

AD A072040

USAFETAC/DS-79/029

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

NELLIS AFB NEVADA LAS VEGAS
N 36 15 W 115 02 FLD ELEV 1868 FT KLSV

WBAN# 23112
WMO#

PARTS A-F

FOR FROM HOURLY OBS: MAR 42-SEPT 44 JAN 49-DEC 72
FOR FROM DAILY OBS: MAR 42-SEPT 44 JAN 49-DEC 72

MAR 7, 1975

FEDERAL BUILDING
ASHEVILLE, N. C.

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


MICHAEL W. PRESTON, SMS, USAF
NCOIC, Climatological Services Branch

FOR THE COMMANDER


WALTER S. BURGANN
Scientific & Technical
Information Officer

AD A072040

DDC ACCESSION NUMBER



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THIS SHEET



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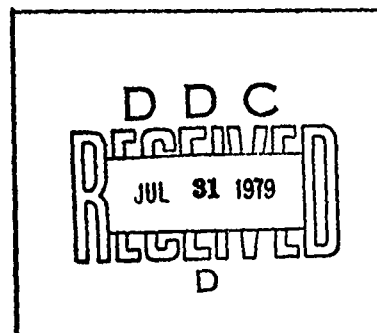
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM																
1. REPORT NUMBER USAFETAC/DS-79/029 14	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER																
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Nellis AFB Las Vegas, Nevada		5. TYPE OF REPORT & PERIOD COVERED Final rept. 7																
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER																
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)																
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS																
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 07 Mar 75 11																
		13. NUMBER OF PAGES 517 p. 12																
		15. SECURITY CLASS. (of this report) UNCLASSIFIED																
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE																
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																		
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) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>				*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)
*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 Nellis AFB, Las Vegas, Nevada It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over))																		

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

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

* Nevada

* Nellis AFB NV

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.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV . (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 59to May 60	Same	Same	Same	30 Ft	
8	Jun 60to Jan 66	Located parallel to Rnwy 02/20 at the S end.	AN/GMQ-11	RO-2	10 Surface	
9	Feb 66to Sep 66	Located parallel to Rnwy 02/20 at the N end.	Same	Same	13 Same	
10	Oct 66to Nov 66	1. Located parallel to Rnwy 02 at S end, 2500 ft from S end of Rnwy Complex. 2. Located parallel to Rnwy 20 at N end, 1300 ft from N end of Rnwy Complex.	Same	Same	10 Same	
11	Dec 66to Feb 69	1. Rnwy 03 Same as above. 2. Rnwy 21 Same as above.	Same	Same	10 Same	
12	Mar 69to Jun 70	1. Located 500 ft from centerline of Rnwy 03, 2500 ft from the end. 2. Located 500 ft from centerline of Rnwy 21L, 1450 ft from the end.	Same	Same	10 Same	
13	Jul 70to Dec 72	1. Same 2. Located 375 ft from centerline of Rnwy 21L, 1450 ft from the end.	AN/GMQ-20	RO-362	10 Ft 13 Ft	

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A

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112 NELLIS AFB NEVADA/LAS VEGAS 42-44,49-72 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		2.3		.4	.0	2.7	.3			.2	.5	18961
FEB		.0	2.2		.0	.0	2.2	.1			.2	.3	17443
MAR		.1	1.6		.1	.0	1.7	.0	.0		.6	.7	19721
APR		.0	1.5		.0	.0	1.5	.0	.0		.6	.6	19297
MAY		.1	.8				.8	.0	.0		.4	.4	19958
JUN		.2	.4				.4		.0		.3	.3	19052
JUL		.7	1.0			.0	1.0		.0		.2	.2	19668
AUG		.9	1.2				1.2	.0	.2		.2	.4	20031
SEP		.4	.9				.9	.0	.1		.1	.3	19391
OCT		.1	1.3				1.3	.0	.0		.3	.3	20010
NOV		.0	1.9		.0		1.9	.2			.1	.3	18648
DEC			2.5		.2		2.6	.3	.0		.2	.5	19249
TOTALS		.2	1.5		.1	.0	1.5	.1	.0		.3	.4	231429

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44,49-72
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		2.7		.3		3.0	.0			.1	.1	2377
	03-05		2.3		.4	.0	2.7	.3			.0	.4	2381
	06-08		2.2		.5		2.6	.5			.0	.6	2368
	09-11		1.9		.4		2.3	.6			.3	.8	2367
	12-14		2.2		.3		2.4	.3			.5	.8	2377
	15-17		2.2		.3		2.6	.2			.3	.4	2369
	18-20		2.5		.3		2.8	.1			.3	.4	2359
	21-23		2.6		.5		3.0	.0			.1	.1	2363
TOTALS			2.3		.4	.0	2.7	.3			.2	.5	18761

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
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		2.0		.0		2.0				.2	.2	2182
	03-05		1.8		.1	.0	1.9	.0			.0	.1	2182
	06-08		2.2		.0		2.2	.3				.3	2183
	09-11		2.5		.1		2.6	.2			.2	.4	2182
	12-14	.1	2.4				2.4	.1			.1	.3	2180
	15-17	.1	2.9				2.9				.2	.2	2171
	18-20		2.1		.0		2.2				.5	.5	2181
	21-23		1.6				1.6				.2	.2	2182
TOTALS		.0	2.2		.0	.0	2.2	.1			.2	.3	17443

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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		1.9		.1		2.0				.5	.5	2465
	03-05		1.8		.1		1.9	.1			.4	.5	2460
	06-08		1.6		.1		1.7	.1	.1		.4	.6	2472
	09-11		1.1		.1		1.2	.0			.7	.7	2467
	12-14	.1	1.2		.0	.0	1.3				.6	.6	2466
	15-17	.2	1.5		.0		1.5	.0			.7	.8	2459
	18-20	.1	2.0				2.0	.1	.0		.8	.9	2466
	21-23	.0	1.6		.0		1.6				.6	.6	2466
TOTALS		.1	1.6		.1	.0	1.7	.0	.0		.6	.7	19721

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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		1.4				1.4				.2	.2	2416
	03-05		1.5				1.5	.1			.0	.1	2415
	06-08		1.2				1.2	.1			.3	.4	2412
	09-11		1.5		.0		1.5	.1			.8	.9	2414
	12-14	.1	1.7			.0	1.7				1.2	1.2	2406
	15-17	.2	1.9				1.9		.0		1.0	1.0	2409
	18-20	.0	1.8				1.8				.6	.6	2409
	21-23		1.1				1.1				.3	.3	2416
TOTALS		.0	1.5		.0	.0	1.5	.0	.0		.6	.6	19297

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112 NELLIS AFB NEVADA/LAS VEGAS 42-44,49-72 MAY
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.
MAY	00-02		.4				.4				.0	.0	2501
	03-05	.1	1.0				1.0	.0	.1			.1	2494
	06-08	.0	.8				.8				.3	.3	2492
	09-11	.1	.8				.8		.0		.6	.6	2491
	12-14	.2	1.0				1.0				.6	.6	2498
	15-17	.1	1.2				1.2				.8	.8	2496
	18-20	.1	.9				.9				.4	.4	2493
	21-23	.0	.6				.6				.2	.2	2493
TOTALS		.1	.8				.8	.0	.0		.4	.4	19958

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.0	.2				.2				.3	.3	2380
	03-05	.1	.4				.4				.0	.0	2381
	06-08		.1				.1		.0		.1	.1	2379
	09-11	.1	.2				.2						2377
	12-14	.6	.5				.5				.4	.4	2385
	15-17	.7	.7				.7				.4	.4	2384
	18-20	.4	.8				.8				.5	.5	2381
	21-23	.0	.2				.2				.5	.5	2385
TOTALS		.2	.4				.4		.0		.3	.3	19052

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WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	.8	.9				.9				.0	.0	2465
	03-05	.3	.7				.7						2459
	06-08	.2	.9				.9				.1	.1	2452
	09-11	.2	.5				.5				.1	.1	2448
	12-14	.8	1.0			.0	1.0				.3	.3	2434
	15-17	.9	1.3				1.3				.2	.2	2454
	18-20	1.4	1.2				1.2				.4	.4	2470
	21-23	1.3	1.5				1.5		.0		.3	.3	2466
TOTALS		.7	1.0			.0	1.0		.0		.2	.2	19668

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.6	.9				.9						2505
	03-05	.6	.8				.8		.0		.1	.1	2502
	06-08	.3	1.0				1.0		.2			.2	2508
	09-11	.1	1.0				1.0	.2	.3		.1	.6	2506
	12-14	1.2	1.5				1.5		.3		.3	.6	2506
	15-17	2.0	1.4				1.4		.2		.4	.5	2499
	18-20	1.1	1.3				1.3		.2		.5	.6	2508
	21-23	1.4	1.3				1.3		.1		.1	.2	2497
TOTALS		.9	1.2				1.2	.0	.2		.2	.4	20031

DATA PROCESSING BRANCH
USAF ETAC
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WEATHER CONDITIONS

23112

NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

SEP

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.
SEP	00-02	.3	1.1				1.1		.2			.2	2426
	03-05	.3	1.0				1.0		.1		.0	.1	2424
	06-08	.1	.8				.8	.0	.2		.0	.2	2420
	09-11	.1	.8				.8	.0	.2		.1	.3	2420
	12-14	.6	.9				.9		.1		.3	.5	2425
	15-17	.5	.9				.9		.1		.2	.4	2423
	18-20	.6	1.0				1.0		.1		.2	.2	2428
	21-23	.4	1.0				1.0		.1		.2	.3	2425
TOTALS		.4	.9				.9	.0	.1		.1	.3	19391

DATA PROCESSING BRANCH
USAF LAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.1	1.3				1.3				.1	.1	2507
	03-05	.1	1.4				1.4	.0			.0	.1	2500
	06-08	.0	1.2				1.2	.0			.0	.1	2501
	09-11	.0	1.5				1.5		.0		.4	.4	2502
	12-14	.2	1.4				1.4				.6	.6	2495
	15-17	.1	1.1				1.1				.5	.5	2501
	18-20	.1	1.0				1.0				.3	.3	2498
	21-23	.1	1.3				1.3	.0			.3	.4	2506
TOTALS		.1	1.3				1.3	.0	.0		.3	.3	20010

2
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	1.7		.0		1.7	.3				.3	2334
	03-05		2.1		.1		2.1	.4				.4	2333
	06-08		1.8		.0		1.8	.5			.1	.6	2336
	09-11		1.7		.0		1.7	.0			.2	.3	2334
	12-14		1.4		.0		1.4	.1			.1	.2	2327
	15-17	.0	2.4				2.4	.2			.3	.6	2325
	18-20	.2	2.2		.1		2.2	.0			.2	.2	2329
	21-23	.0	1.6		.1		1.6	.1			.0	.1	2330
TOTALS		.0	1.9		.0		1.9	.2			.1	.3	18648

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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		3.0		.3		3.2	.2	.0		.0	.3	2402
	03-05		2.9		.1		3.0	.2			.1	.3	2409
	06-08		2.6		.2		2.8	.3	.1		.1	.6	2413
	09-11		2.2		.1		2.2	.6	.1		.3	1.1	2410
	12-14		2.0		.1		2.1	.3			.3	.7	2413
	15-17		2.0		.0		2.0	.4	.0		.1	.5	2401
	18-20		2.5		.1		2.7	.1			.1	.2	2399
	21-23		2.8		.3		3.0	.0			.0	.1	2402
TOTALS			2.5		.2		2.6	.3	.0		.2	.5	19249

PART A

ATMOSPHERIC PHENOMENA

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

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

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

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

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
XX WEATHER CONDITIONS XX
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

49-72
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR ICE	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH CBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.1	13.2		2.3	.3	14.0	2.0	.1		1.0	3.1	735
FEB		.7	13.5		.7	.1	13.8	1.0			.7	1.8	676
MAR		.5	13.2		.8	.3	13.3	.8	.4		2.0	3.2	744
APR		1.3	11.4		.3	.1	11.4	.4	.1		1.8	2.4	718
MAY		2.0	9.2			.1	9.3	.1	.5		.7	1.3	743
JUN		3.9	7.6			.1	7.6		.1		1.0	1.1	720
JUL		11.4	16.5			.3	16.5	.1	.1		2.6	2.8	744
AUG		12.5	16.8				16.8	.3	.1		1.5	1.9	744
SEP		4.9	10.7			.1	10.7	.3			.4	.7	719
OCT		1.9	10.2		.1		10.2	.3	.1		1.1	1.3	744
NOV		1.1	10.8		1.1		10.8	1.8			.8	2.6	720
DEC			12.7		1.8		13.3	2.5	.5		.8	3.6	731
TOTALS		3.4	12.2		.6	.1	12.4	.8	.2		1.2	2.1	8738

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

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

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

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

23112 NELLIS AFB NEVADA/LAS VEGAS 42-44, 49-72

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	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	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	85.6	7.8	1.0	1.4	.8	2.2	.9	.4						6.6	787	.33	1.43	.00
FEB	85.1	6.7	1.1	2.0	1.6	2.3	1.0	.1						8.2	734	.28	.98	.00
MAR	86.4	7.4	.6	1.8	1.6	1.6	.5	.1						6.2	822	.20	1.81	.00
APR	87.3	6.5	.5	2.2	1.5	1.1	.2	.5	.1					6.2	810	.27	3.36	.00
MAY	90.4	6.2	.6	1.0	.6	.6	.5	.1						3.3	836	.13	.94	.00
JUN	92.3	5.9	.1	.7	.4	.4	.1							1.7	810	.05	.38	.00
JUL	83.6	9.4	1.8	2.3	.6	1.0	.7	.4	.2					6.9	837	.34	1.56	.00
AUG	83.0	10.8	1.0	2.3	.7	1.2	.5	.1	.5					6.2	837	.39	2.10	.00
SEP	89.9	5.4	.7	1.1	.5	1.1	.5	.5	.2					4.7	810	.34	1.40	.00
OCT	89.1	5.6	1.0	1.7	1.0	.9	.4	.4						5.3	806	.22	1.26	.00
NOV	89.4	4.4	.5	1.4	.9	1.7	.8	.9	.1					6.3	780	.47	2.41	.00
DEC	85.6	5.7	1.4	2.7	1.6	2.0	.7	.2						8.7	806	.31	1.59	.00
ANNUAL	87.3	6.8	.9	1.7	1.0	1.3	.6	.3	.1					5.9	9675	3.39		

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

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

23112 NELLIS AFB NEVADA/LAS VEGAS 42-44, 49-72

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY ✓	JUN.	JUL. ✓	AUG.	SEP. ✓	OCT. ✓	NOV.	DEC.	ALL MONTHS
42			* .00	TRACE	.00	.00	TRACE	1.50	.00	.10	.00	.04	
43	.65	.10	.18	.40	TRACE	.00	TRACE	.02	.22	.02	TRACE	.41	.65
44	.32	.27	.05	TRACE	.15	TRACE	TRACE	.00	.00				
49	*TRACE	*TRACE	.06	TRACE	.02	.03	.30	.20	.07	TRACE	.08	.06	.30
50	TRACE	.12	.01	TRACE	.00	TRACE	.64	.11	.90	TRACE	TRACE	.01	.90
51	.38	.01	.08	.08	.08	.00	.20	1.12	.94	.15	.22	.11	1.12
52	.37	TRACE	.83	.60	TRACE	.02	.40	.09	.41	.00	.26	.31	.83
53	TRACE	.00	.01	TRACE	TRACE	TRACE	.26	TRACE	.00	.21	.03	TRACE	.26
54	.34	.01	.29	.06	TRACE	TRACE	.31	TRACE	1.15	.04	.76	.15	1.15
55	.82	.13	TRACE	TRACE	.01	.23	.14	.44	.00	.03	TRACE	.05	.82
56	.23	.22	.00	.02	TRACE	.00	.28	.00	.00	.16	.00	.00	.28
57	.21	.05	TRACE	.63	.13	.10	1.15	1.77	TRACE	.10	.42	.03	1.77
58	.53	.81	.15	.15	.32	.00	TRACE	.05	.13	.61	.99	.00	.99
59	.12	.30	TRACE	TRACE	TRACE	TRACE	.66	.21	.32	.05	.94	.91	.94
60	.29	.11	.04	.11	.02	.06	TRACE	TRACE	.25	.73	1.17	.35	1.17
61	.23	TRACE	.12	.04	TRACE	.00	.31	1.62	.02	.10	.07	.21	1.62
62	.03	.18	.02	.00	TRACE	TRACE	.01	TRACE	.12	.49	.00	.16	.49
63	.19	.34	.15	.10	TRACE	.31	.00	.05	.62	.30	.26	TRACE	.62
64	TRACE	TRACE	.02	.07	.10	TRACE	.22	TRACE	TRACE	TRACE	.11	.01	.22
65	TRACE	.23	.33	1.25	.45	.01	.04	.33	.09	.02	.97	.73	1.25
66	.01	.07	TRACE	.20	.02	TRACE	.66	.02	1.16	.05	.22	.16	1.16
67	.25	TRACE	TRACE	.03	.07	.14	.11	.14	.63	.00	.83	.17	.83
68	TRACE	.22	.11	.06	.32	.05	.04	.03	.01	.23	.10	.03	.23
69	.23	.27	.15	TRACE	.39	.05	.74	.11	.01	.18	.03	TRACE	.74
70	TRACE	.46	.17	.04	.00	TRACE	.05	.62	.00	.01	.15	.07	.62
71	TRACE	.05	.02	TRACE*	.57	TRACE	TRACE	.02	.00	.03	.22	.21	.57
72	.00	.00	TRACE	.07	.04	.11	1.56	.17	.22	.77	.79	.08	1.56
MEAN	.208	.152	.102	.142	.089	.041	.277	.319	.269	.168	.322	.144	.208
S D	.225	.186	.171	.279	.156	.077	.382	.532	.375	.228	.286	.280	.225
TOTAL OBS	787	734	822	810	836	810	827	827	810	804	780	822	787

NOTE * (BASED ON 4 FULL MONTHS)

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

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42			* .00	TRACE	.00	.00	TRACE	1.65	.00	.10	.00	.04	
43	.92	.10	.45	.84	TRACE	.00	TRACE	.03	.26	.02	TRACE	1.36	2.98
44	.42	.98	.03	TRACE	.20	TRACE	TRACE	.00	.00				
49	*TRACE	*TRACE	.06	TRACE	.03	.03	.30	.30	.07	TRACE	.08	.08	* .95
50	TRACE	.12	.02	TRACE	.00	TRACE	.75	.11	.90	TRACE	TRACE	.01	1.94
51	.40	.01	.08	.22	.09	.00	.31	1.20	.94	.17	.22	.18	3.82
52	.46	TRACE	1.81	.95	TRACE	.02	.62	.09	.69	.00	.41	.56	5.61
53	TRACE	.00	.01	TRACE	TRACE	TRACE	.27	TRACE	.00	.28	.02	TRACE	.59
54	.56	.02	.62	.06	TRACE	TRACE	.51	TRACE	1.40	.04	.76	.25	4.22
55	1.43	.17	TRACE	TRACE	.01	.23	.30	.75	.00	.03	TRACE	.07	2.99
56	.23	.22	.00	.04	TRACE	.00	.56	.00	.00	.16	.00	.00	1.21
57	.41	.07	TRACE	.70	.22	.10	1.15	2.10	TRACE	.24	.49	.04	5.52
58	.59	.96	.39	.94	.32	.00	TRACE	.07	.20	.61	1.40	.00	4.88
59	.12	.68	TRACE	TRACE	TRACE	TRACE	.12	.39	.36	.06	1.11	1.59	4.43
60	.65	.31	.04	.11	.02	.06	TRACE	TRACE	.25	.77	1.58	.41	4.20
61	.24	TRACE	.17	.08	TRACE	.00	.60	1.84	.02	.26	.09	.44	3.74
62	.03	.49	.02	.00	TRACE	TRACE	.01	TRACE	.12	.52	.00	.21	1.40
63	.19	.46	.21	.16	TRACE	.38	.00	.07	1.29	.66	.41	TRACE	3.83
64	TRACE	TRACE	.04	.11	.18	TRACE	.28	TRACE	TRACE	TRACE	.13	.01	.75
65	TRACE	.29	.58	3.26	.94	.01	.07	.39	.09	.02	2.41	1.50	9.64
66	.01	.14	TRACE	.20	.04	TRACE	.70	.02	1.36	.10	.23	.32	3.18
67	.48	TRACE	TRACE	.05	.07	.14	.21	.13	.85	.00	1.32	.20	3.48
68	TRACE	.28	.11	.06	.02	.05	.05	.03	.01	.24	.10	.03	.98
69	1.27	.80	.41	TRACE	.60	.05	.77	.11	.02	.18	.03	TRACE	4.34
70	TRACE	.91	.42	.04	.00	TRACE	.10	.78	.00	.01	.13	.11	2.52
71	TRACE	.12	.02	TRACE*	.71	TRACE	TRACE	.06	.00	.05	.22	.48	* 1.68
72	.00	.00	TRACE	.07	.04	.15	1.56	.40	.28	1.26	.90	.18	4.84
MEAN	.327	.275	.203	.274	.129	.045	.343	.391	.337	.222	.465	.310	3.388
S. D.	.409	.329	.375	.669	.243	.088	.398	.608	.468	.307	.628	.463	2.024
TOTAL OBS.	787	734	822	810	836	810	837	837	810	804	780	806	9675

NOTE * (BASED ON 1/2 FULL MONTHS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	.02-.05	06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4	6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120				
JAN	98.1	1.5	.3	.1										.4	730	.9	.9	.0
FEB	99.1	.6	.1		.1									.3	678	.1	2.2	.0
MAR	99.1	.9													744	TRACE	TRACE	.0
APR	99.9	.1													720	TRACE	TRACE	.0
MAY	100.0														743	.0	.0	.0
JUN	100.0														720	.0	.0	.0
JUL	100.0														744	.0	.0	.0
AUG	100.0														744	.0	.0	.0
SEP	100.0														720	.0	.0	.0
OCT	99.9	.1													744	TRACE	TRACE	.0
NOV	99.0	1.0													720	TRACE	TRACE	.0
DEC	98.3	1.6		.1										.1	744	.1	1.2	.0
ANNUAL	99.4	.5	.0	.0	.0									.1	8751	.3		

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

EXTREME VALUES SNOWFALL

(FROM DAILY OBSERVATIONS)

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
49	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.0	TRACE
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
66	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	TRACE	TRACE	TRACE	.0*	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
72	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
MEAN	.05	.10	TRACE	TRACE	.00	.00	.00	.00	.00	TRACE	TRACE	.05	.05
S. D.	.191	.451	.000	.000	.000	.000	.000	.000	.000	.000	.000	.243	.751
TOTAL OBS.	720	678	744	720	744	720	744	744	720	744	720	744	879

NOTE * (BASED ON 4 FULL MONTHS)

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

XXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23112 STATION NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV.	DEC.	ALL MONTHS
42													
43													
44													
49	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
51	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.0	TRACE
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
56	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
57	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
60	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
66	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
69	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.00
71	TRACE	TRACE	TRACE	.0*	.0	.0	.0	.0	.0	.0	TRACE	TRACE	*TRACE
72	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
MEAN	.05	.10	TRACE	TRACE	.00	.00	.00	.00	.00	TRACE	TRACE	.05	.21
S. D.	.198	.451	.000	.000	.000	.000	.000	.000	.000	.000	.000	.245	.545
TOTAL OBS.	730	678	744	720	743	720	744	744	720	744	720	744	8751

NOTE * (BASED ON 4 FULL MONTHS)

2 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

STATION

STATION NAME

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	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	25.5-30.4	OVER 30.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														792			
FEB	100.0														735			
MAR	99.9	.1													826			
APR	100.0														810			
MAY	100.0														836			
JUN	100.0														810			
JUL	100.0														837			
AUG	100.0														837			
SEP	100.0														810			
OCT	100.0														806			
NOV	100.0														780			
DEC	99.9	.1												.1	806			
ANNUAL	100.0	.0	.0											.0	9685			

