85.2	85.8
4000	33.6	68.6	74.1	79.3	82.3	82.8	83.5	84.2	84.2	84.7	84.9	84.9	85.3	85.3	85.7	86.4
3500	33.8	69.1	74.7	80.0	83.0	83.5	84.3	85.0	85.0	85.5	85.7	85.7	86.1	86.1	86.5	87.2
3000	34.1	69.9	75.5	80.8	84.0	84.5	85.4	86.0	86.0	86.5	86.7	86.7	87.1	87.1	87.6	88.2
2500	34.3	70.8	76.5	82.1	85.3	85.8	86.7	87.3	87.3	87.9	88.1	88.1	88.5	88.5	88.9	89.6
2000	34.8	72.3	78.1	83.9	87.1	87.8	88.6	89.2	89.2	89.8	90.0	90.0	90.4	90.4	90.8	91.5
1800	34.9	72.4	78.2	84.0	87.2	87.9	88.7	89.3	89.3	89.9	90.1	90.1	90.5	90.5	90.9	91.6
1500	35.1	73.3	79.1	84.9	88.2	88.9	89.8	90.4	90.4	91.0	91.2	91.2	91.5	91.5	92.0	92.7
1200	35.3	74.5	80.5	86.4	89.9	90.6	91.6	92.3	92.3	92.8	93.0	93.0	93.4	93.4	93.9	94.5
1000	35.3	75.0	81.1	87.1	90.8	91.5	92.4	93.1	93.1	93.7	93.9	93.9	94.2	94.2	94.7	95.4
900	35.3	75.1	81.3	87.4	91.2	91.9	92.8	93.5	93.5	94.1	94.3	94.3	94.7	94.7	95.1	95.8
800	35.4	75.5	81.9	88.0	91.8	92.5	93.5	94.2	94.2	94.8	95.0	95.0	95.3	95.3	95.8	96.4
700	35.4	75.6	82.1	88.3	92.1	92.8	93.9	94.6	94.6	95.2	95.4	95.4	95.7	95.7	96.2	96.9
600	35.4	75.8	82.3	88.5	92.5	93.2	94.3	95.0	95.0	95.7	95.8	95.8	96.2	96.2	96.7	97.3
500	35.4	75.9	82.4	88.7	92.7	93.4	94.6	95.4	95.4	96.0	96.2	96.2	96.6	96.6	97.1	97.7
400	35.4	75.9	82.4	88.7	92.8	93.5	94.8	95.6	95.6	96.3	96.4	96.4	96.8	96.8	97.3	97.9
300	35.4	76.1	82.6	88.9	92.9	93.6	94.9	95.8	95.8	96.5	96.7	96.7	97.1	97.1	97.6	98.3
200	35.4	76.1	82.6	88.9	92.9	93.7	95.0	96.0	96.0	96.8	97.0	97.1	97.5	97.5	98.0	98.7
100	35.4	76.1	82.6	88.9	92.9	93.7	95.0	96.0	96.0	96.8	97.1	97.1	97.7	97.7	98.1	98.8
0	35.4	76.1	82.6	88.9	92.9	93.7	95.0	96.0	96.0	96.8	97.1	97.1	97.7	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	27.2	44.8	48.4	52.0	54.7	55.3	56.8	58.1	58.1	58.6	58.9	58.9	59.1	59.1	59.3	59.7
≥ 20000	28.8	48.0	51.8	55.8	58.7	59.4	61.0	62.5	62.5	63.1	63.4	63.4	63.6	63.6	63.9	64.3
IVIV 18000	28.8	48.1	51.9	55.9	58.8	59.5	61.1	62.6	62.6	63.2	63.5	63.5	63.7	63.7	64.0	64.4
16000	29.2	48.5	52.3	56.3	59.2	59.9	61.5	63.0	63.0	63.6	63.9	63.9	64.1	64.1	64.4	64.8
IVIV 14000	29.7	49.3	53.2	57.2	60.2	60.8	62.5	63.9	64.0	64.5	64.8	64.8	65.0	65.0	65.3	65.7
12000	30.5	50.8	54.7	58.7	61.7	62.3	64.0	65.4	65.5	66.0	66.3	66.3	66.5	66.5	66.8	67.2
IVIV 10000	31.7	52.4	56.3	60.4	63.3	64.0	65.6	67.1	67.2	67.7	68.1	68.1	68.3	68.3	68.5	69.0
9000	32.4	53.7	57.7	61.8	64.7	65.4	67.0	68.6	68.6	69.2	69.5	69.5	69.7	69.7	70.0	70.4
IVIV 8000	33.3	55.5	59.8	64.0	67.1	67.7	69.5	71.0	71.1	71.7	72.0	72.0	72.2	72.2	72.5	72.9
7000	34.0	56.9	61.3	65.7	68.9	69.6	71.4	73.0	73.1	73.7	74.1	74.1	74.2	74.2	74.5	74.9
IVIV 6000	34.6	57.9	62.5	67.0	70.3	71.0	72.8	74.4	74.5	75.1	75.5	75.5	75.6	75.6	75.9	76.3
5000	35.5	60.6	65.3	69.9	73.4	74.0	75.8	77.4	77.5	78.2	78.5	78.5	78.7	78.7	79.0	79.4
IVIV 4500	35.9	61.2	65.9	70.6	74.1	74.8	76.6	78.2	78.3	79.0	79.3	79.3	79.5	79.5	79.8	80.2
4000	36.5	62.2	67.0	71.8	75.3	76.0	77.9	79.5	79.6	80.2	80.6	80.6	80.8	80.8	81.1	81.5
IVIV 3500	37.3	63.7	68.7	73.4	77.0	77.7	79.7	81.3	81.3	82.0	82.4	82.4	82.6	82.6	82.8	83.3
3000	37.6	64.5	69.6	74.5	78.2	78.8	80.8	82.4	82.5	83.2	83.5	83.5	83.7	83.7	84.0	84.4
IVIV 2500	38.5	66.1	71.2	76.3	80.1	80.7	82.7	84.4	84.5	85.2	85.6	85.6	85.8	85.8	86.2	86.6
2000	39.1	67.4	72.7	77.8	81.7	82.4	84.5	86.2	86.3	87.0	87.5	87.5	87.7	87.7	88.0	88.4
IVIV 1800	39.3	67.8	73.1	78.2	82.1	82.8	84.9	86.6	86.7	87.4	87.9	87.9	88.1	88.1	88.4	88.8
1500	40.1	69.2	74.6	79.9	83.9	84.7	86.9	88.7	88.8	89.5	89.9	89.9	90.1	90.1	90.5	90.9
IVIV 1200	40.5	70.7	76.1	81.7	85.8	86.7	88.9	90.8	90.9	91.6	92.1	92.1	92.2	92.2	92.6	93.0
1000	40.6	70.9	76.3	82.2	86.4	87.3	89.8	91.7	91.9	92.6	93.0	93.0	93.2	93.2	93.5	94.0
IVIV 900	40.6	71.1	76.6	82.7	86.9	87.8	90.3	92.2	92.4	93.1	93.6	93.6	93.8	93.8	94.2	94.6
800	40.6	71.4	77.0	83.1	87.4	88.3	90.8	92.8	92.9	93.7	94.2	94.2	94.4	94.4	94.8	95.2
IVIV 700	40.6	71.6	77.2	83.4	87.6	88.6	91.3	93.3	93.4	94.2	94.8	94.8	95.0	95.0	95.3	95.7
600	40.6	71.8	77.4	83.5	87.8	88.9	91.7	93.8	94.0	95.0	95.7	95.7	95.9	95.9	96.2	96.6
IVIV 500	40.7	71.9	77.7	83.9	88.3	89.3	92.2	94.4	94.6	95.7	96.4	96.4	96.7	96.7	97.0	97.4
400	40.7	71.9	77.7	83.9	88.3	89.4	92.4	94.6	94.8	96.0	96.7	96.7	97.0	97.0	97.3	97.7
IVIV 300	40.7	72.0	77.7	83.9	88.4	89.5	92.5	94.7	94.9	96.2	97.1	97.1	97.3	97.3	97.7	98.3
200	40.7	72.0	77.7	83.9	88.4	89.5	92.5	94.7	94.9	96.2	97.1	97.2	97.5	97.5	97.8	98.9
IVIV 100	40.7	72.0	77.7	83.9	88.4	89.5	92.5	94.7	94.9	96.2	97.1	97.2	97.5	97.5	97.9	99.1
0	40.8	72.0	77.7	84.0	88.5	89.5	92.6	94.8	95.0	96.3	97.1	97.2	97.5	97.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	42.7	55.8	57.5	58.5	58.9	58.9	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 20000	46.1	60.8	62.7	63.9	64.6	64.6	65.0	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3
18000	46.1	60.8	62.7	63.9	64.6	64.6	65.0	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3
16000	46.3	61.0	62.9	64.1	64.7	64.8	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5
14000	47.1	61.9	63.9	65.1	65.8	65.8	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5
12000	48.3	63.5	65.5	66.8	67.4	67.5	67.8	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.2
10000	50.4	65.7	67.7	69.0	69.6	69.7	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.4
9000	50.7	66.6	68.6	69.9	70.5	70.6	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
8000	51.8	68.5	70.7	72.0	72.7	72.8	73.3	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6
7000	52.6	70.1	72.4	73.8	74.5	74.6	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.5
6000	53.3	71.0	73.4	74.9	75.7	75.8	76.4	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
5000	54.6	72.7	75.2	76.7	77.5	77.7	78.4	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.7
4500	55.1	73.4	75.8	77.4	78.1	78.3	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.4
4000	55.9	74.7	77.2	78.8	79.5	79.7	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.8
3500	56.8	76.0	78.5	80.1	80.9	81.1	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1
3000	58.0	77.6	80.1	81.8	82.6	82.8	83.5	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.9
2500	58.9	79.0	81.6	83.4	84.2	84.4	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6
2000	60.3	82.1	85.0	86.9	88.0	88.3	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.4
1800	61.6	82.7	85.6	87.5	88.6	88.9	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
1500	61.3	84.5	87.5	89.4	90.6	91.0	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2
1200	61.8	86.0	89.1	91.3	92.6	92.9	93.8	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.4
1000	62.0	86.6	89.9	92.1	93.7	94.0	95.0	95.2	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6
900	62.2	87.0	90.4	92.7	94.3	94.6	95.6	95.8	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2
800	62.3	87.4	90.8	93.1	94.8	95.1	96.1	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.8
700	62.3	87.8	91.4	93.6	95.3	95.7	96.7	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4
600	62.3	88.0	91.5	94.0	95.7	96.1	97.1	97.5	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.1
500	62.3	88.0	91.6	94.1	95.9	96.3	97.6	98.0	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7
400	62.3	88.1	91.8	94.3	96.2	96.6	97.9	98.4	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.3
300	62.3	88.1	91.8	94.4	96.2	96.6	98.0	98.6	98.7	99.4	99.5	99.6	99.6	99.6	99.7	99.7
200	62.3	88.1	91.8	94.4	96.2	96.6	98.1	98.6	98.7	99.5	99.6	99.7	99.7	99.8	99.9	100.0
100	62.3	88.1	91.8	94.4	96.2	96.6	98.1	98.6	98.7	99.5	99.7	99.7	99.8	99.8	99.9	100.0
0	62.3	88.1	91.8	94.4	96.2	96.6	98.1	98.6	98.7	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	49.9	57.7	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	55.4	64.7	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IVIV 18000	55.7	65.1	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
16000	55.9	65.2	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IVIV 14000	56.5	65.9	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
12000	58.2	67.8	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IVIV 10000	59.7	69.5	70.1	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
9000	60.1	70.1	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IVIV 8000	61.5	71.8	72.5	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
7000	62.7	73.3	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IVIV 6000	63.5	74.4	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
5000	65.3	76.7	77.5	77.8	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IVIV 4500	66.3	77.8	78.7	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
4000	67.8	80.0	80.9	81.1	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IVIV 3500	69.7	82.3	83.2	83.4	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
3000	71.1	84.7	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IVIV 2500	72.6	87.3	88.4	88.6	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
2000	73.7	89.5	90.7	91.0	91.4	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IVIV 1800	73.9	89.9	91.2	91.4	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
1500	74.4	91.3	92.8	93.2	93.6	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IVIV 1200	74.8	92.8	94.7	95.2	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1000	74.9	93.3	95.4	96.0	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IVIV 900	75.0	93.7	95.8	96.4	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
800	75.0	93.7	96.0	96.5	97.5	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IVIV 700	75.1	93.9	96.2	96.7	97.7	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
600	75.1	93.9	96.2	96.8	97.8	97.8	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IVIV 500	75.1	94.0	96.3	97.1	98.2	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
400	75.1	94.0	96.3	97.2	98.4	98.5	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVIV 300	75.1	94.0	96.3	97.2	98.5	98.6	99.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
200	75.1	94.0	96.3	97.2	98.5	98.6	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.
IVIV 100	75.1	94.0	96.3	97.2	98.5	98.6	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	75.1	94.0	96.3	97.2	98.5	98.6	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2138

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	53.8	61.1	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	60.2	69.5	69.8	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
18000	60.5	69.7	70.0	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
16000	60.9	70.2	70.5	70.6	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
14000	61.3	70.9	71.2	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
12000	63.1	73.0	73.3	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
10000	64.6	74.9	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
9000	65.4	75.8	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
8000	66.5	77.4	77.7	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
7000	67.8	79.1	79.5	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
6000	68.5	80.1	80.6	80.7	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
5000	70.1	82.2	82.7	82.9	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
4500	70.9	83.3	83.9	84.1	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
4000	72.2	85.2	85.9	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
3500	73.3	86.8	87.6	88.1	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
3000	74.8	89.2	90.1	90.7	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
2500	75.4	90.3	91.4	92.1	92.5	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
2000	75.9	91.1	92.5	93.4	93.9	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1800	76.0	91.4	92.8	93.7	94.3	94.3	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1500	76.3	92.4	93.9	94.9	95.5	95.5	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1200	76.4	92.8	94.4	95.4	96.0	96.1	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1000	76.4	93.3	94.9	96.0	96.8	96.8	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
900	76.5	93.4	95.0	96.2	97.0	97.1	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
800	76.5	93.4	95.1	96.4	97.3	97.4	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
700	76.5	93.4	95.2	96.5	97.4	97.5	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
600	76.5	93.5	95.2	96.5	97.6	97.7	98.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
500	76.6	93.6	95.4	96.7	97.8	97.9	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
400	76.6	93.6	95.4	96.8	97.9	98.0	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
300	76.6	93.6	95.4	96.8	98.0	98.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
200	76.6	93.6	95.4	96.8	98.0	98.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
100	76.6	93.6	95.4	96.8	98.0	98.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	76.6	93.6	95.4	96.8	98.0	98.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	50.7	67.1	68.3	68.8	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 20000	53.3	71.2	72.4	72.9	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
18000	53.4	71.4	72.6	73.1	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
16000	53.8	71.9	73.1	73.6	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
14000	54.5	72.9	74.2	74.7	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
12000	55.2	74.1	75.4	76.0	76.2	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
10000	56.5	76.1	77.4	78.1	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
9000	56.9	76.9	78.2	78.9	79.1	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
8000	57.9	78.1	79.5	80.2	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
7000	58.6	79.4	80.8	81.5	81.8	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
6000	59.3	80.7	82.3	83.1	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
5000	60.9	82.9	84.6	85.4	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
4500	61.4	84.2	85.9	86.8	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
4000	62.4	85.8	87.6	88.7	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
3500	63.1	87.1	88.9	90.0	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
3000	63.4	88.1	90.1	91.4	91.7	91.8	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92 1	92.1
2500	63.7	89.2	91.3	92.8	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
2000	64.0	90.2	92.3	94.1	94.7	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1800	64.0	90.4	92.5	94.4	95.0	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1500	64.1	91.1	93.2	95.2	95.8	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1200	64.2	91.6	93.8	95.9	96.8	96.9	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1000	64.2	91.7	93.9	96.1	97.1	97.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
900	64.2	91.7	93.9	96.2	97.2	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800	64.2	91.7	94.1	96.3	97.4	97.5	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
700	64.2	91.9	94.2	96.5	97.6	97.7	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
600	64.2	92.0	94.4	96.7	97.8	97.9	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
500	64.2	92.0	94.4	96.7	97.8	98.0	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	64.2	92.0	94.4	96.7	97.9	98.0	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
300	64.2	92.0	94.6	96.9	98.0	98.2	99.3	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
200	64.2	92.1	94.6	96.9	98.1	98.2	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	64.2	92.1	94.6	96.9	98.1	98.2	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	64.2	92.1	94.6	96.9	98.1	98.2	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	44.5	68.1	70.3	71.9	72.4	72.4	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 20000	46.3	70.5	72.9	74.4	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.5
18000	46.4	70.6	73.0	74.5	75.0	75.1	75.3	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.6
16000	46.4	70.7	73.1	74.6	75.1	75.2	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.7
14000	47.3	71.9	74.3	75.8	76.3	76.4	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.9
12000	48.1	73.4	75.9	77.5	78.0	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.6
10000	49.2	74.8	77.3	78.9	79.4	79.5	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	80.0
9000	49.5	75.5	78.0	79.6	80.1	80.2	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.7
8000	50.6	77.3	79.8	81.4	81.9	82.0	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.5	82.6
7000	51.3	79.1	81.6	83.2	83.8	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.5
6000	51.9	80.2	82.9	84.6	85.3	85.3	85.5	85.5	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.9
5000	52.9	81.8	84.6	86.5	87.2	87.2	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8
4500	53.4	83.0	85.9	87.9	88.6	88.6	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.2
4000	53.8	84.1	87.0	89.1	89.9	89.9	90.2	90.2	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.6
3500	53.9	84.5	87.5	89.7	90.5	90.5	90.7	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.1	91.2
3000	54.3	85.6	88.6	90.8	91.7	91.8	92.0	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.5
2500	54.7	86.4	89.5	91.7	92.7	92.8	93.0	93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.5
2000	55.1	87.4	90.6	92.8	93.9	94.0	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.8
1800	55.1	87.7	90.8	93.2	94.3	94.4	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.1	95.2
1500	55.1	88.5	91.7	94.2	95.3	95.4	95.7	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.2
1200	55.1	89.0	92.2	94.8	96.1	96.2	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.1
1000	55.1	89.2	92.5	95.2	96.5	96.6	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4
900	55.1	89.3	92.5	95.2	96.5	96.6	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.4	97.5
800	55.1	89.4	92.6	95.3	96.7	96.8	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.7
700	55.1	89.5	92.8	95.5	96.9	97.0	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9	98.0
600	55.1	89.7	93.0	95.8	97.3	97.4	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.6
500	55.1	89.8	93.2	96.1	97.5	97.7	98.2	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.8
400	55.1	89.9	93.4	96.3	97.8	97.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.3	99.3
300	55.1	89.9	93.4	96.3	97.9	98.0	98.6	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.6
200	55.1	89.9	93.4	96.3	97.9	98.0	98.6	99.0	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.7
100	55.1	89.9	93.4	96.3	97.9	98.0	98.6	99.0	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.7
0	55.1	89.9	93.4	96.3	97.9	98.0	98.6	99.0	99.0	99.4	99.4	99.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2138

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	8.8	47.8	51.2	54.5	55.7	55.9	56.6	56.9	56.9	57.1	57.1	57.1	57.2	57.2	57.3	58.0
≥ 20000	30.5	51.6	55.3	58.7	59.9	60.1	60.9	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.5	62.3
18000	30.5	51.7	55.3	58.8	60.0	60.2	60.9	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.6	62.3
16000	30.7	52.0	55.6	59.1	60.3	60.5	61.2	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.9	62.6
14000	31.1	53.1	56.8	60.3	61.6	61.8	62.7	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.3	64.1
12000	31.7	54.2	58.0	61.4	62.7	62.9	63.8	64.1	64.1	64.2	64.3	64.3	64.4	64.4	64.5	65.3
10000	32.6	55.6	59.4	62.8	64.1	64.3	65.3	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.9	66.7
9000	33.2	56.4	60.2	63.7	65.0	65.2	66.1	66.4	66.4	66.6	66.6	66.6	66.7	66.7	66.7	67.6
8000	34.1	58.2	62.1	65.5	66.8	67.0	68.0	68.3	68.3	68.5	68.5	68.5	68.6	68.6	68.7	69.5
7000	35.2	60.4	64.4	68.1	69.5	69.6	70.6	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.3	72.1
6000	35.6	61.6	65.6	69.5	70.9	71.0	72.0	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.7	73.5
5000	36.5	64.1	68.2	72.1	73.6	73.8	74.8	75.1	75.1	75.4	75.4	75.4	75.5	75.5	75.6	76.4
4500	37.1	65.7	69.9	73.9	75.4	75.6	76.6	76.8	76.8	77.2	77.3	77.3	77.3	77.3	77.4	78.3
4000	37.6	67.8	72.1	76.4	78.0	78.2	79.2	79.5	79.5	79.9	79.9	79.9	80.0	80.0	80.1	80.9
3500	38.0	69.0	73.5	77.8	79.5	79.7	80.7	81.1	81.1	81.5	81.5	81.5	81.6	81.6	81.7	82.5
3000	38.6	70.6	75.4	79.7	81.4	81.6	82.7	83.2	83.2	83.6	83.7	83.7	83.7	83.7	83.8	84.6
2500	38.9	71.7	76.6	81.2	83.0	83.2	84.3	84.7	84.8	85.2	85.3	85.3	85.3	85.3	85.4	86.2
2000	39.2	73.4	78.4	83.3	85.3	85.5	86.7	87.1	87.1	87.6	87.6	87.6	87.7	87.7	87.8	88.6
1800	39.2	73.9	79.1	84.0	86.1	86.3	87.4	87.9	87.9	88.4	88.4	88.4	88.4	88.4	88.5	89.4
1500	39.7	75.9	81.2	86.0	88.3	88.5	89.7	90.1	90.1	90.6	90.6	90.6	90.7	90.7	90.8	91.6
1200	40.1	77.3	82.6	87.9	90.3	90.5	91.6	92.1	92.1	92.6	92.6	92.6	92.7	92.7	92.8	93.6
1000	40.1	77.9	83.4	88.7	91.2	91.4	92.6	93.0	93.1	93.5	93.6	93.6	93.6	93.6	93.7	94.5
900	40.1	78.1	83.6	88.9	91.6	91.8	93.1	93.6	93.7	94.1	94.2	94.2	94.2	94.2	94.3	95.1
800	40.1	78.3	83.8	89.2	92.0	92.2	93.5	94.0	94.1	94.5	94.5	94.5	94.6	94.6	94.7	95.5
700	40.1	78.4	84.0	89.6	92.4	92.6	94.0	94.5	94.5	95.0	95.0	95.0	95.1	95.1	95.2	96.0
600	40.2	78.6	84.2	89.9	92.9	93.1	94.7	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.8	96.7
500	40.2	78.8	84.6	90.3	93.6	93.9	95.4	95.9	95.9	96.4	96.5	96.5	96.5	96.5	96.6	97.5
400	40.2	78.9	84.7	90.5	93.8	94.2	95.8	96.3	96.4	96.9	97.1	97.1	97.1	97.1	97.2	98.1
300	40.2	79.0	84.7	90.6	94.2	94.7	96.4	97.0	97.1	97.6	97.8	97.8	98.0	98.0	98.1	98.9
200	40.2	79.0	84.7	90.6	94.2	94.8	96.6	97.3	97.3	98.0	98.2	98.2	98.4	98.4	98.6	99.6
100	40.2	79.3	84.7	90.6	94.2	94.8	96.6	97.3	97.4	98.1	98.4	98.4	98.6	98.6	98.8	99.8
0	40.2	79.0	84.7	90.6	94.2	94.8	96.6	97.3	97.4	98.1	98.4	98.4	98.6	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2069

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	25.6	43.9	47.6	51.0	52.9	52.9	53.7	54.1	54.3	54.6	54.7	54.7	54.8	54.9	55.3	56.2
≥ 20000	27.1	46.5	50.4	53.9	55.9	56.0	56.8	57.2	57.4	57.8	57.8	57.8	58.0	58.0	58.4	59.3
AVV 18000	27.1	46.7	50.5	54.1	56.1	56.1	56.9	57.4	57.6	57.9	58.0	58.0	58.1	58.2	58.6	59.5
16000	27.1	46.8	50.7	54.3	56.3	56.4	57.1	57.6	57.8	58.2	58.2	58.2	58.4	58.4	58.8	59.7
AVV 14000	27.6	47.8	51.8	55.4	57.4	57.5	58.4	58.8	59.0	59.4	59.4	59.4	59.6	59.6	60.0	60.9
12000	28.3	49.4	53.4	57.1	59.2	59.3	60.1	60.7	60.9	61.2	61.3	61.3	61.4	61.4	61.8	62.8
AVV 10000	28.8	50.9	54.9	58.6	60.7	60.9	61.7	62.3	62.5	62.8	62.9	62.9	63.0	63.0	63.4	64.3
9000	29.2	51.3	55.4	59.1	61.3	61.5	62.5	63.2	63.2	63.5	63.6	63.6	63.7	63.8	64.2	65.1
AVV 8000	30.2	53.4	57.8	61.6	63.9	64.1	65.1	65.6	65.8	66.1	66.2	66.2	66.3	66.4	66.9	67.8
7000	31.1	55.3	59.9	63.8	66.1	66.3	67.3	67.8	68.0	68.4	68.4	68.4	68.6	68.6	69.1	70.1
AVV 6000	31.5	56.4	61.0	64.9	67.3	67.5	68.5	69.1	69.2	69.6	69.6	69.6	69.8	69.8	70.3	71.2
5000	32.1	58.7	63.4	67.6	70.2	70.6	71.5	72.1	72.3	72.7	72.8	72.8	72.9	72.9	73.4	74.3
AVV 4500	32.8	59.7	64.6	69.0	71.8	72.1	73.2	73.8	74.0	74.4	74.4	74.4	74.6	74.6	75.1	76.0
4000	33.5	61.2	66.5	71.2	74.0	74.3	75.4	76.0	76.2	76.6	76.7	76.7	76.8	76.9	77.3	78.3
AVV 3500	33.8	62.5	68.0	72.9	75.6	76.0	77.1	77.8	78.1	78.5	78.5	78.5	78.6	78.7	79.2	80.1
3000	34.2	64.1	69.8	74.6	77.4	77.8	79.0	79.7	80.0	80.3	80.4	80.4	80.5	80.6	81.1	82.0
AVV 2500	34.6	65.7	71.5	76.7	79.7	80.1	81.3	82.0	82.3	82.7	82.7	82.7	82.9	82.9	83.4	84.3
2000	35.1	67.9	74.2	79.6	82.9	83.4	84.7	85.4	85.7	86.1	86.1	86.1	86.3	86.3	86.8	87.8
AVV 1800	35.3	68.6	74.8	80.2	83.6	84.1	85.4	86.1	86.4	86.8	86.9	86.9	87.0	87.1	87.5	88.5
1500	35.6	70.2	76.8	82.3	85.6	86.1	87.5	88.2	88.5	88.9	89.0	89.0	89.1	89.2	89.7	90.6
AVV 1200	35.9	71.6	78.4	84.0	87.4	88.0	89.4	90.1	90.4	90.9	90.9	90.9	91.1	91.1	91.6	92.6
1000	36.1	72.5	79.5	85.4	89.1	89.6	91.2	91.9	92.2	92.7	92.7	92.7	92.9	92.9	93.4	94.3
AVV 900	36.1	72.7	79.8	85.7	89.4	90.0	91.5	92.3	92.5	93.0	93.0	93.0	93.2	93.2	93.7	94.7
800	36.1	72.8	80.0	85.8	89.6	90.1	91.7	92.5	92.7	93.3	93.4	93.4	93.5	93.6	94.1	95.0
AVV 700	36.1	72.8	80.0	85.9	89.7	90.2	91.9	92.6	92.9	93.5	93.6	93.6	93.7	93.8	94.3	95.2
600	36.1	72.8	80.2	86.4	90.3	90.9	92.7	93.4	93.7	94.5	94.6	94.6	94.8	94.8	95.3	96.3
AVV 500	36.1	72.9	80.3	86.8	90.9	91.5	93.4	94.2	94.4	95.3	95.3	95.3	95.5	95.6	96.0	97.1
400	36.1	72.9	80.4	87.1	91.2	91.8	93.8	94.5	94.8	95.9	95.9	95.9	96.1	96.2	96.7	97.7
AVV 300	36.1	73.0	80.6	87.3	91.7	92.3	94.3	95.2	95.6	96.8	96.8	96.8	97.1	97.1	97.6	98.6
200	36.1	73.0	80.6	87.3	91.7	92.4	94.6	95.4	95.8	97.1	97.1	97.1	97.5	97.5	98.1	99.2
AVV 100	36.1	73.0	80.6	87.3	91.7	92.4	94.6	95.4	95.8	97.3	97.4	97.4	97.8	97.8	98.4	99.5
0	36.1	73.0	80.6	87.3	91.7	92.4	94.6	95.4	95.8	97.3	97.4	97.4	97.9	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2070

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	22.2	32.8	35.9	38.3	41.9	41.7	44.0	45.1	45.2	45.9	46.2	46.3	46.7	46.7	47.0	47.5
≥ 20000	24.4	36.2	39.5	42.3	45.3	46.1	48.5	49.8	49.9	50.7	51.1	51.1	51.5	51.5	51.8	52.4
18000	24.5	36.5	39.8	42.6	45.6	46.4	48.7	50.0	50.1	51.0	51.4	51.4	51.9	51.9	52.2	52.7
16000	24.7	37.1	40.3	43.2	46.2	47.0	49.3	50.6	50.7	51.6	52.0	52.0	52.5	52.5	52.8	53.3
14000	25.4	38.0	41.4	44.3	47.3	48.3	50.6	51.9	52.0	52.9	53.3	53.3	53.8	53.8	54.1	54.6
12000	26.2	39.6	43.1	46.2	49.4	50.3	52.7	54.1	54.2	55.1	55.5	55.5	55.9	55.9	56.2	56.8
10000	26.9	41.8	44.3	47.5	50.7	51.7	54.2	55.6	55.7	56.5	56.9	57.0	57.4	57.4	57.7	58.3
9000	27.2	41.6	45.1	48.4	51.7	52.8	55.2	56.6	56.7	57.6	58.0	58.0	58.5	58.5	58.7	59.4
8000	28.5	44.1	47.6	50.9	54.3	55.4	57.9	59.3	59.4	60.4	60.8	60.8	61.3	61.3	61.5	62.2
7000	30.1	47.1	50.8	54.3	57.7	58.8	61.5	63.1	63.1	64.1	64.5	64.5	65.0	65.0	65.3	65.9
6000	30.9	48.6	52.5	56.0	59.5	60.6	63.4	64.9	65.0	65.9	66.3	66.4	66.8	66.8	67.1	67.7
5000	32.1	50.6	54.8	58.6	62.2	63.3	66.3	68.0	68.1	69.1	69.5	69.5	70.0	70.0	70.2	70.9
4500	32.3	51.4	55.7	59.8	63.5	64.7	67.7	69.5	69.6	70.7	71.1	71.1	71.5	71.5	71.8	72.5
4000	32.9	52.9	57.5	61.6	65.6	66.8	69.8	71.7	71.8	72.9	73.3	73.3	73.8	73.8	74.1	74.7
3500	33.8	54.5	59.2	63.4	67.4	68.7	71.7	73.7	73.8	74.8	75.2	75.3	75.7	75.7	76.0	76.6
3000	34.3	56.1	60.8	65.0	69.3	70.6	73.7	75.8	75.9	77.0	77.3	77.4	77.8	77.8	78.1	78.7
2500	35.3	57.6	62.6	66.9	71.6	72.9	76.0	78.1	78.2	79.3	79.7	79.7	80.2	80.2	80.5	81.1
2000	36.1	60.1	65.4	69.9	74.7	76.1	79.2	81.4	81.4	82.6	82.9	83.0	83.5	83.5	83.8	84.4
1800	36.3	60.8	66.2	70.8	75.7	77.0	80.2	82.4	82.5	83.6	84.0	84.0	84.5	84.5	84.8	85.4
1500	36.8	62.2	67.9	72.6	77.6	78.9	82.3	84.6	84.7	85.9	86.3	86.4	86.9	86.9	87.2	87.8
1200	37.2	63.6	69.5	74.3	79.5	80.9	84.4	86.7	86.8	88.1	88.5	88.6	89.0	89.0	89.3	90.1
1000	37.3	64.9	71.0	75.9	81.3	82.7	86.3	88.6	88.7	90.1	90.5	90.6	91.1	91.1	91.4	92.1
900	37.3	65.2	71.3	76.3	81.7	83.1	86.8	89.1	89.2	90.6	91.0	91.1	91.5	91.5	91.9	92.6
800	37.3	65.3	71.5	76.5	82.1	83.5	87.3	89.7	89.8	91.3	91.6	91.7	92.2	92.2	92.6	93.2
700	37.4	65.7	71.9	77.1	82.9	84.4	88.2	90.6	90.7	92.2	92.6	92.7	93.2	93.2	93.6	94.2
600	37.4	66.0	72.4	77.5	83.6	85.2	89.1	91.6	91.7	93.3	93.8	93.9	94.5	94.5	94.9	95.6
500	37.4	66.1	72.5	77.9	84.2	85.7	89.8	92.5	92.6	94.3	94.8	94.9	95.6	95.6	96.0	96.7
400	37.4	66.2	72.6	78.1	84.6	86.3	90.4	93.2	93.3	95.3	95.8	95.9	96.6	96.6	97.1	97.7
300	37.4	66.2	72.6	78.1	84.9	86.6	91.0	93.8	93.9	95.9	96.5	96.6	97.3	97.4	97.8	98.5
200	37.4	66.2	72.6	78.1	84.9	86.6	91.0	93.9	94.0	96.1	96.7	96.9	97.6	97.7	98.2	99.0
100	37.4	66.2	72.6	78.1	84.9	86.6	91.0	93.9	94.0	96.1	96.7	96.9	97.7	97.9	98.5	99.3
0	37.4	66.2	72.6	78.1	84.9	86.6	91.0	93.9	94.0	96.1	96.7	96.9	97.8	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2070

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	29.4	4 .4	42.0	43.0	44.2	44.5	45.7	45.8	45.8	45.8	45.9	46.0	46.1	46.1	46.1	46.2
≥ 20000	33.3	45.7	47.5	48.9	50.1	50.5	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.3	52.4	52.5
IVV 18000	33.6	46.1	47.8	49.2	50.4	50.8	52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.6	52.7	52.8
IVV 16000	33.7	46.2	48.0	49.3	50.6	5 .9	52.2	52.3	52.3	52.4	52.5	52.6	52.8	52.8	52.8	52.9
IVV 14000	34.3	47.1	48.9	50.3	51.5	51.9	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.7	53.8	53.9
IVV 12000	35.7	48.8	50.6	52.0	53.3	53.7	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.5	55.6	55.7
IVV 10000	36.9	5 .6	52.5	54.0	55.3	55.7	57.0	57.1	57.1	57.2	57.3	57.4	57.5	57.5	57.6	57.7
IVV 9000	37.5	51.5	53.4	54.9	56.2	56.6	57.9	58.0	58.0	58.1	58.2	58.3	58.5	58.5	58.5	58.6
IVV 8000	39.	53.8	55.7	57.4	58.8	59.2	60.5	60.6	60.6	60.7	60.8	60.9	61.1	61.1	61.1	61.2
IVV 7000	40.3	56.2	58.2	60.0	61.4	61.8	63.1	63.2	63.2	63.3	63.4	63.5	63.7	63.7	63.7	63.8
IVV 6000	41.	57.5	59.7	61.4	62.9	63.3	64.6	64.7	64.7	64.8	64.9	65.0	65.2	65.2	65.2	65.3
IVV 5000	42.2	60.1	62.5	64.2	65.7	66.2	67.4	67.6	67.6	67.7	67.8	67.9	68.1	68.1	68.1	68.2
IVV 4500	42.9	61.2	63.7	65.5	67.1	67.5	68.7	68.9	68.9	69.0	69.1	69.2	69.4	69.4	69.4	69.5
IVV 4000	43.5	62.9	65.5	67.3	68.9	69.4	70.6	70.8	70.8	70.9	71.0	71.1	71.3	71.3	71.3	71.4
IVV 3500	44.9	65.0	67.5	69.6	71.4	71.9	73.2	73.4	73.4	73.5	73.6	73.7	73.9	73.9	73.9	74.0
IVV 3000	46.2	67.0	69.7	71.9	73.7	74.2	75.6	75.7	75.7	75.8	75.9	76.0	76.2	76.2	76.2	76.3
IVV 2500	48.	7 .1	72.9	75.3	77.2	77.7	79.2	79.3	79.4	79.5	79.6	79.7	79.9	79.9	80.0	80.0
IVV 2000	49.6	73.1	76.1	78.6	80.7	81.4	82.9	83.0	83.1	83.2	83.3	83.4	83.6	83.6	83.7	83.8
IVV 1800	49.9	74.1	77.0	79.6	81.7	82.4	84.0	84.2	84.3	84.4	84.5	84.6	84.8	84.8	84.9	85.0
IVV 1500	50.9	76.3	79.6	82.6	84.8	85.5	87.1	87.4	87.6	87.7	87.8	87.9	88.1	88.1	88.3	88.4
IVV 1200	51.2	77.7	81.1	84.6	87.0	87.8	89.5	89.8	90.0	90.1	90.2	90.3	90.5	90.5	90.7	90.8
IVV 1000	51.3	78.4	81.9	85.6	88.1	88.9	90.9	91.3	91.4	91.6	91.7	91.8	92.1	92.1	92.2	92.4
IVV 900	51.4	78.7	82.5	86.3	88.9	89.8	91.9	92.3	92.5	92.7	92.8	92.9	93.1	93.1	93.3	93.4
IVV 800	51.4	79.2	83.0	87.0	89.8	90.8	93.1	93.5	93.7	94.0	94.1	94.2	94.4	94.4	94.5	94.7
IVV 700	51.5	79.6	83.5	87.7	90.6	91.7	94.2	94.6	94.7	95.0	95.1	95.3	95.5	95.5	95.7	95.8
IVV 600	51.5	79.9	83.7	88.0	91.4	92.5	95.0	95.6	95.8	96.2	96.4	96.5	96.8	96.8	97.0	97.1
IVV 500	51.5	80.1	83.8	88.3	91.8	93.1	95.7	96.4	96.7	97.2	97.4	97.5	97.8	97.8	98.0	98.1
IVV 400	51.5	80.1	84.0	88.4	92.1	93.5	96.2	97.0	97.3	97.8	98.0	98.2	98.5	98.5	98.6	98.7
IVV 300	51.5	80.1	84.0	88.4	92.1	93.5	96.2	97.2	97.6	98.2	98.5	98.6	98.9	98.9	99.0	99.2
IVV 200	51.5	80.1	84.0	88.4	92.1	93.5	96.3	97.3	97.7	98.5	98.7	98.9	99.3	99.3	99.5	99.8
IVV 100	51.5	80.1	84.0	88.4	92.1	93.5	96.3	97.3	97.7	98.5	98.8	99.0	99.4	99.4	99.6	99.9
0	51.5	80.1	84.0	88.4	92.1	93.5	96.3	97.3	97.7	98.5	98.8	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2070

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	38.7	46.6	47.3	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 20000	45.5	54.9	55.6	56.0	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
18000	45.8	55.3	56.1	56.4	57.1	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4
16000	46.2	55.8	56.5	56.8	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
14000	47.1	56.8	57.6	57.9	58.6	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9
12000	48.7	58.9	59.8	60.1	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1
10000	50.2	60.8	61.8	62.2	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
9000	50.7	61.5	62.5	62.9	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
8000	51.7	62.8	63.8	64.2	64.9	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
7000	53.4	65.2	66.3	66.7	67.4	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
6000	54.1	66.2	67.4	67.8	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
5000	55.3	68.0	69.4	69.9	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
4500	56.3	69.6	71.1	71.6	72.5	72.5	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8
4000	57.2	71.2	72.8	73.4	74.2	74.3	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
3500	58.7	73.5	75.0	75.8	76.7	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
3000	60.4	75.5	77.1	78.0	79.0	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
2500	62.5	79.0	80.8	81.8	82.8	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3
2000	64.3	82.7	84.7	85.6	86.8	86.9	87.0	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1800	64.8	83.6	85.6	86.7	87.8	87.9	88.1	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
1500	65.1	85.0	87.2	88.4	90.1	90.2	90.4	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
1200	65.2	85.7	88.4	89.9	91.5	91.6	91.9	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5
1000	65.3	86.6	89.4	91.0	93.0	93.2	93.5	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
900	65.4	86.8	89.7	91.3	93.4	93.5	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.5
800	65.4	87.2	90.1	91.9	94.1	94.2	94.7	95.1	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5
700	65.4	87.3	90.3	92.1	94.4	94.7	95.1	95.6	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0
600	65.4	87.5	90.6	92.6	95.1	95.4	96.2	96.8	96.8	97.3	97.3	97.3	97.6	97.6	97.6	97.6
500	65.4	87.6	90.8	92.8	95.6	95.9	96.9	97.4	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7
400	65.4	87.7	90.8	92.8	95.7	96.1	97.3	97.9	98.0	98.9	99.0	99.0	99.3	99.3	99.3	99.3
300	65.4	87.7	90.8	92.8	95.7	96.2	97.4	98.0	98.1	99.1	99.2	99.2	99.5	99.5	99.6	99.6
200	65.4	87.7	90.8	92.8	95.7	96.2	97.4	98.2	98.3	99.3	99.5	99.5	99.8	99.9	100.0	100.0
100	65.4	87.7	90.8	92.8	95.7	96.2	97.4	98.2	98.3	99.3	99.5	99.5	99.8	99.9	100.0	100.0
0	65.4	87.7	90.8	92.8	95.7	96.2	97.4	98.2	98.3	99.3	99.5	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2269

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	41.9	49.7	51.3	50.8	51.1	51.1	51.2	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	49.1	58.4	59.1	59.7	60.1	60.1	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4
18000	49.6	59.0	59.7	60.3	60.8	60.8	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1
16000	49.9	59.3	60.0	60.6	61.1	61.1	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
14000	50.8	60.6	61.4	62.0	62.6	62.6	62.7	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9
12000	51.9	62.3	63.2	63.9	64.4	64.4	64.5	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8
10000	53.4	64.1	64.9	65.6	66.1	66.1	66.2	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5
9000	54.2	64.9	65.8	66.6	67.2	67.2	67.3	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5
8000	55.1	66.6	67.6	68.4	69.1	69.1	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3
7000	56.4	68.8	69.9	70.7	71.3	71.3	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6
6000	57.4	70.5	71.6	72.5	73.1	73.1	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4
5000	58.6	72.2	73.5	74.4	75.3	75.3	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7
4500	59.4	73.3	74.6	75.5	76.4	76.5	76.6	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8
4000	60.7	75.3	76.6	77.7	78.6	78.6	78.7	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0
3500	62.1	77.3	78.7	79.8	80.7	80.7	80.8	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1
3000	63.0	79.5	81.4	82.5	83.5	83.7	83.8	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1
2500	64.4	82.0	83.9	85.2	86.5	86.6	86.7	86.8	86.8	86.8	87.0	87.0	87.1	87.1	87.1	87.1
2000	65.1	83.6	85.8	87.2	88.6	88.7	88.9	88.9	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.3
1800	65.5	84.6	87.1	88.6	90.1	90.1	90.2	90.3	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6
1500	65.7	85.7	88.3	90.0	91.6	91.9	92.1	92.2	92.2	92.3	92.5	92.5	92.6	92.6	92.6	92.6
1200	65.8	86.7	89.4	91.2	92.9	93.2	93.5	93.7	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.1
1000	65.8	87.1	89.8	91.6	93.5	93.9	94.3	94.4	94.4	94.7	94.9	94.9	95.0	95.0	95.0	95.0
900	65.8	87.4	90.1	92.2	94.2	94.7	95.2	95.4	95.4	95.6	95.8	95.8	95.9	95.9	95.9	95.9
800	65.8	87.5	90.4	92.7	94.7	95.3	95.7	96.0	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5
700	65.8	87.5	90.4	92.7	95.0	95.7	96.2	96.6	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2
600	65.8	87.6	90.6	92.9	95.4	96.1	96.8	97.3	97.3	97.7	97.9	97.9	98.1	98.1	98.1	98.1
500	65.8	87.6	90.6	93.0	95.6	96.3	97.1	97.7	97.7	98.2	98.4	98.4	98.6	98.6	98.6	98.6
400	65.8	87.6	90.6	93.1	95.7	96.6	97.5	98.3	98.3	98.8	99.1	99.1	99.3	99.3	99.3	99.3
300	65.8	87.6	90.6	93.2	95.9	96.8	97.8	98.5	98.6	99.1	99.4	99.4	99.6	99.6	99.6	99.6
200	65.8	87.6	90.6	93.2	95.9	96.8	97.8	98.5	98.6	99.1	99.4	99.4	99.7	99.7	99.7	99.7
100	65.8	87.6	90.6	93.2	95.9	96.8	97.8	98.6	98.6	99.2	99.5	99.5	99.8	99.9	99.9	99.9
0	65.8	87.6	90.6	93.2	95.9	96.8	97.8	98.6	98.6	99.2	99.5	99.5	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2070

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	49.4	53.9	55.4	56.2	57.3	57.3	57.5	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000	42.5	58.4	60.0	61.1	62.1	62.4	62.6	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9
18000	42.7	58.7	60.3	61.4	62.4	62.8	62.9	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2
16000	42.9	58.9	60.6	61.7	62.8	63.1	63.3	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6
14000	43.5	60.2	61.9	63.0	64.1	64.5	64.7	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1
12000	44.6	62.4	64.2	65.3	66.4	66.8	67.0	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4
10000	45.7	64.1	65.9	67.1	68.2	68.6	68.8	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2
9000	46.2	65.1	66.9	68.0	69.1	69.5	69.7	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1
8000	47.1	67.0	68.8	70.1	71.2	71.6	71.8	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2
7000	47.9	68.9	70.8	72.1	73.2	73.6	73.8	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
6000	48.5	70.2	72.1	73.3	74.6	75.1	75.3	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7
5000	49.8	72.9	75.2	76.7	78.0	78.5	78.6	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.2
4500	50.3	73.7	76.1	77.5	78.8	79.4	79.6	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
4000	51.3	75.6	78.4	79.9	81.2	81.7	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
3500	51.9	77.1	80.1	81.6	82.9	83.4	83.7	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3
3000	52.4	78.8	81.8	83.4	84.7	85.3	85.5	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.2	86.2
2500	52.8	80.8	84.0	85.6	87.1	87.7	88.0	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7
2000	53.2	82.9	86.2	88.1	89.8	90.3	90.6	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.4	91.4
1800	53.3	83.4	86.8	88.7	90.4	90.9	91.3	91.6	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.1
1500	53.5	84.3	87.8	90.0	91.8	92.3	92.7	93.1	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.7
1200	53.6	85.1	88.9	91.2	93.1	93.7	94.1	94.5	94.6	95.0	95.1	95.1	95.1	95.1	95.2	95.2
1000	53.6	85.4	89.3	91.6	93.8	94.4	94.8	95.3	95.4	95.8	95.9	95.9	95.9	95.9	96.0	96.0
900	53.6	85.7	89.7	92.0	94.3	94.9	95.4	95.9	96.0	96.5	96.5	96.5	96.5	96.5	96.6	96.7
800	53.6	85.7	89.8	92.2	94.6	95.3	95.8	96.3	96.4	96.9	96.9	96.9	96.9	96.9	97.0	97.1
700	53.6	85.9	89.9	92.4	94.8	95.5	96.0	96.5	96.6	97.1	97.1	97.1	97.1	97.1	97.2	97.3
600	53.6	86.0	90.3	92.9	95.4	96.0	96.8	97.3	97.4	98.0	98.1	98.1	98.1	98.1	98.2	98.3
500	53.6	86.1	90.4	93.0	95.7	96.4	97.5	98.1	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0
400	53.6	86.1	90.4	93.0	95.7	96.5	97.6	98.3	98.5	99.2	99.3	99.3	99.4	99.4	99.5	99.5
300	53.6	86.1	90.4	93.0	95.7	96.6	97.6	98.3	98.5	99.3	99.4	99.4	99.5	99.5	99.6	99.6
200	53.6	86.1	90.4	93.0	95.8	96.6	97.7	98.4	98.6	99.3	99.6	99.6	99.6	99.7	99.8	99.8
100	53.6	86.1	90.4	93.0	95.8	96.6	97.7	98.4	98.6	99.3	99.6	99.6	99.6	99.7	99.9	99.9
0	53.6	86.1	90.4	93.0	95.8	96.6	97.7	98.4	98.6	99.3	99.6	99.6	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2070

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1 2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	33.8	52.6	54.9	56.7	57.9	58.1	58.6	58.6	58.7	58.7	58.8	58.8	58.9	58.9	59.0	59.2
≥ 20000	36.4	56.9	59.5	61.5	62.9	63.[illegible]	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	64.1
≥ 18000	36.5	57.1	59.7	61.7	63.[illegible]	63.2	63.7	63.8	63.8	63.9	64.0	64.[illegible]	64.1	64.1	64.1	64.3
≥ 16000	36.8	57.5	60.2	62.2	63.5	63.7	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.6	64.8
≥ 14000	37.1	58.5	61.2	63.1	64.5	64.7	65.2	65.4	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.9
≥ 12000	38.3	6[illegible]	62.8	64.8	66.1	66.3	66.8	67.[illegible]	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.5
≥ 10000	38.9	61.5	64.3	66.5	67.9	68.1	68.6	68.7	68.8	68.8	68.9	68.9	69.0	69.0	69.1	69.3
≥ 9000	39.2	62.3	65.1	67.3	68.6	68.8	69.3	69.5	69.6	69.6	69.7	69.7	69.8	69.8	69.9	70.[illegible]
≥ 8000	40.3	64.5	67.3	69.6	70.9	71.1	71.6	71.8	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.3
≥ 7000	41.	66.3	69.1	71.4	72.7	72.9	73.4	73.6	73.6	73.7	73.8	73.8	73.9	73.9	73.9	74.1
≥ 6000	41.4	67.4	70.3	72.6	74.0	74.2	74.6	74.8	74.9	74.9	75.0	75.0	75.1	75.1	75.2	75.4
≥ 5000	42.9	7[illegible]6	73.8	76.3	77.8	78.[illegible]	78.5	78.7	78.8	78.8	78.9	78.9	79.[illegible]	79.[illegible]	79.1	79.3
≥ 4500	43.5	72.1	75.3	77.9	79.4	79.7	80.1	80.4	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.9
≥ 4000	44.2	73.8	77.1	79.7	81.4	81.6	82.1	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.9
≥ 3500	44.9	75.7	79.2	81.7	83.5	83.8	84.3	84.5	84.5	84.6	84.7	84.7	84.8	84.8	84.8	85.0
≥ 3000	45.1	76.7	80.3	83.[illegible]	84.8	85.1	85.7	85.9	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.4
≥ 2500	45.4	77.9	81.6	84.6	86.5	86.8	87.3	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.9	88.1
≥ 2000	45.7	79.5	83.4	86.7	88.6	88.9	89.5	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.1	90.3
≥ 1800	45.7	79.9	83.8	87.1	89.[illegible]	89.3	90.0	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.7
≥ 1500	46.	81.1	85.6	88.9	91.1	91.4	92.2	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.8	93.[illegible]
≥ 1200	46.3	82.[illegible]	86.9	90.3	92.7	93.0	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.4	94.6
≥ 1000	46.4	82.5	87.5	91.1	93.5	93.8	94.6	94.9	94.9	95.[illegible]	95.1	95.1	95.2	95.2	95.2	95.4
≥ 900	46.4	82.8	87.8	91.4	94.[illegible]	94.3	95.1	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.9
≥ 800	46.4	82.9	87.9	91.7	94.3	94.6	95.4	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.2
≥ 700	46.4	83.2	88.3	92.2	94.8	95.2	96.0	96.3	96.3	96.5	96.6	96.6	96.7	96.7	96.8	97.[illegible]
≥ 600	46.4	83.4	88.6	92.5	95.3	95.6	96.5	96.8	96.8	97.1	97.1	97.1	97.2	97.2	97.3	97.5
≥ 500	46.4	83.6	88.8	92.8	95.8	96.2	97.3	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.3	9[illegible].5
≥ 400	46.4	83.6	89.1	93.1	96.3	96.7	97.9	98.2	98.3	98.6	98.8	98.8	98.9	98.9	98.9	[illegible].2
≥ 300	46.4	83.6	89.1	93.1	96.3	96.8	98.0	98.4	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.5
≥ 200	46.4	83.6	89.1	93.1	96.3	96.8	98.0	98.4	98.5	99.0	99.2	99.2	99.4	99.4	99.4	99.7
≥ 100	46.4	83.6	89.1	93.1	96.3	96.8	98.0	98.4	98.5	99.0	99.2	99.2	99.4	99.4	99.5	99.8
0	46.4	83.6	89.1	93.1	96.3	96.8	98.0	98.4	98.5	99.[illegible]	99.2	99.2	99.4	99.4	99.5	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2076