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

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

23112 STATION NELLIS AFB NEVADA/LAS VEGAS 42-44, 49-72 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42			* 0	0	0	0	0	0	0	0	0	0	0
43		0	0	0	0	0	0	0	0	0	0	0	0
44		0	TRACE	0	0	0	0	0	0	0	0	0	0
49	*	0	0	0	0	0	0	0	0	0	0	0	0
50		0	0	0	0	0	0	0	0	0	0	0	0
51		0	0	0	0	0	0	0	0	0	0	0	0
52		0	0	0	0	0	0	0	0	0	0	0	0
53		0	0	0	0	0	0	0	0	0	0	0	0
54		0	0	0	0	0	0	0	0	0	0	0	0
55		0	0	0	0	0	0	0	0	0	0	0	0
56		0	0	0	0	0	0	0	0	0	0	0	0
57		0	0	0	0	0	0	0	0	0	0	0	0
58		0	0	0	0	0	0	0	0	0	0	0	0
59		0	0	0	0	0	0	0	0	0	0	0	0
60		0	0	0	0	0	0	0	0	0	0	0	0
61		0	0	0	0	0	0	0	0	0	0	0	0
62		0	0	0	0	0	0	0	0	0	0	0	0
63		0	0	0	0	0	0	0	0	0	0	0	0
64		0	0	0	0	0	0	0	0	0	0	0	0
65		0	0	0	0	0	0	0	0	0	0	0	0
66		0	0	0	0	0	0	0	0	0	0	0	0
67		0	0	0	0	0	0	0	0	0	0	0	0
68		0	0	0	0	0	0	0	0	0	0	0	0
69		0	0	0	0	0	0	0	0	0	0	0	0
70		0	0	0	0	0	0	0	0	0	0	0	0
71		0	0	0	0*	0	0	0	0	0	0	0	0
72		0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.196	.000
TOTAL OBS.	792	735	828	810	836	810	827	837	810	806	780	806	9653

NOTE * (BASED ON 4 FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

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

EXTREME VALUES SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23112 NELLIS AFB NEVADA/LAS VEGAS 42-44, 49-51, 59-72
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB. ✓	MAR.	APR. ✓	MAY ✓	JUN.	JUL	AUG.	SEP. ✓	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
49		S 35	SESE*34N	29	S *12		WNW 29S	35SSW 39SW	35NW 45				45
50	WSW 51NW	39SW	49SW	43SW	49SW	48SE	42SW	43SW	43SSW	40NE	42NSW	31	WSW 51
51	S 44S	36NW	49W	47SW	44SSE	34WSW	567	63NE	36SW	33NE	*40		63
59										WNW 45E	38WNW	49	
60	NW 28WNW	51NW	44SSW	41NNE	42WNW	44SE	36E	45SE	39N	45SSW	38NW	38	WNW 51
61	NNE 21NW	51WNW	50SW	44WNW	38SSW	32NW	40WNW	34S	37WNW	39SSE	38N	34	NW 51
62	NNE 42SSE	32WNW	52WNW	44SSW	39NNE	40SW	39WSW	34WNW	45SSW	40WNW	35NW	29	WNW 52
63	SE 41S	37SSW	44SSE	42NW	44SSW	41SSW	40SE	32WSW	36SSW	37NNE	35SW	35	SE 53
64	SW 37WNW	51WNW	49WNW	42SW	42SSW	39SE	36SSE	38N	39SSE	32W	44NE	38	SSW 59
65	NW 34WNW	43NNE	34SSW	38WNW	48S	39S	29S	37N	38S	32S	34SW	38	NW 54
66	W *47NE	*25ENE	42NNE	48SSE	42WSW	38S	34S	33SE	51WNW	40S	34S	41	S 54
67	NW 40SSW	53W	42S	44S	41W	44SSE	37SW	49NNE	39NNE	43W	31NNE	44	SSW 53
68	SSW 33NNE	32WNW	41WNW	46SSW	36SW	3720/	3724/	37 6/	3821/	34 2/	3722/	44	NNW 46
69	22/ 3917/	4230/	4826/	5319/	3419/	43 5/	4013/	4319/	3436/	4531/	3435/	37	20/ 53
70	30/ 4319/	3936/	4722/	5221/	4019/	4217/	43 3/	5019/	5231/	3917/	3721/	38	22/ 52
71	19/ 4829/	4830/	4824/	4720/	5821/	45 2/	4835/	4729/	4619/	4021/	3422/	40	20/ 58
72	3/ 46 3/	3422/	3531/	4229/	4323/	32 2/	51 6/	4931/	29 4/	4032/	3032/	42	2/ 51
MEAN	40.8	40.6	44.0	43.5	42.7	39.4	41.9	42.9	39.3	39.1	36.3	38.9	42.7
S D.	8.629	8.074	5.177	5.495	5.815	9.898	7.415	8.808	6.374	4.241	3.721	5.247	9.148
TOTAL OBS	456	473	486	477	458	447	460	494	476	526	500	493	3706

NOTES * (BASED ON < FULL MONTHS)

& (BASED ON < FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 7-88-5 (OII)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	.7	.5	.2	.1	.0	.0				3.8	7.0
NNE	1.0	1.3	.8	.9	.5	.2	.0	.0	.0	.0		4.7	8.9
NE	1.8	2.7	2.4	1.6	.4	.1	.0	.0	.0	.0		8.8	7.7
ENE	.9	1.4	1.4	.5	.1	.0	.0	.0				4.3	6.8
E	1.4	1.9	1.6	.4	.1	.0	.0					5.3	6.2
ESE	.6	.8	.7	.3	.1	.0	.0	.0				2.6	6.7
SE	.8	1.1	1.0	.6	.2	.0	.0	.0	.0			3.7	7.6
SSE	.4	.6	.7	.8	.3	.1	.0	.0	.0			2.9	10.1
S	1.3	2.3	2.9	2.8	1.0	.3	.0	.0				10.7	9.8
SSW	1.1	1.5	1.4	1.6	.8	.4	.0	.0	.0			6.7	10.1
SW	1.2	1.6	1.2	1.2	.5	.2	.0	.0	.0			5.9	8.8
WSW	.5	.5	.2	.3	.1	.0	.0	.0				1.7	7.1
W	.9	.9	.4	.3	.1	.1	.0	.0	.0			2.7	6.7
WNW	.6	.5	.2	.3	.2	.1	.0	.0				2.1	9.0
NW	.8	.8	.4	.4	.2	.1	.0	.0				2.7	7.5
NNW	.4	.4	.2	.1	.0	.0	.0	.0				1.2	6.1
VARBL													
CALM												30.1	
	14.8	19.5	16.3	12.7	4.7	1.6	.2	.0	.0	.0		100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 230638

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
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 - 53	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	.7	.6	.2	.0	.0					4.3	7.0
NNE	1.2	1.6	1.0	1.1	.6	.3	.0					5.9	9.3
NE	2.2	3.4	3.6	2.4	.4	.1						12.0	7.8
ENE	1.2	1.7	2.0	.8	.1							5.7	6.9
E	1.6	1.8	1.4	.3	.0	.0						5.1	3.6
ESE	.7	.5	.3	.2	.0							1.6	5.3
SE	.8	.7	.4	.4	.2	.1	.0	.0				2.5	7.8
SSE	.4	.3	.2	.3	.3	.1	.0	.0	.0			1.9	11.3
S	1.1	1.1	1.0	1.4	1.0	.3	.1	.0				6.0	10.5
SSW	.9	.8	.4	.4	.3	.1	.0	.0	.0			3.0	8.3
SW	1.1	1.1	.3	.3	.2	.2	.0					3.2	7.1
WSW	.5	.4	.1	.1	.0	.0	.0					1.2	5.3
W	1.0	.8	.3	.2	.1	.0						2.4	5.3
WNW	.8	.6	.2	.2	.2	.1	.0	.0				2.2	7.3
NW	1.0	1.0	.4	.3	.1	.1						2.9	6.4
NNW	.5	.5	.2	.1	.0	.0	.0					1.4	5.6
VARBL													
CALM												38.7	
	16.2	17.8	12.5	9.5	3.8	1.4	.2	.1	.0			100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 18959

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS APB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	1.0	.8	.3	.1	.0	.0				4.9	8.1
NNE	1.1	1.7	1.2	1.6	.8	.3	.0	.0				6.7	9.9
NE	2.0	3.5	3.7	2.3	.6	.1	.0	.0				12.3	8.1
ENE	.9	1.8	2.1	.7	.1	.0						5.6	7.1
E	1.4	2.0	1.7	.3	.0	.0						5.6	6.1
ESE	.6	.9	.6	.2	.0	.0	.0					2.3	6.0
SE	.8	.7	.3	.4	.2	.0						2.6	7.4
SSE	.4	.4	.3	.3	.2	.2	.0					2.1	10.5
S	1.0	1.1	1.4	1.8	.8	.3	.0	.0				6.4	10.3
SSW	.9	.8	.6	.7	.4	.2	.0					3.5	9.0
SW	1.0	1.0	.4	.4	.2	.1	.0	.0				3.1	7.2
WSW	.3	.3	.1	.1	.0	.0	.0					1.1	6.5
W	.9	.7	.3	.4	.2	.1	.0	.0				2.7	7.5
WNW	.6	.3	.3	.3	.4	.2	.0					2.5	10.6
NW	1.0	.8	.4	.4	.3	.1	.0					3.1	7.4
NNW	.6	.6	.2	.2	.1	.0	.0					1.8	6.8
VARBL													
CALM												33.7	
	14.8	18.3	15.0	11.6	4.6	1.8	.2	.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 17443

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
MOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	1.1	.9	.4	.2	.0	.0				5.0	8.6
NNE	.9	1.3	1.0	1.6	.8	.4	.1					6.3	10.7
NE	1.8	3.2	2.9	2.1	.7	.2	.0					10.9	8.4
ENE	.9	1.6	1.7	.7	.1	.0	.0					4.8	7.2
E	1.5	2.1	1.8	.5	.0	.0						5.7	6.2
ESE	.7	.9	.6	.2	.0							2.6	5.9
SE	.9	1.0	.6	.4	.1	.0						3.0	6.5
SSE	.4	.4	.5	.8	.4	.2	.0	.0				2.7	11.1
S	1.1	1.8	2.5	2.8	1.3	.4	.0	.0				10.0	10.6
SSW	.8	1.1	1.1	1.5	.9	.5	.1	.0				6.0	11.7
SW	.9	1.3	.9	1.0	.5	.2	.1					4.9	9.5
WSW	.4	.4	.2	.2	.2	.1	.0					1.5	8.3
W	.7	.7	.4	.7	.4	.2	.0					3.2	9.8
WNW	.5	.6	.5	.7	.6	.3	.1	.0				3.2	12.1
NW	.9	.5	.6	.8	.4	.2	.0	.0				3.9	9.4
NNW	.4	.4	.3	.3	.1	.0	.0					1.6	7.8
VARBL													
CALM												24.8	
	13.7	19.2	16.8	15.2	6.9	2.9	.5	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

19721

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.2	.7	.6	.2	.0						3.7	7.3
NNE	.7	1.3	1.0	1.0	.6	.1	.0					4.8	9.5
NE	1.6	2.5	2.1	1.7	.4	.1	.0					8.5	8.0
ENE	.8	1.2	1.5	.8	.2	.0						4.4	7.8
E	1.3	1.9	1.7	.5	.1	.0						5.4	6.3
ESE	.7	.9	.9	.4	.1							3.0	6.7
SE	.8	1.3	1.1	.6	.2	.0	.0					4.1	7.4
SSE	.4	.7	.7	.8	.3	.1	.0					3.0	9.8
S	1.2	2.3	3.2	3.5	1.6	.6	.1	.0				12.6	11.0
SSW	.9	1.3	1.7	2.5	1.6	1.0	.1	.0				9.2	12.7
SW	1.0	1.4	1.6	1.9	1.1	.5	.1	.0				7.6	11.1
WSW	.4	.5	.5	.4	.1	.1	.0	.0				2.1	8.8
W	.8	.8	.7	.6	.4	.1	.0	.0	.0			3.5	8.9
WNW	.5	.5	.4	.7	.5	.2	.0	.0				3.0	11.7
NW	.7	.8	.6	.9	.5	.2	.0	.0				3.5	10.0
NNW	.5	.4	.2	.2	.0	.0		.0				1.3	6.3
VARBL													
CALM												20.4	
	13.1	19.1	18.7	17.1	7.8	3.3	.4	.1	.0			100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

19296

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.3	.7	.4	.1	.0		.0				3.3	6.6
NNW	.8	1.0	.6	.8	.5	.2	.0		.0	.0		3.8	9.2
NE	1.6	2.2	1.8	1.2	.6	.1	.0		.0			7.5	8.1
ENE	.8	1.2	1.0	.5	.0							3.5	6.7
E	1.2	1.7	1.6	.6	.1	.0						5.2	6.5
ESE	.6	.9	.7	.2	.1	.0						2.5	6.4
SE	.9	1.3	1.3	.7	.2	.0						4.4	7.6
SSE	.4	.7	.9	1.2	.4	.1	.0	.0				3.8	10.5
S	1.3	2.7	4.8	4.8	1.7	.5	.0	.0				15.9	10.6
SSW	1.0	2.0	2.2	2.9	1.6	.8	.1	.0				10.8	11.6
SW	1.1	2.2	2.0	2.1	1.0	.4	.0	.0				8.9	10.1
WSW	.4	.6	.6	.5	.2	.1	.0					2.3	8.8
W	.9	1.0	.6	.5	.2	.0	.0					3.0	7.0
WNW	.5	.4	.2	.4	.3	.1	.0					2.0	9.7
NW	.6	.7	.3	.4	.2	.0	.0					2.2	7.8
NNW	.3	.4	.2	.1	.0	.0						1.1	6.7
VARBL													
CALM												19.5	
	13.2	20.2	19.8	17.4	7.2	2.8	.2	.0	.0	.0		100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

19956

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112 STATION NELLIS AFB NEVADA/LAS VEGAS 42-44,49-72 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	.7	1.0	.4	.2	.1	.0						2.5	6.2
NNE	.8	.9	.5	.5	.2	.0	.0	.0				3.0	7.6
NE	1.2	1.8	1.2	.9	.2	.1	.0					5.4	7.5
ENE	.7	.9	1.0	.3	.1	.0						2.9	6.8
E	1.1	1.6	1.4	.5	.1	.0						4.7	6.6
ESE	.5	.8	.7	.4	.1	.0						2.4	7.3
SE	.8	1.4	1.5	.9	.3	.1	.0		.0			4.9	8.2
SSE	.4	.8	1.2	1.4	.5	.1						4.4	10.3
S	1.4	3.7	5.5	5.1	1.6	.5	.1					17.9	10.1
SSW	1.2	2.1	2.7	3.0	1.6	.6	.1	.0				11.3	11.0
SW	1.2	2.4	2.4	2.3	1.2	.5	.0	.0	.0			10.0	10.2
WSW	.4	.7	.5	.4	.2	.0	.0	.0				2.3	8.1
W	.8	.8	.5	.3	.1	.0						2.6	6.5
WNW	.5	.4	.3	.3	.2	.1	.0					1.8	8.5
NW	.5	.8	.3	.3	.1	.0	.0					2.0	7.0
NNW	.3	.4	.1	.0	.0	.0						.9	5.3
VARBL													
CALM												20.9	
	12.6	20.6	20.3	16.8	6.5	2.0	.3	.0	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 19043

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	.9	1.0	.3	.1	.0	.0	.0					2.3	5.3
NNE	.8	.9	.4	.2	.1	.0	.0					2.4	6.1
NE	1.4	1.8	1.3	.6	.1	.1	.0			.0		3.4	6.7
ENE	.7	1.0	1.1	.3	.0	.0	.0	.0				3.2	6.5
E	1.0	1.8	1.9	.7	.1	.0	.0					3.5	7.2
ESE	.6	1.0	1.4	.7	.1	.0		.0				3.8	8.1
SE	.8	1.7	2.1	1.6	.3	.1	.0					6.5	8.8
SSE	.4	1.0	1.4	1.5	.4	.1	.0					4.7	9.8
S	1.6	3.8	5.3	3.7	.7	.1	.0					15.2	8.7
SSW	1.1	2.4	2.5	2.1	.6	.1	.0					8.8	8.8
SW	1.3	2.5	2.7	2.2	.5	.1	.0					9.3	8.6
WSW	.5	1.0	.6	.5	.1	.0						2.7	7.3
W	.8	1.1	.6	.3	.0	.0						2.7	5.9
WNW	.5	.5	.1	.1	.0	.0		.0				1.3	5.5
NW	.7	.5	.2	.2	.1	.0	.0					1.7	5.9
NNW	.3	.3	.1	.0	.0	.0	.0					.7	5.0
VARBL													
CALM												23.9	
	13.4	22.1	21.8	14.7	3.2	.7	.2	.0		.0		100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 19645

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 23112 STATION NAME NELLIS AFB NEVADA/LAS VEGAS YEARS 42-44, 49-72 MONTH AUG
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION _____

SPEED (KNTS) DIR.	1 - 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	1.2	.3	.1	.0	.0	.0					2.7	9.0
NNE	.9	.9	.3	.2	.1	.0	.0	.0				2.3	5.9
NE	1.4	2.3	1.6	.8	.1	.0	.0	.0				6.2	6.7
ENE	.7	1.1	1.1	.3	.0	.0	.0					3.3	6.6
E	1.2	2.1	1.9	.7	.1	.0						6.1	6.6
ESE	.6	1.3	1.4	.9	.2	.0	.0					7.5	8.1
SE	.9	1.6	2.0	1.3	.3	.1	.0					6.3	8.5
SSE	.4	1.0	1.2	1.3	.6	.1	.0					4.7	10.4
S	1.6	3.8	4.5	3.3	.9	.1	.0					14.3	8.8
SSW	1.2	2.3	2.0	2.0	.6	.1	.0					8.3	8.6
SW	1.4	2.3	1.8	1.4	.5	.1	.0					7.4	8.0
WSW	.6	.7	.4	.3	.1	.0						2.1	6.6
W	.9	1.0	.4	.1	.0	.0		.0				2.3	5.2
WNW	.6	.5	.1	.1	.0	.0						1.3	5.1
NW	.7	.7	.2	.1	.0	.0						1.8	4.8
NNW	.4	.3	.1	.0	.0	.0	.0					.6	4.7
VARBL													
CALM												25.3	
	14.6	23.3	19.5	13.1	3.5	.7	.1	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 20025

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.5	.3	.1	.0						3.6	5.4
NNE	1.1	1.6	.7	.7	.3	.1	.0					4.5	7.5
NE	1.9	2.7	2.0	1.4	.3	.1	.0					8.4	7.4
ENE	.9	1.3	1.2	.6	.1	.0	.0					4.2	7.0
E	1.5	2.1	1.7	.4	.1	.0						5.8	6.0
ESE	.7	1.1	1.0	.4	.1	.0		.0				3.3	6.9
SE	1.0	1.4	.9	.5	.2	.0	.0					4.1	6.7
SSE	.6	.6	.5	.7	.2	.0	.0					2.6	8.3
S	1.5	2.8	2.8	2.2	.9	.2	.0					10.4	8.7
SSW	1.2	1.8	1.6	1.6	.6	.3	.0	.0				7.2	9.2
SW	1.5	1.8	1.4	1.2	.4	.1						6.3	7.9
WSW	.5	.7	.4	.2	.1							1.9	6.4
W	1.0	1.0	.4	.2	.1	.0						2.6	5.7
WNW	.6	.5	.2	.2	.1	.0	.0	.0				1.7	7.5
NW	.8	.7	.2	.1	.1	.0	.0	.0				2.0	5.6
NNW	.5	.4	.1	.1	.0							1.0	4.6
VARBL													
CALM												30.2	
	16.7	22.1	15.5	11.0	3.3	.9	.1	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 19389

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43, 49-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	.7	.6	.2	.1	.0					4.2	7.4
NNE	1.1	1.5	1.0	1.3	.5	.1	.0	.0				5.5	8.9
NE	2.0	2.9	2.3	1.7	.5	.1	.0					9.5	7.6
ENE	1.0	1.5	1.4	.4	.0							4.3	6.4
E	1.4	1.8	1.4	.3	.0							4.9	5.7
ESE	.6	.9	.6	.2	.0							2.4	6.0
SE	.8	.8	.6	.2	.1	.0						2.5	6.0
SSE	.4	.5	.4	.2	.2	.1	.0					2.0	9.2
S	1.3	1.7	1.7	1.8	.7	.2	.0					7.4	9.3
SSW	1.3	1.0	.8	1.0	.6	.2	.0	.0				4.9	9.2
SW	1.3	1.5	.7	.5	.2	.1	.0					4.2	6.9
WSW	.7	.5	.2	.1	.1	.0						1.5	5.3
W	1.0	.8	.4	.2	.1	.1	.0					2.5	6.2
WNW	.7	.5	.2	.3	.2	.1	.0					1.9	8.0
NW	.8	.8	.3	.3	.1	.1	.0	.0				2.4	6.7
NNW	.5	.4	.2	.1	.0	.0						1.2	4.9
VARBL													
CALM												38.7	
	16.0	18.5	12.7	9.4	3.3	1.1	.2	.0				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

19208

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

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	1.1	1.4	.8	.6	.3	.1	.0	.0				4.3	7.7
NNE	1.3	1.5	.9	1.2	.6	.3	.0	.0				5.7	9.2
NE	1.9	3.2	2.8	1.9	.4	.1						10.3	7.8
ENE	1.2	1.6	1.3	.5	.0	.0						4.7	6.3
E	1.6	1.9	1.2	.3	.1	.0						5.1	5.5
ESE	.6	.6	.2	.1								1.5	4.8
SE	.9	.6	.3	.2	.0	.0						2.0	5.7
SSE	.5	.4	.2	.4	.2	.1	.0					1.8	9.1
S	1.4	1.3	1.0	1.4	.5	.2	.0	.0				5.8	9.1
SSW	1.1	.8	.4	.5	.4	.2	.0	.0				3.5	8.4
SW	1.2	.8	.3	.2	.1	.0	.0					2.7	5.9
WSW	.6	.4	.1	.0	.0	.0						1.2	4.3
W	1.2	.8	.2	.1	.1	.0	.0					2.5	5.5
WNW	.8	.5	.2	.2	.2	.1	.0	.0				2.0	7.4
NW	.9	.8	.4	.3	.2	.0	.0					2.6	6.7
NNW	.5	.4	.2	.1	.0	.0	.0					1.2	5.8
VARBL													
CALM												43.1	
	16.8	16.8	10.6	8.1	3.2	1.2	.1	.1				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 18647

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 NELLIS AFB NEVADA/LAS VEGAS 42-43, 49-72 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.6	.8	.8	.3	.1						5.0	7.0
NNE	1.2	1.5	1.1	1.0	.5	.2	.0					5.5	8.5
NE	2.1	2.9	3.2	1.7	.2	.0						10.3	7.3
ENE	1.0	1.6	1.9	.5	.0	.0						5.0	6.6
E	1.5	1.7	1.2	.1	.0							4.5	5.2
ESE	.6	.3	.2	.1	.0							1.2	5.0
SE	.8	.5	.2	.2	.0	.0	.0					1.7	5.7
SSE	.4	.2	.2	.3	.2	.1	.0					1.4	9.7
S	1.2	1.0	.8	1.3	.7	.3	.0					5.3	9.8
SSW	1.2	.9	.4	.5	.3	.2	.0					3.4	7.8
SW	1.1	.9	.2	.2	.1	.1	.0	.0				2.6	6.0
WSW	.5	.3	.1	.1	.0	.0	.0					1.0	5.5
W	1.1	.7	.2	.2	.1	.0	.0					2.2	5.5
WNW	.9	.5	.2	.3	.2	.1	.0	.0				2.2	8.1
NW	1.2	1.0	.5	.6	.3	.2	.0	.0				3.7	8.1
NNW	.5	.5	.2	.2	.1	.0						1.5	7.0
VARBL													
CALM												43.3	
	16.6	16.2	11.5	8.0	3.1	1.2	.2	.0				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 19246