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-66 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	20.3	36.7	39.1	41.8	42.9	43.1	43.6	43.8	43.8	44.	44.1	44.1	44.3	44.3	44.4	44.6
≥ 20000	21.7	39.9	42.8	45.5	46.6	46.8	47.5	47.7	47.7	47.8	47.9	47.9	48.1	48.2	48.3	48.6
18000	21.9	42.2	43.0	45.8	46.9	47.1	47.8	47.9	47.9	48.1	48.2	48.2	48.4	48.5	48.6	48.8
16000	22.1	42.6	43.4	46.2	47.3	47.4	48.1	48.3	48.3	48.5	48.6	48.6	48.8	48.8	49.0	49.2
14000	22.5	41.6	44.6	47.4	48.5	48.6	49.4	49.6	49.6	49.8	49.9	49.9	50.0	50.1	50.2	50.5
12000	23.	43.	46.2	49.3	50.2	50.4	51.2	51.4	51.4	51.6	51.7	51.7	51.9	51.9	52.1	52.3
10000	23.2	44.3	47.6	50.4	51.7	51.8	52.8	53.0	53.0	53.2	53.3	53.3	53.5	53.5	53.6	53.9
9000	23.5	44.7	48.2	50.9	52.2	52.4	53.3	53.6	53.6	53.7	53.8	53.8	54.0	54.1	54.2	54.4
8000	23.9	45.8	49.3	52.1	53.4	53.6	54.5	54.7	54.7	54.9	55.0	55.0	55.2	55.2	55.4	55.6
7000	24.7	48.2	52.2	55.2	56.4	56.5	57.4	57.7	57.7	57.9	58.0	58.0	58.2	58.2	58.5	58.7
6000	25.5	50.1	54.2	57.2	58.7	58.8	59.7	60.2	60.0	60.1	60.2	60.2	60.5	60.5	60.8	61.0
5000	26.1	52.5	56.9	59.9	61.6	61.7	62.6	62.9	62.9	63.0	63.1	63.1	63.4	63.4	63.7	63.9
4500	26.4	53.8	58.3	61.4	63.2	63.3	64.3	64.5	64.5	64.7	64.8	64.8	65.0	65.1	65.3	65.5
4000	26.7	55.6	60.4	63.6	65.6	65.7	66.7	66.9	66.9	67.1	67.2	67.2	67.4	67.4	67.7	67.9
3500	27.4	57.3	62.3	65.6	67.7	67.8	68.8	69.0	69.0	69.2	69.3	69.3	69.5	69.6	69.8	70.0
3000	27.8	59.4	64.6	68.1	70.2	70.3	71.4	71.6	71.6	71.8	71.9	71.9	72.1	72.2	72.4	72.6
2500	28.9	62.1	67.7	71.2	73.6	73.8	74.8	75.1	75.1	75.4	75.5	75.5	75.7	75.8	76.0	76.2
2000	30.1	66.7	72.8	76.6	79.3	79.5	80.5	80.9	80.9	81.2	81.3	81.3	81.5	81.6	81.8	82.0
1800	30.2	67.3	73.6	77.5	80.1	80.3	81.5	81.8	81.8	82.1	82.2	82.2	82.5	82.5	82.7	83.0
1500	30.4	69.3	75.8	79.8	82.8	83.0	84.5	84.8	84.8	85.2	85.3	85.3	85.5	85.5	85.8	86.0
1200	30.6	70.3	77.1	82.1	85.3	85.6	87.3	87.7	87.7	88.2	88.3	88.3	88.5	88.5	88.8	89.0
1000	30.7	70.8	77.8	83.1	86.8	87.2	89.1	89.8	89.8	90.3	90.4	90.4	90.6	90.6	90.9	91.1
900	30.7	71.2	78.3	83.8	87.5	88.0	89.9	90.6	90.6	91.2	91.3	91.3	91.5	91.5	91.8	92.0
800	30.8	71.7	79.0	84.6	88.5	89.1	91.1	91.8	91.9	92.4	92.5	92.5	92.8	92.8	93.0	93.3
700	30.8	71.8	79.3	85.1	89.4	90.0	92.1	92.8	92.9	93.5	93.6	93.6	93.9	93.9	94.2	94.4
600	30.8	71.8	79.3	85.4	89.9	90.5	92.6	93.5	93.5	94.2	94.4	94.4	94.6	94.7	94.9	95.2
500	30.8	72.0	79.5	85.6	90.2	90.7	93.1	94.1	94.3	95.1	95.4	95.4	95.7	95.7	96.0	96.3
400	30.8	72.0	79.6	85.7	90.6	91.2	93.6	94.6	94.8	95.7	96.0	96.0	96.4	96.4	96.6	96.9
300	30.8	72.0	79.6	85.8	90.8	91.6	94.2	95.2	95.4	96.4	96.8	96.8	97.1	97.2	97.5	97.8
200	30.8	72.2	79.8	86.0	91.	91.8	94.5	95.6	95.8	96.8	97.5	97.6	98.1	98.1	98.5	98.8
100	30.8	72.2	79.8	86.0	91.0	91.8	94.5	95.6	95.8	97.0	97.7	97.8	98.4	98.4	98.7	99.1
0	30.8	72.2	79.8	86.0	91.0	91.8	94.5	95.6	95.8	97.1	97.8	98.0	98.6	98.6	98.9	100.

TOTAL NUMBER OF OBSERVATIONS 2138

1210WS FORM JU 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	18.4	35.6	38.7	41.1	42.7	42.9	43.4	43.7	43.7	43.7	43.8	43.9	43.9	44.1	44.3	44.5
≥ 20000	19.8	38.6	41.7	44.3	46.2	46.4	47.0	47.3	47.3	47.3	47.4	47.5	47.5	47.7	47.9	48.1
18000	20.1	39.2	42.3	44.9	46.8	47.0	47.6	47.9	47.9	47.9	48.0	48.1	48.2	48.3	48.5	48.7
16000	20.1	39.4	42.4	45.1	46.9	47.1	47.7	48.0	48.0	48.1	48.1	48.2	48.3	48.4	48.7	48.9
14000	20.3	40.2	43.3	45.9	47.8	48.0	48.6	48.9	48.9	49.0	49.0	49.1	49.2	49.4	49.6	49.8
12000	20.5	41.2	44.3	46.9	48.8	49.0	49.6	49.9	49.9	50.0	50.0	50.1	50.2	50.4	50.6	50.8
10000	21.0	43.1	46.1	48.8	50.7	50.9	51.6	51.9	51.9	51.9	52.0	52.1	52.2	52.3	52.5	52.7
9000	21.2	43.6	46.7	49.4	51.2	51.5	52.1	52.5	52.5	52.5	52.5	52.6	52.7	52.9	53.1	53.3
8000	21.7	45.1	48.3	51.0	52.8	53.1	53.8	54.1	54.1	54.2	54.2	54.3	54.4	54.6	54.8	55.1
7000	22.3	46.6	50.2	53.0	54.9	55.2	55.9	56.3	56.3	56.3	56.4	56.5	56.6	56.8	57.0	57.2
6000	23.4	48.5	52.5	55.4	57.3	57.6	58.3	58.7	58.7	58.7	58.8	58.9	59.0	59.1	59.4	59.6
5000	23.9	50.5	54.7	57.6	59.6	59.8	60.6	61.0	61.0	61.0	61.1	61.2	61.3	61.4	61.7	61.9
4500	24.4	51.8	56.0	59.0	61.0	61.3	62.0	62.4	62.4	62.5	62.5	62.6	62.7	62.9	63.1	63.3
4000	24.5	53.1	57.6	60.7	62.8	63.1	63.9	64.3	64.3	64.3	64.4	64.5	64.6	64.7	65.0	65.2
3500	24.8	54.4	59.2	62.5	64.6	64.9	65.7	66.1	66.1	66.1	66.2	66.2	66.4	66.5	66.8	66.9
3000	25.3	56.2	61.6	65.0	67.4	67.7	68.7	69.1	69.1	69.1	69.1	69.2	69.4	69.5	69.8	69.9
2500	26.4	58.6	64.3	67.8	70.3	70.6	71.6	71.9	71.9	72.0	72.0	72.1	72.3	72.4	72.7	72.8
2000	27.1	62.4	68.4	72.4	75.1	75.5	76.5	76.9	76.9	76.9	77.0	77.0	77.2	77.4	77.6	77.8
1800	27.3	63.4	69.7	73.8	76.5	76.9	77.9	78.3	78.3	78.3	78.4	78.4	78.6	78.8	79.0	79.2
1500	28.1	66.3	73.0	77.8	80.8	81.2	82.3	82.8	82.8	82.8	82.9	83.0	83.2	83.3	83.6	83.8
1200	28.1	68.3	75.3	81.1	84.4	84.8	85.9	86.5	86.5	86.6	86.7	86.8	87.0	87.1	87.4	87.6
1000	28.3	68.8	76.3	82.4	86.1	86.5	88.0	88.7	88.7	88.8	89.0	89.1	89.2	89.4	89.7	90.0
900	28.2	69.2	76.7	82.9	86.6	87.1	88.6	89.5	89.5	89.7	89.8	89.9	90.1	90.3	90.6	90.9
800	28.3	69.6	77.1	83.7	87.5	88.0	89.6	90.6	90.6	90.9	91.0	91.1	91.4	91.5	91.8	92.1
700	28.3	69.8	77.6	84.2	88.2	88.7	90.6	91.7	91.8	92.1	92.2	92.3	92.6	92.7	93.0	93.3
600	28.3	69.9	77.8	84.6	88.9	89.4	91.5	92.7	92.8	93.1	93.3	93.4	93.6	93.8	94.2	94.5
500	28.3	70.1	77.9	84.8	89.3	89.9	92.2	93.5	93.6	94.2	94.3	94.5	94.8	95.0	95.4	95.7
400	28.3	70.1	77.9	84.9	89.8	90.6	92.9	94.4	94.5	95.2	95.4	95.5	95.9	96.0	96.5	96.8
300	28.3	70.1	78.0	85.0	90.0	90.8	93.4	95.1	95.0	95.7	96.1	96.3	96.6	96.8	97.3	97.7
200	28.3	70.1	78.0	85.1	90.2	91.0	93.5	95.1	95.2	96.2	96.8	97.0	97.4	97.5	98.0	98.4
100	28.3	70.1	78.0	85.1	90.2	91.0	93.5	95.2	95.3	96.5	97.1	97.3	97.7	97.8	98.5	98.9
0	28.3	70.1	78.0	85.1	90.2	91.0	93.5	95.2	95.3	96.6	97.2	97.4	97.8	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	16.8	29.[illegible]	31.6	33.6	35.3	35.3	36.4	36.7	36.7	37.2	37.4	37.4	37.4	37.4	37.5	37.9
≥ 20000	18.6	32.5	35.6	38.1	40.1	40.2	41.4	41.8	41.8	42.5	42.7	42.7	42.8	42.8	43.0	43.4
18000	18.7	32.6	35.7	38.2	40.2	40.3	41.6	41.9	42.0	42.7	42.9	42.9	43.0	43.0	43.2	43.6
16000	18.7	33.1	36.1	38.7	40.7	40.8	42.1	42.4	42.5	43.2	43.4	43.4	43.5	43.5	43.7	44.1
14000	18.9	33.5	36.7	39.4	41.4	41.6	42.8	43.2	43.3	44.1	44.3	44.3	44.4	44.4	44.5	44.9
12000	19.2	35.2	38.4	41.4	43.5	43.7	45.0	45.4	45.4	46.4	46.6	46.6	46.7	46.7	46.8	47.3
10000	20.5	37.4	40.7	43.8	46.0	46.1	47.4	47.9	47.9	48.9	49.1	49.1	49.2	49.2	49.4	49.8
9000	20.8	37.8	41.1	44.2	46.4	46.5	47.8	48.3	48.3	49.3	49.5	49.5	49.6	49.6	49.8	50.2
8000	21.6	39.6	43.1	46.2	48.6	48.9	50.2	50.6	50.7	51.6	51.8	51.8	52.0	52.0	52.1	52.5
7000	22.4	41.5	45.0	48.3	50.7	51.1	52.4	52.9	53.0	54.0	54.2	54.2	54.3	54.3	54.5	54.9
6000	23.1	42.6	46.2	49.5	51.9	52.3	53.8	54.4	54.4	55.4	55.6	55.6	55.8	55.8	55.9	56.3
5000	23.7	44.3	48.1	51.4	53.9	54.2	55.8	56.4	56.4	57.5	57.7	57.7	57.8	57.8	58.0	58.4
4500	24.	45.3	49.1	52.5	54.9	55.3	56.8	57.4	57.5	58.5	58.7	58.7	58.9	58.9	59.0	59.4
4000	24.6	46.6	50.8	54.3	56.9	57.2	59.0	59.6	59.6	60.7	61.0	61.0	61.1	61.1	61.2	61.7
3500	25.1	47.9	52.2	55.8	58.4	58.8	60.5	61.1	61.2	62.3	62.6	62.6	62.7	62.7	62.8	63.3
3000	26.3	49.9	54.3	58.4	61.2	61.5	63.4	64.	64.1	65.3	65.5	65.5	65.7	65.7	65.8	66.2
2500	27.7	52.1	56.8	61.2	64.0	64.3	66.2	67.0	67.0	68.3	68.5	68.5	68.7	68.7	68.9	69.3
2000	28.6	54.6	59.8	64.7	68.0	68.4	70.8	71.6	71.6	72.9	73.2	73.2	73.4	73.4	73.5	73.9
1800	28.8	56.3	61.7	66.7	70.1	70.5	72.9	73.8	73.8	75.1	75.4	75.4	75.5	75.5	75.7	76.1
1500	29.5	58.9	64.6	70.2	73.9	74.4	77.1	78.2	78.3	79.6	79.9	79.9	80.2	80.2	80.4	80.8
1200	29.7	60.7	67.1	73.4	77.3	77.8	80.8	81.9	82.0	83.4	83.7	83.8	84.1	84.1	84.3	84.8
1000	29.9	61.9	69.2	75.9	80.5	81.1	84.3	85.5	85.5	87.0	87.4	87.5	87.8	87.8	88.1	88.5
900	29.9	62.3	69.7	76.5	81.2	81.8	85.0	86.2	86.3	87.8	88.3	88.3	88.8	88.8	89.1	89.5
800	29.9	62.5	70.2	77.4	82.4	83.1	86.7	88.0	88.0	89.7	90.3	90.3	90.8	90.8	91.1	91.5
700	29.9	62.6	70.5	77.7	82.8	83.5	87.3	88.8	88.9	90.6	91.3	91.4	92.0	92.0	92.3	92.7
600	29.9	62.9	70.9	78.4	83.8	84.6	88.6	90.3	90.4	92.2	93.0	93.1	93.8	93.8	94.1	94.5
500	29.9	63.0	71.0	78.8	84.3	85.1	89.3	91.3	91.4	93.5	94.5	94.5	95.2	95.2	95.5	96.0
400	29.9	63.[illegible]	71.0	79.1	84.9	85.7	90.1	92.3	92.4	94.7	95.6	95.7	96.4	96.4	96.7	97.2
300	29.9	63.0	71.0	79.1	84.9	85.8	90.5	92.7	92.8	95.2	96.3	96.4	97.2	97.2	97.6	98.1
200	29.9	63.[illegible]	71.0	79.1	84.9	85.9	90.5	92.8	92.9	95.4	96.5	96.6	97.6	97.6	98.0	98.6
100	29.9	63.0	71.0	79.1	84.9	85.9	90.5	92.8	92.9	95.5	96.6	96.7	97.7	97.7	98.1	99.[illegible]
0	29.9	63.[illegible]	71.0	79.1	84.9	85.9	90.5	92.8	92.9	95.5	96.6	96.7	97.7	97.7	98.1	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	31.4	31.2	32.8	33.9	34.6	34.8	35.1	35.2	35.2	35.4	35.5	35.5	35.5	35.5	35.6	35.7
≥ 20000	34.4	36.7	38.9	40.1	40.9	41.2	41.4	41.7	41.7	42.0	42.1	42.1	42.1	42.1	42.2	42.3
18000	34.5	36.7	39.0	40.2	41.0	41.1	41.5	41.8	41.8	42.1	42.2	42.2	42.2	42.2	42.3	42.4
16000	34.6	36.9	39.2	40.4	41.2	41.3	41.7	42.0	42.0	42.3	42.4	42.4	42.4	42.4	42.4	42.5
14000	34.8	37.4	39.7	41.0	41.8	41.9	42.3	42.6	42.6	42.9	43.0	43.0	43.0	43.0	43.1	43.2
12000	35.9	39.4	41.8	43.2	44.2	44.4	44.8	45.2	45.2	45.5	45.5	45.5	45.6	45.6	45.6	45.7
10000	37.1	41.7	44.3	46.0	47.1	47.2	47.6	48.0	48.0	48.3	48.3	48.3	48.4	48.4	48.4	48.5
9000	37.5	42.2	44.8	46.5	47.6	47.8	48.2	48.6	48.6	49.0	49.1	49.1	49.1	49.1	49.2	49.3
8000	39.1	44.9	47.6	49.4	50.6	50.8	51.2	51.6	51.6	52.0	52.1	52.1	52.1	52.1	52.2	52.3
7000	39.2	46.8	49.7	51.6	52.8	53.1	53.5	54.1	54.1	54.3	54.4	54.4	54.5	54.5	54.5	54.6
6000	31.5	48.2	51.2	53.3	54.6	54.8	55.4	55.8	55.8	56.1	56.2	56.2	56.3	56.3	56.3	56.4
5000	31.6	50.1	53.3	55.4	56.8	57.1	57.5	57.9	57.9	58.3	58.4	58.4	58.4	58.4	58.5	58.6
4500	32.0	51.3	54.7	56.8	58.2	58.4	58.9	59.4	59.4	59.7	59.8	59.8	59.9	59.9	59.9	60.0
4000	32.5	52.3	55.9	58.2	59.7	59.9	60.4	61.1	61.1	61.5	61.6	61.6	61.7	61.7	61.7	61.8
3500	33.3	53.7	57.2	59.6	61.1	61.4	61.9	62.6	62.6	63.1	63.2	63.2	63.3	63.3	63.3	63.4
3000	34.9	56.0	59.7	62.1	63.6	64.0	64.6	65.3	65.4	65.9	66.0	66.0	66.1	66.1	66.1	66.2
2500	36.5	58.6	62.5	65.0	66.6	67.0	67.8	68.5	68.6	69.1	69.2	69.2	69.3	69.3	69.3	69.4
2000	38.1	62.7	66.9	69.9	71.7	72.2	73.1	73.9	74.0	74.7	74.9	74.9	74.9	74.9	75.0	75.1
1800	38.6	63.7	68.0	71.2	73.0	73.5	74.4	75.2	75.3	76.1	76.3	76.3	76.3	76.3	76.3	76.4
1500	39.6	66.3	71.0	74.6	77.0	77.5	78.7	79.6	79.7	80.5	80.6	80.6	80.7	80.7	80.7	80.8
1200	40.2	68.2	73.3	77.8	80.7	81.2	82.7	83.7	83.8	84.7	84.9	84.9	84.9	84.9	84.9	85.0
1000	40.7	69.4	74.7	79.7	82.9	83.5	85.2	86.4	86.5	87.6	87.9	87.9	87.9	87.9	88.0	88.1
900	40.8	70.0	75.5	80.6	84.0	84.7	86.5	87.8	87.9	89.0	89.3	89.3	89.4	89.4	89.5	89.6
800	40.9	70.6	76.4	81.8	85.5	86.4	88.5	89.8	89.9	91.2	91.6	91.6	91.7	91.7	91.8	91.9
700	40.9	71.1	76.9	82.4	86.2	87.1	89.3	90.8	90.9	92.2	92.7	92.7	92.8	92.8	92.9	93.0
600	40.9	71.2	77.1	82.9	86.9	87.8	90.2	91.9	92.1	93.5	94.1	94.1	94.3	94.3	94.4	94.5
500	40.9	71.2	77.3	83.2	87.5	88.4	91.1	93.4	93.7	95.4	96.2	96.4	96.7	96.7	96.8	96.9
400	40.9	71.2	77.5	83.6	88.3	89.3	92.2	94.6	94.9	96.7	97.5	97.7	98.0	98.0	98.1	98.2
300	40.9	71.2	77.5	83.7	88.4	89.3	92.3	94.8	95.0	97.0	97.8	98.0	98.5	98.5	98.6	98.7
200	40.9	71.2	77.5	83.7	88.4	89.3	92.3	94.9	95.2	97.2	98.2	98.3	98.8	98.8	99.0	99.2
100	40.9	71.2	77.5	83.7	88.4	89.3	92.3	94.9	95.2	97.3	98.3	98.5	99.0	99.0	99.3	99.5
0	40.9	71.2	77.5	83.7	88.4	89.3	92.3	94.9	95.2	97.3	98.3	98.5	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	29.2	36.4	37.3	37.9	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	34.8	44.4	45.8	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
18000	35.1	44.8	46.2	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
16000	35.1	44.9	46.3	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
14000	35.9	46.1	47.4	48.0	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
12000	37.3	48.1	49.5	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
10000	38.7	50.2	51.7	52.4	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
9000	39.1	50.9	52.3	53.1	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
8000	41.0	53.5	55.0	55.7	56.2	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
7000	42.2	55.2	56.8	57.6	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
6000	42.8	56.3	57.9	58.9	59.4	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8
5000	43.4	57.5	59.2	60.2	60.8	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4
4500	44.3	58.7	60.5	61.5	62.1	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
4000	45.1	59.8	61.7	62.8	63.5	63.6	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1
3500	46.6	61.8	63.7	64.9	65.6	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2
3000	47.9	63.9	65.9	67.2	67.9	68.0	68.3	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
2500	49.8	67.2	69.4	70.9	71.9	72.1	72.3	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
2000	51.6	70.6	73.2	75.1	76.4	76.5	76.8	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
1800	52.1	71.9	74.6	76.6	78.0	78.2	78.6	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
1500	52.8	74.5	77.3	79.7	81.5	81.7	82.3	83.0	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5
1200	53.3	76.4	79.4	82.0	84.5	84.7	85.5	86.3	86.3	86.6	86.8	86.8	86.9	86.9	86.9	86.9
1000	53.6	77.7	81.1	84.1	87.0	87.2	88.3	89.1	89.3	89.8	90.1	90.2	90.3	90.3	90.3	90.3
900	53.7	78.2	81.8	85.1	88.2	88.6	89.9	90.9	91.0	91.6	91.9	92.0	92.2	92.2	92.2	92.2
800	53.7	78.6	82.4	86.0	89.5	90.0	91.6	92.7	92.9	93.6	93.9	93.9	94.1	94.1	94.2	94.2
700	53.7	78.8	82.9	86.7	90.2	90.8	92.3	93.5	93.7	94.5	94.8	94.9	95.1	95.1	95.2	95.2
600	53.7	79.0	83.2	87.1	91.0	91.7	93.7	94.9	95.1	96.2	96.6	96.7	97.0	97.0	97.0	97.1
500	53.7	79.1	83.4	87.6	91.7	92.4	94.9	96.3	96.6	97.9	98.4	98.5	98.7	98.7	98.8	98.8
400	53.7	79.1	83.4	87.7	91.8	92.6	95.3	96.7	97.0	98.3	98.7	98.8	99.1	99.1	99.2	99.2
300	53.7	79.2	83.5	87.7	91.9	92.7	95.5	97.0	97.3	98.7	99.2	99.3	99.6	99.6	99.8	99.8
200	53.7	79.2	83.5	87.7	91.9	92.7	95.5	97.0	97.3	98.7	99.3	99.4	99.7	99.7	99.8	99.8
100	53.7	79.2	83.5	87.7	91.9	92.7	95.5	97.0	97.3	98.7	99.3	99.4	99.7	99.7	99.8	99.8
0	53.7	79.2	83.5	87.7	91.9	92.7	95.5	97.0	97.3	98.7	99.3	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2132