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44,49-72
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	1.8	1.2	.5	.0							4.8	6.1
NNE	1.1	1.3	1.3	.6	.3	.1						4.8	7.8
NE	3.1	3.2	2.7	1.3	.2	.1						10.6	6.5
ENE	1.0	1.0	1.4	.4	.1							4.0	6.9
E	2.1	1.7	1.1	.1		.0						5.0	4.9
ESE	.7	.3	.1									1.1	3.4
SE	.7	.5	.3	.1	.2							1.8	5.2
SSE	.2	.3	.3	.7	.4	.3						2.1	12.8
S	1.3	.5	1.1	1.7	.9	.3	.0					5.8	10.8
SSW	.5	.4	.3	.4	.1	.0	.0					1.7	8.1
SW	1.2	1.2	.4	.3	.1	.0						3.2	5.8
WSW	.5	.4	.1	.0								1.0	4.2
W	1.1	.9	.3	.1	.0	.0						2.5	5.2
WNW	.8	.8	.2	.1	.3	.0	.1					2.3	7.7
NW	1.3	1.1	.2	.3	.1	.3						3.2	6.8
NNW	.6	.5	.2	.2								1.6	5.5
VARBL													
CALM												44.5	
	17.5	15.8	11.3	6.9	2.7	1.2	.2					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2377

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
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	1.3	1.6	.5	.4	.2							4.0	5.8
NNE	2.0	1.4	.7	.4	.6	.3	.1					5.4	7.9
NE	2.8	3.0	2.6	1.2	.3	.0						10.0	6.6
ENE	1.0	1.3	1.1	.4	.0							3.8	6.5
E	1.5	1.8	.9	.1								4.3	5.1
ESE	.6	.3	.2									1.1	4.0
SE	1.0	.6	.1	.2	.0							1.9	5.2
SSE	.3	.4	.1	.6	.4	.1	.0		.0			2.1	12.3
S	1.0	.8	.9	1.8	1.1	.1	.0					5.8	11.1
SSW	.7	.8	.1	.3	.1	.2						2.1	7.1
SW	1.1	1.0	.2	.0	.1		.0					2.4	5.0
WSW	.4	.4		.0	.0							.9	4.3
W	1.5	1.0	.2	.0	.1							2.9	4.4
WNW	1.0	.9	.2	.1	.2	.1						2.5	6.4
NW	1.4	1.4	.5	.1	.2	.2						3.8	6.2
NNW	.7	.3	.1	.1	.2	.0						1.6	6.6
VARBL													
CALM												43.5	
	18.3	17.2	6.3	5.9	3.6	1.0	.2		.0			100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2381

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44,49-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	.3	.2	.1	.0						3.6	5.3
NNE	1.1	1.0	.5	.4	.5	.4						3.9	9.1
NE	2.5	2.6	1.9	1.6	.3							8.9	6.8
ENE	1.5	1.4	1.0	.5								4.3	5.7
E	2.3	1.6	1.1	.1								5.2	4.8
ESE	.9	.3	.2	.0								1.5	4.0
SE	.7	.5	.2	.2	.2	.1						1.9	7.2
SSE	.5	.3	.2	.4	.4	.1		.0				2.0	10.7
S	1.0	1.3	.6	1.2	1.0	.4						5.5	10.7
SSW	.6	.5	.4	.5	.5	.1						2.2	7.4
SW	1.2	.7	.3	.3	.2	.0						2.7	5.9
WSW	.8	.3	.0									1.1	3.4
W	1.3	1.0	.1	.1								2.5	4.0
WNW	1.1	.8	.2	.1	.1							2.3	5.2
NW	1.7	1.5	.5	.1	.1							4.1	4.7
NNW	.7	.5	.3	.1								1.7	4.9
VARBL													
CALM												46.8	
	19.4	16.1	7.9	5.8	2.7	1.2		.0				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2368

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
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	.6	.3	.5	.4	.3	.1						2.2	9.5
NNE	.8	.3	.5	1.4	.9	.6	.0					4.6	13.3
NE	1.1	1.3	2.4	2.6	.3	.2						7.7	9.6
ENE	1.1	.5	1.4	1.2	.1							4.2	8.0
E	1.9	1.1	1.1	.4								4.4	5.3
ESE	.6	.5	.3	.2	.0							1.6	5.9
SE	.9	.7	.3	.6	.2	.1						2.8	7.8
SSE	.4	.7	.0	.5	.2	.2	.0					2.1	10.3
S	1.9	2.2	.6	1.0	1.0	.3	.1					7.1	8.8
SSW	1.9	1.4	.5	.6	.4	.3	.1	.0				5.1	8.0
SW	2.3	1.5	.2	.4	.1	.1						4.6	5.1
WSW	1.0	.8	.0	.0	.0							1.9	4.2
W	1.1	.8	.4	.1	.1							2.4	5.3
WNW	.8	.3	.3	.2	.2	.0						1.8	6.9
NW	.5	.5	.1	.5	.0	.0						1.7	7.8
NNW	.2	.3	.1	.0								.6	5.3
VARBL													
CALM												45.0	
	16.9	13.1	8.7	10.1	3.8	2.0	.3	.0				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2367

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44,49-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.6	.4	1.0	.4	.1	.0					3.1	10.8
NNE	.3	.6	1.0	2.1	1.3	.5						5.7	13.4
NE	1.0	2.0	4.8	4.6	.9	.3						13.6	10.2
ENE	.5	1.8	2.4	1.9	.1							6.7	8.4
E	1.6	2.3	2.5	.3								6.6	6.1
ESE	1.1	.9	.5	.6	.1							3.1	6.4
SE	1.0	1.4	.8	.8	.3	.0						4.2	7.7
SSE	.9	.3	.3	.6	.2	.0						1.9	9.1
S	1.4	1.2	.8	1.1	1.0	.5	.1	.0				6.1	10.8
SSW	1.4	1.0	.5	.5	.7	.2	.1					4.4	9.2
SW	1.0	1.1	.3	.7	.4	.3	.1					4.0	9.6
WSW	.5	.2	.2	.0	.1	.1	.0					1.1	8.7
W	.9	.7	.2	.5	.1							2.4	6.8
WNW	1.0	.7	.1	.3	.5							2.6	7.6
NW	1.0	.3	.4	.5	.1							2.0	6.9
NNW	.5	.2	.1		.0							.8	4.6
VARBL													
CALM												31.5	
	14.0	15.1	15.2	15.5	6.3	2.0	.4	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

2376

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44,49-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	1.0	1.3	.4							3.8	10.1
NNE	.2	1.1	1.5	2.2	.9	.1						6.1	11.4
NE	1.1	4.6	6.6	4.3	.5	.1						17.3	8.8
ENE	1.4	3.5	3.8	1.0								9.8	6.7
E	1.4	3.0	2.1	.5	.1	.0						7.0	6.4
ESE	.4	1.1	.4	.3	.0							2.2	6.0
SE	.6	1.1	.7	.5	.5	.0	.0					3.5	8.7
SSE	.4	.4	.3	.5	.3		.0					1.9	10.3
S	1.1	1.0	1.1	1.2	.6	.2	.0					5.3	9.7
SSW	1.4	.8	.7	.5	.6	.2	.0	.0	.0			4.5	9.3
SW	1.4	1.1	.5	.6	.5	.2						4.3	8.4
WSW	.5	.5	.1	.2	.1	.1						1.6	7.4
W	1.2	.8	.3	.5	.1							2.8	6.2
WNW	.7	.4	.4	.4	.2	.1		.0				2.3	9.0
NW	.5	.5	.3	.3	.1	.0						1.7	7.3
NNW	.3	.3	.2	.1								.9	6.0
VARBL													
CALM												24.9	
	12.9	21.1	20.1	14.4	4.9	1.2	.2	.1	.0			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

2369

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.1	1.2	.8	.2							7.2	6.1
NNE	2.5	4.7	1.9	.9	.3	.3						10.5	6.5
NE	3.3	6.2	4.6	1.5	.2							15.8	6.3
ENE	1.6	2.5	2.8	.8	.0							7.8	6.5
E	.9	1.6	1.5	.3	.0							4.3	6.3
ESE	.5	.5	.3	.2								1.4	5.6
SE	.7	.3	.4	.6	.1	.1	.0	.0				2.3	9.6
SSE	.2	.3	.2	.6	.3	.2	.0					1.5	13.3
S	.3	1.1	1.5	1.4	1.1	.2	.1	.1				5.6	12.0
SSW	.3	.6	.2	.3	.1	.0						1.6	8.4
SW	.3	.9	.3	.3	.3	.3						2.3	9.6
WSW	.2	.2	.0	.1	.0	.0						.6	7.6
W	.4	.7	.5	.2								1.7	6.1
WNW	.7	.4	.3	.4	.2	.0	.0					2.1	8.2
NW	.8	1.4	.7	.2	.1	.1						3.3	6.2
NNW	.6	.9	.2	.3			.0					2.0	6.4
VARBL													
CALM												29.8	
	15.0	25.3	16.8	8.6	2.9	1.3	.3	.1				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2359

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
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	1.4	2.7	.8	.6	.2							5.7	6.1
NNE	1.4	2.3	.7	.9	.4	.1	.0					5.9	7.3
NE	2.5	4.1	3.4	1.8	.3	.1						12.4	7.2
ENE	1.4	1.4	1.9	.8	.1							5.5	6.6
E	1.2	1.1	1.0	.3								3.6	5.7
ESE	.6	.2	.1									.8	4.0
SE	.5	.4	.3	.5	.1	.1		.0				1.8	8.9
SSE	.3	.1	.3	.2	.3	.1		.0				1.3	12.3
S	1.3	1.0	1.5	1.9	1.0	.3	.0					6.9	10.4
SSW	.6	.7	.3	.3	.2							2.2	7.3
SW	.6	1.0	.3	.3	.1	.2						2.4	7.8
WSW	.5	.6	.2	.1								1.3	4.9
W	.7	.9	.2	.0	.0							1.9	4.8
WNW	.5	.7	.2	.2	.2	.1						1.9	7.8
NW	1.1	1.1	.3	.5	.1	.1						3.3	6.8
NNW	.7	.6	.2	.2								1.6	5.0
VARBL													
CALM												41.5	
	15.3	18.7	11.6	8.5	3.0	1.1	.1	.1				100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2362

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
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	1.5	2.3	1.3	1.0	.1							6.1	6.6
NNE	1.1	2.0	1.2	.9	.5	.1						6.0	8.1
NE	2.4	3.4	2.9	1.1	.3	.1						10.1	6.8
ENE	.8	1.7	1.7	.7	.1							5.0	7.2
E	1.2	1.3	1.4	.1	.0	.0						4.1	6.1
ESE	.4	.6	.3	.0								1.4	5.2
SE	.6	.3	.3	.2	.0							1.5	6.4
SSE	.3	.4	.3	.8	.1	.2	.0					2.1	11.3
S	.8	1.0	1.6	2.1	.9	.2						6.6	10.5
SSW	1.0	.5	.7	.6	.2							3.0	7.3
SW	.5	.8	.3	.3	.1							1.9	6.6
WSW	.5	.3	.2	.1		.0						1.1	6.3
W	1.0	1.0	.3	.2	.1							2.6	5.4
WNW	.7	1.1	.4	.5	.4	.1						3.3	8.5
NW	1.2	1.3	.4	.5	.0	.0						3.5	5.8
NNW	.7	.6	.5	.2		.0						2.2	5.9
VARBL													
CALM												39.6	
	14.8	18.7	12.8	9.3	2.9	.9	.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2182

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44,49-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.4	1.1	.6	.2		.0					5.9	6.4
NNE	1.1	2.3	.9	.3	.6	.0						5.3	7.4
NE	2.7	3.2	2.8	1.1	.2	.0	.0					10.2	6.7
ENE	.9	1.3	1.8	.3								4.4	6.4
E	1.6	1.6	1.1	.2								4.6	5.4
ESE	.6	.4	.1	.0			.0					1.2	5.4
SE	.9	.5	.2	.1	.2	.0						1.9	6.0
SSE	.3	.4	.1	.4	.1	.2	.0					1.5	11.2
S	.7	1.0	1.1	2.1	.6	.3						5.9	10.8
SSW	.9	.5	.5	.4	.1	.0						2.6	6.9
SW	.8	.6	.2	.3	.1	.1						2.2	7.2
WSW	.4	.3	.1	.1								1.0	5.2
W	1.3	.9	.4	.4	.1			.0				3.1	6.4
WNW	.8	.7	.4	.5	.3	.2	.0					2.9	9.3
NW	1.5	1.4	.7	.4	.2		.0					4.2	6.2
NNW	.8	1.0	.2	.1								2.1	4.5
VARBL													
CALM												41.0	
	16.9	18.6	11.9	7.7	2.7	.9	.3	.0				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2182

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
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	1.0	1.3	.7	.4	.1	.1	.1					3.8	7.5
NNE	1.5	1.3	.7	.8	.3	.1						4.8	7.3
NE	2.2	2.9	1.9	1.1	.1	.1						8.3	6.6
ENE	1.3	1.4	1.2	.7								4.6	6.2
E	1.2	1.6	1.0	.3								4.2	5.3
ESE	.5	1.0	.3	.1								1.9	4.8
SE	1.1	.5	.3	.2	.1							2.5	5.6
SSE	.4	.4	.3	.5	.3	.2	.0					2.1	10.9
S	.8	.7	1.1	2.4	.5	.2						5.9	11.0
SSW	.8	.8	.4	.5	.1							2.6	6.6
SW	1.0	1.1	.3	.2								2.5	4.9
WSW	.8	.4	.1	.1								1.4	4.1
W	1.6	.8	.1	.5	.1	.1	.0					3.3	6.4
WNW	.8	.5	.2	.4	.2	.2	.1					2.5	9.6
NW	1.5	.8	.7	.5	.4							3.8	7.2
NNW	.7	.7	.1	.3	.1							2.0	6.0
VARBL													
CALM												43.9	
	17.4	16.4	9.7	8.9	2.4	1.0	.3					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

2183

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44, 49-72
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	.6	.2	.5	1.1	.4	.2						3.0	11.3
NNE	.5	.5	1.2	2.5	1.3	.6	.0					6.7	13.2
NE	.8	1.6	2.5	2.8	1.2	.2						9.1	10.6
ENE	.5	.9	2.0	1.3	.1	.0						4.9	8.7
E	1.1	1.5	1.8	.4								4.9	6.3
ESE	.5	.7	.5	.2								2.0	5.8
SE	1.1	1.0	.4	.3	.3							3.1	6.6
SSE	.9	.5	.5	.4	.3	.1						2.6	8.1
S	1.9	1.6	.5	1.2	1.2	.5		.0				7.0	10.1
SSW	1.8	1.2	.5	.4	.5	.4	.0					4.8	8.2
SW	1.7	1.5	.4	.2	.1	.0		.0				4.0	5.4
WSW	.7	.4	.1	.0								1.3	4.0
W	1.2	.8	.5	.5	.3	.3	.0					3.7	8.6
WNW	.6	.2	.2	.5	.5	.5	.1					2.6	13.2
NW	.8	.4	.1	.4	.2	.2						2.1	8.6
NNW	.5	.4	.1	.3	.1		.0					1.4	7.9
VARBL													
CALM												36.9	
	13.5	13.3	11.7	12.7	6.4	3.1	.3	.1				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2182

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVA/A/LAS VEGAS
STATION NAME

43-44, 49-72
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	.4	.6	.5	.7	.5	.2						2.8	11.0
NNE	.6	.6	1.1	3.4	1.4	.3						7.4	12.8
NE	1.1	2.8	5.0	4.5	1.4	.3						15.1	10.1
ENE	.7	2.0	2.9	1.2	.0	.0						6.9	7.7
E	1.4	3.2	2.9	.9								8.4	6.6
ESE	.7	2.0	1.6	.3	.1							4.6	6.5
SE	1.0	1.4	.8	.5	.2	.1						4.0	7.4
SSE	.3	.6	.4	.6	.3	.0						2.2	9.4
S	1.1	1.2	1.0	.9	1.1	.2						5.6	9.9
SSW	.7	1.0	.3	.9	.8	.3	.0					4.2	11.7
SW	.7	1.2	.5	.6	.4	.3		.0				3.8	9.2
WSW	.4	.1	.1	.3	.0	.1	.0					1.1	10.3
W	.7	.5	.5	.6	.4	.4						3.0	10.4
WNW	.6	.2	.1	.5	.4	.4	.0					2.3	11.9
NW	.8	.4	.3	.3	.5	.1						2.3	9.2
NNW	.2	.4	.1	.2	.4	.1						1.4	10.9
VARBL													
CALM												25.0	
	11.5	18.3	17.9	16.2	7.8	3.0	.1	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2180

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44,49-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.7	.9	.6	.1						2.9	11.9
NNE	.6	1.0	1.4	2.8	1.2	.6	.1					7.6	12.5
NE	.7	4.1	5.5	3.8	.8	.1						15.1	9.2
ENE	.7	2.5	2.8	.7	.0							6.8	7.1
E	1.5	3.6	2.9	1.2	.0							9.2	6.6
ESE	1.2	1.7	1.7	.6	.1							5.3	6.9
SE	.6	.8	.9	.8	.2	.0						3.5	8.6
SSE	.6	.5	.3	.4	.3	.3	.1					2.4	11.2
S	1.1	.9	1.3	1.2	.4	.3	.0					5.3	9.3
SSW	.9	1.0	.8	1.4	.7	.5						5.3	10.7
SW	1.7	.8	.9	1.0	.4	.3						5.1	8.5
WSW	.6	.2	.1	.2	.1							1.2	6.9
W	.5	.5	.6	.5	.3	.1						2.5	9.4
WNW	.3	.5	.2	.9	.3	.1						2.2	11.1
NW	.3	.2	.1	.7	.7	.1	.0					2.2	13.1
NNW	.4	.2	.1	.2	.1							1.1	8.2
VARBL													
CALM												22.4	
	11.9	18.8	20.2	17.3	6.6	2.5	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2171

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44,49-72
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	1.7	3.4	1.4	.9	.2	.2						7.9	7.1
NNE	1.8	3.9	1.9	1.1	.5	.3						9.6	7.9
NE	3.3	6.2	4.5	2.4	.5	.1	.1	.0				17.1	7.1
ENE	1.1	2.4	2.5	.3	.0	.0						6.5	6.4
E	1.7	1.8	1.5	.5								5.4	5.8
ESE	.6	.2	.4	.1								1.2	5.4
SE	.2	.5	.8	.7	.2	.0						2.5	9.6
SSE	.2	.2	.5	.6	.4	.2						2.2	12.6
S	.6	1.3	2.1	2.1	.9	.1	.0					7.1	10.5
SSW	.6	.4	.6	.8	.3	.1						2.7	10.1
SW	.8	.8	.6	.4	.1	.1						2.8	7.4
WSW	.3	.2	.1	.0	.0	.0						.7	7.2
W	.2	.4	.1	.1	.0							.9	6.8
WNW	.2	.5	.5	.5	.5	.1						2.2	11.1
NW	.9	1.1	.8	.2	.1	.1						3.3	6.7
NNW	.6	.5	.3	.4	.0	.0						1.9	7.3
VARBL													
CALM												26.0	
	14.7	23.8	18.6	11.2	3.9	1.7	.2	.0				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

2181

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

43-44,49-72
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	1.1	2.2	1.7	1.1	.4	.1		.0				6.5	8.0
NNE	1.2	2.0	1.2	1.1	.6	.2						6.3	8.5
NE	2.8	3.8	4.4	1.5	.4	.1		.0				13.0	7.2
ENE	1.3	1.9	2.2	.5	.1							6.0	6.6
E	1.4	1.1	1.2	.5	.0							4.3	6.4
ESE	.6	.4	.0			.0						1.1	4.2
SE	.5	.5	.2	.2	.2	.1						1.6	8.4
SSE	.5	.2	.3	.6	.2	.0						2.0	9.6
S	1.0	1.3	2.1	2.4	.7	.4						7.8	10.4
SSW	.7	.9	.8	.3	.4	.1						3.1	8.3
SW	1.0	.8	.4	.2	.1	.0	.0					2.7	6.5
WSW	.3	.2		.2	.0	.1	.0					1.0	9.9
W	.8	1.1	.2	.2		.1						2.4	6.0
WNW	.3	.4	.1	.3	.4	.2						1.7	11.3
NW	1.2	1.1	.4	.3	.0							3.0	5.4
NNW	.6	.8	.4	.2	.0							2.0	5.7
VARBL													
CALM												35.2	
	15.5	18.6	15.8	9.5	3.7	1.6	.1	.1				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

2182

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	1.3	2.0	1.7	1.0	.4	.1						6.6	7.6
NNE	1.5	2.0	1.0	1.0	.5	.4						6.3	8.4
NE	2.1	4.5	2.5	1.3	.3	.2						10.8	7.0
ENE	1.0	1.3	1.5	.6		.1	.0					4.5	7.1
E	1.3	1.3	1.0	.3	.1							4.0	5.9
ESC	.4	.4	.2	.0								1.0	4.8
SE	.4	.4	.3	.2	.1							1.3	6.9
SSE	.3	.2	.3	.3	.1	.2	.0					1.7	11.1
S	.9	1.1	3.2	3.9	1.5	.2						10.8	11.4
SSW	.6	1.0	.9	1.1	.6	.3	.2					4.7	11.2
SW	1.0	1.4	.8	.6	.2	.1	.0					4.2	7.9
WSW	.4	.4	.2	.2	.1	.2						1.4	8.7
W	.5	.8	.6	.6	.2							2.7	8.1
WNW	.9	.4	.4	.7	.4	.2						3.0	9.5
NW	1.3	.8	.8	1.1	.2	.1						4.3	8.2
NNW	.7	.6	.4	.2	.1							2.1	5.9
VARBL													
CALM												30.7	
	14.4	18.7	15.9	13.2	4.8	2.0	.3					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2464

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	1.0	.9	.2	.2	.0	.0				5.6	7.6
NNE	1.4	1.7	.9	.9	.5	.4	.0					5.8	8.8
NE	2.2	2.7	3.0	.7	.3	.1						9.1	6.7
ENE	1.1	1.5	1.4	.2	.0							4.2	5.9
E	1.8	.9	1.1	.3	.0	.0						4.2	5.4
ESE	.9	.3	.1									1.3	3.5
SE	.6	.4	.1	.3	.0	.0						1.5	6.7
SSE	.7	.3	.3	.7	.4	.2						2.4	10.2
S	1.1	1.0	2.2	2.3	1.0	.2	.1					8.0	10.6
SSW	.4	1.0	.9	1.2	.5	.3	.0					4.4	10.4
SW	1.1	1.1	.4	.4	.0	.0						3.1	6.3
WSW	.4	.3	.1	.3		.0						1.1	7.3
W	1.0	1.0	.4	.4	.3	.0	.0					3.2	7.5
WNW	.7	1.1	.2	.6	.4	.3	.0					3.4	9.8
NW	1.3	1.7	.7	.9	.6	.3	.0					5.4	8.7
NNW	.6	.6	.3	.4	.1							2.0	6.9
VARBL													
CALM												35.3	
	16.7	17.4	13.2	10.3	4.4	2.2	.3	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

2461

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.1	.7	.8	.3	.0						3.9	8.0
NNE	.7	1.1	.8	1.2	.8	.5	.1					5.2	11.8
NE	1.9	2.5	1.6	1.5	.5	.2						1.2	7.9
ENE	1.3	1.1	1.4	.2								4.0	5.8
E	1.5	1.4	.9	.2								4.0	5.2
ESE	.8	.5	.1									1.4	3.6
SE	1.1	.7	.3	.0	.1	.0						2.3	5.1
SSE	.4	.3	.5	.9	.2	.2	.0					2.5	11.1
S	1.4	1.7	2.1	1.9	.7	.4						8.2	9.3
SSW	1.0	.8	.6	.8	.6	.3						4.2	9.6
SW	1.5	.8	.5	.5	.2	.2						3.5	6.9
WSW	.7	.5	.1									1.8	3.8
W	1.3	.7	.3	.6	.3	.2	.0					3.4	8.2
WNW	.5	.7	.3	.8	.4	.5	.1	.0				3.4	12.9
NW	1.5	1.3	.8	1.0	.4	.2	.0	.0				5.3	8.6
NNW	.6	.5	.7	.2	.1							2.1	6.3
VARBL													
CALM												36.9	
	17.1	15.8	11.9	10.5	4.7	2.7	.4	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 2472

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.5	.5	.9	1.3	.6	.2	.0					3.9	11.0
NNE	.4	.5	.9	2.8	1.5	.8	.1					7.0	14.5
NE	1.0	1.9	3.9	4.1	1.7	.1	.1					12.9	10.8
ENE	.6	1.1	2.1	1.1	.1							5.1	8.5
E	1.3	2.3	2.3	.3								6.2	6.1
ESE	.9	1.3	.6	.2								3.0	5.4
SE	1.3	1.0	.9	.3	.0	.0						3.6	6.0
SSE	.5	.6	.6	.9	.4	.1		.0				3.1	10.2
S	1.5	1.7	1.3	2.0	1.6	.6	.1	.0				8.8	11.3
SSW	1.1	1.1	.9	.8	.7	.4	.1	.1				5.1	10.5
SW	1.5	1.1	.6	.5	.3	.4	.1					4.6	9.0
WSW	.4	.4	.3	.1	.0							1.3	6.1
W	.6	.4	.4	.7	.4	.2	.0					3.0	10.9
WNW	.2	.2	.3	.5	.8	.6	.2					2.8	16.4
NW	.6	.4	.5	.7	.7	.4		.1				3.4	12.9
NNW	.2	.3	.2	.1	.3	.0						1.1	9.8
VARBL													
CALM												25.0	
	12.7	14.8	16.8	16.7	9.2	3.9	.8	.3				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2467

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	.8	.4	1.2	.9	.5	.1						3.9	9.7
NNE	.8	1.0	.8	2.3	1.3	.4	.1					6.6	12.2
NE	.9	2.4	3.0	3.7	.9	.1						11.0	9.8
ENE	.4	1.7	2.3	1.4	.2							6.1	8.5
E	1.3	3.4	3.2	1.3	.0							9.2	7.0
ESE	1.0	1.0	1.6	.7								5.2	6.6
SE	1.2	2.1	1.0	.6	.0							5.0	6.2
SSE	.5	.6	.6	.6	.5	.1	.0					3.1	10.5
S	1.3	2.1	1.9	2.5	1.5	.3	.2					9.9	10.9
SSW	.9	1.3	1.1	1.7	1.7	1.3	.2	.0				8.1	13.8
SW	.8	1.1	1.0	1.3	1.0	.2	.1					5.6	10.7
WSW	.2	.4	.2	.3	.2	.1						1.4	10.0
W	.3	.3	.6	.8	.6	.6						3.5	12.3
WNW	.3	.4	.6	.7	1.4	.6	.1	.0				4.1	15.2
NW	.6	.4	.0	.6	.7	.2						2.6	12.1
NNW	.2	.2	.2	.1	.1	.0	.0					.9	9.6
VARBL													
CALM												13.7	
	11.6	20.0	19.3	19.7	10.5	4.3	.7	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2466

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.6	.8	.5	.3	.0					2.7	12.9
NNE	.2	.4	1.1	1.9	.7	.2	.1					4.6	12.7
NE	.9	2.6	3.6	2.9	.9	.3	.1					11.3	9.8
ENE	.6	2.1	1.7	1.1	.1							5.6	7.8
E	1.3	3.8	4.1	1.1	.1							10.6	7.5
ESE	.8	1.4	1.7	.9	.2							5.0	7.8
SE	1.2	1.9	1.3	.9	.1	.0						5.4	7.2
SSE	.5	.5	.5	.9	.6	.1	.0	.0				3.1	11.1
S	.8	2.1	2.0	2.2	1.4	.7						9.3	11.0
SSW	1.0	.9	.8	2.8	1.9	1.0	.1					8.5	13.5
SW	.6	1.3	1.9	2.3	1.1	.4	.2					7.6	11.6
WSW	.5	.4	.3	.3	.6	.2						2.2	11.5
W	.5	.8	.6	1.8	1.1	.3						5.0	12.0
WNW	.3	.3	.8	1.1	.9	.2	.0					3.6	13.0
NW	.4	.3	.7	.9	.5	.1	.0					3.1	11.3
NNW	.1	.1	.2	.3	.1	.0						.8	11.0
VARBL													
CALM												11.5	
	10.1	19.3	21.9	22.1	10.7	3.7	.6	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2459

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	1.3	1.1	.2	.2						6.4	7.7
NNE	1.3	3.2	1.2	1.5	.6	.2	.2					8.2	8.8
NE	2.7	5.2	3.3	1.6	.4	.2	.1					13.4	7.1
ENE	.9	2.4	1.1	.3	.1							4.8	6.2
E	.9	2.3	1.1	.1								4.4	5.3
ESE	.6	1.6	.6	.0								2.9	5.1
SE	.6	.9	1.0	.7	.1							3.4	7.6
SSE	.2	.7	.6	1.4	.4	.2						3.5	11.4
S	.9	3.0	3.9	3.4	.9	.1						12.3	9.3
SSW	.4	1.3	1.5	2.0	.7	.5		.0				6.6	11.6
SW	.2	1.3	1.5	1.5	.8	.2						5.5	10.7
WSW	.2	.3	.3	.2	.3	.1	.0					1.5	10.8
W	.5	.7	.5	.6	.2	.1						2.7	9.2
WNW	.4	.7	.6	.6	.2	.1						2.7	9.3
NW	.7	1.3	.7	.5	.1	.1	.1					3.4	7.7
NNW	.3	.6	.2	.4	.2							1.7	8.6
VARBL													
CALM												16.6	
	12.0	28.0	19.6	16.0	5.2	2.1	.4	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2466

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	1.9	1.9	1.4	.8	.6	.2	.0					7.0	7.9
NNE	1.1	2.0	1.2	1.1	.5	.1	.2					6.3	8.8
NE	2.6	3.8	2.4	1.1	.6	.2	.0					10.7	7.2
ENE	1.1	1.3	1.6	.5		.0						4.5	6.6
E	1.2	1.0	.8	.3								3.3	5.7
ESE	.5	.2	.0									.7	3.1
SE	.4	.4	.2	.2								1.2	5.6
SSE	.1	.2	.3	.9	.7	.2						2.4	13.5
S	1.1	1.9	3.5	4.3	1.5	.2						12.6	10.8
SSW	.9	1.2	1.7	1.4	.6	.3	.0					6.0	10.1
SW	.6	1.7	.7	1.1	.4	.2						4.8	9.5
WSW	.5	.6	.2		.1	.0						1.4	5.7
W	.6	.8	.2	.4	.2	.1						2.2	8.2
WNW	.6	.5	.6	.6	.2	.1	.0					2.6	9.1
NW	1.0	1.3	.9	.5	.2	.1	.1					4.0	7.7
NNW	.4	.5	.4	.4	.1	.0	.0					1.9	8.1
VARBL													
CALM												28.5	
	14.6	19.3	16.0	13.5	5.7	2.0	.5					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

2466

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 STATION NELLIS AFB NEVADA/LAS VEGAS 42-44,49-72 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	1.5	1.8	.9	.6	.2	.0						5.0	6.5
NNE	1.3	1.8	.8	.5	.3	.0	.7					4.8	6.9
NE	2.6	3.3	2.0	1.4	.3	.0						9.8	6.7
ENE	1.1	1.2	1.4	.3	.1							4.2	6.4
E	1.3	1.7	1.4	.4	.0	.1						5.0	6.4
ESE	.7	.4	.3									1.4	4.2
SE	.7	.7	.5	.4								2.2	6.4
SSE	.5	.5	.5	.8	.3	.2						2.7	10.4
S	1.0	1.7	3.8	5.0	1.7	.6						13.7	11.5
SSW	.7	1.0	2.4	1.7	.9	.3	.1					7.2	11.0
SW	1.0	1.2	.9	1.2	.7	.2						5.3	9.8
WSW	.8	.6	.2	.2	.0	.0						2.0	6.1
W	1.1	.6	.6	.4	.2	.2		.0				3.1	8.3
WNW	.5	.6	.3	.4	.1							1.9	7.3
NW	.8	1.1	.7	.7	.2	.0						3.6	7.9
NNW	.6	.3	.3	.1								1.4	5.1
VARBL													
CALM												26.3	
	16.2	18.7	17.0	14.2	5.3	1.9	.2	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2416

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	1.4	2.0	.5	.7	.0							4.3	5.9
NNE	1.2	2.4	1.3	.8	.3	.0	.0					6.1	7.3
NE	2.9	3.9	2.3	.5	.2	.0						9.7	5.8
ENE	1.1	1.3	1.1	.3	.0							3.9	5.9
E	1.4	1.1	.8	.0								3.3	4.8
ESE	.4	.4	.3	.1								1.2	5.6
SE	.8	.5	.4	.3	.1							2.1	6.5
SSE	.1	.4	.5	.5	.2							1.7	10.4
S	.9	1.9	3.3	4.6	1.6	.4						12.6	11.2
SSW	.7	.7	1.2	1.7	.8	.6						5.8	12.0
SW	1.1	1.1	.8	.6	.6	.0	.1					4.6	8.8
WSW	.5	.6	.2	.0	.1							1.4	5.6
W	1.3	1.3	.4	.4	.2	.0						3.6	6.1
WNW	.9	.8	.4	.5	.2	.0						2.9	7.1
NW	1.3	1.5	.6	1.0	.2	.2						4.8	7.7
NNW	1.1	.7	.2	.1								2.2	4.7
VARBL													
CALM												29.4	
	17.0	20.7	14.2	12.4	4.7	1.4	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

2415

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	.6	.5	.8	.4	.1						3.3	9.1
NNE	.7	.9	.7	1.2	.5	.2						4.2	10.5
NE	1.9	1.6	1.7	1.5	.6	.1						7.4	8.2
ENE	.8	.8	1.3	.5	.1	.0						3.6	7.4
E	1.2	1.0	1.0	.2								3.3	5.4
ESE	.8	.5	.2	.2								1.8	5.0
SE	1.5	.7	.6	.2	.1	.0						3.0	5.4
SSE	.3	.5	.3	.3	.3	.0						1.8	9.2
S	1.8	1.9	1.9	4.4	2.3	.7	.1					13.0	11.6
SSW	1.8	1.5	.7	1.2	1.2	.7	.2					7.3	10.9
SW	1.7	1.4	.7	.7	.2	.2	.0					5.1	7.4
WSW	.4	.2	.3	.2	.0							1.1	6.6
W	1.2	1.0	.5	.3	.5	.1		.0				3.5	5.1
WNW	.7	.6	.1	.8	.5	.4	.0					3.1	11.8
NW	1.0	.8	.5	.9	.7	.3						4.1	10.3
NNW	.4	.5	.2	.2	.1							1.3	6.3
VARBL													
CALM												33.0	
	17.0	14.5	11.0	13.4	7.5	3.1	.3	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2412

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.6	.9	.8	.3							3.2	9.0
NNE	.3	.6	1.0	2.3	1.7	.3	.0					6.3	13.5
NE	1.2	2.2	2.9	3.6	.6							10.6	9.4
ENE	.5	.9	2.0	1.9	.5	.1						5.9	10.2
E	1.3	2.7	3.0	1.0	.1							8.2	6.9
ESE	1.0	1.0	1.7	.6	.1							4.4	7.3
SE	.6	1.7	1.7	.8	.1							4.8	7.5
SSE	.5	.7	.8	.9	.2							3.1	8.6
S	1.5	2.4	1.8	2.7	2.2	.8	.1					11.6	11.4
SSW	1.0	1.3	1.1	1.7	1.8	1.5	.3					8.6	13.8
SW	.7	.9	.8	1.0	.9	.5		.0				4.8	11.7
WSW	.4	.4	.4	.2								1.3	6.4
W	.6	.7	.6	.5	.5	.1	.0					3.0	9.6
WNW	.4	.2	.5	.7	.7	.7	.1					3.2	14.8
NW	.3	.5	.7	.7	.5	.1	.2	.0				3.1	12.4
NNW	.4	.2	.4	.2		.0						1.3	7.3
VARBL													
CALM												16.6	
	11.2	17.0	20.4	19.4	10.4	4.1	.8	.1				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

2413

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.7	.5	.8	.7	.1	.0						2.9	8.2
NNE	.4	1.0	1.2	.7	.5	.2						4.2	9.8
NE	.5	2.2	1.9	2.0	.6	.1						7.2	9.5
ENE	.6	1.1	1.7	1.5	.4	.1						5.4	9.4
E	1.2	2.1	2.7	.9	.0	.0						7.0	7.1
ESE	.5	1.7	1.1	.8	.2							4.3	7.5
SE	1.2	2.4	2.2	.9	.2		.0					6.9	7.2
SSE	.5	1.0	1.1	1.1	.5	.1	.0					4.3	9.8
S	1.4	2.8	2.7	2.2	1.8	.7	.3	.0				12.1	11.0
SSW	.7	1.3	1.3	3.5	2.3	1.9	.3	.1				11.4	14.8
SW	.7	1.3	1.7	2.5	2.1	1.0	.3	.1				9.6	13.5
WSW	.4	.5	.6	1.0	.3	.1	.0	.0				3.0	11.2
W	.6	.8	1.0	1.2	.6	.1			.0			4.9	10.6
WNW	.1	.4	.3	.8	.8	.6	.0					3.1	14.8
NW	.4	.3	.4	.9	.8	.3	.1					3.1	13.7
NNW	.3	.2	.1	.1								.7	6.1
VARBL													
CALM												10.3	
	10.3	19.5	20.9	20.9	11.3	5.3	1.1	.2	.0			100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

2406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.3	.5	.3	.5	.1	.0						1.8	8.8
NNE	.4	.3	.9	.9	.5	.1						2.9	11.5
NE	.6	1.6	1.7	2.6	.5	.1	.0					6.8	9.9
ENE	.2	.9	1.7	.5	.1							3.5	8.2
E	1.2	3.2	2.7	.8	.2							8.1	7.0
ESE	.7	1.7	2.2	1.0	.1							5.7	7.7
SE	.5	2.0	1.8	1.2	.3	.1						5.9	8.8
SSE	.4	1.0	.7	.7	.5	.2	.0					3.6	10.6
S	1.0	1.6	2.4	2.4	1.3	.7	.0					9.4	11.3
SSW	.4	1.1	1.9	4.3	3.5	1.8	.1	.1				13.2	15.2
SW	.6	1.5	2.4	4.6	2.7	1.4	.1					13.3	13.5
WSW	.1	.4	.7	1.0	.2	.2	.1					2.7	12.7
W	.3	.9	1.1	1.0	.5	.2	.0					4.1	10.4
WNW	.3	.2	.7	1.4	.7	.5		.0				3.8	13.9
NW	.4	.4	.5	1.3	.5	.3	.0					3.6	12.6
NNW	.0	.1	.2	.1	.0	.1						.6	11.8
VARBL													
CALM												11.1	
	7.3	17.4	21.9	24.0	11.9	5.8	.5	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2409

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.6	1.5	1.1	.5	.1							3.8	7.0
NNE	.5	2.1	.7	1.2	.4	.1	.0					5.0	8.9
NE	1.3	2.7	2.6	1.2	.3	.1						8.3	7.6
ENE	.9	1.9	1.1	.4	.0	.0						4.4	6.3
E	1.4	2.1	1.4	.3	.0							5.2	5.8
ESE	.8	1.5	1.1	.5								3.9	6.2
SE	.8	1.4	1.5	.9	.4	.1						5.1	8.5
SSE	.5	.9	.9	.7	.2	.2						3.4	9.5
S	1.2	3.2	4.9	2.8	1.1	.7	.1					14.0	9.8
SSW	.8	1.7	2.8	3.1	1.5	.6						10.5	11.2
SW	.6	1.5	3.4	3.0	.8	.6	.1	.0				10.0	11.1
WSW	.4	.7	.6	.5	.2	.2	.0					2.7	9.6
W	.3	.8	1.0	1.0	.2	.0						3.3	9.1
WNW	.3	.7	.4	1.0	.5	.1						2.9	10.8
NW	.5	.8	.9	.5	.3	.0						3.0	8.6
NNW	.3	.3	.3	.2		.0		.0				1.2	8.1
VARBL													
CALM												13.1	
	11.2	23.8	24.8	17.8	6.1	2.8	.3	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

2409

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 STATION NELLIS AFB NEVADA/LAS VEGAS 42-44,49-72 YEARS APR MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.3	.8	.5	.2	.0						5.1	6.1
NNE	1.0	1.6	1.4	.7	.6	.1						5.3	8.3
NE	1.5	2.8	2.0	1.4	.4	.1						8.1	7.6
ENE	.9	1.1	1.2	.5	.2							3.9	7.1
E	1.1	1.1	.7	.1								3.1	5.1
ESE	.7	.3	.2		.0							1.2	4.4
SE	.8	.7	.5	.4	.1							2.5	6.5
SSE	.5	.5	.8	.9	.2	.1						3.1	9.8
S	.2	2.5	4.8	4.4	.8	.5	.1					14.2	10.1
SSW	.8	2.2	2.6	2.5	1.0	.7	.0					9.9	10.6
SW	1.4	2.2	2.1	1.6	.6	.3	.0					8.8	8.8
WSW	.6	.8	.5	.2	.1	.1						2.3	7.0
W	.7	.6	.5	.2	.5	.0						2.5	8.6
WNW	.4	.9	.5	.5	.3	.2	.0					2.9	10.0
NW	.6	1.2	.2	.7	.3							3.1	7.9
NNW	.7	.4	.2	.1								1.4	5.1
ARBL													
CALM												23.2	
	14.2	21.3	19.1	14.7	5.1	2.2	.2					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2416

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	1.2	2.1	.8	.2								4.4	5.1
NNE	1.5	2.1	.6	.8	.4	.2						5.5	7.3
NE	2.6	3.2	1.5	.7	.5		.0					8.6	6.3
ENE	1.2	1.7	1.2	.4	.1							4.6	6.1
E	1.3	1.0	1.2	.3	.0							3.9	6.0
ESE	.6	.3	.1									1.0	3.7
SE	.7	.5	.3	.1	.0							1.7	3.5
SSE	.2	.4	.7	.7	.4	.1						2.4	11.4
S	.8	2.3	6.6	7.2	1.5	.2						18.9	10.6
SSW	1.0	2.4	2.1	2.1	.8	.6						8.9	10.0
SW	1.1	1.7	1.4	.8	.5	.2						5.8	8.6
WSW	.5	.6	.2	.1		.1						1.4	5.9
W	1.0	1.0	.2	.0	.1		.0					2.3	5.3
WNW	.6	.4	.3	.3	.3	.1	.0					2.1	9.7
NW	.5	.8	.4	.3	.1							2.0	6.7
NNW	.3	.6	.2	.1								1.2	5.5
VARBL													
CALM												25.3	
	15.0	21.3	17.8	14.1	4.8	1.4	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

2501

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.1	.8	.3	.1							5.0	5.3
NNE	1.6	1.9	.4	.2	.1	.0						4.3	5.3
NE	3.0	3.6	1.5	.6	.1	.0						8.7	5.4
ENE	1.6	1.4	1.2	.3	.1							4.6	5.9
E	1.9	1.3	.8	.2	.0							4.3	5.0
ESE	.8	.5	.1		.0							1.4	4.0
SE	.8	.8	.2	.1	.2							2.2	6.1
SSE	.3	.4	.2	.6	.2	.0	.1					1.8	10.9
S	1.0	1.9	4.0	5.0	1.7	.5	.0					14.1	11.5
SSW	.7	1.4	1.8	2.1	.5	.3	.0					6.8	10.2
SW	1.6	1.4	1.1	.4	.2	.2						4.9	6.9
WSW	.4	.6	.2	.0	.0	.0						1.3	5.4
W	.9	1.1	.2	.2	.2	.0						2.6	5.9
WNW	1.0	.5	.3	.4	.4	.0						2.6	7.8
NW	.9	.9	.2	.2	.0		.0					2.4	5.8
NNW	.4	.8	.2	.2	.1							1.7	6.3
VARBL													
CALM												31.1	
	18.7	20.5	13.4	10.8	4.1	1.2	.2					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

2493

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	.8	.8	.5	.6	.4	.0						3.1	8.0
NNE	.6	.4	.4	1.1	.5	.1						3.2	10.6
NE	1.6	1.6	1.5	1.2	.6	.2	.0		.0			6.8	8.6
ENE	.8	.8	.9	.6	.0							3.0	6.8
E	1.4	2.1	.9	.3	.0							4.7	5.4
ESE	.8	.5	.4	.0								1.7	4.5
SE	1.4	.8	.5	.2	.1							3.0	5.3
SSE	.7	.4	.2	.4	.0	.1	.1	.0				1.9	9.0
S	2.1	1.9	3.6	4.9	2.1	.7	.0	.0				15.3	11.0
SSW	1.8	1.9	1.5	1.5	1.0	.5	.0	.0				8.4	9.5
SW	1.7	2.2	.8	.6	.2	.2		.0				5.7	6.7
WSW	.4	.4	.2	.1								1.0	5.1
W	1.0	1.0	.3	.2	.1	.0						2.6	5.3
WNW	.5	.4	.4	.4	.2	.2	.0					2.2	10.0
NW	.9	.6	.3	.4	.3							2.6	7.2
NNW	.5	.4	.4	.0	.1							1.4	5.8
VARBL													
CALM												33.1	
	17.3	16.3	12.7	12.5	5.7	2.1	.2	.2	.0			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

2492

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	.6	.8	.9	.6	.2							3.1	8.1
NNE	.5	.7	.8	1.7	.7	.5						4.9	12.2
NE	1.2	1.9	2.5	2.5	1.0	.2						9.2	9.8
ENE	.6	1.6	1.7	1.2	.1							5.2	7.8
E	1.3	2.5	3.5	1.0	.0							8.3	7.1
ESE	.7	2.1	1.6	.4								4.8	6.4
SE	1.1	2.5	2.0	.7	.2	.0						6.5	6.9
SSE	.5	1.2	1.0	.9	.3	.2						4.2	9.2
S	1.5	2.9	3.4	3.4	2.2	.6	.0					14.1	10.6
SSW	1.2	1.7	1.4	2.7	2.4	1.2	.2	.0				10.8	13.2
SW	.6	1.3	1.4	1.3	.6	.3	.1					5.7	10.4
WSW	.4	.3	.4	.4	.1							1.6	8.4
W	1.0	.6	.4	.3	.2							2.5	6.6
WNW	.3	.4	.1	.4	.1	.2						1.4	10.0
NW	.3	.5	.1	.3	.2	.0	.0					1.4	9.4
NNW	.3	.2	.1	.1		.0						.6	6.4
VARBL													
CALM												13.6	
	12.1	21.3	21.5	17.8	8.2	2.2	.4	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2489