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1703 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	38.8	38.8	40.0	40.5	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 20000	38.6	45.3	46.7	47.4	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 18000	35.9	45.8	47.2	47.8	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 16000	36.3	46.3	47.8	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000	37.3	47.7	49.2	49.8	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 12000	38.6	49.3	51.0	51.7	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	40.2	51.6	53.3	54.1	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 9000	41.2	53.1	54.7	55.5	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 8000	42.9	55.5	57.3	58.2	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 7000	44.4	57.8	59.7	60.7	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000	45.2	58.9	60.8	61.9	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 5000	46.1	60.4	62.3	63.7	64.6	64.7	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1
≥ 4500	46.8	61.5	63.5	64.9	65.8	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	48.1	63.3	65.4	66.9	67.9	68.1	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6
≥ 3500	49.2	64.9	67.0	68.6	69.6	69.8	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4
≥ 3000	50.2	66.7	68.9	70.5	71.6	71.7	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2500	51.6	69.6	72.0	73.7	74.9	75.0	75.7	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1
≥ 2000	52.5	72.4	75.1	77.4	78.9	79.1	79.9	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5
≥ 1800	52.7	73.3	76.1	78.5	80.1	80.3	81.2	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1500	53.3	75.2	78.1	80.8	82.5	82.7	84.0	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	53.4	76.3	79.4	82.6	84.6	84.9	86.4	87.2	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000	53.5	77.3	80.6	84.7	87.3	87.4	89.4	90.3	90.3	90.7	91.1	91.1	91.1	91.1	91.2	91.2
≥ 900	53.5	77.7	81.1	85.5	88.0	88.5	90.8	91.8	91.9	92.3	92.6	92.7	92.7	92.7	92.7	92.7
≥ 800	53.6	78.0	81.5	86.1	89.0	89.6	92.0	93.2	93.2	94.0	94.3	94.4	94.4	94.4	94.5	94.5
≥ 700	53.6	78.0	81.5	86.3	89.2	89.8	92.5	93.7	93.8	94.7	95.0	95.0	95.1	95.1	95.2	95.2
≥ 600	53.6	78.1	81.6	86.5	89.7	90.3	93.3	94.7	94.7	95.8	96.2	96.3	96.5	96.5	96.6	96.6
≥ 500	53.6	78.1	81.6	86.7	90.3	90.6	93.7	95.3	95.4	96.9	97.3	97.4	97.7	97.7	97.8	97.8
≥ 400	53.6	78.2	81.7	86.8	90.3	90.9	94.1	95.7	95.8	97.4	97.9	97.9	98.2	98.4	98.5	98.5
≥ 300	53.6	78.2	81.7	86.8	90.4	91.0	94.3	96.2	96.3	98.1	98.7	98.8	99.2	99.3	99.4	99.4
≥ 200	53.6	78.2	81.7	86.9	90.5	91.1	94.5	96.4	96.4	98.3	99.0	99.1	99.5	99.6	99.7	99.7
≥ 100	53.6	78.2	81.7	86.9	90.5	91.1	94.5	96.4	96.4	98.5	99.1	99.2	99.7	99.9	100.0	100.0
0	53.6	78.2	81.7	86.9	90.5	91.1	94.5	96.4	96.4	98.5	99.1	99.2	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-46,49-66 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	6.6	41.3	41.8	43.2	43.7	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	29.	44.6	46.4	47.8	48.6	48.6	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1
18000	29.1	44.8	46.6	48.0	48.8	48.8	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
16000	29.4	45.3	47.1	48.5	49.3	49.3	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
14000	29.6	46.1	47.9	49.3	50.1	50.1	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
12000	31.	48.4	50.3	51.7	52.6	52.6	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
10000	31.9	49.7	51.9	53.3	54.3	54.4	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0
9000	32.8	51.1	53.3	54.8	55.8	55.8	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
8000	34.1	52.9	55.3	56.8	57.9	58.0	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6
7000	34.9	54.8	57.3	59.0	60.0	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8
6000	35.1	55.8	58.4	60.3	61.4	61.6	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
5000	35.9	58.5	61.6	63.6	65.	65.2	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
4500	36.6	59.8	63.0	65.1	66.5	66.6	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
4000	37.3	61.4	64.7	67.1	68.6	68.9	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.9
3500	38.1	63.4	66.9	69.4	70.9	71.2	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2
3000	38.8	65.3	69.0	71.7	73.3	73.5	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8
2500	39.5	67.7	71.8	74.7	76.6	76.8	77.7	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3
2000	41.1	70.9	75.2	78.4	80.6	80.8	82.1	82.4	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.9
1800	42.3	71.6	76.0	79.3	81.6	81.8	83.2	83.5	83.5	83.9	83.9	83.9	83.9	83.9	84.0	84.0
1500	42.7	72.7	77.2	81.1	83.9	84.2	85.8	86.1	86.2	86.5	86.6	86.6	86.6	86.6	86.7	86.7
1200	43.8	73.7	78.4	83.0	86.1	86.5	88.3	88.9	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.7
1000	43.8	74.1	79.3	84.2	87.6	88.1	90.1	90.8	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.7
900	43.8	74.3	79.6	84.9	88.5	89.0	91.2	91.9	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8
800	43.8	74.5	79.9	85.4	89.1	89.7	92.0	92.7	92.9	93.5	93.7	93.7	93.7	93.7	93.8	93.8
700	43.8	74.6	80.1	85.7	89.4	90.1	92.8	93.5	93.7	94.4	94.7	94.7	94.7	94.7	94.8	94.8
600	43.9	74.7	80.3	86.0	90.0	90.8	93.8	94.7	94.9	95.8	96.1	96.1	96.2	96.2	96.2	96.3
500	43.9	74.8	80.4	86.4	90.6	91.4	94.6	95.6	95.7	97.0	97.2	97.2	97.3	97.3	97.3	97.4
400	43.9	74.8	80.4	86.5	90.8	91.6	95.0	96.0	96.2	97.5	97.8	97.8	97.9	97.9	97.9	98.0
300	43.9	74.8	80.5	86.5	90.9	91.8	95.3	96.4	96.6	98.1	98.6	98.6	98.7	98.7	98.8	98.8
200	43.9	74.8	80.5	86.6	91.0	91.8	95.5	96.7	96.9	98.5	98.9	99.0	99.3	99.3	99.4	99.5
100	43.9	74.8	80.5	86.6	91.0	91.8	95.5	96.8	97.0	98.5	99.0	99.1	99.6	99.6	99.8	99.9
0	43.9	74.8	80.5	86.6	91.0	91.8	95.5	96.8	97.0	98.5	99.0	99.1	99.6	99.6	99.9	100.

TOTAL NUMBER OF OBSERVATIONS 2139

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-46,49-65 (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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	32.8	38.1	40.8	42.4	43.0	43.1	43.4	43.7	43.7	43.9	43.9	43.9	44.0	44.0	44.0	44.0
≥ 20000	34.6	41.7	44.6	46.3	47.1	47.1	47.5	47.9	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.3
IVIV 18000	34.7	41.9	44.8	46.5	47.2	47.3	47.7	48.1	48.2	48.4	48.4	48.4	48.5	48.5	48.5	48.5
16000	34.7	42.0	45.0	46.7	47.5	47.6	48.0	48.5	48.5	48.7	48.7	48.7	48.8	48.8	48.8	48.8
IVIV 14000	35.4	43.4	46.4	48.4	49.1	49.3	49.7	50.1	50.2	50.4	50.4	50.4	50.5	50.5	50.5	50.5
12000	36.2	44.7	47.8	50.0	50.8	51.0	51.4	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.2
IVIV 10000	36.9	46.6	50.0	52.1	52.9	53.1	53.6	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4
9000	38.1	47.9	51.4	53.6	54.4	54.6	55.1	55.6	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9
IVIV 8000	38.7	49.8	53.4	55.6	56.4	56.6	57.1	57.6	57.6	57.8	57.8	57.8	57.9	57.9	57.9	58.0
7000	39.3	51.7	55.4	57.7	58.6	58.7	59.3	59.7	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.1
IVIV 6000	39.5	52.7	56.7	59.1	60.0	60.1	60.7	61.2	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6
5000	39.4	53.3	59.6	62.3	63.3	63.5	64.1	64.6	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.1
IVIV 4500	41.1	57.7	61.5	64.2	65.4	65.6	66.2	66.8	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.3
4000	41.6	58.5	63.1	66.2	67.4	67.6	68.4	69.1	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.4
IVIV 3500	42.2	60.6	65.3	68.3	69.8	70.0	70.8	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.8
3000	42.6	62.6	67.7	70.8	72.4	72.6	73.4	74.1	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.6
IVIV 2500	43.2	64.7	70.1	73.9	75.6	75.9	76.8	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.9
2000	43.8	68.3	74.1	78.1	80.1	80.5	81.6	82.3	82.3	82.6	82.6	82.6	82.7	82.7	82.7	82.8
IVIV 1800	43.9	68.9	74.8	78.9	80.9	81.3	82.5	83.2	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.8
1500	44.0	71.2	76.4	80.9	83.3	83.7	85.1	85.8	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.4
IVIV 1200	44.2	71.4	78.3	83.4	86.2	86.6	88.3	89.1	89.2	89.6	89.6	89.6	89.8	89.8	89.8	89.9
1000	44.3	71.8	78.9	84.3	87.3	87.8	89.4	90.5	90.5	91.2	91.0	91.0	91.2	91.2	91.2	91.3
IVIV 900	44.3	71.9	79.0	84.5	87.5	88.0	89.9	91.3	91.0	91.5	91.5	91.5	91.7	91.7	91.7	91.8
800	44.3	72.2	79.3	85.2	88.4	88.9	90.8	91.9	92.0	92.5	92.5	92.5	92.7	92.7	92.7	92.8
IVIV 700	44.4	72.5	79.6	85.3	89.0	89.6	91.6	92.9	93.0	93.5	93.6	93.6	93.7	93.7	93.7	93.8
600	44.4	72.7	80.1	86.0	89.8	90.4	92.9	94.2	94.2	94.8	94.9	94.9	95.0	95.0	95.0	95.1
IVIV 500	44.4	72.7	80.1	86.1	89.9	90.6	93.3	94.7	94.8	95.5	95.6	95.7	95.9	95.9	96.0	96.1
400	44.4	72.7	80.2	86.3	90.2	91.0	93.8	95.4	95.5	96.2	96.4	96.4	96.7	96.7	96.8	96.9
IVIV 300	44.4	72.8	80.3	86.5	90.5	91.3	94.2	95.8	95.9	96.8	97.1	97.2	97.5	97.5	97.8	97.8
200	44.4	72.8	80.3	86.6	90.6	91.3	94.4	96.1	96.2	97.2	97.6	97.7	98.2	98.2	98.5	98.6
IVIV 100	44.4	72.8	80.3	86.6	90.6	91.3	94.4	96.1	96.2	97.3	97.8	98.0	98.8	98.8	99.2	99.3
0	44.4	72.8	80.3	86.6	90.6	91.3	94.4	96.1	96.2	97.3	97.8	98.1	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2138

1210WS FORM JUL 64 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D SKY COVER

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

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

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

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

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

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

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

SKY COVER

13827	SMYRNA TENNESSEE/SEWART AFB	46-47,49-66	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	19.0	3.1	2.7	3.0	2.0	2.0	2.2	2.9	4.3	3.6	55.0	6.9	14829
FEB		23.0	3.5	3.2	3.7	2.5	2.0	2.5	3.0	4.8	3.7	48.1	6.3	12863
MAR		22.2	3.4	4.0	3.7	2.9	2.5	2.8	3.6	4.9	3.7	46.3	6.2	14134
APR		22.5	3.7	4.1	4.0	3.8	3.5	3.4	4.3	6.4	4.5	39.8	6.0	13680
MAY		22.3	4.7	5.2	5.5	5.0	4.2	4.2	5.1	7.8	5.2	30.9	5.5	14134
JUN		20.4	5.1	6.1	6.5	6.1	5.9	4.8	6.5	8.4	5.7	24.4	5.3	13529
JUL		19.4	4.8	6.5	6.5	6.1	6.1	5.1	7.3	9.6	6.6	22.0	5.3	13391
AUG		24.1	5.7	6.2	7.1	5.8	5.5	4.7	6.2	8.2	6.1	20.4	4.9	13389
SEP		31.9	5.8	5.3	5.4	4.6	4.5	3.5	4.8	6.1	4.8	23.3	4.5	13678
OCT		41.5	5.0	4.9	4.1	3.4	3.2	3.0	3.5	4.5	3.7	23.1	4.0	14132
NOV		30.5	4.4	4.1	4.1	2.6	2.7	2.8	3.7	5.0	4.0	36.1	5.3	13676
DEC		23.9	3.3	3.6	3.2	2.3	2.3	2.5	3.3	4.5	3.6	47.5	6.2	14134
TOTALS		25.1	4.4	4.6	4.7	3.9	3.7	3.4	4.5	6.2	4.6	34.9	5.5	165569

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

SKY COVER

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 46-47,49-66 (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	27.5	1.7	2.6	2.6	1.3	1.6	1.5	2.5	2.7	1.8	54.1	6.3	1854
	03-05	26.0	1.3	2.0	2.0	1.8	2.0	1.5	1.9	3.6	1.3	56.5	6.6	1854
	06-08	15.8	2.8	3.6	3.1	2.2	2.1	1.7	2.8	4.0	5.0	56.9	7.1	1854
	09-11	12.4	3.8	1.9	2.7	1.9	2.2	3.0	3.0	4.9	6.0	58.3	7.5	1854
	12-14	12.4	4.0	2.3	3.3	2.8	2.2	2.4	3.2	5.7	5.5	56.2	7.3	1853
	15-17	12.8	5.5	2.9	3.2	2.0	2.3	1.9	4.2	6.0	4.4	54.8	7.2	1854
	18-20	19.8	3.4	3.7	4.2	2.3	1.9	2.6	3.3	4.2	2.9	51.7	6.6	1854
	21-23	25.2	2.1	2.9	3.2	2.2	2.1	3.3	2.4	3.0	1.9	51.7	6.3	1852
TOTALS		19.0	3.1	2.7	3.0	2.0	2.0	2.2	2.9	4.3	3.6	55.0	6.9	14829

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

SKY COVER

13827 — STATION
SMYRNA TENNESSEE/SEWART AFB — STATION NAME
47,49-66 — PERIOD
FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	32.0	2.4	3.2	2.5	1.9	1.2	2.1	2.1	3.0	1.1	48.7	5.8	1608
	03-05	30.7	1.4	2.5	3.5	1.5	1.4	1.9	2.6	3.0	2.1	49.3	6.0	1608
	06-08	18.9	4.6	2.9	4.0	1.7	1.6	1.4	3.1	4.9	4.4	52.5	6.7	1607
	09-11	15.8	4.7	2.4	3.8	2.6	1.7	3.4	3.3	5.5	4.6	52.2	6.9	1608
	12-14	14.7	4.5	3.2	3.5	3.5	2.6	3.5	5.0	7.1	6.4	45.9	6.8	1608
	15-17	16.1	5.2	4.4	4.2	3.4	1.7	3.4	3.9	6.1	5.5	46.1	6.6	1608
	18-20	24.4	3.6	4.2	5.3	2.9	3.0	2.4	2.1	4.4	3.0	44.5	5.9	1608
	21-23	31.8	1.7	2.6	3.1	2.4	2.5	2.1	2.2	4.1	2.2	45.2	5.7	1608
TOTALS		23.0	3.5	3.2	3.7	2.5	2.0	2.5	3.0	4.8	3.7	48.1	6.3	12863

1210WS FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

SKY COVER

13827 (STATION) | SMYRNA TENNESSEE/SEWART AFB (STATION NAME) | 47,49-66 (PERIOD) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	33.0	1.6	2.3	2.9	1.9	1.5	2.5	2.4	4.0	1.8	46.1	5.7	1767
	03-05	29.4	2.5	2.7	2.9	2.0	1.6	1.8	2.6	3.7	1.8	48.8	6.0	1767
	06-08	17.7	4.4	3.5	3.4	2.9	2.4	2.5	3.7	4.9	5.1	49.6	6.7	1767
	09-11	15.1	4.4	4.3	3.1	3.3	2.4	3.7	4.8	6.0	5.2	47.8	6.8	1767
	12-14	12.7	3.6	4.6	4.0	3.5	3.6	3.4	4.8	6.5	5.6	47.8	6.9	1767
	15-17	13.0	4.5	4.6	4.1	3.6	3.7	3.2	4.9	7.0	6.1	45.3	6.8	1765
	18-20	23.4	3.9	6.3	4.1	3.2	2.2	2.9	3.5	4.5	2.5	43.4	5.9	1767
	21-23	33.2	2.4	3.8	4.8	2.8	2.5	2.3	2.5	2.4	1.6	41.7	5.3	1767
TOTALS		22.2	3.4	4.0	3.7	2.9	2.5	2.8	3.6	4.9	3.7	46.3	6.2	14134

1210WS FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

SKY COVER

13827 — STATION
SMYRNA TENNESSEE/SEWART AFB — STATION NAME
47,49-66 — PERIOD
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	35.0	2.7	3.8	3.6	2.6	1.6	3.1	3.2	4.7	2.2	37.5	5.1	1710
	03-05	27.9	3.6	4.5	4.7	3.3	3.0	3.2	3.1	5.6	3.0	38.1	5.5	1710
	06-08	18.7	4.3	4.2	3.6	4.0	2.9	3.1	4.8	5.6	5.5	43.3	6.3	1710
	09-11	15.3	4.6	4.6	4.3	4.4	4.8	3.2	5.6	5.5	6.0	41.8	6.4	1710
	12-14	13.7	4.0	4.0	2.9	4.2	5.3	4.5	5.5	8.6	6.2	41.1	6.7	1710
	15-17	14.9	4.0	4.2	4.6	4.2	4.1	3.4	5.3	9.4	6.6	39.5	6.5	1710
	18-20	20.6	4.7	4.4	4.7	4.0	3.7	3.9	4.6	6.4	3.9	39.0	5.9	1710
	21-23	34.1	1.9	3.3	3.3	3.9	2.3	2.7	2.7	5.6	2.5	37.7	5.2	1710
TOTALS		22.5	3.7	4.1	4.0	3.8	3.5	3.4	4.3	6.4	4.5	39.8	6.0	13680

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

SKY COVER

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 47,49-66 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	43.0	3.2	5.0	5.1	3.7	3.5	2.6	2.9	5.2	2.5	23.4	3.9	1767
	03-05	27.8	5.4	5.5	4.8	4.4	3.4	2.8	4.1	7.1	4.7	30.1	5.1	1767
	06-08	19.5	4.9	4.9	4.8	3.5	2.8	3.0	4.4	6.9	7.1	38.3	6.1	1767
	09-11	14.6	4.2	4.9	4.9	4.8	4.1	4.4	5.5	10.0	6.8	35.9	6.3	1767
	12-14	9.2	3.2	3.8	5.0	6.5	7.2	6.3	7.5	12.0	6.8	32.5	6.6	1767
	15-17	8.0	5.3	5.6	7.6	6.6	5.7	5.7	6.3	10.1	7.0	32.0	6.4	1767
	18-20	17.9	7.4	6.0	6.3	5.7	4.1	4.6	5.8	7.2	4.4	30.5	5.5	1767
	21-23	38.2	3.6	5.8	5.4	5.1	3.2	4.1	4.3	3.7	2.2	24.3	4.2	1765
TOTALS		22.3	4.7	5.2	5.5	5.0	4.2	4.2	5.1	7.8	5.2	30.9	5.5	14134

1210WS FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

SKY COVER

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 47,49-66 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	44.9	3.8	5.5	4.7	3.6	3.5	3.9	4.1	3.8	2.0	20.2	3.6	1692
	03-05	25.9	5.3	6.3	6.0	6.1	4.6	3.7	6.1	6.4	4.9	24.6	4.9	1692
	06-08	19.8	5.7	5.6	4.9	4.7	5.6	3.5	6.7	8.9	7.0	27.5	5.6	1692
	09-11	11.2	5.5	5.0	7.1	6.5	7.0	5.2	8.7	11.5	8.0	24.4	6.0	1692
	12-14	4.2	3.1	4.5	8.7	9.0	9.4	7.3	8.2	13.2	9.3	23.0	6.4	1692
	15-17	5.6	6.0	6.8	9.3	8.2	8.3	6.3	7.7	10.3	7.3	24.2	6.0	1692
	18-20	14.9	7.5	7.7	5.9	6.3	4.7	4.3	6.6	8.7	5.0	28.5	5.6	1689
	21-23	36.7	4.0	7.8	5.3	4.6	3.9	4.0	4.0	4.8	2.1	22.7	4.1	1688
TOTALS		20.4	5.1	6.1	6.5	6.1	5.9	4.8	6.5	8.4	5.7	24.4	5.3	13529

1210WS FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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

SKY COVER

13827 (STATION) | SMYRNA TENNESSEE/SEWART AFB (STATION NAME) | 49-66 (PERIOD) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	44.7	4.4	7.3	5.3	3.3	3.2	3.4	4.4	4.6	1.8	17.6	3.4	1674
	03-05	28.3	4.7	8.8	7.2	5.2	4.3	4.4	5.5	6.8	4.7	20.2	4.5	1674
	06-08	17.4	6.0	6.1	5.7	4.9	5.2	4.0	6.9	9.2	7.1	27.4	5.7	1673
	09-11	9.9	4.8	5.4	5.3	6.6	6.7	5.2	8.7	13.5	9.7	24.2	6.2	1674
	12-14	3.0	2.5	3.9	6.8	8.4	11.0	7.6	11.4	14.3	10.2	20.9	6.6	1674
	15-17	4.9	4.6	6.2	8.5	7.7	7.6	6.6	10.4	11.9	9.7	21.9	6.3	1674
	18-20	12.8	6.6	6.9	5.7	6.8	6.1	4.8	7.1	10.7	7.8	24.9	5.8	1674
	21-23	34.3	4.6	7.3	7.4	5.8	4.3	4.8	4.4	5.9	2.2	19.0	4.0	1674
TOTALS		19.4	4.8	6.5	6.5	6.1	6.1	5.1	7.3	9.6	6.6	22.0	5.3	13391

1210WS FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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

SKY COVER

13827 (STATION) | SMYRNA TENNESSEE/SEWART AFB (STATION NAME) | 49-66 (PERIOD) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	49.6	3.8	4.2	4.6	4.2	2.7	3.3	3.6	4.2	1.9	17.6	3.3	1674
	03-05	35.1	4.7	7.5	7.4	4.7	3.9	2.8	4.2	6.6	3.3	19.7	4.1	1673
	06-08	23.7	7.1	6.0	5.3	4.7	3.5	3.6	5.3	9.3	6.8	24.8	5.1	1673
	09-11	14.2	6.2	5.7	6.8	6.2	7.0	5.6	6.8	9.7	7.9	24.0	5.7	1674
	12-14	4.5	3.9	4.4	7.5	9.0	11.1	7.2	9.3	12.6	11.1	19.5	6.3	1674
	15-17	5.9	6.6	7.2	11.1	7.4	7.4	5.1	9.6	10.4	9.0	20.4	5.9	1674
	18-20	18.7	7.5	8.2	7.6	5.8	5.3	5.9	6.3	8.2	6.2	20.3	5.0	1673
	21-23	40.8	5.9	6.2	6.3	4.5	3.2	4.0	4.6	4.8	2.9	16.8	3.6	1674
TOTALS		24.1	5.7	6.2	7.1	5.8	5.5	4.7	6.2	8.2	6.1	20.4	4.9	13389

1210WS FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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

SKY COVER

13827 — STATION
SMYRNA TENNESSEE/SEWART AFB — STATION NAME
46,49-66 — 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	50.7	3.7	4.9	3.7	3.0	2.1	2.2	3.3	3.5	1.6	21.2	3.4	1710
	03-05	43.0	3.6	4.6	4.6	3.5	3.3	3.4	4.3	3.9	1.9	24.1	4.0	1710
	06-08	27.3	7.4	5.4	4.5	4.8	3.8	2.4	4.4	7.3	6.3	26.3	4.9	1709
	09-11	23.8	7.5	4.7	6.0	4.6	5.0	3.7	4.9	7.8	5.8	26.0	5.1	1710
	12-14	16.1	6.4	4.5	5.6	7.3	8.5	5.0	6.3	8.4	8.1	22.8	5.6	1710
	15-17	17.8	7.0	7.1	7.3	6.5	5.4	3.5	6.3	8.7	7.2	23.3	5.3	1710
	18-20	30.4	5.9	5.9	7.2	3.9	5.0	4.7	4.6	6.1	4.9	21.5	4.5	1710
	21-23	46.3	4.8	5.3	4.4	3.3	3.2	3.2	3.9	3.3	2.1	20.1	3.5	1709
TOTALS		31.9	5.8	5.3	5.4	4.6	4.5	3.5	4.8	6.1	4.8	23.3	4.5	13678

1210WS FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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