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	.4	.4	.1	.0		.0				2.0	8.8
NNE	.6	.3	.9	.6	.6							3.0	9.7
NE	.6	1.6	1.6	1.1	.5	.1						5.5	9.0
ENE	.3	1.0	1.5	.5								3.4	7.5
E	.8	2.4	2.0	1.3	.1							6.6	7.5
ESE	.4	1.6	1.3	.3	.2	.1						3.7	7.5
SE	1.2	2.8	2.8	1.5	.4							8.7	7.8
SSE	.5	.8	1.7	1.4	.4	.3						5.1	10.8
S	1.1	2.6	4.2	4.7	1.9	.9	.1	.0				15.6	11.4
SSW	.8	1.7	2.8	4.2	3.0	1.4	.1					14.0	13.2
SW	.6	2.3	2.5	2.9	1.7	.7	.1					10.9	11.5
WSW	.2	.6	1.1	1.0	.6	.0						3.5	10.5
W	.8	.9	1.0	.8	.2	.0						3.8	6.1
WNW	.5	.4	.4	.3	.2	.1						1.9	9.1
NW	.4	.5	.4	.3	.1	.1						1.8	7.7
NNW	.3	.2	.2	.1	.0	.1						.9	8.2
VARBL													
CALM												9.4	
	9.3	20.7	24.8	21.5	10.0	4.0	.3	.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2498

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	.6	.3	.1	.0						2.1	7.7
NNE	.4	.6	.5	.6	.4	.1				.0		2.6	11.2
NE	1.0	1.1	1.8	.9	.5	.2						5.4	9.0
ENE	.3	1.0	.7	.4								2.3	6.8
E	.9	2.0	2.2	1.0	.1							6.1	7.4
ESE	.6	.8	.9	.7	.2							3.2	8.3
SE	.4	1.2	2.1	1.8	.5	.0						6.0	9.8
SSE	.3	1.1	1.6	1.9	.8	.2						6.0	10.9
S	.9	2.3	3.4	3.8	1.8	.6	.0					12.8	11.1
SSW	.6	1.3	2.7	4.8	2.7	1.3	.2	.0				13.6	13.8
SW	.6	1.9	3.2	5.7	3.6	1.3	.0					16.4	13.3
WSW	.2	.7	1.1	1.7	.6	.2	.0					4.3	11.6
W	.5	.8	1.2	1.3	.3		.0					4.1	9.5
WNW	.2	.2	.3	.7	.5	.1	.0					2.1	12.8
NW	.4	.4	.4	.9	.2	.2						2.3	10.7
NNW	.2	.4	.3	.2	.1							1.0	7.6
VARBL													
CALM												9.2	
	7.9	16.2	23.0	26.5	12.5	4.1	.4	.0		.0		100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

2496

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.6	1.2	.9	.2	.0							2.9	6.3
NNE	.3	.8	.6	.7	.4	.2	.1					3.1	10.9
NE	1.4	2.2	2.0	1.0	.7	.2						7.4	8.4
ENE	.6	1.0	.6	.2								2.4	5.8
E	.6	1.8	1.2	.4		.0						4.2	6.4
ESE	.6	1.2	.9	.4	.0							3.2	6.7
SE	.8	1.1	1.5	1.0	.3	.0						4.9	8.3
SSE	.5	.8	1.3	2.4	.8	.1						5.9	11.0
S	1.6	4.1	5.3	4.5	1.3	.3	.1					17.1	9.5
SSW	1.0	2.2	3.2	3.8	1.6	.6						12.4	11.1
SW	1.4	3.2	3.9	4.1	1.0	.3	.0					14.0	9.7
WSW	.4	.9	.9	.7	.2	.1						3.2	9.1
W	.4	.9	.9	.7	.1							3.0	8.2
WNW	.2	.2	.3	.5	.4	.0						1.6	11.5
NW	.4	.4	.6	.6	.2							2.2	7.1
NNW	.3	.2	.1	.2								.8	6.7
VARBL													
CALM												11.9	
	11.0	22.4	24.2	21.4	7.0	1.9	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2494

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.9	.6	.4	.1							4.1	5.9
NNE	1.0	1.1	.7	.7	.4	.1	.0		.0			4.1	8.7
NE	1.4	2.2	1.7	2.0	.7	.2						8.3	9.0
ENE	.7	1.1	.6	.3	.0							2.8	6.4
E	1.2	.7	.9	.3	.1							3.1	6.0
ESE	.4	.4	.2	.0								1.0	4.9
SE	.4	.8	.5	.3	.1							2.1	6.9
SSE	.2	.5	.7	1.2	.2							2.8	9.7
S	1.3	3.5	7.7	4.9	1.5	.5	.0					19.5	9.9
SSW	1.3	3.1	3.1	2.2	1.1	.7						11.5	9.7
SW	1.3	3.1	2.0	.8	.5	.2	.0					8.1	7.8
WSW	.6	1.0	.4	.1	.0							2.2	5.6
W	1.2	1.3	.4	.2	.0							3.1	5.0
WNW	.6	.7	.4	.3	.2	.1						2.2	8.0
NW	.8	1.2	.4	.4	.1	.0	.0					3.1	6.9
NNW	.2	.4	.4	.1	.0							1.1	7.4
VARBL													
CALM												20.7	
	14.0	23.0	20.7	14.3	5.4	1.8	.2		.0			100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2493

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	1.0	2.0	.4	.2	.1							3.7	5.4
NNE	1.5	1.3	.6	.7	.1	.0						4.3	6.1
NE	2.1	3.1	1.1	.7	.4	.2						7.6	6.8
ENE	1.1	1.0	.9	.3	.1							3.4	6.3
E	.9	.9	1.0	.1								2.9	5.7
ESE	.6	.2	.1	.1	.1							1.1	5.6
SE	.6	.5	.3	.3	.1	.0						1.9	7.2
SSE	.3	.4	.8	1.1	.3	.1						2.9	10.7
S	1.5	3.3	8.0	7.0	1.3	.2						21.3	10.1
SSW	.8	1.7	2.5	2.1	1.0	.3	.1	.0				8.5	10.3
SW	1.3	2.4	1.5	.4	.5	.3						6.4	7.9
WSW	.5	1.0	.2			.0						1.7	5.1
W	.9	.7	.2	.1								1.9	4.6
WNW	.5	.4	.	.4	.1	.1	.0					1.8	9.6
NW	.7	.6	.3	.3			.0					2.0	6.4
NNW	.5	.5	.	.0								1.2	4.3
VARBL													
CALM												27.4	
	14.7	20.0	18.3	13.8	4.2	1.3	.2	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

2377

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	1.7	2.2	.5	.1								4.5	4.5
NNE	1.9	2.2	.6	.3	.3							5.3	5.6
NE	2.6	3.7	1.4	.5	.1	.0						8.3	5.3
ENE	1.3	1.4	1.2	.2								4.1	5.4
E	1.6	1.5	1.2	.3								4.5	5.2
ESE	.3	.2	.2	.1								.8	5.7
SE	.8	.5	.2	.2	.0							1.8	5.5
SSE	.5	.5	.6	1.0	.3	.0						3.0	10.0
S	1.1	1.9	4.6	5.2	1.5	.3						14.6	10.7
SSW	.8	1.1	2.1	1.5	.6	.0						6.0	9.5
SW	1.1	2.0	1.1	.3	.2	.0						4.8	6.5
WSW	.5	.4	.2	.0		.0						1.2	5.3
W	1.1	.8	.1	.2	.0							2.1	4.7
WNW	.4	.3		.2	.2	.0						1.1	8.5
NW	1.2	1.6	.3	.2	.1							3.3	5.1
NNW	.9	.5	.1		.0							1.6	4.2
VARBL													
CALM												33.0	
	17.7	20.7	14.5	10.2	3.4	.5						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2380

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	.6	.6	.4	.5	.3	.0						2.4	8.6
NNE	.9	.8	.6	1.0	.3	.1						3.5	8.7
NE	1.2	1.4	1.3	1.4	.3	.1						5.6	8.2
ENE	.8	.8	.8	.5	.1							3.1	7.0
E	1.6	1.5	1.2	.3								4.5	5.3
ESE	.7	.7	.3	.2								1.8	5.7
SE	.9	1.6	.6	.4								3.6	5.7
SSE	.5	.4	.7	1.1	.4	.0						3.2	10.5
S	2.1	3.1	2.4	4.0	2.2	.8	.0					14.5	10.7
SSW	2.2	2.2	1.6	1.4	.5	.1	.0					8.0	7.6
S-V	1.7	1.6	1.0	.4	.0	.1						4.8	5.7
WSW	.9	.4	.3	.1	.0							1.8	5.0
W	1.2	.5	.3	.2	.1	.0						2.2	5.6
WNW	.7	.1	.3	.3	.1	.1	.1					1.6	8.8
NW	.8	.5	.2	.0	.1							1.6	5.5
NNW	.2	.2	.1			.0						.5	6.1
VARBL													
CALM												36.9	
	16.9	16.3	12.1	11.9	4.4	1.4	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2379

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.5	.5	.6	.5	.2							2.2	8.2
NNE	.4	.5	.8	.6	.3							2.5	9.3
NE	1.0	2.0	2.7	2.1	.3							6.1	6.7
ENE	.5	1.1	1.9	.6	.0							4.1	7.7
E	1.4	3.6	3.1	1.1	.1							9.3	6.8
ESE	.6	1.7	1.5	.8	.0							4.6	7.0
SE	1.5	2.9	2.3	1.1	.1	.1						8.0	7.0
SSE	.7	1.7	1.6	1.2	.3	.1						5.6	8.5
S	.8	3.3	3.1	3.7	1.7	.5	.3					13.4	10.8
SSW	1.3	1.9	1.9	2.6	2.1	.6	.0	.1				10.6	11.6
SW	1.1	1.7	1.3	1.2	.6	.3	.0					6.4	9.2
WSW	.4	.3	.3	.2	.0							1.2	6.4
W	.6	.5	.4	.5	.1							2.1	7.4
WNW	.6	.1	.2	.3	.3	.0						1.5	8.8
NW	.4	.3	.2	.3	.2							1.3	8.3
NNW	.2	.3		.1								.5	5.4
VARBL													
CALM												18.4	
	12.0	22.4	21.8	16.8	6.5	1.7	.3	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2376

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	.5	.7	.5	.0	.2							1.9	6.6
NNE	.4	.5	.4	.3	.1							1.8	7.5
NE	.5	1.2	1.2	.5	.0	.0						3.5	7.3
ENE	.3	.8	1.0	.3								2.3	6.9
E	.9	2.4	2.1	.7	.2	.1						6.3	7.4
ESE	.5	1.0	1.4	.8	.2							3.9	8.2
SE	1.0	2.1	3.6	1.3	.5	.1			.0			8.6	8.5
SSE	.5	1.0	1.9	1.5	.5	.1						5.6	10.0
S	1.2	3.0	5.0	4.8	1.6	.4	.1					16.2	10.7
SSW	.5	2.3	2.7	4.0	3.1	1.5	.2	.0				14.4	13.4
SW	.9	1.8	3.0	3.9	2.2	1.2	.0					13.0	12.4
WSW	.3	1.3	1.0	.7	.4	.1						3.8	9.1
W	.5	1.1	.6	.5	.1							2.9	7.0
WNW	.6	.4	.3	.3	.1	.1						1.8	7.5
NW	.3	1.0	.3	.1	.3	.1						2.1	7.7
NNW	.2	.3	.2	.0		.0						.8	6.7
VARBL													
CALM												11.1	
	9.4	21.0	25.1	19.7	9.5	3.7	.4	.0	.0			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2384

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 NELLIS AFB NEVADA/LAS VEGAS 42-44,49-72 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.4	.1	.1	.0							1.0	6.0
NNE	.3	.4	.0	.4	.1			.0				1.3	8.7
NE	.3	1.0	.8	.6	.1	.1						2.9	8.4
ENE	.3	.5	.4	.4	.0							1.7	7.4
E	.9	1.4	1.3	1.1	.2	.0						4.9	8.1
ESE	.5	.8	1.1	.9	.2							3.5	8.5
SE	.5	1.6	2.1	2.0	.5	.2	.0					6.9	10.1
SSE	.4	.9	1.6	1.4	.8							5.2	10.6
S	.8	3.1	3.6	5.9	2.2	.7	.0					16.3	11.4
SSW	1.0	1.6	3.1	5.7	3.4	1.1	.1					16.0	13.0
SW	.8	2.3	4.3	7.2	5.6	.9	.1	.1	.0			19.3	12.7
WSW	.4	.7	.9	1.2	.6	.1	.1	.0				4.1	11.5
W	.7	1.3	1.2	.7	.3	.1						4.2	8.4
WNW	.2	.7	.5	.2	.3	.2						2.1	10.0
NW	.2	.5	.3	.3	.1	.1	.0					1.6	9.9
NNW	.1	.0	.2			.0						.4	8.2
VARBL													
CALM												8.9	
	7.6	17.1	21.5	28.1	12.5	3.6	.5	.2	.0			100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2384

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.4	.2	.3	.0	.0						1.1	8.0
NNE	.3	.3	.4	.3	.3	.1	.1					1.7	11.4
NE	.7	1.0	.6	.4	.5	.1						3.3	6.6
ENE	.6	.8	.8	.2	.1	.1						2.6	7.2
E	.6	1.0	1.0	.4	.1							3.0	6.9
ESE	.3	1.2	.9	.3	.1	.0						2.9	7.6
SE	.5	1.6	2.3	1.4	.7	.1						6.5	9.5
SSE	.3	1.2	1.8	2.5	.7	.3						6.7	11.1
S	2.4	5.3	6.9	4.6	1.6	.4	.0					21.2	9.0
SSW	1.4	3.5	4.7	4.1	1.1	.3	.1					15.3	9.8
SW	.9	3.4	4.7	4.2	1.6	.6	.0					15.5	10.4
WSW	.3	.3	1.0	.6	.2							2.4	9.0
W	.5	.8	.9	.3	.1	.0						2.6	7.3
WNW	.3	.5	.4	.5	.2							1.8	8.7
NW	.1	.5	.6	.5	.1							1.7	9.0
NNW	.1	.2	.1	.1								.6	6.5
VARBL													
CALM												11.1	
	9.5	22.0	27.2	20.5	7.4	2.0	.3					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

2380

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

HELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	1.1	1.7	.5	.2		.1						3.5	5.4
NNE	1.0	1.1	.7	.3	.2	.1		.0				3.4	7.5
NE	1.1	1.2	.5	.7	.2	.3	.0					4.1	8.5
ENE	.4	1.0	.8	.2	.1							2.4	6.9
E	.6	.8	.4	.2								1.9	7.2
ESE	.3	.2	.1	.2								.8	6.2
SE	.5	.5	.4	.4	.3							2.1	8.1
SSE	.1	.6	.9	1.1	.4	.2						3.3	11.1
S	1.3	6.8	10.5	5.6	.9	.3						25.5	8.9
SSW	1.4	3.0	3.1	2.5	.8	.5	.1					11.5	9.6
SW	1.5	3.7	2.1	1.0	.5	.4	.0					9.3	7.9
WSW	.3	1.3	.4	.2	.1							2.3	6.3
W	1.3	1.1	.5	.2	.0							3.1	5.1
WNW	.8	.8	.5	.2	.1	.1						2.4	6.8
NW	.5	1.1	.5	.4	.0		.0					2.6	6.9
NNW	.4	.6	.1	.0	.0							1.2	5.0
VARBL													
CALM												20.5	
	12.7	25.5	22.0	13.3	3.7	2.1	.3	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

2383

DATA PROCESSING BRANCH
ETAG/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	1.5	1.9	.4	.4	.0	.0						4.3	5.3
NNE	1.4	1.7	.9	.2	.0	.1						4.3	5.3
NE	2.6	3.0	2.2	.7	.1	.1	.0					8.9	6.3
ENE	1.1	1.3	1.3	.4	.0							4.1	6.2
E	1.5	1.3	1.7	.2	.0							4.9	5.8
ESE	.7	.3	.4	.2								1.6	5.2
SE	.4	.5	1.0	.8	.1							2.8	8.6
SSE	.3	.4	.7	.6	.4	.1						2.4	10.7
S	1.1	2.5	7.6	3.5	.2	.0	.0					15.0	8.7
SSW	.8	2.0	2.0	.9	.1							5.8	7.1
SW	1.0	2.2	1.4	.3	.0							5.0	6.0
WSW	.4	1.2	.3	.0								2.0	4.9
W	.8	1.1	.4	.0		.0						2.4	5.1
WNW	.7	.7	.2	.1		.0						1.7	5.3
NW	1.0	.7	.2	.3	.1	.0						2.3	6.0
NNW	.6	.4	.0		.1							1.1	4.6
VARBL													
CALM												31.2	
	16.0	21.4	20.7	8.7	1.3	.5	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2461

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112 STATION NELLIS AFB NEVADA/LAS VEGAS 42-44,49-72 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	2.4	2.6	.4	.1								5.5	4.7
NNE	2.2	2.1	.4	.2								4.8	4.1
NE	3.5	3.9	2.6	.8								10.8	5.5
ENE	1.3	2.1	2.0	.3			.0					5.8	6.1
E	1.2	1.8	1.7	.2								4.9	5.9
ESE	.4	.2	.2	.2								1.0	6.3
SE	.7	.5	.9	.5	.0							2.7	7.3
SSE	.3	.2	.5	.9	.2	.0						2.1	10.6
S	.9	1.1	3.2	2.9	.2	.0						8.4	9.2
SSW	.5	.9	.9	.5	.1	.1						3.0	7.8
SW	1.5	1.2	1.0	.1								3.8	5.0
WSW	.7	.3	.2	.1								1.3	4.5
W	.9	.8	.2	.1								2.1	4.6
WNW	.7	.6	.2	.0	.0							1.6	4.7
NW	1.5	.8	.2	.1	.0							2.6	4.1
NNW	.8	.6	.2									1.5	3.8
VARBL													
CALM												38.2	
	19.4	19.7	14.9	7.0	.7	.2	.0					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2458

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 NELLIS AFB NEVADA/LAS VEGAS 42-44, 49-72 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER 0600-0800
CLASS HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	.2	.1	.0							1.9	5.2
NNE	.9	.5	.4	.2	.0							2.1	5.4
NE	2.0	2.0	1.5	.9	.1							6.5	6.3
ENE	1.0	1.6	1.7	.4								4.8	6.3
E	1.4	2.0	2.1	.3	.0							5.8	6.1
ESE	.9	.9	1.2	.2		.0						3.3	6.5
SE	1.2	1.9	1.3	.7	.1							4.7	6.8
SSE	.6	.9	.6	1.0	.1	.0						3.2	8.4
S	2.4	2.5	1.8	2.7	.7	.0						10.2	8.2
SSW	1.9	1.8	.9	.5	.4							5.6	6.2
SW	1.8	1.5	.3	.1	.0							3.8	4.2
WSW	.4	.4										.8	3.3
W	.9	.7	.1									1.7	3.6
WNW	.4	.3	.0									.8	3.6
NW	.9	.6		.1	.0							1.6	4.2
NNW	.3	.4	.0									.7	3.8
VARBL													
CALM												42.3	
	17.9	18.4	12.2	7.4	1.6	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2447

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.1	.1	.0							1.1	5.8
NNE	.7	.5	.4	.1								1.7	5.1
NE	1.4	2.0	1.3	.5	.0							5.2	6.2
ENE	.9	1.5	1.6	.3	.0							4.3	6.4
E	1.5	3.7	3.6	1.4	.2							10.3	7.0
ESE	1.4	2.6	2.7	.8	.1							7.5	6.9
SE	1.3	3.8	3.8	1.4	.2							10.6	7.4
SSE	.6	1.8	1.7	1.7	.1	.1						6.1	8.8
S	1.7	4.1	3.8	3.0	1.0	.2						13.8	8.8
SSW	1.4	2.2	1.1	1.6	.7	.2						7.1	8.6
SW	1.1	2.0	1.1	.8	.3	.1						5.5	7.4
WSW	.4	.6	.4	.0								1.4	5.3
W	.7	.4	.4	.0	.0							1.5	5.4
WNW	.5	.2		.0								.7	3.5
NW	.4	.2	.1	.1								.8	4.9
NNW		.1		.0								.1	6.7
VARBL													
CALM												22.2	
	14.3	26.0	22.1	12.0	2.8	.6						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2444

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	.2									1.2	4.6
NNE	.3	.7	.1									1.1	4.7
NE	.3	1.1	.4	.3								2.2	6.2
ENE	.6	.3	.5	.3	.1							1.8	7.0
E	.3	2.4	2.1	1.5	.3							6.8	8.1
ESE	.5	1.4	2.2	1.3	.1	.0						5.5	8.9
SE	.9	2.9	3.6	2.3	.4	.1	.1					10.3	8.8
SSE	.2	1.4	2.2	1.9	.4	.1						6.3	9.8
S	1.2	3.7	5.8	4.9	1.3	.2	.1					17.2	9.8
SSW	.7	2.0	3.5	4.9	1.4	.2	.0					12.7	10.9
SW	.9	2.6	3.7	4.0	1.5	.3						12.9	10.5
WSW	.4	1.2	.7	1.1	.3	.1						3.7	9.3
W	.9	1.4	.6	.4	.0							3.3	6.2
WNW	.4	.8	.2	.2	.0							1.6	5.9
NW	.4	.7	.2	.2	.0							1.5	5.8
NNW	.3	.3	.1									.7	4.1
VARBL													
CALM												11.1	
	9.0	23.5	26.1	23.0	6.1	1.0	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

2453

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.4	.4	.3	.1		.0						1.3	5.7
NNE	.0	.2	.2	.1			.0					.6	8.8
NE	.2	.5	.4	.2	.1	.1				.0		1.6	9.3
ENE	.3	.2	.4	.2				.0				1.2	8.0
E	.5	1.3	1.7	1.1	.2	.0						4.8	8.6
ESE	.2	.8	1.7	1.1	.3	.0						4.2	9.9
SE	.7	1.6	2.4	2.6	.8	.2						8.4	10.0
SSE	.3	1.1	1.7	1.7	.5	.1						5.4	10.3
S	1.1	3.3	5.1	5.9	1.4	.1						16.9	10.2
SSW	.6	2.1	4.1	5.4	2.0	.2						14.4	11.3
SW	.7	2.6	6.0	8.7	2.1	.3	.0					20.5	11.4
WSW	.5	1.3	1.3	2.0	.2	.0						5.4	9.3
W	.6	1.3	1.3	.9	.0							4.2	7.5
WNW	.2	.4	.2	.3								1.1	7.4
NW	.3	.3	.2	.3	.1	.1						1.3	5.8
NNW	.2	.3			.0	.0						.5	6.5
VARBL													
CALM												8.3	
	7.1	17.7	27.0	30.5	7.9	1.3	.1	.0		.0		100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2453

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.2	.1	.1	.0		.0					.7	8.3
NNE	.2	.3	.1	.2	.3	.1	.1					1.3	12.2
NE	.2	.5	.6	.2	.1	.2	.1					1.9	10.5
ENE	.0	.6	.2	.1	.0							1.0	7.0
E	.6	.7	1.2	.6	.2	.1	.1					3.5	9.0
ESE	.3	1.2	2.2	1.2	.3	.1		.0				5.4	9.7
SE	.3	1.4	3.0	2.9	.4	.3						8.2	10.5
SSE	.6	1.3	1.8	2.4	.7		.0					6.9	10.0
S	2.4	6.4	6.9	3.9	.4	.0						20.0	7.8
SSW	1.4	3.7	4.8	2.6	.2	.1						12.8	8.1
SW	1.7	4.5	5.6	3.2	.2	.0						15.2	8.0
WSW	.6	1.3	1.9	.7	.1							4.5	7.6
W	.6	1.1	.9	.3								3.0	6.4
WNW	.2	.6	.2	.1								1.2	6.1
NW	.2	.1	.2	.2	.1	.0	.0					.9	10.0
NNW	.1	.2	.1	.0	.0		.0					.4	3.9
VARBL													
CALM												13.0	
	9.7	23.9	30.0	18.8	3.2	1.0	.4	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2465