SKY COVER

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 46,49-66 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	58.0	1.8	2.8	2.8	2.7	2.2	2.0	2.1	2.5	1.6	21.4	3.1	1767
	03-05	51.4	3.1	3.4	3.8	2.3	1.6	2.3	2.5	3.2	2.7	23.7	3.6	1767
	06-08	32.2	6.7	6.2	3.9	3.3	3.2	3.1	4.0	5.8	4.9	26.6	4.6	1766
	09-11	31.0	6.5	5.1	5.0	4.9	3.5	3.3	4.6	5.9	5.8	24.3	4.6	1767
	12-14	27.9	5.8	6.2	5.2	4.2	5.0	4.9	5.4	6.4	5.0	24.0	4.8	1766
	15-17	30.1	7.8	5.8	5.0	4.2	4.4	4.1	4.5	6.0	5.0	23.2	4.5	1767
	18-20	44.8	6.1	5.3	3.7	3.3	3.7	2.7	3.3	3.4	2.7	21.0	3.6	1766
	21-23	56.6	2.7	4.1	3.2	2.4	2.0	1.8	1.9	3.0	1.9	20.3	3.1	1766
TOTALS		41.5	5.0	4.9	4.1	3.4	3.2	3.0	3.5	4.5	3.7	23.1	4.0	14132

1210WS FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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

SKY COVER

13827 — STATION
SMYRNA TENNESSEE/SEWART AFB — STATION NAME
46,49-66 — 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	40.8	2.5	3.5	3.5	1.7	1.6	2.4	3.0	3.7	1.7	35.8	4.7	1708
	03-05	40.2	2.3	3.0	3.3	2.2	1.6	2.3	2.3	3.1	2.5	37.1	4.8	1710
	06-08	23.4	4.4	4.9	4.3	2.9	2.5	3.0	4.3	5.8	5.0	39.6	5.9	1710
	09-11	22.4	5.8	3.5	3.5	2.4	3.4	2.4	3.6	7.1	6.4	39.6	6.0	1710
	12-14	21.2	4.8	4.0	5.4	2.4	4.4	3.3	4.2	6.5	6.1	37.6	5.9	1710
	15-17	21.3	7.0	4.7	5.4	3.5	3.6	3.3	5.6	5.9	5.4	34.3	5.6	1710
	18-20	34.7	4.9	5.1	4.4	3.3	2.0	2.5	3.3	4.4	2.7	32.6	4.8	1710
	21-23	40.0	3.3	4.0	2.8	2.6	2.3	3.3	3.3	3.7	1.9	32.5	4.6	1708
TOTALS		30.5	4.4	4.1	4.1	2.6	2.7	2.8	3.7	5.0	4.0	36.1	5.3	13676

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

SKY COVER

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 46,49-66 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	31.4	2.2	2.9	2.5	2.0	1.8	2.1	2.6	3.3	2.3	47.0	5.8	1767
	03-05	32.7	1.3	2.2	2.6	1.8	1.7	2.0	2.4	3.1	1.8	48.4	5.8	1767
	06-08	18.1	4.6	4.8	3.8	1.5	2.4	2.3	3.5	6.0	4.1	48.8	6.6	1767
	09-11	16.3	4.5	3.2	3.4	2.4	2.4	2.9	3.3	6.6	6.6	48.5	6.8	1766
	12-14	15.2	4.7	4.1	3.7	3.2	3.1	2.9	5.5	6.1	4.8	46.7	6.7	1767
	15-17	17.1	4.3	4.6	4.4	3.6	2.8	2.3	3.8	4.6	5.5	46.9	6.5	1767
	18-20	28.5	3.3	4.0	2.9	2.0	2.1	2.4	2.4	3.5	2.2	46.7	5.8	1767
	21-23	31.6	1.9	2.8	2.3	2.2	1.9	2.7	2.6	2.9	1.9	47.2	5.8	1766
TOTALS		23.9	3.3	3.6	3.2	2.3	2.3	2.5	3.3	4.5	3.6	47.5	6.2	14134

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

PART E PSYCHROMETRIC SUMMARIES

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

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

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

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

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

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

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

E

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. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

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

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

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

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

DAILY TEMPERATURES

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-47,49-65 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 105							.3	.2					.0
≥ 100						2.6	2.5	2.4	1.1				.7
≥ 95					.2	11.9	17.8	17.1	5.1				4.2
≥ 90					9.3	38.5	54.8	51.1	19.1	1.6			14.2
≥ 85				5.2	34.3	65.2	84.4	80.3	44.2	8.6			26.4
≥ 80		.2	2.7	21.4	60.7	86.6	97.3	93.4	68.2	27.8	1.2		37.7
≥ 75	.4	.8	7.7	39.4	76.9	95.3	99.8	99.0	87.2	48.7	8.0	.3	46.3
≥ 70	4.0	6.1	18.5	56.1	86.5	98.7	100.0	99.8	95.1	65.0	21.3	3.1	53.8
≥ 65	11.0	17.2	31.5	73.0	94.1	99.8		100.0	98.8	78.9	37.0	9.2	61.9
≥ 60	22.1	30.9	46.8	84.5	98.4	100.0			100.0	89.0	51.5	19.0	69.6
≥ 55	33.6	46.9	65.3	91.5	99.4					95.4	64.7	34.7	77.1
≥ 50	47.6	58.3	75.3	97.3	100.0					98.5	77.8	49.0	83.2
≥ 45	61.6	74.2	87.4	99.8						99.5	87.8	64.0	89.2
≥ 40	76.0	84.3	94.4	100.0						99.8	94.2	77.7	93.6
≥ 35	89.0	91.2	97.3							100.0	97.8	88.1	96.8
≥ 30	94.9	95.4	99.4								99.7	95.6	98.7
≥ 25	98.7	98.6	99.8									99.7	99.7
≥ 20	99.4	99.5	100.0								99.8	99.8	99.8
≥ 15	99.5	99.7									100.0		99.9
≥ 10	99.8	100.0											99.9
≥ 5	100.0											100.0	100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	48.8	52.1	58.3	70.4	80.0	87.0	89.7	89.2	83.0	72.6	59.1	48.8	69.6
S D	12.158	12.207	11.686	10.160	8.345	6.877	5.254	5.802	7.619	9.724	11.633	11.414	18.134
TOTAL OBS	670	593	620	599	644	621	589	589	570	608	600	620	7323

1210 WS FORM JUL 64 0-21-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

DAILY TEMPERATURES

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-47,49-65 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	.2						.0
75						3.9	6.8	5.1	.7				1.3
70					2.0	28.0	52.6	41.8	11.4	1.5			11.2
65			.2	3.2	19.6	63.8	84.7	72.3	33.0	3.9	.5		23.0
60	.4	.5	1.8	14.0	46.3	82.6	95.1	93.5	54.4	13.2	2.7	.8	33.2
55	3.0	2.5	6.6	28.0	67.4	94.4	99.1	99.0	76.1	26.2	6.8	2.9	42.1
50	7.0	7.6	14.7	44.7	82.4	99.4	100.0	99.8	90.2	41.4	12.8	6.3	49.9
45	12.8	13.8	25.6	61.8	90.8	100.0		100.0	96.0	62.0	22.5	10.6	57.4
40	20.7	24.6	40.3	78.9	98.0				99.1	80.6	37.3	18.9	65.9
35	33.9	39.0	58.2	91.7	99.7				100.0	93.6	56.0	32.1	74.8
30	51.6	58.7	79.5	98.0	100.0					97.7	75.3	51.5	84.0
25	70.0	76.9	92.4	100.0						99.8	90.8	71.1	91.5
20	82.8	85.5	97.6							100.0	97.3	84.5	95.5
15	92.2	91.9	99.2								99.5	92.9	97.9
10	96.3	96.6	99.7								99.7	97.1	99.0
5	98.2	98.3	100.0								99.8	99.4	99.6
0	99.0	99.2										99.7	99.8
5-	99.7	99.8									100.0		99.9
10-	99.8											100.0	99.9
15-	100.0	100.0											100.0
MEAN	30.3	31.8	37.7	48.0	57.3	65.5	68.8	67.5	60.1	47.9	37.0	30.3	48.3
SD	12.03	11.828	10.211	9.542	7.956	5.965	4.681	5.029	7.789	9.505	10.458	11.311	17.045
TOTAL OBS	670	593	620	599	644	621	589	589	570	608	600	620	7323

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-47,49-65 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.2	.5	.2					.1
85						5.5	9.3	8.0	1.8				2.0
80					2.3	33.3	54.2	44.3	12.6	.8			12.0
75				2.7	24.2	63.9	86.9	80.6	36.5	4.4			24.4
70	.1		1.1	14.4	53.3	87.6	98.1	96.3	63.7	13.0	1.5		35.2
65	.9	1.0	6.1	33.6	75.8	96.6	99.8	99.7	85.4	34.0	5.3	1.0	44.3
60	4.6	5.4	15.2	50.9	87.4	99.5	100.0	100.0	94.6	55.1	14.2	4.0	51.9
55	9.4	13.2	26.6	69.4	94.4	100.0			99.5	75.2	28.5	8.5	59.7
50	19.6	26.3	43.7	84.3	98.6				100.0	89.0	44.0	17.6	68.0
45	31.8	41.8	61.9	94.3	100.0					97.2	62.5	31.5	76.2
40	50.9	61.5	80.8	99.0						99.3	79.8	50.2	84.7
35	67.8	77.4	92.6	100.0						100.0	91.7	69.0	91.3
30	82.4	86.8	96.8								97.2	84.7	95.5
25	92.4	91.9	99.2								99.5	91.8	97.8
20	96.4	97.1	99.5								99.7	98.1	99.2
15	98.7	98.6	100.0									99.7	99.7
10	99.5	99.5									100.0		99.8
5	99.7	99.8										99.8	99.9
0	100.0	100.0											99.9
5-												100.0	100.0
MEAN	39.7	42.1	48.2	59.3	68.0	76.4	79.4	78.5	71.7	60.4	48.2	39.7	59.1
S.D.	11.239	11.242	10.090	9.016	7.370	5.11	4.204	4.638	6.711	8.438	10.091	10.547	17.152
TOTAL OBS.	670	593	620	599	644	621	589	589	570	608	600	620	7323

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

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,47,49-65 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											78	72	
43	75	70	75	85	90	100	100	105	96	85	82	67	105
44	72	74	81		95	101	99	99	93	88	79	61	
45	58	77	83	85	91	96	101	99	97	87	81	58	101
47		64	80	88									
49	73	75			90	92	95	94	92	88	76	68	
50	77	70	77	83	90	94	91	90	88	88	84	70	94
51	69	73	81	88	92	98	96	103	100	93	72	76	103
52	79	73	80	85	92	104	107	101	94	87	78	70	107
53	67	67	75	84	93	100	98	100	100	93	79	73	100
54	63	75	78	87	92	100	103	103	104	92	77	69	104
55	69	75	77	88	91	90	97	96	96	86	79	71	97
56	58	69	79	85	91	95	98	99	94	85	80	73	99
57	70	71	72	88	91	96	96	99	97	80	76	67	99
58	57	70	61	86	90	96	94	93	92	84	81	64	96
59	73	72	79	84	92	96	94	95	93	91	80	65	96
60	74	66	79	88	92	93	94	96	97	86	76	66	97
61	60	74	73	84	87	89	90	91	92	85	84	72	92
62	73	82	74	84	94		98	100	95	83	69	68	
63	67	64	84	88	87	94	92	97	89	86	73	60	97
64	68	59	73	85	92	96	95	98	94	81	78	75	98
65	70	72	70	87	87	88							
[illegible]	79	[illegible]	[illegible]	88	95	104	107	105	104	[illegible]	[illegible]	76	107
MEAN	69.1	71.0	76.6	85.9	91.0	95.7	96.7	97.8	94.9	86.7	78.1	68.3	99.1
S. D.	5.964	5.113	5.246	1.761	2.139	4.230	4.175	4.022	3.857	3.649	3.782	4.898	4.090
TOTAL OBS	620	593	620	570	620	570	589	589	570	589	600	620	7150

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

1

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT
(LESS THAN FULL MONTH)

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
42										80 19			DAYS
44				82 29									DAYS
46	74 29												DAYS
47	73 21				88 24	97 23							DAYS
62						92 28							DAYS
MEAN													
S. D.													
TOTAL OBS.													

1210 WS FORM JUL 64 0-08-5 (OL_1)

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

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,47,49-65 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											27	10	
43	10	12	8	32	44	59	57	56	44	32	23	11	8
44	15	14	22		38	52	55	57	50	32	23	17	
45	11	9	30	33	40	46	54	51	51	34	22	8	8
47		6	19	38									
49	15	10			49	60	65	60	38	39	23	15	
50	22	22	21	25	54	50	58	54	42	41	1-	11	1-
51	15	11-	24	33	42	58	59	60	43	37	16	9	11-
52	14	25	24	30	42	58	57	59	46	26	20	20	14
53	23	23	30	32	47	58	58	56	47	31	20	8	8
54	12	21	23	32	37	47	65	60	51	32	19	20	12
55	7	7	16	37	47	51	63	63	56	31	15	12	7
56	14	27	24	33	46	✓45	61	54	43	40	21	23	14
57	9	24	28	32	38	59	61	57	50	28	23	9	9
58	15	2-	23	30	39	53	65	57	49	34	19	10	2-
59	2	14	25	34	41	53	61	65	53	35	16	23	2
60	16	8	7	29	37	53	62	65	51	34	23	6	6
61	3	15	30	31	38	53	✓ 50	57	42	✓24	16	7	3
62	4-	9	23	28	42		52	57	38	26	20	10-	
63	13-	3	27	31	✓31	58	53	53	✓38	28	22	3	13-
64	8	12	22	28	43	50	55	✓49	39	28	14	9	8
65	1	1-	16	37	46	50							
[illegible]	-1	11	7	25	31	45	50	41	18	24	-1	-10	-13
MEAN	9.8	11.8	22.1	31.8	42.1	53.3	58.5	57.4	47.8	32.2	19.1	11.1	4.5
S D	8.638	9.823	6.406	3.270	5.196	4.715	4.551	4.271	5.580	4.860	5.790	7.543	7.925
TOTAL OBS	620	593	620	570	620	570	589	589	570	589	600	620	7150

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

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT
(LESS THAN FULL MONTH)

MONTH / YEAR	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
42										28 19			DAYS
44				28 29									DAYS
46	12 29												DAYS
47	16 21				35 24	53 23							DAYS
62						53 28							DAYS
MEAN													
S. D.													
TOTAL OBS													

1210 WS FORM JUL 64 0-88-5 (OLI)

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-47,49-66 YEARS | ALL 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
106/105																	.0	.0	4	4		
104/103														.0	.0	.0	.0	.0	22	22		
102/101													.0	.0	.0	.0	.0	.0	65	65		
100/ 99										.0	.0	.0	.0	.0	.0	.0	.0	.0	155	157		
98/ 97									.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	310	312		
96/ 95						.0		.0	.0	.1	.1	.1	.0	.0	.0	.0	.0		664	666		
94/ 93						.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0			1109	1117		
92/ 91					.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.0	.0			1813	1834		
90/ 89		.0	.0		.0	.0	.1	.3	.3	.3	.2	.1	.0	.0	.0	.0			2603	2620		
88/ 87				.0	.0	.1	.3	.4	.3	.2	.2	.1	.0	.0					3314	3329	1	1
86/ 85			.0	.0	.1	.3	.5	.4	.3	.2	.1	.1	.0	.0					3938	3950	3	
84/ 83		.0	.0	.1	.3	.5	.4	.3	.3	.2	.1	.1	.0	.0					4205	4229	3	2
82/ 81		.0	.0	.3	.5	.4	.4	.3	.3	.2	.1	.0	.0	.0					4750	4773	48	5
80/ 79	.0	.0	.2	.5	.5	.4	.4	.3	.3	.2	.1	.0	.0						5517	5553	392	13
78/ 77	.0	.1	.5	.6	.5	.4	.3	.3	.2	.1	.1	.0	.0						6121	6161	2146	153
76/ 75	.0	.5	.9	.7	.5	.4	.3	.3	.2	.1	.1	.0	.0						7256	7313	5646	845
74/ 73	.1	1.0	.9	.6	.4	.3	.3	.2	.2	.1	.1	.0	.0						7663	7727	8554	3403
72/ 71	.1	1.2	.9	.6	.4	.3	.2	.2	.1	.1	.1	.0	.0						8136	8221	10169	7188
70/ 69	.2	1.2	1.0	.7	.4	.3	.2	.2	.1	.1	.0	.0							8192	8295	10660	9459
68/ 67	.1	1.1	1.0	.6	.4	.3	.2	.2	.2	.1	.0	.0							7590	7696	9792	9449
66/ 65	.2	1.0	1.0	.5	.4	.2	.2	.2	.2	.1	.0	.0							7301	7395	9381	8931
64/ 63	.1	1.0	.8	.5	.3	.2	.2	.2	.1	.0	.0								6556	6663	8746	8548
62/ 61	.1	1.1	.7	.5	.3	.3	.2	.2	.1	.0									6510	6613	8210	8441
60/ 59	.2	1.0	.7	.5	.3	.3	.2	.2	.1	.0									6562	6657	7846	8155
58/ 57	.2	1.0	.6	.4	.3	.3	.3	.2	.0	.0									5997	6108	7029	7914
56/ 55	.2	1.0	.6	.4	.4	.3	.2	.1	.0										6008	6131	6675	7385
54/ 53	.1	.9	.6	.4	.3	.3	.2	.1	.0										5586	5700	6218	6748
52/ 51	.2	.9	.6	.5	.4	.3	.2	.0											5435	5575	6276	6356
50/ 49	.2	.9	.7	.5	.4	.3	.1	.0											5728	5859	6206	5999
48/ 47	.2	.8	.6	.5	.4	.2	.1	.0											5149	5232	6257	5458
46/ 45	.2	1.0	.6	.6	.4	.2	.0												5688	5788	6456	5324
44/ 43	.2	1.0	.8	.5	.3	.1	.0												5485	5611	6361	5562
42/ 41	.3	.9	.8	.5	.3	.1	.0												5242	5372	6318	5747
40/ 39	.2	1.0	.9	.5	.2	.0													5210	5322	6383	5702

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 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-47,49-66 YEARS | ALL MONTH

Temp F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB /WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9 10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
38/ 37	.2	1.	.8	.5	.1	.0												4859	4972	6050	5451
36/ 35	.2	1.2	.8	.4	.1	.0												4851	4958	5839	5997
34/ 33	.2	1.1	.8	.2	.0													4243	4367	5435	5855
32/ 31	.2	.8	.7	.2	.0													3682	3785	5245	6288
30/ 29	.1	.9	.5	.1	.0													3233	3345	4304	5899
28/ 27	.1	.8	.4	.1														2601	2715	3643	4429
26/ 25	.1	.6	.3	.0														2001	2088	2770	4918
24/ 23	.1	.5	.2	.0														1411	1462	2175	4317
22/ 21	.1	.4	.1	.0														1125	1175	1561	3674
20/ 19	.1	.4	.1	.0														945	989	1260	2801
18/ 17	.1	.3	.0															715	735	969	2463
16/ 15	.1	.2	.0															500	522	736	2145
14/ 13	.0	.1	.0															307	322	432	1535
12/ 11	.0	.1	.0															262	270	311	1183
10/ 9	.0	.1	.0															178	183	238	900
8/ 7	.0	.0																115	123	139	753
6/ 5	.0	.0																75	75	91	584
4/ 3	.0	.0																71	71	69	418
2/ 1	.0	.0																55	55	66	267
0/- 1	.0	.0																39	40	38	167
- 2/- 3	.0	.0																26	26	30	91
- 4/- 5	.0	.0																20	20	23	96
- 6/- 7	.0	.0																14	14	16	53
- 8/- 9	.0																	14	14	16	45
-10/-11	.0																	6	6	6	29
-12/-13	.0																	7	7	7	32
-14/-15																					26
-16/-17																					21
-18/-19																					5
-20/-21																					8
-22/-23																					1
TOTAL	4.7	27.[illegible]	20.1	12.9	8.9	6.9	5.6	4.6	3.6	2.5	1.6	.8	.4	.2	.1	.0	.0	190409		187238	
																		187239		187245	

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.	982084888	13062562	69.8	19.443	187238							
Dry Bulb	720253671	11160129	58.6	18.438	190409	5.6	812.8	3464.7	2337.6	1224.5	110.6	8760.0
Wet Bulb	568903384	9877822	52.8	15.980	187245	6.2	1114.4	2246.3	798.1	7.9		8760.0
Dew Point	482583972	8921754	47.6	17.519	187238	26.5	1997.4	1449.0	210.4	.5		8760.0

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

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-47,49-66 YEARS | JAN 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
80/ 79							.0											1	1		
78/ 77						.0	.0											4	4		
76/ 75					.0	.0	.0											5	5		
74/ 73				.0	.0	.0	.0	.0										19	19		
72/ 71			.0	.0	.0	.1	.0	.0										31	33		
70/ 69			.1	.1	.2	.1	.0	.0	.0									76	87		
68/ 67		.0	.3	.3	.1	.0	.1	.0	.0									134	140	13	
66/ 65	.0	.2	.3	.3	.1	.0	.1	.0	.0	.0	.0							184	192	34	11
64/ 63	.0	.2	.6	.3	.1	.1	.1	.0	.0	.0								258	266	136	44
62/ 6	.1	.5	.4	.4	.2	.1	.1	.0	.0									304	321	213	111
60/ 59	.1	.7	.6	.5	.2	.1	.1	.1	.0									392	408	299	204
58/ 57	.2	.7	.6	.3	.2	.2	.2	.1	.0									434	466	312	315
56/ 55	.3	.9	.5	.3	.2	.3	.3	.1										447	483	396	302
54/ 53	.4	.9	.4	.2	.2	.4	.3	.1										460	482	434	377
52/ 51	.4	.8	.4	.3	.5	.4	.2	.0										471	515	386	360
50/ 49	.5	1.0	.5	.5	.5	.5	.1	.0										583	632	401	380
48/ 47	.5	1.1	.6	.7	.6	.4	.1	.0										671	691	470	387
46/ 45	.5	1.4	.8	.9	.6	.3	.1											759	791	594	404
44/ 43	.5	1.4	1.2	1.0	.5	.3	.0											797	825	726	464
42/ 41	.7	1.7	1.3	1.0	.6	.2												882	908	810	446
40/ 39	.8	2.3	1.5	1.0	.5	.1												1015	1048	988	539
38/ 37	.8	2.2	1.6	1.3	.4	.0												1037	1058	1082	696
36/ 35	.7	2.7	2.2	.8	.1	.0												1058	1071	1046	857
34/ 33	.5	3.0	2.2	.8	.0													1053	1076	1139	800
32/ 31	.6	2.4	2.1	.4	.0													893	902	1218	973
30/ 29	.5	2.7	1.9	.3														884	902	1074	1049
28/ 27	.3	2.2	1.4	.3														685	701	943	835
26/ 25	.2	2.1	.9	.2														561	573	740	943
24/ 23	.4	1.9	.7	.0														492	499	632	940
22/ 21	.3	1.5	.4	.0														381	383	527	893
20/ 19	.3	1.6	.3															354	360	440	656
18/ 17	.3	1.2	.2															273	275	360	645
16/ 15	.3	.7	.1															181	184	262	637
14/ 13	.2	.5	.1															117	117	155	462

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 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-47,49-66 YEARS | JAN MONTH

PAGE 2 ALL HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D B /W B	TOTAL		
	0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 2	27 - 28	29 - 30	> 31		Dry Bulb	Wet Bulb	Dew Point
12/ 11	.2	.4	.0															105	105	115	358
10/ 9	.1	.3																60	60	93	269
8/ 7	.1	.2																48	48	56	219
6/ 5	.1	.1																39	39	48	167
4/ 3	.1	.1																37	37	35	139
2/ 1	.1	.1																33	33	39	98
0/- 1	.0	.1																23	23	19	70
- 2/- 3	.0	.1																19	19	21	51
- 4/- 5	.0	.0																6	6	12	42
- 6/- 7	.0	.0																9	9	9	36
- 8/- 9	.0																	5	5	6	28
-10/-11	.0																	3	3	3	18
-12/- 13	.0																	7	7	7	22
- 14/- 15																					16
-16/-17																					10
-18/-19																					4
-20/-21																					7
-22/-23																					1
TOTAL	11.3	40.0	24.2	12.4	6.0	3.6	1.8	.5	.1	.1	.0							16290	16812	16293	16285

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.	92525091	1194277	73.3	17.420	16285							
Dry Bulb	28639989	655937	39.0	13.465	16812	3.2	234.1	12.8	1.3			744.0
Wet Bulb	23175387	579925	35.6	12.471	16293	3.5	311.2	.6				744.0
Dew Point	18304073	492979	30.3	14.408	16285	13.9	438.0					744.0

FORM 0-26-5 (OL-1) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | FEB MONTH

PAGE 1 ALL HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31	Dry Bulb	Wet Bulb	Dew Point	
82/ 81										.0	.0	.0						3	3		
80/ 79									.0									1	1		
78/ 77								.0	.0	.0								4	4		
76/ 75						.0	.0	.0	.0									7	7		
74/ 73					.0	.0	.0	.0	.0	.0	.0							25	25		
72/ 71		.0		.0	.1	.0	.0	.0	.0	.0	.0							47	47		
70/ 69			.0	.2	.2	.1	.1	.1	.1	.0								116	116	1	1
68/ 67		.0	.1	.2	.2	.2	.1	.1	.1	.0								150	152		
66/ 65		.0	.3	.3	.2	.2	.1	.2	.1	.1								227	228	29	1
64/ 63		.3	.3	.3	.2	.2	.2	.2	.2	.0								266	269	93	19
62/ 61	.0	.5	.3	.4	.3	.3	.3	.2	.1	.0								376	377	197	81
60/ 59	.2	.7	.5	.4	.3	.2	.3	.3	.1	.0								429	433	265	190
58/ 57	.2	.7	.5	.3	.3	.4	.4	.2	.0									461	474	289	238
56/ 55	.2	.9	.7	.4	.5	.5	.4	.2	.0									533	543	402	257
54/ 53	.4	1.3	.5	.6	.4	.5	.5	.1										609	617	434	339
52/ 51	.5	1.4	.7	.6	.5	.6	.3	.0										685	694	590	413
50/ 49	.5	1.2	.9	.8	.7	.5	.2	.0										694	706	588	454
48/ 47	.3	1.2	.9	.8	.8	.4	.2											657	678	662	421
46/ 45	.4	1.7	1.1	1.2	.8	.5	.1											809	821	752	433
44/ 43	.7	1.7	1.5	.9	.9	.3	.0											851	869	829	539
42/ 41	.6	1.7	2.0	.9	.5	.2	.0											834	870	889	616
40/ 39	.4	2.1	2.0	.9	.6	.1												867	892	942	599
38/ 37	.4	2.4	1.5	.9	.4	.0												799	836	1018	699
36/ 35	.4	2.6	1.6	.8	.2													797	828	980	813
34/ 33	.5	2.4	1.8	.6	.1													739	783	861	944
32/ 31	.4	1.7	1.1	.4	.0													528	575	873	953
30/ 29	.4	2.0	1.1	.5														569	624	693	879
28/ 27	.4	1.7	1.1	.2														479	545	610	671
26/ 25	.4	1.6	.9	.1														413	458	486	800
24/ 23	.1	1.1	.6	.1														260	295	412	638
22/ 21	.2	.8	.4	.0														197	235	328	547
20/ 19	.1	.9	.2	.0														177	213	215	443
18/ 17	.2	.7	.2															150	168	205	425

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 (OL1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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 D B./W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15	.1	.7	.1															123	142	152	340
14/ 13	.2	.5	.0															91	106	132	274
12/ 11	.2	.3	.0															70	78	96	238
10/ 9	.1	.2																55	61	59	252
8/ 7	.1	.1																31	37	43	217
6/ 5	.1	.1																21	21	20	150
4/ 3	.1	.1																22	22	22	96
2/ 1	.1	.0																15	15	19	72
0/- 1	.1	.0																11	12	12	56
- 2/- 3	.0																	3	3	4	27
- 4/- 5	.0	.0																8	8	7	44
- 6/- 7	.0	.0																2	2	2	14
- 8/- 9	.0																	3	3	4	9
-10/-11	.0																	1	1	1	2
-12/-13																					2
-16/-17																					3
-18/-19																					1
TOTAL	8.9	35.4	23.1	12.9	8.3	5.3	3.3	1.7	.8	.3	.0	.0						14215	14897	14216	14216

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.	76801307	1009717	71.0	18.912	14216							
Dry Bulb	28506576	620546	41.7	13.356	14897	1.3	163.4	16.1	1.8	.2		672.0
Wet Bulb	22736904	542994	38.2	11.852	14216	1.4	207.8	.0				672.0
Dew Point	17606880	460854	32.4	13.697	14216	7.5	338.1	.0				672.0

FORM 0-26-5 (CL_1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 1210 WS

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

PSYCHROMETRIC SUMMARY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAR (MONTH)

PAGE 1 ALL (HOURS (L S T))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL DB/WB	TOTAL		
	0	1 2	3 4	5 6	7 8	9 10	11 12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29 30	≥31		Dry Bulb	Wet Bulb	Dew Point
84/ 83										.0			.0	.0				8	8		
82/ 81						.1		.0	.0	.0	.0	.0	.0	.0				26	26		
80/ 79						.0	.0	.1	.0	.1	.1	.1	.0					57	58		
78/ 77					.0	.0	.2	.1	.1	.1	.1	.0						84	85		
76/ 75		.1		.0	.0	.2	.1	.1	.1	.1	.1	.1	.0					94	94		
74/ 73		.1	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.0					147	149	3	2
72/ 71		.1	.0	.2	.3	.1	.2	.1	.1	.1	.1	.0						204	204	6	1
70/ 69		.1	.1	.4	.4	.2	.3	.1	.2	.2	.1	.0						325	331	8	4
68/ 67		.1	.5	.5	.3	.2	.1	.2	.4	.2	.1	.0						426	428	60	11
66/ 65	.0	.2	.8	.5	.3	.3	.3	.3	.4	.1	.0	.0						498	499	220	42
64/ 63	.0	.4	.5	.4	.3	.4	.3	.3	.2	.1	.0							459	470	297	90
62/ 61	.1	.7	.5	.5	.4	.5	.4	.3	.3	.0								586	594	431	291
60/ 59	.1	.8	.5	.6	.5	.5	.4	.5	.3	.0								667	679	462	379
58/ 57	.1	1.3	.6	.6	.7	.6	.6	.4	.2	.0								779	801	520	398
56/ 55	.2	1.2	.9	.7	.9	.7	.6	.4	.1									886	909	574	461
54/ 53	.1	1.1	1.0	.8	.9	.7	.6	.2	.0									824	852	679	378
52/ 51	.2	1.1	.9	1.0	.7	.7	.4	.1										789	820	811	436
50/ 49	.3	1.2	1.1	.9	.8	.6	.3	.0										826	850	902	597
48/ 47	.2	1.2	1.1	.9	.8	.6	.2	.0										783	809	926	583
46/ 45	.2	1.5	1.1	1.1	.8	.6	.2											846	886	1097	591
44/ 43	.1	1.5	1.5	1.0	.8	.4	.0											826	889	949	705
42/ 41	.3	1.6	1.8	1.0	.8	.3												894	951	977	763
40/ 39	.2	1.4	2.0	1.0	.5	.1												802	854	1023	881
38/ 37	.1	1.7	1.6	.9	.3	.0												734	785	955	729
36/ 35	.2	2.0	1.5	.7	.1													711	770	1005	930
34/ 33	.4	1.7	1.4	.5	.0													638	695	973	911
32/ 31	.4	1.4	1.2	.3	.0													505	552	764	1104
30/ 29	.2	1.3	.9	.2														398	437	631	988
28/ 27	.1	1.0	.6	.1														276	308	443	694
26/ 25	.2	.6	.5	.0														204	234	349	776
24/ 23	.0	.4	.2	.0														105	114	201	706
22/ 21	.0	.2	.1	.0														72	81	116	559
20/ 19	.0	.2	.1															55	57	97	381
18/ 17		.2	.0															25	25	55	327

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 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | MAR MONTH

PAGE 2 ALL HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL DB/WB	TOTAL		
	0	1-2	3-4	5 6	7 8	9 10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31			Dry Bulb	Wet Bulb	Dew Point
16/ 15	.3	.1	.3																25	25	35	288
14/ 13	.3	.1																	10	10	17	203
12/ 11		.1																	12	12	15	147
10/ 9		.																	6	6	6	106
8/ 7	.	.																	3	5	6	65
6/ 5																					2	40
4/ 3																						21
2/ 1																						12
0/- 1																						11
- 2/- 3																						3
- 4/- 5																						1
TOTAL	3.9	26.	2.9	14.9	10.8	8.0	5.6	3.3	2.4	1.1	.5	.3	.1	.0						16362		15615
																			15615		15615	

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.	75395599	1038711	66.5	20.088	15615							
Dry Bulb	4350441	786713	48.1	12.803	16362		84.8	62.9	19.1	2.8		744.0
Wet Bulb	3.791420	672122	43.0	10.917	15615		130.4	3.7	.1			744.0
Dew Point	233.4884	568700	36.4	12.886	15615	.7	306.5	.9	.1			744.0

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

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 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 D B /W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
88/ 87									.0	.0	.1	.0	.0	.0				27	29		
86/ 85							.0	.0	.1	.2	.1	.0	.0					75	75		
84/ 83						.0	.1	.1	.3	.3	.2	.1	.1					161	168		
82/ 81				.0	.0	.1	.2	.3	.2	.2	.3	.2		.0				238	239		
80/ 79				.0	.1	.1	.4	.4	.3	.3	.2	.1	.0					302	308		
78/ 77		.0		.0	.1	.4	.5	.5	.4	.4	.2	.2	.0					407	419		
76/ 75		.0	.0	.1	.3	.6	.5	.4	.4	.3	.2	.1	.0					451	472	4	
74/ 73		.0	.0	.3	.5	.6	.5	.4	.4	.2	.2	.1	.0					488	510	15	4
72/ 71		.0	.1	.5	.7	.7	.5	.3	.3	.3	.3							566	597	60	8
70/ 69		.1	.4	1.1	.8	.6	.5	.5	.4	.4	.1	.0						736	779	164	14
68/ 67		.3	1.0	1.0	.8	.7	.6	.4	.5	.3	.1							855	910	413	53
66/ 65	.0	.8	1.2	.8	.9	.6	.6	.5	.5	.2	.1							945	1000	702	175
64/ 63	.1	.9	1.0	1.1	.7	.5	.6	.4	.4	.1	.0							883	946	941	379
62/ 61	.2	1.3	1.0	1.0	.8	.6	.5	.5	.3	.1								973	1034	1017	742
60/ 59	.3	1.4	1.0	.8	.8	.6	.6	.6	.1									941	992	1139	839
58/ 57	.3	1.3	.9	.8	.7	.7	.6	.3	.1	.0								875	916	1071	973
56/ 55	.2	1.4	1.0	1.1	.9	.6	.5	.3	.0									888	939	1022	871
54/ 53	.1	1.2	.9	.9	.8	.5	.4	.1	.0									744	790	1007	885
52/ 51	.0	1.0	.9	.9	.7	.4	.3	.1										673	724	1003	812
50/ 49	.1	1.2	1.3	1.2	.6	.5	.2											768	807	948	790
48/ 47	.1	.9	1.0	.9	.5	.4	.1											581	597	1029	805
46/ 45	.1	1.2	1.1	.9	.4	.2	.0											596	612	913	823
44/ 43	.1	1.0	1.0	.8	.4	.1												524	541	789	806
42/ 41	.1	.9	.8	.3	.3	.0												376	387	754	789
40/ 39	.1	1.0	.7	.3	.1													337	339	655	834
38/ 37	.1	.7	.6	.3	.0													256	258	529	773
36/ 35	.1	.6	.4	.1	.0													178	178	345	792
34/ 33	.0	.5	.3	.0														122	122	255	622
32/ 31	.1	.3	.1	.0														70	70	184	581
30/ 29	.0	.2	.1															48	48	83	503
28/ 27	.0	.1	.0															23	23	43	346
26/ 25		.0																6	6	25	301
24/ 23																				3	226
22/ 21																					145

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 (OLI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
1210 WS

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

PSYCHROMETRIC SUMMARY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) APR (MONTH)

PAGE 2 ALL (HOURS (L S T))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D B /W.B	Dry Bulb	Wet Bulb	Dew Point
20/ 19																				111
18/ 17																				61
16/ 15																				24
14/ 13																				17
12/ 11																				5
10/ 9																				2
8/ 7																				2
TOTAL	2.3	18.6	16.8	15.2	12.1	9.5	8.2	6.2	4.9	3.2	2.1	.7	.2	.0				15835		15113
																	15113		15113	

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	68365301	968441	64.1	20.430	15113							
Dry Bulb	57716636	937156	59.2	11.929	15835		6.7	204.9	100.9	30.1		720.0
Wet Bulb	42114355	784443	51.9	9.617	15113		16.1	31.3	.9			720.0
Dew Point	33174594	686164	45.4	11.565	15113		110.7	3.8	.2			720.0

FORM 0-26-5 (OL-1) JUL 64 1210 WS REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAY (MONTH)

PAGE 1 ALL (HOURS (L S T))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL DB /WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93										.0	.0	.0	.0	.0	.0			15	15		
92/ 91						.0		.0	.0	.1	.2	.2	.1	.0				110	110		
90/ 89					.0	.0	.0	.0	.1	.3	.4	.2	.1	.0				206	206		
88/ 87				.0		.0	.1	.2	.5	.6	.5	.1	.1	.0				355	355		
86/ 85			.0	.0	.0	.1	.4	.7	.7	.6	.4	.2	.1	.0				522	522		
84/ 83				.0	.0	.2	.7	.8	.6	.5	.3	.1	.0	.0				544	544		
82/ 81			.0	.0	.2	.6	.8	.9	.7	.4	.3	.2	.0					703	703	6	
80/ 79			.0	.1	.5	1.0	.9	.8	.6	.4	.3	.1	.0					775	775	8	3
78/ 77		.0	.1	.3	.9	1.1	.8	.7	.5	.4	.2	.1	.0					801	802	15	10
76/ 75		.0	.2	.9	1.3	.9	.6	.4	.4	.3	.1	.0						842	844	11	11
74/ 73		.1	.6	1.4	1.2	.8	.5	.4	.3	.2	.0	.0						887	888	322	29
72/ 71	.0	.3	1.5	1.5	1.2	.6	.5	.3	.2	.1	.0	.0						1004	1004	841	92
70/ 69	.0	1.2	2.2	1.7	.7	.6	.4	.3	.2	.1	.0							1217	1219	1324	318
68/ 67	.1	2.2	2.6	1.1	.8	.5	.3	.2	.2	.1	.0							1298	1300	1772	825
66/ 65	.4	2.9	2.2	1.0	.6	.4	.2	.2	.1	.0								1302	1302	2083	1559
64/ 63	.3	2.6	1.7	.8	.5	.3	.3	.2	.1	.0								1105	1109	1829	1865
62/ 61	.2	2.2	1.4	.7	.4	.3	.3	.1	.0									897	901	1516	1765
60/ 59	.3	2.0	1.3	.7	.2	.3	.2	.1	.0									825	827	1351	1560
58/ 57	.2	1.4	1.0	.4	.3	.3	.1	.0	.0									589	589	1079	1442
56/ 55	.2	1.3	.8	.5	.3	.2	.0	.0	.0									534	534	873	1171
54/ 53	.1	1.2	.5	.3	.1	.1	.0	.0										391	391	646	976
52/ 51	.0	.9	.7	.3	.1	.0	.0											346	346	622	879
50/ 49	.1	.8	.5	.3	.1	.0	.0											281	281	551	705
48/ 47	.1	.6	.4	.1	.0		.0											201	201	402	566
46/ 45	.0	.6	.2	.1	.0													166	166	314	514
44/ 43	.1	.5	.2	.0	.0	.0												132	132	246	449
42/ 41	.1	.2	.1	.0	.0													73	73	152	421
40/ 39	.0	.2	.1															47	47	87	322
38/ 37	.0	.1	.0	.0														16	16	55	230
36/ 35		.0	.0															9	9	16	199
34/ 33		.0																5	5	12	128
32/ 31		.0																2	2	6	82
30/ 29																				1	31
28/ 27																					14

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 (Del 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) MAY (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB/WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15 16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
26/ 25																					18
24/ 23																					6
22/ 21																					3
20/ 19																					5
18/ 17																					3
16/ 15																					1
TOTAL	2.2	21.5	18.4	12.4	9.4	8.3	7.0	6.4	5.4	4.2	2.8	1.3	.6	.1	.0			16200	16218	16200	16200

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.	83193943	1116501	68.9	19.634	16200							
Dry Bulb	77976585	1110821	68.5	10.804	16218		.1	426.0	264.4	130.6	.7	744.0
Wet Bulb	61564957	990747	61.2	7.753	16200		.3	200.2	19.4	.5		744.0
Dew Point	52966937	915155	56.5	8.850	16200		7.5	59.1	2.4	.1		744.0

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

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,47,49-66 (YEARS) JUN (MONTH)

PAGE 1 ALL (HOURS (L S T))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB/WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25 26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
104/103															.0			1	1		
102/101													.0	.0	.0			11	11		
100/ 99											.0	.1	.2	.1				53	53		
98/ 97									.0	.0	.1	.2	.1	.0	.1	.0		73	75		
96/ 95						.0		.0	.0	.1	.4	.2	.1	.1	.0	.0		159	161		
94/ 93						.0	.0	.0	.3	.6	.4	.2	.1		.1	.0		250	258		
92/ 91							.1	.5	.8	.8	.4	.2	.1	.1				450	471		
90/ 89						.1	.4	.9	1.1	.7	.4	.3	.1	.0				591	608		
88/ 87				.0	.0	.3	.9	1.2	.9	.6	.4	.3	.1					727	740		
86/ 85				.0	.2	1.0	1.4	.9	.6	.5	.4	.1	.0					795	807	1	
84/ 83			.0	.1	.7	1.3	1.1	.8	.5	.5	.3	.0						818	835	1	
82/ 81		.0	.1	.6	1.4	1.2	.9	.7	.6	.4	.2	.0						917	938	9	2
80/ 79	.0	.0	.3	1.4	1.7	1.2	.8	.6	.6	.4	.1	.0						1060	1086	71	3
78/ 77		.2	1.0	1.9	1.5	.8	.5	.5	.4	.1	.0							1047	1071	454	28
76/ 75	.0	.8	2.3	2.0	1.2	.5	.5	.4	.2	.1								1228	1260	1250	128
74/ 73	.1	1.7	2.6	1.5	.7	.4	.3	.2	.1	.0								1159	1196	1821	523
72/ 71	.4	2.8	2.6	1.3	.5	.3	.2	.1	.1	.0								1264	1310	2057	1443
70/ 69	.3	3.6	2.5	1.0	.5	.3	.1	.1	.0									1297	1336	2289	2117
68/ 67	.4	2.9	1.8	.9	.3	.1	.1	.0	.0									1004	1041	2001	2289
66/ 65	.4	1.8	1.4	.6	.3	.0	.0	.0										704	731	1617	2052
64/ 63	.2	1.2	1.1	.5	.1	.0	.0	.0										477	492	1129	1500
62/ 61	.0	1.1	.8	.4	.1	.0	.0											370	381	820	1068
60/ 59	.1	1.1	.6	.2	.0	.0												298	307	628	948
58/ 57	.0	.8	.4	.0	.0													195	198	423	902
56/ 55	.0	.6	.1	.0	.0													117	119	303	707
54/ 53	.0	.3	.1	.0														74	82	157	621
52/ 51		.2	.1	.0														41	41	92	405
50/ 49	.0	.1	.0															17	17	48	219
48/ 47	.0	.1																14	14	30	98
46/ 45	.0	.0																7	7	14	71
44/ 43	.0	.0																6	6	6	49
42/ 41		.																1	1	4	32
40/ 39		.0																2	2	1	14
38/ 37		.0																1	1	2	7

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

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

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,47,49-66 YEARS | JUN MONTH

PAGE 2 ALL HOURS (L S T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB/WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
36/ 35																					2
TOTAL	2.0	19.4	17.7	12.4	9.3	7.8	7.3	6.9	6.2	4.8	3.1	1.6	.8	.3	.2	.0			15657		15228
																		15228		15228	

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.	798164[illegible]8	1064608	69.9	18.811	15228							
Dry Bulb	91498880	1187684	75.9	9.475	15657			609.7	440.1	154.8	25.7	720.0
Wet Bulb	70983063	1035887	68.0	5.825	15228			470.6	170.5	1.6		720.0
Dew Point	63149229	975647	64.1	6.484	15228			308.9	32.3	.1		720.0

FORM 1210 WS JUL 64 0-26-5 (Del 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 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
106/105																.0	.0	3	3		
104/103														.0		.0	.0	9	9		
102/101													.0	.0	.0	.0	.1	29	29		
100/ 99												.1	.1	.1	.0	.0	.0	43	43		
98/ 97									.0	.1	.1	.2	.2	.1	.0	.0	.0	108	108		
96/ 95									.1	.4	.4	.4	.2	.1	.1	.0		243	243		
94/ 93							.0	.1	.5	.7	.4	.3	.2	.1	.1	.0		351	351		
92/ 91					.0	.0	.2	.6	1.0	.7	.4	.2	.1	.1	.0			528	528		
90/ 89		.3	.0		.0	.2	.8	1.6	1.1	.8	.4	.2	.1	.0				831	831		
88/ 87				.1	.1	.7	1.6	1.4	.9	.4	.3	.1	.0	.0				889	889	1	1
86/ 85			.0	.1	.6	1.6	1.9	1.1	.7	.5	.2	.1	.0					1039	1039	2	
84/ 83		.0	.0	.4	1.3	1.8	1.0	.6	.6	.3	.1	.1						969	969	1	2
82/ 81			.2	1.3	1.8	1.3	.7	.5	.3	.2	.1	.0						1029	1030	22	3
80/ 79		.1	1.2	2.3	1.8	.7	.5	.4	.2	.1	.0							1158	1161	177	6
78/ 77		.8	2.6	2.2	1.3	.5	.4	.2	.2	.1								1287	1289	972	72
76/ 75	.1	3.0	3.4	2.0	.7	.5	.3	.2	.1	.0								1590	1592	2159	419
74/ 73	.3	4.8	3.3	1.2	.6	.3	.2	.1	.0									1674	1676	2937	1567
72/ 71	.5	4.4	2.6	.8	.4	.2	.0		.0									1395	1401	2849	2750
70/ 69	.6	2.8	1.8	.7	.2	.1	.0											990	992	2374	2921
68/ 67	.2	1.5	1.3	.4	.1	.0	.0											558	558	1512	2311
66/ 65	.1	1.0	.9	.2	.1													348	348	991	1521
64/ 63	.0	.7	.4	.1	.0													210	210	677	1091
62/ 61	.0	.5	.3	.1	.0													152	152	467	892
60/ 59	.0	.2	.2	.0														65	65	224	693
58/ 57		.2	.1															51	51	97	459
56/ 55	.0	.2	.0															34	34	77	342
54/ 53	.0	.0																9	9	45	235
52/ 51	.0	.0																6	6	13	157
50/ 49		.0																2	2	2	94
48/ 47																				1	32
46/ 45																				1	23
44/ 43																					8
42/ 41																					1
40/ 39																					1

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

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
1210 WS

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 YEARS | JUL 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
TOTAL	2.0	2.2	18.4	11.8	9.1	8.0	7.7	6.8	5.6	4.3	2.5	1.7	.9	.5	.2	.1	.2		15618		15601
																		15600		15601	

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.	84298687	1109231	71.1	18.661	15601							
Dry Bulb	97433090	1226750	78.5	8.298	15618			702.2	561.6	319.5	37.4	744.0
Wet Bulb	78496431	1104261	70.8	4.636	15601			620.2	299.1	3.5		744.0
Dew Point	70838423	1047633	67.2	5.594	15601			479.3	98.7	.3		744.0

FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 YEARS | AUG 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
106/105																	.3	1	1		
104/103														.0		.0	.0	7	7		
102/101													.0	.0	.0	.1	.0	19	19		
100/ 99										.0	.0	.1	.0	.1	.1	.0		47	48		
98/ 97									.0	.1	.1	.2	.1	.1	.0	.0		107	107		
96/ 95								.0	.1	.2	.3	.3	.2	.1	.1	.0		198	198		
94/ 93							.0	.1	.4	.8	.5	.4	.1	.1	.0			370	370		
92/ 91						.0	.1	.4	1.0	.8	.5	.4	.2	.0	.0			528	528		
90/ 89						.1	.5	1.2	1.0	.8	.5	.2	.1	.0	.0	.0		683	683		
88/ 87				.0	.1	.5	1.2	1.4	1.0	.7	.4	.2	.0					855	855		
86/ 85				.0	.3	1.2	1.4	1.1	.8	.5	.2	.1	.0	.0				901	901		
84/ 83			.0	.2	1.1	1.7	1.2	.7	.6	.3	.2	.1	.0					943	943	1	
82/ 81			.2	.9	1.6	1.2	.7	.7	.4	.2	.0	.0						953	953	11	
80/ 79		.0	.9	1.8	1.6	1.0	.6	.5	.2	.1	.0	.0	.0					1055	1055	129	1
78/ 77	.0	.6	2.1	2.0	.4	.6	.4	.3	.2	.0	.0							1170	1170	621	43
76/ 75	.0	2.2	3.0	1.9	.9	.6	.3	.2	.1		.0							1439	1439	1801	267
74/ 73	.2	3.5	2.9	1.3	.6	.3	.2	.1	.0									1443	1443	2491	1093
72/ 71	.6	4.4	2.4	1.2	.5	.2	.2	.0										1503	1503	2782	2234
70/ 69	.6	3.1	1.9	.9	.3	.1	.1	.0										1094	1094	2430	2681
68/ 67	.5	2.1	1.5	.6	.2	.1	.0											786	786	1783	2356
66/ 65	.2	1.9	1.0	.3	.1	.0												539	539	1235	1703
64/ 63	.1	1.4	.6	.2	.1	.0												380	380	904	1454
62/ 61	.1	1.2	.3	.1	.0	.0	.0											281	281	597	1164
60/ 59	.1	.6	.3	.0														152	152	422	926
58/ 57	.1	.3	.1	.0	.0													82	82	221	607
56/ 55	.0	.2	.1	.0														38	38	97	433
54/ 53	.0	.1	.0															26	26	48	282
52/ 51		.0	.0															8	8	26	192
50/ 49		.0	.0															7	7	10	98
48/ 47		.0																1	1	8	40
46/ 45																				1	23
44/ 43																					9
42/ 41																					5
40/ 39																					4

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

FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1210 WS

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 YEARS | AUG MONTH

PAGE 2 ALL HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D B /W B	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9	10	11	12	13 - 14	15	16	17 - 18	19	20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31		Dry Bulb	Wet Bulb	Dew Point
38/ 37																									1
36/ 35																									3
TOTAL	2.5	21.8	17.2	11.6	8.8	7.6	7.0	6.7	5.7	4.6	2.9	1.8	.8	.5	.2	.2	.0					15617	15618	15618	15619