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23-12
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.1	.4	.2		.1	.1					2.7	6.6
NNE	.8	.9	.4	.5	.3	.1	.0					3.0	8.3
NE	1.3	1.4	1.5	1.0	.3	.1	.1					5.7	8.6
ENE	.4	.7	.9	.3	.0							2.3	7.2
E	.7	1.0	.9	.2	.1	.2	.0					3.1	7.6
ESE	.3	.4	.4	.4	.1	.1						1.5	8.9
SE	.7	1.0	.9	1.5	.3	.1	.0					4.5	9.4
SSE	.4	.8	1.6	1.5	.3		.0					4.8	10.1
S	2.1	6.5	8.1	2.8	.2	.2						20.0	7.7
SSW	1.5	4.3	2.8	.4	.2							9.2	6.3
SW	1.7	3.4	2.2	.5								7.5	5.8
WSW	.9	1.4	.2	.1		.0						2.6	5.1
W	1.0	1.7	.6	.2	.1	.0						3.6	5.7
WNW	.5	.7	.0	.2		.0		.0				1.5	6.1
NW	1.0	.8	.3	.2	.1		.0					2.3	5.8
NNW	.2	.4	.1	.0		.0						.8	6.3
VARBL													
CALM												24.6	
	14.2	26.4	21.2	10.0	2.2	1.1	.4	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

2464

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	2.2	1.8	.5	.2		.0						4.8	4.5
NNE	1.2	1.3	.3	.2	.1	.1						3.3	5.8
NE	2.8	3.4	2.1	.5	.2	.0						9.0	5.6
ENE	1.2	1.7	1.4	.4								4.7	6.0
E	1.4	1.6	1.4	.2	.0							4.7	5.6
ESE	1.0	.7	.4	.3	.1	.0						2.5	6.2
SE	.8	.7	.8	.3	.2	.1	.0					2.9	7.8
SSE	.3	.6	.6	1.1	.2	.2						2.9	10.6
S	1.0	3.1	3.3	2.7	.8							12.9	8.7
SSW	.9	1.6	1.6	.4	.1							4.9	6.8
SW	1.3	2.0	.7	.2								4.2	5.2
WSW	.6	.7	.2									1.4	4.1
W	1.2	1.0	.2	.0								2.4	3.9
WNW	.6	.6	.1	.1	.0							1.4	4.6
NW	.7	.8	.3	.1								1.9	4.6
HNW	.6	.6	.2									1.4	4.1
VARBL													
CALM												34.8	
	18.1	22.3	15.9	6.7	1.7	.5	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2505

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	.5	.0	.0							5.2	4.3
NNE	2.2	2.3	.6		.0							5.1	4.2
NE	3.1	4.8	2.6	.8	.1	.0		.0				11.4	5.8
ENE	1.3	1.9	1.6	.1			.0					5.0	3.7
E	1.7	2.2	1.5	.2								5.6	3.3
ESE	.6	.6	.6	.2	.0							2.0	6.1
SE	.9	.6	.4	.3	.1							2.3	6.4
SSE	.4	.4	.4	.6	.1							1.8	8.6
S	1.1	1.6	2.8	1.7	.5							7.6	8.6
SSW	1.2	.8	.8	.4	.1							3.2	6.3
SW	.8	1.1	.3	.0								2.3	4.6
WSW	.7	.4	.0	.0								1.1	3.7
W	1.0	.9	.0									1.9	3.6
WNW	.8	.5	.1	.0								1.4	3.6
NW	1.5	1.2	.2	.1								2.9	4.0
NNW	.8	.6										1.4	3.5
VARBL													
CALM												39.8	
	19.9	22.5	12.3	4.4	1.0	.0	.0	.0				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

2503

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 STATION NELLIS AFB NEVADA/LAS VEGAS 42-44,49-72 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	.8	.8	.2	.1								1.9	5.0
NNE	1.4	.9	.4	.4		.0						3.1	5.3
NE	1.5	2.5	1.9	1.0	.1							6.9	6.6
ENE	1.0	1.1	1.7	.4								4.2	6.3
E	1.6	2.4	2.2	.3								6.6	5.7
ESE	.7	1.0	.8	.8	.0							3.4	7.3
SE	1.0	1.9	1.1	.4	.0	.0						4.5	6.6
SSE	.5	.4	.6	.9	.4							2.8	10.1
S	2.3	2.4	1.6	2.5	.7	.1						9.6	8.3
SSW	2.1	1.6	.4	.5	.1							4.7	5.4
SW	1.8	1.2	.1									3.1	3.3
WSW	.5	.6	.0									1.2	3.5
W	1.2	.7	.1	.1								2.2	3.9
WNW	.8	.7										1.4	3.1
NW	1.1	.5	.1	.0								1.7	3.5
NNW	.2	.4										.6	4.0
VARBL													
CALM												42.1	
	18.6	19.0	11.2	7.5	1.4	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2506

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.6	.1	.1								1.7	4.1
NNE	.4	.5	.2	.4								1.6	7.0
NE	.9	2.8	2.4	1.0	.1							7.1	7.1
ENE	.6	1.3	1.7	.7	.0							4.4	7.4
E	2.1	3.5	3.2	1.0	.1							9.9	6.4
ESE	1.1	2.6	2.2	1.2	.2							7.1	7.3
SE	1.2	3.3	3.5	1.5	.2	.1						9.7	7.4
SSE	.7	1.8	1.6	1.6	.4							6.1	8.8
S	2.0	4.0	3.3	3.0	1.6	.1						14.0	9.0
SSW	1.4	2.1	.9	1.4	.4	.1						6.2	7.9
SW	1.5	1.2	.8	.6	.4	.2						4.6	7.6
WSW	.6	.4	.2	.0								1.2	4.2
W	.6	.4	.2	.1								1.2	4.7
WNW	.3	.2	.0									.6	3.8
NW	.4	.6	.0									1.0	3.6
NNW	.1	.1		.1								.3	6.4
VARBL													
CALM												23.2	
	14.8	25.3	20.3	12.7	3.2	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

2505

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

STATION 23112 STATION NAME NELLIS AFB NEVADA/LAS VEGAS YEARS 42-44, 49-72 MONTH AUG
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5	.2	.0								1.1	4.7
NNE	.4	.5	.2	.1								1.1	5.2
NE	.7	1.3	1.2	.6	.0							3.8	6.9
ENE	.4	.6	1.0	.2		.0						2.3	7.1
E	1.0	3.0	2.8	1.5	.3							8.6	7.7
ESE	.3	2.1	2.4	1.4	.4	.0						6.7	8.9
SE	.9	2.4	3.1	1.9	.5	.0						8.8	8.8
SSE	.3	1.8	2.0	1.6	.5	.3						6.5	9.8
S	1.5	3.7	4.5	4.1	1.2	.3	.1					15.4	9.6
SSW	.9	3.2	3.1	4.0	1.8	.2						13.3	10.3
SW	1.1	2.7	3.1	3.0	1.0	.1						11.1	9.4
WSW	.4	.8	.6	.6	.2							2.5	8.1
W	.8	1.4	.6	.2		.1						3.1	6.2
WNW	.6	.5	.2	.1								1.3	4.9
NW	.4	.3	.4	.0								1.2	5.6
NNW	.2	.3			.1		.0					.6	8.6
VARBL													
CALM												12.6	
	10.2	25.4	25.2	19.2	6.1	1.2	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2505

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.2	.4	.3	.2	.0		.0					1.2	7.7
NNE	.2	.4	.2	.1								.8	6.3
NE	.3	.6	.6	.4	.0							2.0	7.6
ENE	.2	.7	.4	.1								1.4	6.4
E	.8	1.2	2.3	1.2	.2	.0						5.8	8.4
ESE	.6	1.2	2.4	1.8	.3	.0	.0					6.3	9.5
SE	.7	1.9	2.3	2.4	.6	.1						8.0	9.5
SSE	.5	.7	1.7	1.2	.9	.2						5.2	11.0
S	1.2	2.9	4.2	5.4	1.3	.2						15.2	10.3
SSW	1.0	1.9	3.4	6.6	1.6	.3	.0					14.8	11.4
SW	1.0	3.2	4.1	5.9	2.0	.2	.0					16.4	10.7
WSW	.5	.8	1.4	1.2	.3	.0						4.2	9.5
W	.5	1.3	1.1	.4	.2							3.5	7.2
WNW	.6	.7	.2	.2	.1							1.8	5.9
NW	.5	.5	.4	.2	.0							1.7	6.4
NNW	.3	.3	.2	.0	.0	.0						1.0	6.6
VARBL													
CALM												10.7	
	9.0	18.8	25.2	27.4	7.5	1.2	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2499

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.7	.4		.1	.2	.0					1.9	7.5
NNE	.4	.6	.4	.2	.1	.1	.0	.0				1.8	8.8
NE	.8	1.2	.9	.8	.2	.1	.0	.0				3.9	8.6
ENE	.2	.8	.4	.4	.0	.1						2.0	8.2
E	.8	1.4	1.2	.6	.2							4.0	7.1
ESE	.3	1.7	2.3	1.2	.1		.0					5.7	8.5
SE	.7	1.2	3.5	2.6	.6	.3	.0					8.9	10.1
SSE	.5	1.4	1.8	2.1	1.2	.1	.1					7.2	11.1
S	2.0	7.5	7.9	3.2	.5	.2						21.3	7.8
SSW	1.0	3.5	3.3	1.9	.3							10.0	7.7
SW	1.4	3.0	3.7	1.4	.3	.0						9.8	7.5
WSW	.6	1.1	.8	.5		.0						3.0	6.9
W	.9	1.1	.4	.2				.0				2.6	5.7
WNW	.2	.4	.2	.2		.0						1.2	7.7
NW	.4	.6	.4	.2		.0						1.5	6.6
NNW	.2	.2										.4	2.9
VARBL													
CALM												14.9	
	10.9	26.3	27.4	15.4	3.5	1.2	.3	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

2508

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	1.2	1.8	.3	.0	.0	.0	.0					3.3	4.8
NNE	1.0	1.1	.6	.4	.3	.0	.0					3.4	7.3
NE	1.0	1.8	1.0	1.3	.4	.1						5.5	8.2
ENE	.5	.8	.9	.4	.0							2.6	6.9
E	.8	1.3	.8	.3	.1	.0						3.2	6.4
ESE	.2	.7	.5	.5	.2	.0						2.2	8.7
SE	.8	1.1	1.5	1.2	.4							5.1	8.7
SSE	.2	.8	.9	1.8	.8	.3	.0					4.7	12.4
S	1.5	5.4	6.6	3.8	.9	.2						18.3	8.6
SSW	1.4	3.8	2.6	.9	.2	.0						9.0	6.6
SW	2.1	3.6	1.7	.3	.0							7.8	5.4
WSW	.9	.8	.2	.2								2.1	4.9
W	1.4	1.5	.3	.1		.0						3.3	4.6
WNW	.6	.6	.1	.2	.1	.0						1.6	6.4
NW	.8	1.3	.2	.1								2.4	4.5
NNW	.6	.3	.1									1.0	3.7
VARBL													
CALM												24.0	
	15.2	26.6	18.3	11.6	3.4	.8	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

2497

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNOTS) DIR.	1 - 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	2.4	.8	.2	.0	.0						5.5	5.1
NNE	2.1	2.7	.8	.5	.4	.1	.0					6.5	6.2
NE	3.1	4.0	1.4	.9	.2	.2						9.8	6.1
ENE	1.4	1.4	1.3	.3	.1							4.8	6.1
E	1.7	1.3	1.2	.1								4.2	4.9
ESE	.5	.5	.2	.2								1.4	3.2
SE	.5	.6	.1	.2	.1							1.4	6.3
SSE	.2	.3	.2	.4	.3							1.4	10.3
S	.7	1.1	3.4	2.4	.3	.1	.0					8.0	9.7
SSW	1.1	1.2	1.1	.7	.3	.1						4.5	7.8
SW	1.5	1.5	.7	.3	.1	.0						4.1	3.6
WSW	.6	.7	.2	.1								1.6	3.0
W	.8	.8	.2	.1	.0	.0						2.0	5.3
WNW	.8	.3	.1	.1	.0	.0						1.5	3.6
NW	1.2	.7	.4	.2	.1							2.5	3.1
NNW	.7	.6	.3	.0								1.6	4.6
VARBL													
CALM												39.4	
	18.9	20.0	12.3	6.7	2.0	.7	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2426

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	2.7	.7	.4	.1							5.7	5.0
NNE	1.7	2.5	.5	.5	.1	.2						5.7	6.3
NE	3.5	3.3	1.9	.7	.1		.0					9.5	5.6
ENE	1.2	1.2	1.3	.2	.1							4.0	6.1
E	1.8	1.4	.7	.0								3.9	4.4
ESE	.5	.4	.2	.1								1.2	5.3
SE	.7	.4	.0	.2	.1							1.4	5.8
SSE	.9	.1	.3	.5	.0	.0						1.9	7.1
S	1.2	1.4	1.9	1.6	.3	.3						6.8	9.2
SSW	.9	.8	.8	.5	.1	.0						5.1	7.2
SW	1.2	1.0	.7	.1	.0							3.0	4.9
WSW	.5	.3	.2	.0								1.3	0.8
W	1.2	.9	.1	.0								2.3	3.9
WNW	.9	.9		.0	.1	.1						2.1	5.2
NW	1.7	1.2	.2	.1	.0							3.3	4.0
NNW	.9	.7		.1								1.7	3.8
VARBL													
CALM												43.4	
	20.6	19.3	9.6	5.0	1.4	.7	.0					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

2424

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.3	.2	.0	.1						2.7	5.6
NNE	1.4	.8	.4	.5	.2		.0					3.4	6.7
NE	2.1	1.0	1.5	.8	.1		.0					5.5	6.5
ENE	1.4	1.0	.9	.4		.0						3.8	5.9
E	1.9	1.3	.9	.1								4.3	4.8
ESE	.9	.5	.2	.1								1.7	4.2
SE	1.2	.6	.1	.3		.0						2.3	5.3
SSE	.6	.3	.2	.5	.1							1.8	7.7
S	2.4	1.8	1.2	1.7	.8	.2						8.1	8.2
SSW	2.5	1.4	.8	.6	.2	.0	.0					5.7	6.0
SW	2.2	1.0	.3	.1	.0							3.7	4.1
WSW	.7	.8	.1									1.6	3.8
W	1.1	1.0	.1		.0	.0						2.2	4.1
WNW	.3	.4		.2		.0		.0				1.0	7.5
NW	1.0	.8	.0	.1								1.9	3.9
NNW	.4	.1	.1	.0								.7	4.6
VARBL													
CALM												49.6	
	21.1	19.9	7.3	5.7	1.6	.5	.1	.0				100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

2420

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.5	.2	.5	.0							2.1	6.9
NNE	.6	1.0	.9	1.8	.4	.1	.1					4.8	10.4
NE	1.3	2.8	3.2	3.7	.8	.1						11.9	9.5
ENE	.5	1.4	2.1	1.2	.0	.1						5.4	8.2
E	1.6	2.3	2.9	1.1	.0							8.8	6.7
ESE	1.0	1.8	1.0	.4								4.1	6.0
SE	2.0	2.1	1.3	.5	.0							6.0	5.6
SSE	.7	1.0	.6	.6	.1	.0	.0					3.1	7.6
S	2.1	3.2	1.7	3.0	1.3	.2	.0					11.5	9.1
SSW	1.6	1.9	.7	1.4	.7	.5						6.7	9.2
SW	1.4	1.6	.5	.3	.2	.2						4.1	6.6
WSW	.3	.3	.1	.0								.9	4.5
W	.7	.6	.2	.1	.1	.0						1.9	6.0
WNW	.5	.3	.1	.2	.2	.0	.0	.0				1.4	9.3
NW	.3	.1	.1	.2	.1	.0						1.0	9.3
NNW	.2	.2	.0	.0								.5	5.0
VARBL													
CALM												25.8	
	15.8	22.0	15.8	15.0	4.0	1.3	.2	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2420

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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	.7	.7	.4	.3	.0							2.1	6.3
NNE	.7	1.2	.8	.7	.2	.1						3.8	8.5
NE	1.0	1.8	2.4	2.2	.3	.1						7.8	8.9
ENE	.7	1.4	1.3	1.4	.1	.0						4.9	8.2
E	1.4	3.3	3.2	1.2	.2							9.3	7.1
ESE	1.1	2.0	1.4	1.1	.2							5.8	7.3
SE	1.4	3.1	2.4	1.0	.4	.1						8.4	7.3
SSE	.9	1.3	.9	.8	.2							4.2	7.7
S	1.8	3.3	2.7	2.3	1.2	.3						11.6	9.1
SSW	1.2	2.0	1.6	3.3	2.0	.6	.1					10.8	11.9
SW	1.1	1.7	2.0	2.9	1.2	.3						9.2	10.8
WSW	.5	.6	.5	.6	.1							2.4	8.1
W	.7	1.2	.6	.4	.1	.1						3.0	7.0
WNW	.4	.3	.1	.3	.1	.1		.0				1.3	9.1
NW	.4	.5	.1	.0	.1	.0		.0				1.2	7.7
NNW	.3	.4	.1	.0	.0							.8	5.3
VARBL													
CALM												13.4	
	14.2	24.8	20.4	18.5	6.7	1.7	.1	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2424

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
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	.5	.4	.3	.2	.1							1.5	6.8
NNE	.5	.5	.9	.8	.3	.1						3.1	10.2
NE	.8	2.1	2.6	1.2	.3	.1						7.1	8.3
ENE	.5	1.3	1.5	.5	.0							3.8	7.2
E	1.4	3.3	3.0	.8	.2	.0						8.7	6.8
ESE	.5	2.1	2.9	1.2	.0	.0						6.8	7.9
SE	1.0	2.4	1.8	.9	.4							6.5	7.4
SSE	.5	.8	1.0	.9	.6	.0						3.8	9.6
S	1.1	2.4	2.5	2.4	1.1	.2						9.6	9.6
SSW	.8	2.2	3.0	4.2	1.3	.6	.0	.0				12.1	11.3
SW	1.4	2.1	3.8	4.4	1.3	.4						13.5	10.4
WSW	.5	.9	.9	.9	.3							3.4	8.9
W	.9	.9	.9	.7	.1	.0						3.6	7.5
WNW	.3	.4	.3	.5	.2		.1	.0				1.8	10.9
NW	.2	.5	.1	.2	.2	.0	.0					1.3	8.7
NNW	.2	.2	.0	.1								.6	5.5
VARBL													
CALM												12.8	
	11.3	22.5	25.5	19.8	6.4	1.6	.2	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

2423

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 STATION NELLIS AFB NEVADA/LAS VEGAS STATION NAME 42-44,49-72 YEARS SEP MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.0	.1	.1							4.7	5.3
NNE	.7	2.1	.9	.5	.2							4.5	7.0
NE	1.6	3.5	1.2	.7	.3							7.3	6.5
ENE	.8	2.0	.5	.4	.1							3.7	5.9
E	1.6	1.9	.7	.1								4.2	4.7
ESE	.6	1.1	1.3	.4	.2	.0		.0				3.7	7.9
SE	.7	1.7	1.5	.7	.3		.0					5.0	7.8
SSE	.2	.6	.7	1.3	.2		.0					3.0	10.4
S	1.4	5.6	5.4	2.5	.4		.0					15.3	7.7
SSW	.9	2.3	2.8	1.4	.1	.2						7.6	7.9
SW	1.0	2.1	1.7	1.0	.2							6.1	7.5
WSW	.5	.6	.7	.1								1.8	6.3
W	.9	1.4	.5	.3								3.2	5.6
WNW	.8	.7	.7	.5	.2	.1						2.8	7.9
NW	.8	1.1	.3	.2								2.4	4.9
NNW	.6	.5	.0	.1								1.2	4.3
VARBL													
CALM												23.2	
	14.4	29.3	19.6	10.4	2.4	.3	.1	.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2428

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
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 - 53	≥ 56	%	MEAN WIND SPEED
N	2.1	1.9	.5	.2								4.7	4.6
NNE	1.3	1.8	.5	.6	.2	.0						4.5	6.5
NE	1.5	3.3	1.5	1.0	.6	.2						8.1	7.6
ENE	1.0	.9	.9	.8	.1		.0					3.8	7.6
E	.9	1.2	.8	.1	.1							3.2	5.6
ESE	.6	.2	.4	.1	.0	.1						1.4	6.7
SE	.7	.6	.2		.1							1.5	5.1
SSE	.5	.6	.3	.4	.0	.0						1.8	7.3
S	1.5	3.7	4.0	1.9	.7	.2						12.1	8.2
SSW	1.0	2.9	1.7	.9	.3							6.9	7.1
SW	1.9	3.5	1.3	.4	.0							7.1	5.4
WSW	.7	1.0	.3	.2	.0							2.2	5.4
W	1.4	1.0	.4	.2								2.9	4.8
WtW	.6	.9	.2	.0	.0							1.8	5.2
NW	1.0	1.1	.4	.1	.1							2.6	5.3
NNW	.5	.6		.1								1.2	4.9
VARBL													
CALM												34.2	
	17.0	25.0	13.5	7.2	2.4	.6	.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2424

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43, 49-72
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	1.9	2.2	.5	.7	.2	.1	.0					5.7	6.6
NNE	1.7	1.6	.5	.7	.3	.1						4.9	6.9
NE	2.9	3.6	1.8	.8	.2	.1						9.3	6.0
ENE	1.1	1.3	1.2	.3								3.9	5.8
E	1.3	1.0	.8	.1	.0							3.2	5.2
ESE	.4	.5	.1									1.0	4.4
SE	.7	.2	.2	.0								1.1	4.3
SSE	.2	.2	.3	.3								1.1	8.0
S	.8	1.0	1.7	2.0	.7	.2						6.5	10.2
SSW	.7	.7	.6	.5	.3	.1	.1					3.0	9.3
SW	1.2	1.4	.3	.2	.1	.0	.0					3.3	5.6
WSW	.6	.3	.0		.1							1.1	4.4
W	1.0	1.0	.2	.0	.1	.2						2.5	6.0
WNW	.7	.6	.2	.3	.2	.0						2.0	7.2
NW	1.2	1.0	.4	.4	.1							3.0	5.7
NNW	.9	.5	.2	.0								1.7	4.4
VARBL													
CALM												46.6	
	17.3	17.2	9.2	6.4	2.2	.9	.2					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2414

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	1.4	2.0	.7	.5	.1	.1	.0					4.8	6.3
NNE	1.5	1.7	.7	.5	.1							4.4	5.5
NE	2.9	2.1	1.5	.5	.2	.0						7.2	5.6
ENE	1.3	1.2	.9	.1								3.3	5.1
E	1.7	.8	.4	.0								2.9	3.9
ESE	.7	.1										.8	2.8
SE	.7	.3	.1	.0								1.2	4.4
SSE	.1	.2	.2	.2	.2	.0						1.0	10.7
S	.7	.9	1.7	1.6	.6	.1	.0					5.6	9.8
SSW	1.0	.6	.5	.5	.5	.0						3.0	8.2
SW	1.2	1.1	.3	.1	.1							2.7	4.9
WSW	.5	.5	.2	.1								1.3	4.8
W	1.2	1.1	.2	.1	.0	.2						2.7	5.6
WNW	.8	.9	.3	.3	.1							2.4	6.1
NW	1.5	1.5	.4	.2	.1	.1						3.9	5.7
NNW	.7	.7	.2	.0								1.6	4.1
VARBL													
CALM												50.7	
	17.9	15.7	8.3	4.8	2.0	.6	.1					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.8	.6	.6	.2	.0						3.0	7.7
NNE	.7	1.0	.5	.7	.1	.1		.0				3.0	8.4
NE	1.9	1.3	1.0	.8	.3							4.9	6.4
ENE	1.1	.7	.5	.2	.0							2.6	5.4
E	1.9	.7	.5	.1	.0							3.2	4.3
ESE	.5	.3	.1	.0								1.0	3.9
SE	1.2	.5	.2		.0							1.9	3.7
SSE	.3	.3	.2	.2	.4	.1	.0					1.7	9.6
S	1.9	1.7	.8	1.6	.7							6.8	8.0
SSW	2.1	1.0	.5	.4	.5	.0						4.5	6.5
SW	1.7	1.4	.2	.1	.0							3.3	4.3
WSW	.7	.3	.1	.1	.1							1.3	5.3
W	1.4	.9	.2	.1	.1	.1						2.8	5.2
WNW	.8	.5	.3	.3	.1	.0						2.1	7.0
NW	1.3	.8	.4	.2	.1	.1						3.0	6.2
NNW	.4	.5	.2	.1								1.2	5.8
VARBL													
CALM												53.3	
	18.8	12.8	6.4	5.3	2.6	.5	.0	.0				100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

2408

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
 STATION

NELLIS AFB NEVADA/LAS VEGAS
 STATION NAME

42-43, 49-72
 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	.4	.3	.7	.9	.5	.1						2.9	10.9
NNE	.2	.3	.7	2.9	1.4	.3						5.9	14.1
NE	.6	1.5	2.7	3.6	1.1	.0	.0					9.6	10.8
ENE	.3	.7	1.3	.7	.1							3.2	8.5
E	1.1	2.0	1.4	.4	.0							4.9	6.1
ESE	1.1	.8	.5	.2								2.6	5.2
SE	1.1	1.2	1.0	.2								3.4	5.6
SSE	.3	.7	.2	.4	.4	.2						2.2	9.4
S	2.8	1.8	.7	1.7	.7	.4						8.2	8.4
SSW	2.5	1.3	.6	.8	.7	.4	.1					6.4	8.5
SW	1.9	1.7	.2	.2	.2	.1						4.4	5.4
WSW	.9	.7			.0							1.6	3.6
W	1.0	.6	.2	.1	.2	.1						2.2	6.4
WNW	.8	.3	.2	.2	.3	.2						2.1	8.9
NW	.2	.5	.1	.4	.2	.2	.0					1.7	11.4
NNW	.4	.1	.0	.0								.6	4.1
VARBL													
CALM												38.1	
	15.7	14.5	10.8	12.9	5.8	2.0	.2					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.5	.2	.7	.4	.2						2.4	11.4
NNE	.5	.7	1.5	2.3	.8	.2						6.2	11.6
NE	.9	3.6	3.7	4.1	.7							12.9	9.4
ENE	.9	2.0	2.3	1.2	.0							6.5	7.5
E	1.7	3.8	3.7	.8	.1							10.1	6.6
ESE	.9	1.8	1.2	.7								4.7	6.6
SE	1.1	2.0	1.6	.5	.1	.0						3.4	6.7
SSE	.5	.9	.6	.3	.1	.2	.0					2.8	8.7
S	1.1	2.4	1.0	1.2	1.0	.4	.1					7.0	9.6
SSW	1.1	1.4	.6	2.2	1.3	.3	.1	.0				7.0	11.3
SW	1.1	1.2	.5	.8	.7	.2						4.5	9.4
WSW	.6	.5	.3	.3	.2							1.9	7.0
W	.8	.7	.6	.4	.1							2.6	6.5
WNW	.5	.3	.2	.4	.3	.2						2.1	10.9
NW	.3	.5	.3	.2	.2	.1						1.7	9.2
NNW	.3	.2		.1								.6	5.0
VARBL													
CALM												21.6	
	12.9	22.5	18.3	16.4	6.0	2.0	.2	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2402

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 STATION NELLIS AFB NEVADA/LAS VEGAS 42-43,49-72 YEARS OCT NORTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	.7	.9	.2	.1						2.7	10.2
NNE	.3	1.1	1.7	1.7	.5	.2						5.5	10.4
NE	1.5	3.3	4.1	2.6	.6	.1						12.1	8.4
ENE	1.2	2.6	2.2	.4								6.4	6.1
E	1.6	3.3	2.8	.5	.1							8.3	6.3
ESE	.9	2.6	1.8	.5	.2							6.1	6.9
SE	.8	1.3	1.1	.5	.2							3.9	7.0
SSE	.5	.7	.6	.8	.1	.0						2.6	8.8
S	1.1	1.3	1.8	1.7	1.0	.4	.1					7.4	10.3
SSW	1.3	1.5	1.3	2.3	1.1	.2						7.8	10.4
SW	1.2	1.8	1.6	1.7	.5	.2						7.1	8.8
WSW	.8	.4	.5	.4	.0	.0						2.2	6.8
W	1.0	.7	.6	.2	.1							2.6	5.8
WNW	.2	.3	.4	.4	.3							1.6	9.8
NW	.3	.2	.3	.4	.1	.0	.0	.0				1.3	10.6
NNW	.1		.2		.0	.0						.4	8.9
VARBL													
CALM												22.2	
	13.3	21.6	21.5	15.0	5.0	1.3	.1	.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

UCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.0	1.0	.5	.0							7.4	5.4
NNE	2.2	3.7	1.5	1.0	.3	.1	.0	.0				8.9	6.8
NE	3.0	4.4	1.8	.7	.3	.0						10.3	5.9
ENE	1.0	2.0	1.0	.2								4.2	5.5
E	1.3	1.4	.8	.0	.0							3.6	5.1
ESE	.2	.6	.5	.2	.1							1.6	7.7
SE	.2	.7	.5	.4	.2							2.0	8.2
SSE	.4	.7	.7	.5	.4	.1						2.9	9.6
S	.6	2.2	3.7	2.5	.5	.1						9.6	9.3
SSW	.9	.8	1.4	.7	.2	.0						4.1	8.3
SW	.7	1.3	1.4	.5	.2							4.1	7.6
WSW	.4	.4	.0	.1								1.0	5.1
W	.5	.6	.5	.2	.1	.0	.0					2.1	7.7
WNW	.7	.5	.2	.3	.0	.0	.0					1.8	7.3
NW	1.2	1.4	.2	.2								2.9	4.5
NNW	.7	.8	.1	.1								1.7	4.1
VARBL													
CALM												31.8	
	15.8	25.7	15.4	8.4	2.4	.5	.1	.0				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2405

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.8	.9	.2	.2	.1	.0					4.7	6.2
NNE	1.4	1.8	1.1	.6	.3	.1						5.2	7.0
NE	2.8	3.1	1.8	1.2	.3	.1	.0					9.4	6.5
ENE	.9	1.5	1.5	.2	.0							4.1	6.3
E	1.1	1.2	.9	.1								3.2	5.2
ESE	.3	.5	.2									1.1	4.8
SE	.7	.4	.2	.0								1.3	4.6
SSE	.4	.4	.2	.5	.2	.0						1.7	9.2
S	1.2	1.8	2.2	2.0	.6	.1						8.0	9.1
SSW	.9	.9	.6	.5	.1	.2	.0					3.4	8.4
SW	1.2	1.8	.6	.5		.1						4.2	6.9
WSW	.8	.6	.3	.0								1.7	4.4
W	.8	.7	.3	.0	.1		.2					2.2	7.1
WNW	.7	.2	.2	.1	.1	.1						1.4	6.7
NW	.7	.8	.2	.2	.0		.0					1.9	5.9
NNW	.5	.5	.2	.1	.0	.0						1.4	5.8
VARBL													
CALM												45.0	
	16.0	17.8	11.7	6.3	2.0	.9	.3					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2415

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43, 49-72
YEARS

NDV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	1.1	.6	.3	.3						4.8	8.3
NNE	1.9	1.9	.9	.6	.1	.2	.0					5.7	6.7
NE	2.7	3.0	1.6	1.0	.3	.2						8.7	6.5
ENE	.9	1.1	.7	.3								3.0	6.1
E	1.7	1.3	.9	.2	.0							4.2	5.1
ESE	.6	.3	.1									1.0	3.7
SE	.8	.2	.2	.2	.1	.0						1.5	4.4
SSE	.2	.1	.1	.3	.1	.1	.0					1.1	12.3
S	1.2	1.5	1.2	1.5	.4	.2						6.0	8.9
SSW	.9	.5	.3	.4	.1	.1	.0					2.4	8.1
SW	1.1	.5	.3	.2	.0							2.1	5.0
WSW	.3	.3	.0									.7	3.5
W	1.2	.8	.1	.1								2.2	4.2
WNW	.9	.7	.4	.1	.3	.1						2.4	7.6
NW	1.1	1.2	.4	.3	.2	.0						3.3	6.4
NNW	.8	.6	.0	.2								1.6	4.6
VARBL													
CALM												49.2	
	17.1	15.7	8.5	6.0	1.9	1.4	1.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

2334

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	1.6	1.4	.3	.6	.3	.1	.0					4.5	7.2
NNE	1.4	1.5	.6	.6	.1	.1	.0	.0				4.4	6.9
NE	2.1	2.6	1.5	.7	.2	.0						7.2	6.2
ENE	1.4	1.1	.6	.5								3.6	5.5
E	1.8	1.1	.4	.1								3.5	4.1
ESE	.5	.4	.2									1.1	3.9
SE	1.0	.4	.1	.0	.0							1.6	4.2
SSE	.5	.4	.2	.3	.2							1.7	8.1
S	1.2	.8	1.3	1.2	.3	.2	.0					5.0	9.2
SSW	.9	.6	.4	.3	.3	.0						2.7	7.6
SW	1.2	.6	.2	.1	.0							2.2	4.3
WSW	.7	.6	.1	.0								1.5	4.0
W	1.3	.7	.2		.3							2.7	5.4
WNW	1.2	.2	.1	.1	.1							1.8	4.8
NW	1.7	1.4	.4	.5	.1	.1	.0					4.3	6.2
NNW	.4	.8	.1	.0	.1	.0						1.5	5.6
VARBL													
CALM												50.9	
	19.2	15.0	6.7	5.2	2.2	.6	.2	.0				100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

2333

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43, 49-72
YEARS

NDV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.6	.6	.3	.4	.1						3.1	9.0
NNE	1.2	.8	.6	.3	.2		.0					3.1	6.5
NE	1.9	2.3	1.4	1.1	.1	.1						6.9	6.8
ENE	1.3	1.0	.6	.1		.0						3.0	4.9
E	2.2	1.6	.9	.2	.1	.0						5.1	5.2
ESE	1.1	.9		.0								1.6	3.2
SE	1.2	.2	.3	.1								1.8	4.2
SSE	.3	.3	.2	.2	.3	.0						1.3	8.9
S	1.0	1.1	.5	1.2	.4	.2		.1				4.5	9.4
SSW	1.2	.6	.1	.2	.2	.1						2.4	6.3
SW	1.3	.8	.3	.0		.0						2.4	4.3
WSW	.7	.3	.2									1.2	4.0
W	1.9	1.2	.1	.1	.1	.1						3.5	4.7
WNW	.8	.9	.1	.3	.2							2.2	6.4
NW	1.4	.9	.4	.3	.2							3.1	5.5
NNW	.8	.3	.3	.0	.0							1.5	5.3
VARBL													
CALM												53.4	
	19.2	13.1	6.5	4.6	2.2	.8	.0	.1				100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

2336

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
YEARS

NDV
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	.7	.6	.7	.4	.2	.0					3.2	10.6
NNE	.6	.3	.8	1.5	1.0	.7	.1					5.1	13.7
NE	.9	.9	1.7	3.8	.9	.3						8.4	11.4
ENE	.6	1.0	1.3	.5	.0	.0						3.5	7.4
E	1.1	1.1	1.1	.3	.1							3.6	6.0
ESE	.6	.3	.1									1.1	4.0
SE	1.0	.8	.3	.1								2.3	4.9
SSE	.8	.6	.2	.3	.3							2.2	7.2
S	2.4	1.5	.9	1.2	.7	.3						7.1	8.4
SSW	2.5	1.3	.3	.4	.5	.4	.0					5.5	7.3
SW	2.2	1.5	.3	.1	.0	.1						4.3	4.5
WSW	.6	.5		.0	.1							1.5	4.2
W	1.4	.9	.3	.1	.2	.0						2.9	5.3
WNW	.8	.2	.6	.1	.3	.2						2.1	9.2
NW	.6	.5	.4	.1	.1	.1						1.7	8.4
NNW	.2	.1	.1	.1								.5	6.0
VARBL													
CALM												45.2	
	16.9	12.3	8.8	9.5	4.6	2.4	.2					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

2334

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	.8	.2	.8	.6	.4	.2						3.0	10.0
NNE	.7	.3	1.2	2.7	1.3	.3						6.9	12.6
NE	.9	1.6	5.3	4.4	.8	.1						13.3	10.1
ENE	.6	2.1	2.4	1.4	.2							6.7	8.0
E	1.3	2.8	2.5	.6	.0							7.2	6.5
ESE	1.0	1.1	.5	.2								2.8	5.3
SE	1.2	1.5	.8	.3	.1							4.0	5.9
SSE	.5	.7	.3	.6	.1	.1						2.4	8.4
S	1.9	1.1	.8	1.2	.8	.3						6.1	8.9
SSW	1.0	1.2	.6	.7	.7	.5		.1				4.8	10.6
SW	1.3	.6	.3	.3	.3	.2	.0					3.2	8.1
WSW	.5	.5	.1	.1		.0						1.3	5.3
W	.7	.5	.2	.2	.2	.0						1.8	6.6
WNW	.9	.3	.2	.2	.3	.1						1.9	8.5
NW	.6	.6	.1	.3	.2							1.7	7.1
NNW	.4	.2	.1	.1	.2	.0						1.0	8.2
VARBL													
CALM												31.8	
	14.5	15.6	16.3	13.8	5.8	1.9	.0	.1				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2327

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.9	.9	.7	.3							3.4	8.5
NNE	.3	1.2	1.4	2.4	.7	.2						6.1	11.2
NE	1.4	4.9	5.1	2.4	.6	.0						14.4	7.9
ENE	1.5	3.1	2.3	.6								7.6	6.1
E	1.6	4.2	1.6	.5	.1							8.0	5.8
ESE	.5	1.1	1.0	.4								3.0	6.7
SE	.9	.7	.3	.6	.1							2.7	7.0
SSE	.3	.4	.2	.4	.2	.1						1.6	9.9
S	1.2	1.7	.9	1.4	.4	.1		.0				5.9	8.8
SSW	1.3	1.4	.8	1.0	.6	.2		.1				5.4	9.0
SW	1.4	.9	.3	.5	.2	.0						3.4	6.5
WSW	.7	.6	.0	.1	.1							1.5	4.9
W	1.5	.8	.3	.2	.1	.0	.1					3.1	6.0
WNW	.8	.6	.3	.4	.2	.1						2.2	7.9
NW	.6	.2	.3	.3	.3	.1						1.7	9.2
NNW	.2	.3	.1	.1	.0		.0					.8	8.3
VARBL													
CALM												29.4	
	14.8	22.9	15.8	12.0	3.8	.9	.1	.1				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2324

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	2.1	2.4	1.2	.6	.0							7.3	5.5
NNE	2.7	4.1	1.1	.7	.5	.1	.0					9.2	6.4
NE	3.3	6.4	2.7	1.0	.2	.2						13.9	6.0
ENE	1.5	2.5	1.6	.3	.0							6.0	5.7
E	1.4	1.8	.9	.3	.1							4.4	5.5
ESE	.5	.2										.6	2.8
SE	.4	.2	.1	.3	.0	.1						1.2	8.4
SSE	.3	.3	.6	.7	.2	.0	.0					2.1	10.3
S	.4	1.4	1.5	1.6	.5	.3						5.7	10.4
SSW	.2	.3	.4	.3	.4	.1						1.7	11.0
SW	.5	.5	.4	.2	.2		.0					1.7	8.0
WSW	.3	.1	.0	.1								.6	5.2
W	.6	.6	.3	.2	.2							1.8	7.1
WNW	.5	.5	.3	.2	.1	.0						1.6	7.0
NW	.8	1.0	.4	.2	.2							2.7	6.3
NNW	.6	.5	.3	.1		.0						1.6	5.7
VARBL													
CALM												37.6	
	16.3	23.7	11.9	6.8	2.7	.9	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

2329

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STAT 1

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.1	.9	.6	.2			.0				5.4	6.4
NNE	1.4	1.5	.9	.6	.7	.3	.0					5.5	9.0
NE	2.1	3.6	2.9	1.1	.2	.1						9.7	6.8
ENE	1.4	1.2	1.1	.3	.0	.0						4.0	6.0
E	1.9	1.3	1.0	.2	.0	.0						4.5	5.3
ESE	.3	.6	.1	.0								1.0	4.6
SE	.7	.5	.0	.1		.0						1.3	4.9
SSE	.7	.2	.3	.4	.2	.1						1.9	9.0
S	1.7	1.1	.9	2.0	.5	.1	.0					6.2	9.0
SSW	1.0	.7	.6	.3	.2							2.9	6.7
SW	.9	.6	.3	.2	.2							2.2	6.5
WSW	.7	.3	.0									1.1	3.4
W	.8	.6	.3	.1		.0						1.8	5.2
WNW	.6	.4	.1	.1	.1	.0	.0	.0				1.5	7.8
NW	.6	1.0	.6	.3	.1							2.6	6.5
NNW	.6	.4	.2	.1								1.2	4.9
VARBL													
CALM												47.1	
	16.7	15.8	10.2	6.5	2.5	.9	.1	.1				100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2930

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	2.5	1.7	1.4	.6	.2	.0						6.4	5.9
NNE	1.4	1.7	.7	.4	.2	.2						4.7	6.7
NE	2.6	2.4	2.4	1.0	.2							8.5	6.3
ENE	.8	1.2	1.4	.2								3.6	6.1
E	2.0	1.1	1.0	.0								4.2	4.7
ESE	.4	.2	.0									.7	3.7
SE	.8	.5	.0	.2								1.5	4.9
SSE	.2	.2	.2	.2	.2	.1						1.1	11.2
S	.5	.6	.4	1.7	.5	.4	.0					4.7	11.3
SSW	.9	.2	.3	.5	.2	.1						2.2	8.6
SW	1.0	.6	.1	.1	.0	.1						2.0	6.0
WSW	.5	.3	.1	.0	.1							1.2	5.2
W	1.1	.6	.2	.0	.1	.0						2.1	5.5
WNW	1.0	.6	.1	.2	.1	.1	.0					2.1	6.9
NW	1.3	1.0	.6	.5	.5	.1	.0					4.1	8.1
NNW	.7	.7	.2	.4	.0	.0						2.1	6.6
VARBL													
CALM												48.9	
	13.1	13.7	9.3	6.2	2.5	1.2	.1					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2402

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	2.2	1.7	.7	.5	.1	.0						5.2	5.5
NNE	1.7	1.5	.9	.6	.1							4.7	5.9
NE	2.6	2.6	2.2	.7	.0							8.2	5.9
ENE	1.1	1.0	1.6	.2								4.0	6.1
E	1.7	1.3	.5	.1								3.7	4.5
ESE	.4	.3	.0									.7	3.8
SE	.6	.2	.1	.1								1.0	4.4
SSE	.3	.1	.1	.3	.0	.1						.9	10.0
S	.9	.7	.8	1.4	.8	.4	.0					5.0	11.3
SSW	.6	.5	.4	.4	.3	.1						2.2	9.0
SW	1.3	1.0	.2	.1	.1							2.7	4.9
WSW	.2	.3	.1			.0						.7	5.6
W	1.7	.9	.1			.0						2.7	3.5
WNW	1.1	.8	.2	.2	.2	.1						2.7	6.6
NW	1.5	1.5	.7	.7	.4	.1	.0					4.8	7.4
NNW	.5	.8	.4	.1	.0							1.8	5.5
VARBL													
CALM												48.9	
	18.4	15.1	9.1	5.4	2.1	.9	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43, 49-72
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	2.0	1.3	.7	.6	.2	.1						4.8	6.2
NNE	1.5	1.0	.5	.2	.1	.1						3.6	5.8
NE	2.7	2.2	1.2	.9	.0							7.2	5.7
ENE	1.5	1.2	.8	.3								3.6	5.4
E	2.4	1.5	1.0	.0								4.9	4.6
ESE	.7	.5	.2									1.3	4.0
SE	.7	.7	.2	.0	.2	.1	.0					1.9	7.0
SSE	.4	.2	.2	.5	.2	.0						1.5	9.9
S	1.0	.6	.7	1.2	.5	.2						4.4	10.0
SSW	.9	.9	.2	.3	.3	.1						2.6	7.7
SW	1.1	.9	.2		.0							2.3	4.3
WSW	.4	.5	.1									.9	4.0
W	1.1	.8	.1	.0								2.1	3.9
WNW	1.2	.5	.2	.2	.1	.0						2.3	5.7
NW	1.3	1.2	.7	.6	.4	.3	.0					4.7	8.1
NNW	.4	.3	.2	.2	.0	.1						1.2	7.4
VARBL													
CALM												50.6	
	19.5	14.2	7.2	5.3	2.1	1.0	.1					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 2413

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	.6	.5	.4	.8	.5	.2						3.0	10.5
NNE	.5	.2	.7	.8	.8	.2	.1					3.4	13.1
NE	1.0	.9	1.7	2.0	.5	.0						6.3	9.5
ENE	.7	.6	1.7	.4	.0							3.5	7.1
E	1.0	1.4	1.2	.2								3.9	5.7
ESE	.5	.2	.1	.0								.9	4.1
SE	.9	.5	.2	.2	.1	.0						1.9	6.2
SSE	1.0	.3	.1	.2	.2	.1	.0					1.9	7.8
S	2.2	2.1	.6	1.0	.7	.2	.0					6.9	7.9
SSW	2.0	1.5	.3	.5	.4	.2						5.0	6.8
SW	2.1	1.7	.2	.1	.1	.1	.0	.0				4.4	5.3
WSW	.7	.3	.1	.1	.0	.0	.0					1.3	6.2
W	1.3	.7	.1	.3	.2	.0						2.7	6.0
WNW	.6	.2	.2	.4	.4	.1	.0					1.9	10.3
NW	.9	.7	.2	.5	.5	.2						3.0	9.8
NNW	.1	.2	.2	.2	.2							1.0	10.3
VARBL													
CALM												49.0	
	16.3	12.1	8.1	7.8	4.7	1.6	.3	.0				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2410

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3	.4	1.0	.6							2.8	11.1
NNE	.4	.5	1.7	2.3	1.0	.4	.0					6.3	12.6
NE	.9	1.8	4.6	4.4	.6	.1						12.4	10.1
ENE	.7	1.9	2.8	1.1	.0	.0						6.7	7.7
E	1.2	2.2	2.1	.4	.0							5.8	6.3
ESE	.8	.5	.5	.2	.1							2.2	6.1
SE	.7	.7	.5	.2	.0							2.2	6.1
SSE	.5	.5	.1	.2	.2	.0						1.6	7.7
S	1.6	1.7	.5	1.2	.5	.4						5.9	8.7
SSW	1.9	1.5	.3	.5	.4	.4	.0					5.1	7.5
SW	1.4	1.1	.1	.6	.3	.2	.0					3.9	8.0
WSW	.6	.3	.1	.2	.1							1.3	6.0
W	1.0	.5	.1	.2	.2	.0	.0					2.2	7.2
WNW	.5	.3	.2	.2	.6	.1						2.0	11.0
NW	.8	.7	.2	.6	.4	.2	.0					3.0	9.6
NNW	.5	.2	.1	.1	.1							1.0	6.4
VARBL													
CALM												35.6	
	14.3	14.8	14.5	13.6	5.1	2.0	.2					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2413