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	84732663	1111323	71.2	19.037	15619							
Dry Bulb	94968699	1210041	77.5	8.831	15618			671.9	510.7	294.4	35.8	744.0
Wet Bulb	76418209	1089717	69.8	4.967	15618			574.0	240.8	2.3		744.0
Dew Point	68735085	1032303	66.1	5.699	15619			413.2	66.9			744.0

FORM 0-26-5 (OL1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 43-45,49-66 YEARS | SEP MONTH

PAGE 1 ALL HOURS (L S T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL DB 'WB	TOTAL		
	0	1 2	3 4	5 6	7 8	9 10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
104/103																.0	.0	5	5		
102/101															.0	.0	.0	6	6		
100/ 99											.0	.0			.0	.0	.0	12	12		
98/ 97											.0	.0	.0	.0	.0	.0	.0	22	22		
96/ 95										.0	.0	.1	.1	.1	.1	.0		63	63		
94/ 93								.0	.0	.1	.2	.2	.1	.2	.0	.0		120	120		
92/ 91							.0	.1	.1	.2	.3	.2	.2	.1	.0	.0		187	187		
90/ 89						.0	.2	.2	.4	.3	.3	.2	.1	.1	.0			259	259		
88/ 87						.0	.3	.6	.6	.5	.4	.2	.1	.0				415	415		
86/ 85					.0	.3	.6	.7	.6	.4	.3	.2	.1	.0				508	508		
84/ 83				.0	.3	.7	.8	.7	.5	.4	.3	.2	.1					580	580		
82/ 81			.0	.2	.5	.7	.7	.6	.5	.4	.4	.1	.0					623	623		
80/ 79			.1	.5	.7	.8	.7	.5	.6	.5	.2	.0						710	710	7	
78/ 77		.0	.4	.9	.9	.8	.6	.7	.6	.3	.1	.0						820	820	78	
76/ 75		.3	1.4	1.3	.9	.7	.6	.7	.4	.2	.1	.0						1010	1010	331	18
74/ 73	.1	1.5	1.7	1.1	.8	.6	.6	.5	.4	.1	.1							1132	1132	871	181
72/ 71	.3	2.2	1.7	1.2	.8	.6	.5	.4	.2	.1	.0							1218	1218	1378	589
70/ 69	.4	2.5	1.8	1.4	.6	.5	.3	.3	.2	.0								1220	1220	1700	1218
68/ 67	.3	2.7	1.8	.8	.7	.4	.3	.2	.1									1125	1125	1596	1333
66/ 65	.5	2.4	1.7	.9	.5	.4	.3	.1	.0									1051	1051	1614	1393
64/ 63	.4	2.3	1.4	.8	.4	.3	.2	.0										867	867	1490	1375
62/ 61	.3	2.	1.2	.8	.2	.2	.1	.0										729	729	1384	1412
60/ 59	.5	1.9	1.1	.7	.3	.2	.0											701	701	1136	1185
58/ 57	.2	1.4	.8	.4	.1	.0												452	452	976	1136
56/ 55	.2	1.3	.7	.3	.1	.0												387	387	800	1162
54/ 53	.1	.9	.5	.2	.0													271	271	563	911
52/ 51	.0	.8	.4	.2	.0													203	203	413	825
50/ 49	.0	.6	.3	.0														147	147	295	648
48/ 47	.0	.4	.1	.0														107	107	178	519
46/ 45	.0	.2	.1															63	63	142	404
44/ 43	.0	.4	.0															63	63	89	302
42/ 41	.1	.1																25	25	51	253
40/ 39	.0	.1																12	12	11	139
38/ 37	.0	.																4	4	14	60

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

FORM 1210 WS JUL 64 0-26-5 (Del 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 43-45,49-66 (YEARS) SEP (MONTH)

PAGE 2 ALL (HOURS (L S.T))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB/WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
36/ 35																					42
34/ 33																					10
32/ 31																					1
30/ 29																					1
TOTAL	3.5	24.4	17.2	11.7	7.9	7.2	6.7	6.3	5.3	3.7	2.7	1.5	.8	.5	.2	.1	.1	15117	15117	15117	15117

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.	81373108	1066332	70.5	20.180	15117							
Dry Bulb	77510314	1070982	70.8	10.401	15117			477.9	308.2	153.9	10.9	720.0
Wet Bulb	61927599	961449	63.6	7.179	15117			283.9	61.3			720.0
Dew Point	54225794	896924	59.3	8.172	15117		.1	159.0	9.5			720.0

FORM 1210 WS JUL 64 0-26-5 (Del 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB /WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
94/ 93										.0		.0						3	3		
92/ 91								.0	.0	.0		.0	.0					10	10		
90/ 89								.0	.0	.1	.0							33	33		
88/ 87							.0	.1	.1	.0	.0	.0	.0					46	46		
86/ 85					.0	.0	.1	.1	.1	.0	.1	.0	.0	.1				98	98		
84/ 83					.0	.1	.1	.2	.1	.2	.2	.1	.1	.0				175	175		
82/ 81			.0	.0	.1	.1	.2	.2	.3	.3	.2	.1	.0	.0				252	252		
80/ 79				.1	.1	.2	.3	.3	.3	.5	.3	.1	.1					375	375		
78/ 77			.0	.2	.2	.4	.4	.5	.4	.3	.4	.1	.0					449	449	6	
76/ 75		.0	.1	.1	.4	.3	.4	.5	.4	.4	.2	.1						486	486	30	2
74/ 73		.1	.2	.4	.4	.3	.4	.4	.4	.4	.1	.0	.0					532	532	94	4
72/ 71	.0	.4	.4	.4	.4	.5	.5	.5	.4	.3	.1	.0	.0					657	657	191	71
70/ 69	.1	.6	.6	.5	.6	.5	.4	.5	.4	.3	.0	.0						720	720	348	179
68/ 67	.2	.8	.8	.6	.5	.5	.4	.4	.5	.2	.0	.0						782	784	558	246
66/ 65	.3	1.0	1.0	.7	.6	.5	.5	.5	.5	.1	.0							915	917	673	414
64/ 63	.4	1.4	.9	.8	.5	.4	.4	.4	.3	.1	.0							903	906	933	602
62/ 61	.4	1.4	1.1	.8	.5	.6	.5	.4	.1	.0								918	919	1049	664
60/ 59	.4	1.6	1.2	1.0	.7	.6	.4	.3	.1	.0								1017	1018	1099	731
58/ 57	.3	1.6	1.2	.9	.7	.5	.4	.2	.0	.0								925	925	1111	802
56/ 55	.2	1.7	1.3	.9	.7	.4	.2	.1	.0									899	900	1131	853
54/ 53	.2	1.7	1.4	1.0	.6	.3	.1	.0										849	851	1079	956
52/ 51	.4	1.7	1.6	.9	.4	.2	.1	.0										857	862	1186	990
50/ 49	.4	2.4	1.5	.7	.3	.1	.1	.0										898	905	1217	1020
48/ 47	.3	1.7	1.1	.5	.2	.1	.1											638	638	1200	1065
46/ 45	.2	2.0	1.1	.4	.2	.0	.0											631	631	978	1038
44/ 43	.3	1.7	.9	.3	.1	.1												529	529	807	1094
42/ 41	.4	1.3	.6	.2	.1	.0												420	420	681	1020
40/ 39	.3	1.2	.4	.1	.0	.0												341	341	512	973
38/ 37	.2	1.1	.2	.1	.0													253	253	404	770
36/ 35	.1	.7	.1	.0	.0													167	167	308	683
34/ 33	.1	.5	.1	.0	.0													123	123	194	517
32/ 31	.0	.3	.1	.0														68	68	113	422
30/ 29	.0	.3	.0	.0														50	50	61	285
28/ 27	.0	.2																29	29	61	191

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

FORM 1210 WS JUL 64 0-26-5 (Del 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | OCT MONTH

PAGE 2 ALL HOURS (L S T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB /WB	TOTAL		
	0	1 2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19 20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
26/ 25	.0	.0	.0															9	9	28	152
24/ 23		.0																1	1	5	108
22/ 21																				1	70
20/ 19																					47
18/ 17																					37
16/ 15																					17
14/ 13																					15
12/ 11																					6
10/ 9																					7
8/ 7																					2
TOTAL	5.0	27.4	18.0	11.9	8.5	6.9	6.0	5.7	4.6	3.3	1.8	.7	.3	.1				16058	16082	16058	16058

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.	84496533	1114047	69.4	21.187	16058							
Dry Bulb	58762658	951946	59.2	12.252	16082		7.3	213.7	113.8	37.1	.1	744.0
Wet Bulb	46439074	849738	52.9	9.580	16058		12.5	56.8	6.0			744.0
Dew Point	38311497	764415	47.6	10.943	16058		63.0	23.3	.3			744.0

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

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | NCV MONTH

PAGE 1 ALL HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL DB/WB	TOTAL		
	0	1-2	3 4	5 6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27 28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
84/ 83									.0	.0	.0							7	7		
82/ 81								.0	.0									6	6		
80/ 79					.0	.0	.0	.0	.0	.0	.0							23	23		
78/ 77					.0	.0	.1	.1	.0	.0	.0	.0						47	47		
76/ 75			.0	.0	.0	.1	.1	.1	.1	.0	.0	.0						100	100		
74/ 73		.0		.0	.1	.1	.1	.2	.2	.0	.1	.0	.0					148	148		
72/ 71		.0	.0	.1	.2	.3	.2	.2	.1	.1	.1	.0						222	222	5	
70/ 69		.1	.2	.4	.3	.2	.3	.3	.2	.2	.1							354	354	20	6
68/ 67		.2	.4	.3	.3	.3	.3	.2	.2	.1	.0							394	394	75	22
66/ 65	.0	.3	.3	.5	.4	.3	.3	.3	.2	.1	.0							439	439	168	55
64/ 63	.0	.5	.6	.6	.3	.2	.4	.2	.3	.1	.0							524	524	255	117
62/ 61	.1	.8	.6	.5	.5	.3	.4	.3	.2	.1								618	618	371	184
60/ 59	.1	1.0	.7	.8	.5	.4	.4	.4	.1	.0								698	698	518	317
58/ 57	.1	1.0	.8	.7	.4	.5	.4	.3	.1									693	693	644	384
56/ 55	.2	1.1	.8	.6	.5	.5	.5	.2	.0									727	727	637	517
54/ 53	.1	1.0	.7	.8	.7	.7	.5	.2	.0									763	763	702	454
52/ 51	.1	1.3	.8	.8	.9	.6	.4	.1										806	806	703	513
50/ 49	.2	1.4	1.2	.8	.8	.7	.2	.0										834	834	783	610
48/ 47	.1	1.3	1.0	1.2	1.0	.4	.1											818	818	877	601
46/ 45	.2	1.8	1.3	1.3	.9	.4	.1											947	947	1000	654
44/ 43	.4	1.9	1.5	.9	.7	.2	.0											893	893	1043	687
42/ 41	.3	1.7	1.6	1.0	.5	.1												835	835	1072	798
40/ 39	.2	1.7	1.7	1.0	.4	.1												802	802	1139	780
38/ 37	.2	1.9	1.7	1.0	.2	.0												801	801	983	831
36/ 35	.3	1.9	1.9	.7	.1	.0												768	768	965	940
34/ 33	.2	1.8	1.3	.5	.0													608	608	827	984
32/ 31	.2	1.8	1.3	.3	.0													574	574	844	1019
30/ 29	.2	1.9	.9	.1														493	493	703	1013
28/ 27	.2	1.3	.6	.1														333	333	583	781
26/ 25	.1	.8	.2	.0														192	192	351	916
24/ 23	.0	.5	.1	.0														116	116	209	690
22/ 21	.1	.4	.1															94	94	132	558
20/ 19	.1	.3	.1															62	62	86	447
18/ 17	.0	.2	.0															46	46	52	344

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 (Dor 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-45,49-66 (YEARS) NOV (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL DB/WB	TOTAL		
	0	1-2	3-4	5-6	7 8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
16/ 15	.0	.1	.0															23	23	53	231
14/ 13		.2																6	6	11	137
12/ 11		.2																5	5	3	92
10/ 9		.1																2	2	5	46
8/ 7		.2																3	3	2	27
6/ 5		.2																2	2	4	29
4/ 3		.2																3	3	1	17
2/ 1		.2																2	2	3	12
0/- 1		.0																3	3	4	4
- 2/- 3																				1	2
- 4/- 5																					4
- 8/- 9																					2
-10/-11																					2
-12/-13																					3
-14/-15																					3
-16/-17																					1
TOTAL	3.6	30.5	22.5	15.0	10.0	6.8	5.1	3.4	1.9	.8	.4	.1	.0					15834	15834	15834	15834

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.	79991259	1083551	68.4	19.208	15834							
Dry Bulb	38739907	756489	47.8	12.809	15834	.1	89.1	59.2	15.1	1.1		720.0
Wet Bulb	30866357	677179	42.8	10.969	15834	.2	138.6	4.5				720.0
Dew Point	23829369	581423	36.7	12.514	15834	1.0	290.1	1.3				720.0

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

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | DEC MONTH

PAGE 1 ALL HOURS (L S T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL DB /WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
76/ 75						.0	.0											4	4		
74/ 73					.0	.0	.0				.0	.0	.0					9	9		
72/ 71		.1	.0		.0	.0	.0	.0		.0								25	25		
70/ 69		.2	.0	.1	.1	.0	.0	.0	.0	.0	.0							47	47	2	
68/ 67			.1	.2	.1	.0	.0	.0	.0									78	78	9	5
66/ 65		.0	.2	.3	.2	.0	.0	.0	.1	.0	.0							149	149	15	5
64/ 63	.0	.1	.3	.4	.2	.1	.1	.1	.1	.0	.0							224	224	62	12
62/ 61	.1	.5	.5	.2	.1	.1	.1	.1	.0	.0								306	306	148	67
60/ 59	.3	.6	.4	.3	.2	.2	.2	.1	.1									377	377	303	183
58/ 57	.2	.9	.5	.3	.2	.2	.3	.3	.0									461	461	286	258
56/ 55	.2	1.3	.5	.3	.2	.4	.3	.1										518	518	363	309
54/ 53	.2	1.1	.6	.4	.3	.4	.3	.1										566	566	424	334
52/ 51	.2	1.1	.4	.4	.6	.4	.3	.0										550	550	431	374
50/ 49	.3	1.3	.7	.8	.6	.5	.2	.0										671	671	461	384
48/ 47	.2	1.1	.8	.8	.7	.5	.1	.0										678	678	474	341
46/ 45	.4	1.4	1.0	1.2	1.0	.3	.0											864	864	650	346
44/ 43	.5	1.5	1.4	1.0	.7	.2	.0											864	864	877	445
42/ 41	.8	1.6	1.3	1.0	.7	.1												902	902	928	603
40/ 39	.6	1.6	1.9	1.2	.6	.1												985	985	1025	616
38/ 37	.5	2.1	1.8	1.2	.3													959	961	1008	655
36/ 35	.5	3.3	2.1	1.0	.2													1163	1167	1174	730
34/ 33	.5	2.7	2.0	.6	.1													955	955	1174	939
32/ 31	.7	3.0	2.0	.6	.0													1042	1042	1243	1153
30/ 29	.3	2.5	1.6	.4	.0													791	791	1058	1150
28/ 27	.3	2.8	1.4	.2														776	776	960	897
26/ 25	.2	2.4	1.1	.1														616	616	791	1012
24/ 23	.4	1.7	.6	.0														437	437	713	1003
22/ 21	.3	1.5	.5															381	382	457	899
20/ 19	.2	1.3	.3															297	297	422	711
18/ 17	.2	1.0	.1															221	221	297	621
16/ 15	.3	.6	.0															148	148	234	607
14/ 13	.1	.4	.0															83	83	117	427
12/ 11	.1	.3																70	70	82	337
10/ 9	.2	.1	.0															55	55	75	218

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

FORM 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

13827 STATION | SMYRNA TENNESSEE/SEWART AFB STATION NAME | 42-45,49-66 YEARS | DEC MONTH

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
8/ 7	.1	.1																30	30	32	221
6/ 5	.1	.2																13	13	17	198
4/ 3	.0	.2																9	9	11	144
2/ 1	.0	.2																5	5	5	73
0/- 1	.0	.1																2	2	3	26
- 2/- 3	.0	.0																4	4	4	8
- 4/- 5	.0	.0																6	6	4	5
- 6/- 7	.0																	3	3	5	3
- 8/- 9	.0																	6	6	6	6
-10/-11	.0																	2	2	2	7
-12/-13																					5
-14/-15																					7
-16/-17																					7
-20/-21																					1
TOTAL	9.1	39.8	24.2	13.0	7.1	3.6	1.9	.9	.3	.1	.0	.0	.0					16352	16359	16352	16352

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.	91[illegible]4989	1185823	72.5	17.662	16352							
Dry Bulb	27991896	645064	39.4	12.500	16359	1.0	227.3	7.4	.6			744.0
Wet Bulb	23389628	589360	36.0	11.461	16352	1.1	297.5	.5				744.0
Dew Point	18137207	499557	30.6	13.262	16352	3.4	443.4	.2				744.0

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

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-47,49-66 (YEARS)

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	36.0	37.5	43.1	52.9	60.9	68.3	71.6	70.5	64.0	52.2	43.2	36.0	52.9
	S D	13.153	12.589	11.418	10.096	7.905	6.185	4.660	5.099	7.558	9.690	11.480	12.281	16.401
	TOTAL OBS	2103	1863	2046	1980	2028	1960	1953	1953	1890	2008	1978	2045	23807
03-05	MEAN	34.8	36.0	41.4	50.9	58.9	66.5	69.8	68.6	61.9	50.2	41.6	34.9	51.1
	S D	13.575	12.805	11.853	10.395	8.121	6.286	4.812	5.296	7.928	10.064	11.909	12.483	16.402
	TOTAL OBS	2101	1863	2046	1980	2026	1956	1952	1950	1890	2009	1979	2046	23798
06-08	MEAN	34.5	36.2	42.7	54.5	64.5	72.4	74.8	72.7	65.3	52.5	42.2	34.9	53.8
	S D	13.636	12.884	11.891	10.142	8.401	6.980	5.509	6.103	8.168	10.106	11.802	12.487	18.120
	TOTAL OBS	2101	1861	2045	1980	2027	1955	1951	1953	1890	2010	1980	2046	23799
09-11	MEAN	39.9	43.1	50.4	63.0	73.5	81.0	83.4	82.5	75.9	64.6	51.1	41.1	62.3
	S D.	12.994	12.540	12.117	10.396	8.846	7.085	5.607	6.193	7.712	9.797	11.632	11.612	18.967
	TOTAL OBS	2102	1863	2046	1978	2028	1959	1951	1953	1890	2010	1979	2046	23805
12-14	MEAN	44.7	48.4	55.2	67.2	77.4	84.5	87.0	86.7	80.7	70.4	56.7	46.0	66.9
	S D.	12.917	12.662	12.349	10.784	9.127	7.424	6.005	6.314	7.867	10.011	12.070	11.574	18.690
	TOTAL OBS	2102	1862	2045	1980	2027	1958	1953	1951	1889	2009	1978	2039	23793
15-17	MEAN	44.6	48.8	55.6	67.5	77.3	84.1	86.4	86.0	80.1	69.1	55.1	45.0	66.4
	S. D	12.387	12.315	11.900	10.772	8.984	7.543	6.378	6.499	7.957	9.892	11.628	11.257	18.516
	TOTAL OBS	2103	1862	2045	1980	2029	1958	1952	1953	1889	2012	1980	2046	23809
18-20	MEAN	39.9	43.3	50.2	61.4	70.9	78.2	80.6	79.3	72.3	59.8	48.0	39.9	60.1
	S. D	12.061	11.737	10.927	9.955	8.258	6.910	5.635	5.853	7.448	8.972	10.782	11.035	17.768
	TOTAL OBS	2101	1862	2043	1978	2028	1956	1953	1953	1890	2013	1980	2046	23803
21-23	MEAN	37.5	39.8	45.9	56.1	64.5	71.8	74.8	73.5	66.7	54.8	44.5	37.6	55.4
	S. D	12.629	12.211	10.948	9.728	7.507	6.009	4.601	5.079	7.352	9.104	11.103	11.734	16.671
	TOTAL OBS	2099	1861	2046	1979	2025	1955	1953	1952	1889	2011	1980	2045	23795
ALL HOURS	MEAN	39.0	41.7	48.1	59.2	68.5	75.9	78.5	77.5	70.8	59.2	47.8	39.4	58.6
	S D	13.465	13.356	12.803	11.929	10.804	9.475	8.298	8.831	10.401	12.252	12.809	12.500	18.638
	TOTAL OBS	16812	14897	16362	15835	16218	15657	15618	15618	15117	16082	15834	16359	190409

1210 WS FORM JUL 64 0-89-5 (Det 50)

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

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-47,49-66 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
00-02	MEAN	33.6	35.6	40.3	48.9	58.0	65.3	68.5	67.6	61.0	49.6	40.2	33.8	50.1
	S. D	12.534	11.936	10.785	9.526	7.545	5.715	4.511	4.834	7.234	9.487	10.816	11.719	15.918
	TOTAL OBS	2037	1779	1953	1890	2025	1906	1950	1953	1890	2005	1978	2043	23409
03-05	MEAN	32.7	34.5	39.1	47.6	56.6	64.2	67.5	66.5	59.7	48.2	39.1	33.0	49.0
	S. D.	13.003	12.090	11.226	9.881	7.817	5.990	4.768	5.175	7.680	9.850	11.290	12.003	16.077
	TOTAL OBS	2035	1775	1950	1888	2023	1902	1950	1950	1890	2006	1979	2043	23391
06-08	MEAN	32.4	34.6	40.0	49.8	59.8	67.3	70.0	68.5	61.6	49.7	39.5	33.0	50.5
	S. D.	13.181	12.280	11.212	9.650	7.595	5.647	4.446	5.025	7.424	9.678	11.214	12.021	16.864
	TOTAL OBS	2034	1774	1950	1888	2024	1901	1948	1953	1890	2007	1980	2044	23393
09-11	MEAN	36.3	39.1	44.4	53.9	63.4	70.1	72.7	71.9	66.0	56.0	44.9	37.3	54.6
	S D	12.301	11.410	10.674	9.220	7.297	5.315	3.901	4.210	6.210	8.453	10.355	10.922	16.033
	TOTAL OBS	2039	1779	1953	1888	2025	1905	1951	1953	1890	2007	1979	2046	23415
12-14	MEAN	39.3	42.3	46.8	55.5	64.4	70.6	73.1	72.3	67.0	57.9	47.6	40.1	56.3
	S D	11.631	10.860	10.194	8.811	6.965	5.068	3.905	4.071	5.803	8.075	9.982	10.357	14.986
	TOTAL OBS	2036	1778	1952	1890	2024	1904	1953	1952	1889	2006	1978	2039	23401
15-17	MEAN	39.3	42.5	47.0	55.5	64.3	70.3	72.7	72.0	66.6	57.2	46.7	39.6	56.1
	S. D.	11.299	10.553	9.822	8.567	6.725	4.900	3.833	3.977	5.668	7.974	9.819	10.235	14.807
	TOTAL OBS	2041	1779	1953	1890	2026	1904	1950	1952	1889	2009	1980	2046	23419
18-20	MEAN	36.5	39.6	44.5	53.2	62.6	69.1	71.7	70.6	64.5	53.7	43.1	36.6	53.7
	S. D.	11.560	10.951	9.907	8.701	6.874	5.005	3.908	4.138	6.267	8.519	10.116	10.609	15.529
	TOTAL OBS	2037	1775	1951	1889	2028	1905	1950	1953	1890	2010	1980	2046	23414
21-23	MEAN	34.7	37.3	42.2	50.8	60.1	67.2	70.0	68.9	62.4	51.1	41.0	35.0	51.7
	S D.	12.036	11.556	10.331	9.078	7.104	5.287	4.203	4.522	6.840	9.002	10.468	11.224	15.774
	TOTAL OBS	2034	1777	1953	1890	2025	1901	1949	1952	1889	2008	1980	2045	23403
ALL HOURS	MEAN	35.6	38.2	43.0	51.9	61.2	68.0	70.8	69.8	63.6	52.9	42.8	36.0	52.8
	S D	12.471	11.852	10.917	9.617	7.753	5.825	4.636	4.967	7.179	9.580	10.969	11.461	15.980
	TOTAL OBS	16293	14216	15615	15113	16200	15228	15601	15618	15117	16058	15834	16352	187245

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

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13827 (STATION) SMYRNA TENNESSEE/SEWART AFB (STATION NAME) 42-47,49-66 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	29.5	31.6	36.1	45.1	56.0	63.8	67.0	66.1	59.1	47.1	36.4	29.7	47.2
	S D	14.182	13.508	12.297	10.665	8.119	6.021	5.077	5.258	7.806	10.510	12.071	13.156	17.431
	TOTAL OBS	2034	1779	1953	1890	2025	1906	1950	1953	1890	2005	1978	2043	23406
03-05	MEAN	29.0	30.8	35.3	44.4	55.0	63.0	66.4	65.4	58.2	46.2	35.6	29.3	46.5
	S D	14.486	13.464	12.509	10.889	8.261	6.217	5.151	5.475	8.064	10.602	12.428	13.379	17.492
	TOTAL OBS	2032	1775	1950	1888	2023	1902	1950	1950	1890	2006	1979	2043	23388
06-08	MEAN	28.8	31.0	35.9	45.5	56.8	64.7	67.7	66.5	59.3	47.1	35.8	29.4	47.3
	S D	14.773	13.716	12.687	11.335	8.533	6.046	5.116	5.364	7.954	10.516	12.419	13.454	18.013
	TOTAL OBS	2032	1774	1950	1888	2024	1901	1948	1953	1890	2007	1980	2044	23391
09-11	MEAN	30.7	32.9	36.7	45.9	57.1	64.8	67.9	66.9	60.3	49.0	37.7	31.3	48.4
	S D	14.644	13.688	13.315	12.355	9.545	6.752	5.486	5.602	8.270	10.997	12.741	13.249	17.738
	TOTAL OBS	2039	1779	1953	1888	2025	1905	1951	1953	1890	2007	1979	2046	23415
12-14	MEAN	31.4	33.4	36.7	45.4	56.3	63.6	66.8	65.5	59.2	47.8	37.5	31.5	47.9
	S. D	14.503	13.940	13.606	12.627	9.638	7.051	6.129	6.219	8.672	11.721	13.083	13.544	17.424
	TOTAL OBS	2036	1778	1952	1890	2024	1904	1953	1952	1889	2006	1978	2039	23401
15-17	MEAN	31.6	33.5	36.6	45.1	56.2	63.3	66.3	65.3	58.8	47.4	37.2	31.5	47.7
	S D	14.406	13.900	13.581	12.323	9.441	7.056	6.341	6.387	8.653	11.680	12.847	13.312	17.249
	TOTAL OBS	2041	1779	1953	1890	2026	1904	1950	1953	1889	2009	1980	2046	23420
18-20	MEAN	31.0	33.4	37.1	45.9	57.3	64.5	67.4	66.4	59.9	48.4	37.1	31.2	48.2
	S. D	13.959	13.609	12.739	11.371	8.767	6.477	5.837	5.684	8.008	10.747	12.268	12.824	17.317
	TOTAL OBS	2037	1775	1951	1889	2028	1905	1950	1953	1890	2010	1980	2046	23414
21-23	MEAN	30.2	32.7	37.1	46.0	57.3	64.8	67.7	66.6	59.8	47.8	36.4	30.5	48.0
	S D	13.922	13.447	12.186	10.701	8.096	5.851	5.224	5.254	7.714	10.469	12.071	12.942	17.405
	TOTAL OBS	2034	1777	1953	1890	2025	1901	1949	1952	1889	2008	1980	2045	23403
ALL HOURS	MEAN	30.3	32.4	36.4	45.4	56.5	64.1	67.2	66.1	59.3	47.6	36.7	30.6	47.6
	S D	14.408	13.697	12.886	11.565	8.850	6.484	5.594	5.699	8.172	10.943	12.514	13.262	17.519
	TOTAL OBS	16285	14216	15615	15113	16200	15228	15601	15619	15117	16058	15834	16352	187238

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	42-47,49-66	ALL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.9	95.3	88.0	76.4	60.2	39.8	18.6	73.3	16285
FEB		100.0	99.9	97.9	92.0	82.7	71.4	56.4	37.5	16.8	71.0	14216
MAR		100.0	99.4	94.8	86.9	76.3	63.2	47.2	29.4	12.1	66.5	15615
APR		100.0	99.4	94.0	83.9	71.9	58.1	41.5	26.0	10.2	64.1	15113
MAY		100.0	99.9	97.4	89.4	78.3	65.9	52.7	35.9	13.4	68.9	16200
JUN		100.0	100.0	98.9	91.9	80.2	67.2	53.7	37.3	13.4	69.9	15228
JUL		100.0	99.8	98.6	93.2	82.8	69.6	55.4	39.9	15.2	71.1	15601
AUG		100.0	99.9	98.5	93.0	81.6	69.1	55.8	40.8	15.7	71.2	15619
SEP		100.0	99.8	97.3	89.9	79.2	68.0	55.8	41.4	16.3	70.5	15117
OCT		100.0	99.5	95.1	86.9	77.2	67.0	54.9	38.7	17.2	69.4	16058
NOV		100.0	99.6	96.5	89.8	79.8	67.1	50.5	32.8	12.3	68.4	15834
DEC		100.0	99.9	98.7	94.5	86.4	74.9	59.2	39.1	16.8	72.5	16352
TOTALS		100.0	99.8	97.2	90.6	80.4	68.2	53.7	36.6	14.8	69.8	187238

1210WS FORM JUL 64 0-87-5 (Dat 50)

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	43-47,49-66	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.7	96.8	89.1	73.1	49.3	23.0	78.8	2034
	03-05	100.0	100.0	100.0	100.0	98.5	93.2	78.4	54.0	24.0	80.4	2032
	06-08	100.0	100.0	100.0	99.8	98.9	93.3	78.8	54.9	24.0	80.7	2032
	09-11	100.0	100.0	99.6	96.3	88.2	73.0	54.4	33.8	16.0	71.7	2039
	12-14	100.0	99.8	96.1	84.9	68.5	51.1	36.5	24.6	12.6	63.0	2036
	15-17	100.0	99.6	96.1	86.1	69.7	52.1	38.3	25.0	12.5	63.5	2041
	18-20	100.0	100.0	99.9	97.0	89.1	75.0	55.2	33.9	16.4	72.3	2037
	21-23	100.0	100.0	100.0	98.8	94.8	84.5	66.8	42.7	20.1	76.4	2034
TOTALS		100.0	99.9	98.9	95.3	88.0	76.4	60.2	39.8	18.6	73.3	16285

1210WS FORM JUL 64 0-87-5 (Det 50)

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,49-66	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	100.0	99.9	98.8	96.6	88.9	74.0	50.5	22.1	78.6	1779
	03-05	100.0	100.0	100.0	99.5	97.4	91.7	78.5	55.5	25.9	80.5	1775
	06-08	100.0	100.0	99.9	99.4	97.9	91.7	78.4	55.1	23.0	80.1	1774
	09-11	100.0	100.0	99.2	93.5	81.4	65.1	47.0	28.1	11.7	68.2	1779
	12-14	100.0	99.6	92.8	77.7	58.0	43.6	31.2	19.2	8.8	58.6	1778
	15-17	100.0	99.3	91.9	74.0	55.6	43.2	31.4	20.9	10.1	58.2	1779
	18-20	100.0	100.0	99.2	94.4	82.1	64.3	47.0	30.1	14.1	68.7	1775
	21-23	100.0	100.0	99.9	98.7	92.9	82.8	63.9	40.7	18.7	75.4	1777
TOTALS		100.0	99.9	97.9	92.0	82.7	71.4	56.4	37.5	16.8	71.0	14216

1210WS FORM JUL 64 0-87-5 (Del 50)

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,49-66	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	99.9	98.8	95.6	84.2	65.9	41.8	17.1	76.0	1953
	03-05	100.0	100.0	100.0	99.5	96.7	89.9	74.5	48.3	22.3	78.7	1950
	06-08	100.0	100.0	99.9	99.3	95.3	84.7	68.4	44.3	18.5	76.5	1950
	09-11	100.0	99.8	95.7	83.6	67.3	50.2	33.8	19.6	6.8	61.3	1953
	12-14	100.0	98.2	84.5	66.0	48.5	35.8	23.5	13.9	5.0	53.1	1952
	15-17	100.0	97.9	81.9	62.8	46.6	34.4	23.1	14.7	6.3	52.3	1953
	18-20	100.0	99.7	96.8	87.1	69.7	51.8	34.9	21.2	8.3	62.6	1951
	21-23	100.0	100.0	99.8	97.8	90.5	74.6	53.3	31.9	12.4	71.6	1953
TOTALS		100.0	99.4	94.8	86.9	76.3	63.2	47.2	29.4	12.1	66.5	15615

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DATA PROCESSING DIVISION
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RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,49-66	APR
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%		
APR	00-02	100.0	100.0	100.0	98.9	95.4	86.1	66.3	45.1	15.6	76.3	1890
	03-05	100.0	100.0	100.0	99.5	96.5	90.8	75.9	54.5	24.4	79.8	1888
	06-08	100.0	99.9	99.6	97.9	92.7	80.4	58.3	34.3	13.5	73.3	1888
	09-11	100.0	99.8	94.2	79.1	58.6	39.4	22.4	12.2	5.0	56.5	1888
	12-14	100.0	97.7	82.2	59.6	39.8	26.1	16.4	9.0	3.5	49.0	1890
	15-17	100.0	97.8	80.2	55.0	38.1	24.9	15.6	9.8	4.1	48.2	1890
	18-20	100.0	99.7	96.2	84.4	64.0	44.0	27.2	15.8	5.6	59.2	1889
	21-23	100.0	100.0	99.8	97.0	90.3	72.9	50.0	27.6	9.7	70.3	1890
TOTALS		100.0	99.4	94.0	83.9	71.9	58.1	41.5	26.0	10.2	64.1	15113

1210WS FORM JUL 64 0-87-5 (Del 50)

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,47,49-66	MAY
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%		
MAY	00-02	100.0	100.0	100.0	100.0	99.6	97.8	91.0	69.3	27.3	84.3	2025
	03-05	100.0	100.0	100.0	100.0	99.9	98.7	94.3	80.1	40.7	87.1	2023
	06-08	100.0	100.0	100.0	99.4	97.1	88.4	70.9	45.6	13.8	77.2	2024
	09-11	100.0	100.0	98.1	87.5	66.3	40.6	23.2	11.8	2.9	58.6	2025
	12-14	100.0	99.6	91.6	69.0	43.8	25.0	14.1	6.5	1.5	50.8	2024
	15-17	100.0	99.7	90.7	68.1	44.0	26.1	15.5	8.0	2.1	50.9	2026
	18-20	100.0	100.0	98.9	91.8	77.9	58.2	36.7	18.9	5.2	64.3	2028
	21-23	100.0	100.0	100.0	99.8	97.9	92.1	75.7	47.3	14.0	78.3	2025
TOTALS		100.0	99.9	97.4	89.4	78.3	65.9	52.7	35.9	13.4	68.9	16200

1210WS FORM JUL 64 0-87-5 (Det 50)

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,47,49-66	JUN
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%		
JUN	00-02	100.0	100.0	100.0	100.0	99.9	99.1	94.2	76.7	28.5	85.7	1906
	03-05	100.0	100.0	100.0	100.0	99.9	99.7	98.1	85.9	41.6	88.5	1902
	06-08	100.0	100.0	100.0	100.0	98.6	92.5	73.3	45.1	12.0	77.8	1901
	09-11	100.0	100.0	99.5	92.7	73.0	44.1	21.3	8.3	1.9	59.6	1905
	12-14	100.0	99.9	96.5	75.9	46.4	23.7	11.6	5.5	1.6	51.6	1904
	15-17	100.0	99.8	95.5	72.7	44.5	26.8	15.4	7.6	2.4	52.1	1904
	18-20	100.0	100.0	99.5	94.0	79.4	57.8	37.6	19.2	5.7	64.9	1905
	21-23	100.0	100.0	100.0	100.0	99.5	94.3	78.1	49.9	13.8	79.2	1901
TOTALS		100.0	100.0	98.9	91.9	80.2	67.2	53.7	37.3	13.4	69.9	15228

1210WS FORM JUL 64 0-87-5 (Det 50)

DATA PROCESSING DIVISION
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RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,49-66	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.8	97.7	93.1	78.9	34.1	86.1	1950
	03-05	100.0	100.0	100.0	100.0	99.9	99.4	97.1	88.7	45.1	89.2	1950
	06-08	100.0	100.0	100.0	99.9	98.1	93.1	79.8	53.1	12.9	79.5	1948
	09-11	100.0	100.0	98.9	93.4	78.7	52.1	24.9	8.5	1.9	61.3	1951
	12-14	100.0	99.6	96.2	80.5	53.2	27.8	13.0	5.8	2.0	53.3	1953
	15-17	100.0	99.3	95.0	78.4	52.9	30.4	15.8	8.8	2.2	53.8	1950
	18-20	100.0	99.8	98.7	93.8	82.3	64.2	41.7	21.4	6.4	66.3	1950
	21-23	100.0	100.0	99.9	99.5	97.5	92.3	78.3	53.8	17.0	79.4	1949
TOTALS		100.0	99.8	98.6	93.2	82.8	69.6	55.4	39.9	15.2	71.1	15601

1210WS FORM JUL 64 0-87-5 (OL1)

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,49-66	AUG
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.9	99.3	94.0	78.8	31.9	86.4	1953
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.9	89.4	47.3	89.7	1950
	06-08	100.0	100.0	100.0	99.9	99.3	95.8	83.8	60.2	18.8	81.6	1953
	09-11	100.0	100.0	99.1	94.0	77.0	49.2	23.9	9.5	2.2	61.0	1953
	12-14	100.0	99.8	95.3	77.8	46.6	23.5	11.0	5.2	1.4	51.5	1952
	15-17	100.0	99.8	94.2	76.9	46.9	28.0	14.8	7.9	2.4	52.5	1953
	18-20	100.0	99.9	99.5	95.6	84.1	63.7	41.0	21.4	5.8	66.6	1953
	21-23	100.0	100.0	100.0	100.0	98.8	93.8	80.2	54.0	15.6	79.9	1952
TOTALS		100.0	99.9	98.5	93.0	81.6	69.1	55.8	40.8	15.7	71.2	15619

1210WS FORM JUL 64 0-87-5 (Del 50)

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	43-45,49-66	SEP
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.5	96.3	88.7	74.3	29.1	84.8	1890
	03-05	100.0	100.0	100.0	100.0	99.8	98.7	94.6	83.3	42.4	88.0	1890
	06-08	100.0	100.0	100.0	99.8	98.5	93.6	83.0	62.2	24.2	82.0	1890
	09-11	100.0	99.9	98.5	89.7	69.6	48.3	27.9	14.8	4.2	60.7	1890
	12-14	100.0	99.3	90.9	68.3	42.5	24.9	15.1	8.7	2.2	50.8	1889
	15-17	100.0	99.1	90.0	67.3	43.4	27.1	18.3	10.6	3.1	51.5	1889
	18-20	100.0	100.0	99.2	94.4	83.1	64.0	42.2	24.7	8.2	67.2	1890
	21-23	100.0	100.0	100.0	99.9	97.6	91.5	76.7	52.6	16.7	79.4	1889
TOTALS		100.0	99.8	97.3	89.9	79.2	68.0	55.8	41.4	16.3	70.5	15117

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	42-45,49-66	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	99.5	98.2	95.4	86.9	67.8	30.5	83.6	2005
	03-05	100.0	100.0	100.0	99.9	99.1	97.0	92.4	76.7	41.2	86.5	2006
	06-08	100.0	100.0	100.0	99.5	98.4	94.5	85.2	61.7	27.1	82.6	2007
	09-11	100.0	99.8	96.6	84.6	66.0	43.9	26.8	14.5	5.4	59.3	2007
	12-14	100.0	97.9	81.9	57.6	35.9	22.7	14.3	8.4	3.2	47.9	2006
	15-17	100.0	98.3	83.7	60.2	39.6	26.1	15.8	10.2	4.5	49.4	2009
	18-20	100.0	100.0	99.5	95.2	83.6	67.1	43.4	22.4	8.3	67.6	2010
	21-23	100.0	100.0	99.7	99.0	96.8	89.5	74.6	48.2	17.5	78.2	2008
TOTALS		100.0	99.5	95.1	86.9	77.2	67.0	54.9	38.7	17.2	69.4	16058

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	42-45,49-66	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	98.9	95.3	89.1	72.1	48.7	18.1	77.8	1978
	03-05	100.0	100.0	99.9	99.6	97.3	91.3	78.5	56.5	22.5	80.1	1979
	06-08	100.0	100.0	100.0	99.6	96.9	90.7	74.8	52.2	20.7	79.0	1980
	09-11	100.0	99.8	97.3	88.3	70.9	51.8	33.4	19.6	7.1	62.5	1979
	12-14	100.0	98.5	86.5	66.6	46.0	30.4	19.6	11.5	4.7	51.9	1978
	15-17	100.0	98.5	89.8	72.3	52.8	35.1	21.8	11.9	4.8	54.3	1980
	18-20	100.0	100.0	99.1	95.2	85.8	66.2	42.5	23.0	7.9	67.6	1980
	21-23	100.0	100.0	99.7	97.9	93.4	82.2	61.6	38.5	12.4	74.3	1980
TOTALS		100.0	99.6	96.5	89.8	79.8	67.1	50.5	32.8	12.3	68.4	15834

1210WS FORM JUL 64 0-87-5 (Det 50)

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

RELATIVE HUMIDITY

13827	SMYRNA TENNESSEE/SEWART AFB	42-45,49-66	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	99.9	99.1	96.9	89.8	74.4	49.1	21.0	78.7	2043
	03-05	100.0	100.0	100.0	99.6	97.8	92.5	80.5	56.4	23.7	80.5	2043
	06-08	100.0	100.0	100.0	99.7	98.2	92.9	80.4	57.9	23.9	80.8	2044
	09-11	100.0	100.0	99.5	95.6	84.7	68.2	49.4	29.8	12.4	69.7	2046
	12-14	100.0	99.4	95.0	81.5	61.1	44.7	31.7	20.9	8.1	59.9	2039
	15-17	100.0	99.8	96.0	84.6	66.5	49.5	34.7	22.4	10.5	61.9	2046
	18-20	100.0	100.0	99.7	97.4	91.1	75.9	54.9	32.1	15.1	72.1	2046
	21-23	100.0	100.0	99.8	98.9	94.7	85.3	68.0	43.9	19.9	76.6	2045
TOTALS		100.0	99.9	98.7	94.5	86.4	74.9	59.2	39.1	16.8	72.5	16352

1210WS FORM JUL 64 0-87-5 (Det 50)

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

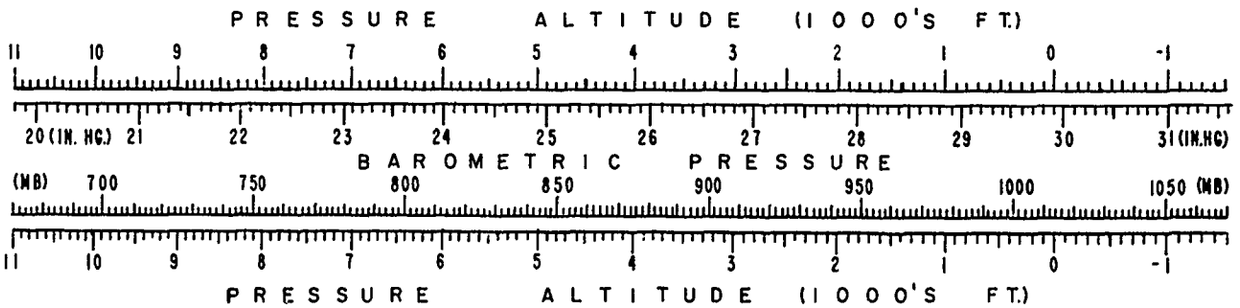
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



F

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

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13827 SMYRNA TENNESSEE/SEWART AFB 46-47,49-63

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN	FEB.	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	29.557	29.511	29.450	29.430	29.430	29.410	29.451	29.440	29.475	29.512	29.531	29.563	29.481
	S. D.	.204	.218	.196	.174	.117	.096	.079	.081	.106	.148	.182	.199	.166
	TOTAL OBS	525	451	496	480	496	474	465	465	480	496	480	496	5804
03	MEAN	29.564	29.504	29.441	29.423	29.426	29.407	29.445	29.435	29.473	29.511	29.532	29.567	29.478
	S. D.	.206	.224	.197	.178	.121	.098	.081	.084	.110	.151	.187	.203	.171
	TOTAL OBS	525	451	496	480	496	474	465	465	480	496	480	496	5804
06	MEAN	29.577	29.521	29.467	29.455	29.461	29.441	29.477	29.467	29.504	29.538	29.551	29.578	29.504
	S. D.	.208	.228	.199	.186	.127	.102	.084	.088	.112	.153	.191	.204	.172
	TOTAL OBS	525	451	496	480	496	474	465	465	480	496	480	496	5804
09	MEAN	29.610	29.549	29.492	29.473	29.476	29.453	29.494	29.485	29.525	29.564	29.580	29.609	29.527
	S. D.	.211	.231	.202	.191	.127	.106	.084	.094	.112	.156	.192	.208	.176
	TOTAL OBS	525	451	496	480	495	474	465	465	480	496	480	496	5803
12	MEAN	29.567	29.520	29.467	29.444	29.447	29.427	29.466	29.453	29.489	29.520	29.539	29.566	29.493
	S. D.	.212	.227	.196	.186	.123	.103	.082	.088	.106	.151	.187	.202	.170
	TOTAL OBS	525	451	496	480	496	474	465	465	480	496	480	496	5804
15	MEAN	29.539	29.479	29.425	29.404	29.409	29.391	29.426	29.410	29.445	29.481	29.510	29.539	29.456
	S. D.	.209	.224	.192	.180	.117	.097	.081	.086	.106	.147	.183	.196	.168
	TOTAL OBS	525	451	496	480	496	474	465	465	480	496	480	496	5804
18	MEAN	29.555	29.492	29.428	29.402	29.404	29.384	29.418	29.406	29.448	29.490	29.526	29.554	29.460
	S. D.	.207	.220	.192	.173	.113	.093	.078	.084	.105	.144	.182	.193	.168
	TOTAL OBS	525	450	496	480	496	473	465	465	480	496	480	496	5802
21	MEAN	29.565	29.508	29.449	29.432	29.432	29.411	29.448	29.438	29.478	29.511	29.542	29.565	29.482
	S. D.	.208	.219	.194	.172	.112	.093	.079	.084	.104	.145	.182	.191	.166
	TOTAL OBS	524	451	495	480	496	473	465	465	480	496	480	495	5800
ALL HOURS	MEAN	29.567	29.511	29.452	29.433	29.436	29.416	29.453	29.442	29.480	29.516	29.539	29.568	29.485
	S. D.	.209	.225	.197	.182	.122	.101	.084	.090	.110	.151	.187	.200	.171
	TOTAL OBS	4199	3607	3967	3840	3967	3790	3720	3720	3840	3968	3840	3967	46425

1210 WS FORM JUL 64 0-89-5 (Del 50)

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

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13027 SMYRNA TENNESSEE/SEWART AFB 46-47,49-63

STATION STATION NAME YEARS

HRS.(L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
00	MEAN	1020.6	1019.0	1016.8	1015.8	1015.7	1014.8	1016.2	1015.9	1017.1	1018.6	1019.6	1020.9	1017.6
	S. D	7.420	7.695	6.930	6.065	4.114	3.318	2.750	2.833	3.746	5.011	6.461	7.066	5.919
	TOTAL OBS	490	451	495	480	489	473	465	465	450	465	450	465	5638
03	MEAN	1020.7	1018.8	1016.5	1015.6	1015.6	1014.8	1016.0	1015.7	1017.0	1018.6	1019.6	1021.0	1017.5
	S. D.	7.470	7.865	6.972	6.197	4.206	3.364	2.790	2.898	3.839	5.120	6.633	7.194	6.042
	TOTAL OBS	490	451	496	480	489	470	465	465	450	465	450	465	5636
06	MEAN	1021.3	1019.4	1017.4	1016.8	1016.8	1015.9	1017.1	1016.8	1018.2	1019.6	1020.3	1021.4	1018.4
	S D.	7.548	8.025	7.010	6.476	4.449	3.502	2.883	3.050	3.930	5.196	6.800	7.248	6.079
	TOTAL OBS	490	451	496	480	489	472	465	465	450	464	450	465	5637
09	MEAN	1022.4	1020.4	1018.3	1017.4	1017.3	1016.3	1017.7	1017.4	1018.9	1020.5	1021.3	1022.5	1019.2
	S D	7.690	8.133	7.107	6.652	4.423	3.633	2.897	3.168	3.935	5.291	6.819	7.379	6.235
	TOTAL OBS	490	451	496	480	489	472	465	465	450	465	450	465	5638
12	MEAN	1020.9	1019.3	1017.3	1016.3	1016.3	1015.4	1016.7	1016.3	1017.6	1018.9	1019.8	1021.0	1018.0
	S. D.	7.712	7.981	6.917	6.466	4.291	3.568	2.851	3.077	3.761	5.137	6.648	7.171	6.045
	TOTAL OBS	490	451	495	480	490	470	465	465	450	465	450	465	5636
15	MEAN	1019.9	1018.0	1015.9	1015.0	1015.0	1014.2	1015.4	1014.8	1016.1	1017.6	1018.8	1020.0	1016.7
	S. D.	7.549	7.832	6.781	6.236	4.098	3.359	2.805	3.010	3.721	4.978	6.488	6.925	5.943
	TOTAL OBS	491	450	496	480	490	469	465	465	450	465	450	465	5636
18	MEAN	1020.5	1018.4	1016.1	1014.9	1014.8	1014.0	1015.1	1014.7	1016.2	1017.9	1019.5	1020.7	1016.9
	S D.	7.490	7.768	6.773	6.026	3.943	3.204	2.694	2.898	3.664	4.894	6.465	6.833	5.983
	TOTAL OBS	491	451	496	480	490	471	465	465	450	465	450	465	5639
21	MEAN	1020.9	1019.0	1016.8	1015.9	1015.8	1014.9	1016.1	101	1017.2	1018.7	1020.0	1021.0	1017.6
	S. D.	7.578	7.721	6.850	6.009	3.915	3.203	2.757	2.899	3.667	4.950	6.477	6.836	5.912
	TOTAL OBS	490	451	496	480	489	471	465	465	450	465	450	465	5637
ALL HOURS	MEAN	1020.9	1019.0	1016.9	1016.0	1015.9	1015.0	1016.3	1015.9	1017.3	1018.8	1019.9	1021.1	1017.7
	S. D.	7.582	7.901	6.950	6.313	4.255	3.478	2.919	3.100	3.881	5.141	6.630	7.108	6.067
	TOTAL OBS	3922	3607	3966	3840	3915	3768	3720	3720	3600	3719	3600	3720	45097