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	.4	.9	1.1	1.2	.3	.1						4.0	9.9
NNE	.5	1.2	1.9	2.0	.6	.2	.0					6.3	10.3
NE	1.3	3.8	6.2	2.7	.2	.1						14.3	8.2
ENE	.8	3.2	2.3	.7								7.0	6.6
E	1.5	3.7	2.0	.1								7.2	5.5
ESE	.7	.6	.8	.2								2.4	6.2
SE	.8	.7	.4	.3	.0							2.3	6.3
SSE	.2	.3	.3	.3	.2							1.5	9.3
S	1.1	1.2	1.0	1.0	.8	.2						5.5	9.3
SSW	1.5	1.3	.6	.5	.3	.2	.1					4.5	7.7
SW	1.0	.9	.	.2	.2	.2	.0					2.7	7.3
WSW	.7	.3	.0	.1	.1							1.2	5.2
W	1.2	.9	.4	.6	.0							3.1	6.3
WNW	1.0	.7	.1	.5	.3	.1	.1					2.7	8.7
NW	1.0	.5	.4	.6	.1	.0						2.7	7.3
NNW	.3	.2	.2	.1	.1	.1						1.1	8.5
VARBL													
CALM												31.6	
	14.0	20.6	17.9	11.2	3.4	1.1	.2					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

2401

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-43,49-72
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	2.2	3.8	1.0	.8	.2	.0						8.1	6.0
NNE	2.7	4.0	1.5	.8	.3	.0						9.4	6.2
NE	3.1	6.0	3.9	1.3	.1	.0						14.5	6.2
ENE	1.1	2.5	2.5	.5								6.6	6.6
E	1.2	1.3	.9	.1								3.5	5.2
ESE	.5	.2	.1									.8	4.0
SE	.5	.4	.2	.1		.0						1.1	5.6
SSE	.1	.2	.5	.3	.3	.0						1.6	11.9
S	.6	.5	1.7	1.3	.9	.2						5.1	11.1
SSW	.4	.4	.5	.5	.2	.1						2.2	9.5
SW	.4	.3		.2			.0					.9	7.0
WSW	.3	.1		.1	.0	.0						.6	6.8
W	.2	.4	.2	.3								1.2	7.3
WNW	.7	.3	.5	.3	.2		.0					1.9	7.8
NW	1.5	1.0	.4	.5	.3	.1	.0					3.7	7.2
NNW	.6	.6	.3	.3	.2							2.0	7.3
VARBL													
CALM												36.7	
	16.0	22.0	14.1	7.5	2.9	.7	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2399

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

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	1.9	2.4	.7	.9	.2							6.0	6.1
NNE	1.1	2.0	1.3	1.0	.5	.1						5.9	8.2
NE	2.7	3.8	3.2	1.0	.1	.0						10.9	6.3
ENE	1.0	1.1	2.0	.4								4.5	6.7
E	1.0	1.2	.9	.0								3.1	5.0
ESE	.5	.2	.1									.8	3.8
SE	1.0	.4	.0	.0								1.4	3.7
SSE	.2	.2	.2	.5	.1	.1						1.4	10.7
S	1.1	.7	1.0	1.6	.5	.3						5.2	9.9
SSW	1.2	.8	.5	.4	.2	.1	.1					3.2	7.4
SW	.9	.9	.2	.1	.1							2.2	5.4
WSW	.2	.2	.2									.6	4.5
W	.9	.7	.0	.2	.0							1.9	5.1
WNW	.8	.4	.2	.3	.1	.1		.0				2.0	8.3
NW	1.2	1.1	.7	.5	.2	.2		.0				3.9	7.6
NNW	.9	.8	.2	.2	.1	.0						2.0	6.2
VARBL													
CALM												44.7	
	16.5	16.7	11.6	7.2	2.1	1.0	.1	.1				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2401

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 23112 STATION NAME NELLIS AFB NEVADA/LAS VEGAS YEARS 42-44, 49-72 ALL MONTH ALL HOURS (L.S.T.)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.2		.2	1.4	.5					4.3	14.1
NNE		.5	.7		.5	.7	.7	.2				3.4	19.6
NE	1.4	1.7	7.0	1.7	.5	.5	.2	.2				13.3	10.2
ENE		2.2	2.4	1.4			.5					6.5	9.9
E	.7	1.7	1.4			.2						4.1	7.1
ESE	.2	.2	.2	.2		.2	.2					1.4	14.2
SE		1.2		.2		.5			.2			2.2	14.4
SSE		.5		.5	.7	1.0	.5					3.1	19.5
S	.5	1.9	.2	.7	1.0	2.2	1.4	.2				8.2	17.5
SSW				.2	1.2	6.0	3.1	1.4				12.1	26.6
SW	.2	1.2		.7	1.7	4.1	1.0	1.2				10.1	22.0
WSW	.2					1.4	1.7	.5				3.9	26.8
W		1.0	.2	.5	.7	1.2	1.0	.2				4.8	19.5
WNW	.5	.5	.5	.2	1.2	1.2	.5	.7				5.3	19.6
NW	.5		.5		.2		1.9	.5				3.6	23.4
NNW			.5				.2	.2				1.0	20.0
VARBL													
CALM												12.6	
	5.3	13.5	14.0	6.5	8.0	20.8	13.5	5.6	.2			100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 414

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100					95.4		96.9			98.3						100.0
≥ 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 ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING ≥ 20000	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 18000	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 16000	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
IV 14000	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 12000	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
IV 10000	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 9000	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 8000	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 7000	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 6000	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 5000	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 4500	98.3	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4000	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3500	98.6	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3000	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 2500	98.9	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 2000	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 1800	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 1500	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 1200	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 900	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 800	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 700	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 600	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 500	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 400	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 230660

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-46,49-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥.16	≥.1	≥0
NO CEILING	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 20000	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 18000	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 16000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 14000	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 12000	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 10000	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 9000	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 7000	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 6000	93.9	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 5000	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 3500	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 3000	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	97.6	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 2000	97.9	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1800	98.0	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1500	98.2	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 1200	98.3	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.4	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	98.4	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	98.4	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	98.4	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	98.4	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	98.4	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	98.4	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	98.4	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	98.4	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	98.4	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	98.4	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

18960

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1151

CEILING (FEET)	VISIBILITY* (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	
NO CEILING	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 20000	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 18000	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 16000	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 14000	87.6	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 12000	89.3	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 10000	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4
IV 9000	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 8000	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 7000	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 6000	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 5000	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 4500	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 4000	98.2	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3500	98.4	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 3000	98.8	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 2500	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 2000	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 1500	99.2	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.....

17443

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA LAS VEGAS

42-44-49-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20,000	75.1 85.5	75.3 85.7	75.4 85.8	75.4 85.7	75.5 85.9	75.5 85.9	75.5 86.0	75.5 86.0	75.5 86.0	75.6 86.0	75.6 86.0	75.6 86.0	75.6 86.1	75.6 86.1	75.6 86.1	75.6 86.1
IV 18000	86.3	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 16000	87.6	87.9	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
IV 14000	89.5	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2
IV 12000	91.2	91.5	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 10000	92.7	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6
IV 9000	93.4	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 8000	94.4	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
IV 7000	95.1	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
IV 6000	96.3	96.7	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
IV 5000	97.2	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
IV 4500	97.4	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 4000	97.8	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 3500	97.9	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
IV 3000	98.2	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
IV 2500	98.4	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 2000	98.6	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 1800	98.6	99.3	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 1500	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1200	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 1000	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 900	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 800	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 700	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 600	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 500	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 400	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV C	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

19715

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS 1151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING N 20000	76.3 85.3	76.7 85.7	76.8 85.8	76.8 85.9	76.8 85.9	76.8 85.9	76.9 85.9	76.9 85.9	76.9 86.0	76.9 86.0	76.9 86.0	76.9 86.0	76.9 86.0	76.9 86.0	76.9 86.0	77.0 86.0
IV 18000 IV 16000	86.5 87.7	86.9 88.2	87.0 88.3	87.0 88.3	87.1 88.4	87.1 88.4	87.1 88.4	87.1 88.4	87.2 88.4	87.2 88.5	87.2 88.5	87.2 88.5	87.2 88.5	87.2 88.5	87.2 88.5	87.2 88.5
IV 14000 IV 12000	89.7 91.8	90.1 92.3	90.3 92.4	90.3 92.5	90.3 92.5	90.3 92.5	90.4 92.6	90.4 92.6	90.4 92.6	90.5 92.6	90.5 92.6	90.5 92.6	90.5 92.6	90.5 92.6	90.5 92.7	90.5 92.7
IV 10000 IV 9000	93.5 94.0	94.0 94.5	94.1 94.7	94.2 94.7	94.2 94.8	94.2 94.8	94.2 94.8	94.3 94.8	94.3 94.8	94.3 94.9	94.3 94.9	94.3 94.9	94.3 94.9	94.3 94.9	94.3 94.9	94.3 94.9
IV 8000 IV 7000	95.4 96.3	96.0 96.8	96.1 97.0	96.2 97.0	96.2 97.1	96.2 97.1	96.2 97.1	96.3 97.1	96.3 97.1	96.3 97.2	96.3 97.2	96.3 97.2	96.3 97.2	96.3 97.2	96.4 97.2	96.4 97.2
IV 6000 IV 5000	97.2 98.0	97.7 98.6	97.9 98.8	97.9 98.8	98.0 98.9	98.0 98.9	98.0 98.9	98.0 98.9	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.1	98.1 99.1
IV 4500 IV 4000	98.1 98.3	98.7 99.0	98.8 99.1	98.9 99.2	99.0 99.2	99.0 99.2	99.0 99.2	99.0 99.3	99.0 99.3	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4
IV 3500 IV 3000	98.4 98.5	99.1 99.3	99.2 99.4	99.3 99.5	99.3 99.5	99.3 99.5	99.4 99.6	99.4 99.6	99.4 99.6	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
IV 2500 IV 2000	98.6 98.7	99.3 99.4	99.5 99.6	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.8	99.7 99.8	99.7 99.8	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.8 99.9	99.8 99.9
IV 1800 IV 1500	98.7 98.7	99.5 99.5	99.6 99.7	99.7 99.8	99.8 99.8	99.8 99.8	99.8 99.9	99.8 99.9	99.8 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 1200 IV 1000	98.7 98.7	99.5 99.5	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 900 IV 800	98.7 98.7	99.5 99.5	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 700 IV 600	98.7 98.7	99.5 99.5	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 500 IV 400	98.7 98.7	99.5 99.5	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 300 IV 200	98.7 98.7	99.5 99.5	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 100 IV 0	98.7 98.7	99.5 99.5	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS

19289

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
IV 18000	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 16000	91.6	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 14000	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
IV 12000	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
IV 10000	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 9000	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 8000	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 7000	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
IV 6000	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 5000	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 4500	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 4000	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 3500	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 3000	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 2500	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 2000	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1800	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1500	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1200	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1000	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 900	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 800	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 700	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 600	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 500	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 19959

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 20000	93.7	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 18000	94.1	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 16000	94.8	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 14000	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 12000	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 10000	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 9000	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 8000	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 7000	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 6000	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 5000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 4500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 4000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 3500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 3000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 2500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 2000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1800	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1200	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 900	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 800	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 700	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 600	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

19048

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 20000	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 18000	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 14000	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 12000	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 10000	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 8000	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 7000	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 6000	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 3500	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 3000	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2500	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 2000	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1800	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1500	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 19660

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
≥ 20000	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 18000	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 16000	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 14000	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 12000	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 10000	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 9000	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 8000	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 7000	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

20030

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥.16	≥.1	≥0
NO CEILING ≥ 20000	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 13000	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 16000	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 14000	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 12000	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 10000	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 90% 8000	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 7000	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 6000	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 5000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

19390

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22112 NELLIS AFB NEVADA/LAS VEGAS

42-43, 49-72

YEARS

DOY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5-10	≥ .	≥ 0
NO CEILING	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 20000	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 18000	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 16000	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 14000	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
≥ 12000	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 10000	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 9000	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 8000	97.9	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 7000	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 6000	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 5000	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 4500	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 4000	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 3500	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112

NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 18000	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 16000	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 14000	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 12000	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 10000	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 9000	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 8000	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 7000	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 6000	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 5000	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 4500	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 4000	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3500	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3000	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2500	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1800	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1500	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	98.9	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

18647

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS 42-43, 49-72 YEARS DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL MONTHS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING ≥ 20000	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4
≥ 18000	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV ≥ 16000	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV ≥ 14000	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV ≥ 12000	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV ≥ 10000	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0
IV ≥ 8000	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV ≥ 7000	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV ≥ 6000	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV ≥ 5000	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV ≥ 4500	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
IV ≥ 4000	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
IV ≥ 3500	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IV ≥ 3000	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV ≥ 2500	97.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
IV ≥ 2000	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	98.9	98.9	98.9
IV ≥ 1800	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV ≥ 1500	98.5	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV ≥ 1200	98.6	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV ≥ 1000	98.6	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV ≥ 900	98.6	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV ≥ 800	98.6	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 700	98.6	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV ≥ 600	98.6	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV ≥ 500	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV ≥ 400	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV ≥ 300	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV ≥ 200	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV ≥ 100	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV ≥ 0	98.6	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

19248

AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112
STATIONNELLIS AFB NEVADA/LAS VEGAS
STATION NAME43-44,49-72
YEARJAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0000-0200
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	76.7 83.2	76.8 83.3	76.8 83.3	76.8 83.3	76.8 83.3	76.8 83.3	76.8 83.3	75.8 83.3	76.8 83.3	76.8 83.3	76.8 83.3	76.8 83.3	76.8 83.3	76.8 83.3	76.8 83.3	76.8 83.3
IV 18000	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 16000	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 14000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 12000	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 10000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 9000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 8000	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 7000	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 6000	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 5000	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 4500	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 4000	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 3500	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 3000	97.5	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 2500	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 2000	98.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1500	98.7	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2377

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 HELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	76.1 83.7	76.1 83.7	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8	76.1 83.8
≥ 18000 IV 16000	84.3 85.9	84.3 85.9	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0	84.3 86.0
≥ 14000 IV 12000	88.0 90.2	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3	88.1 90.3
≥ 10000 IV 9000	91.2 91.5	91.2 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6	91.3 91.6
≥ 8000 IV 7000	92.7 93.3	92.7 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4
≥ 6000 IV 5000	94.1 95.5	94.2 95.6	94.2 95.6	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7	94.3 95.7
≥ 4500 IV 4000	96.0 96.5	96.1 96.7	96.2 96.7	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9
≥ 3500 IV 3000	96.8 97.4	97.1 98.0	97.1 98.0	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2
≥ 2500 IV 2000	97.7 98.1	98.3 98.7	98.3 98.8	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9
≥ 1800 IV 1500	98.2 98.4	98.9 99.2	99.0 99.3	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4
≥ 1200 IV 1000	98.5 98.6	99.2 99.4	99.4 99.6	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.8
≥ 900 IV 800	98.6 98.6	99.4 99.4	99.6 99.7	99.8 99.8	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9
≥ 700 IV 600	98.6 98.6	99.4 99.4	99.7 99.7	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 500 IV 400	98.6 98.6	99.4 99.4	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
≥ 300 IV 200	98.6 98.6	99.4 99.4	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 IV 0	98.6 98.6	99.4 99.4	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

2381

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0.16	≥0
NO CEILING ≥ 20000	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
≥ 18000	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	79.9	79.9	79.9
≥ 16000	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 14000	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5
≥ 12000	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2
≥ 10000	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 9000	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 8000	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 7000	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 6000	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 5000	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 4500	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 4000	95.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 3500	95.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 3000	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 2500	96.5	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 2000	96.7	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 1800	97.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1500	97.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8
≥ 1200	97.6	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 1000	97.7	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.5
≥ 900	97.7	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 800	97.7	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 700	97.7	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 600	97.7	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 500	97.7	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 400	97.7	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 300	97.7	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 200	97.7	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 100	97.7	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 0	97.7	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS

2360

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 18000	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 16000	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 14000	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 12000	85.0	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 10000	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 9000	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 8000	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 7000	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 6000	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 5000	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 4500	94.4	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
IV 4000	95.2	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3500	95.9	96.7	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IV 3000	96.4	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 2500	96.7	97.5	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
IV 2000	97.0	97.9	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	97.1	98.2	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1600	97.2	98.4	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 1500	97.4	98.8	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	97.4	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 1000	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 700	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 600	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 500	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 200	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 100	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 0	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2367

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING ≥ 20000	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 16000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 14000	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 12000	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000	91.5	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 5000	93.0	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	95.1	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8
≥ 4000	96.7	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5
≥ 3500	96.6	97.2	97.3	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 3000	96.9	97.5	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 2500	97.4	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5
≥ 2000	97.7	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8
≥ 1800	97.9	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.2
≥ 1500	98.2	98.9	99.1	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 1200	98.2	99.1	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1000	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 900	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 800	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 600	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 0	98.3	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2377

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS T-1

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1	≥0
NO CEILING	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 20000	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.7
≥ 18000	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 16000	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6
≥ 14000	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 12000	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5
≥ 10000	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.2
≥ 9000	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 8000	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 7000	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 6000	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
≥ 5000	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8
≥ 4500	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5
≥ 4000	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 3500	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 3000	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 2500	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 2000	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 1800	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 1500	98.5	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1200	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1000	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 900	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 800	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 700	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 600	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 500	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0	98.6	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 2369

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS UT-5

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5'16"	≥4'	≥0
NO CEILING ≥ 20000	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 18000	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0
IV 16000	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	84.3	84.3	84.3
IV 14000	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 12000	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0
IV 10000	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2
IV 9000	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 8000	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 7000	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8
IV 6000	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 5000	94.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 4500	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5
IV 4000	96.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
IV 3500	96.5	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
IV 3000	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IV 2500	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
IV 2000	97.5	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
IV 1800	98.0	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 1500	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 1200	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 1000	98.4	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 900	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 800	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 700	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 600	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 500	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 400	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 100	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 0	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112

NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 20000	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 18000	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 16000	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 14000	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 12000	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 10000	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 9000	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 8000	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 7000	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 6000	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 5000	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 4500	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 4000	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3500	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 3000	97.5	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 2500	97.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 2000	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	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	99.1	99.1	99.1
IV 1500	98.6	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	98.7	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	98.8	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2363

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 18000	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 16000	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
IV 14000	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
IV 12000	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 10000	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 9000	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
IV 8000	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV 7000	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 6000	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5
IV 5000	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
IV 4500	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 4000	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3500	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 3000	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 2500	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2182

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44, 49-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 20000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 18000	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 16000	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 14000	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 12000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 10000	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 8000	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 6000	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4000	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2182

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44-42-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5-16	≥0
NO CEILING ≥ 20000	71.6 82.0	71.7 82.1	71.8 82.1	71.8 82.1	71.8 82.2	71.8 82.2	71.8 82.2	71.8 82.2	71.8 82.2	71.8 82.2	71.8 82.2	71.8 82.2	71.8 82.2	71.8 82.2	71.8 82.2	71.8 82.2
≥ 18000 ≥ 16000	82.8 84.2	82.9 84.2	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3	83.0 84.3
≥ 14000 ≥ 12000	87.3 89.3	87.4 89.4	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5	87.4 89.5
≥ 10000 ≥ 9000	91.1 91.4	91.3 92.0	91.3 92.1	91.4 92.1	91.4 92.2	91.4 92.2	91.4 92.2	91.4 92.2	91.4 92.2	91.4 92.2	91.4 92.2	91.4 92.2	91.4 92.2	91.4 92.2	91.4 92.2	91.4 92.2
≥ 8000 ≥ 7000	93.7 95.3	93.9 95.5	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6	94.0 95.6
≥ 6000 ≥ 5000	96.8 97.7	97.1 98.0	97.1 98.1	97.2 98.1	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2	97.2 98.2
≥ 4000 ≥ 3000	98.2 98.3	98.6 98.7	98.7 98.8	98.7 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9	98.8 98.9
≥ 2500 ≥ 2000	98.8 99.0	98.8 99.7	98.9 99.9	99.0 99.9	99.0 100.0	99.0 100.0	99.0 100.0	99.0 100.0	99.0 100.0	99.0 100.0	99.0 100.0	99.0 100.0	99.0 100.0	99.0 100.0	99.0 100.0	99.0 100.0
≥ 1800 ≥ 1500	99.0 99.3	99.7 99.7	99.9 99.9	99.9 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 1200 ≥ 1000	99.0 99.0	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 900 ≥ 800	99.0 99.0	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 700 ≥ 600	99.0 99.0	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 500 ≥ 400	99.0 99.0	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 300 ≥ 200	99.0 99.0	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 0	99.0 99.0	99.7 99.7	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

2183

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23112~~ NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-1100
HOURS 1511

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ .	≥ 0
NO CEILING ≥ 70000	71.1 82.4	71.2 82.5	71.2 83.5	71.3 83.5	71.3 83.5	71.3 83.5	71.3 83.5	71.3 83.5	71.3 83.5	71.3 83.5	71.3 83.5	71.3 83.5	71.3 83.5	71.3 83.5	71.2 83.6	71.3 83.6
≥ 18000 IV 16000	84.4 85.4	84.5 85.5	84.5 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5	84.6 85.5
≥ 14000 IV 12000	88.1 89.6	88.2 89.7	88.2 89.7	88.2 89.8	88.2 89.8	88.2 89.8	88.3 89.8	88.3 89.8	88.3 89.8	88.3 89.8	88.3 89.8	88.3 89.8	88.3 89.8	88.3 89.9	88.3 89.9	88.3 89.9
≥ 10000 IV 9000	91.5 92.3	91.6 92.4	91.6 92.4	91.7 92.5	91.7 92.5	91.7 92.5	91.7 92.5	91.7 92.5	91.7 92.5	91.7 92.5	91.7 92.5	91.7 92.5	91.7 92.5	91.8 92.6	91.8 92.6	91.8 92.6
IV 8000 IV 7000	93.4 94.6	93.6 95.0	93.6 95.0	93.6 95.0	93.6 95.0	93.6 95.0	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1	93.7 95.1
IV 6000 IV 5000	95.6 97.1	96.0 97.4	96.0 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.6	96.1 97.6	96.1 97.6	96.1 97.6	96.1 97.6	96.1 97.6	96.1 97.6	96.2 97.6	96.2 97.6	96.2 97.6
IV 4500 IV 4000	97.6 98.1	98.1 98.5	98.1 98.6	98.2 98.6	98.2 98.7	98.2 98.7	98.2 98.7	98.2 98.7	98.2 98.7	98.2 98.7	98.2 98.7	98.2 98.7	98.2 98.7	98.3 98.8	98.3 98.8	98.3 98.8
IV 3500 IV 3000	98.2 98.6	98.6 98.9	98.7 99.0	98.7 99.1	98.8 99.1	98.8 99.1	98.8 99.2	98.8 99.2	98.8 99.2	98.8 99.2	98.8 99.2	98.8 99.2	98.8 99.2	98.9 99.2	98.9 99.2	98.9 99.2
IV 2500 IV 2000	98.6 98.7	99.1 99.2	99.2 99.4	99.3 99.4	99.3 99.5	99.3 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.6	99.4 99.6	99.4 99.6
IV 1800 IV 1500	98.8 98.9	99.3 99.4	99.5 99.5	99.5 99.6	99.5 99.6	99.5 99.6	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.7 99.8	99.7 99.8	99.7 99.8
IV 1200 IV 1000	98.8 98.8	99.5 99.5	99.6 99.7	99.7 99.8	99.8 99.8	99.8 99.8	99.8 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 100.0	99.9 100.0	99.9 100.0
IV 900 IV 800	98.8 98.8	99.3 99.5	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV 700 IV 600	98.8 98.8	99.5 99.6	99.7 99.7	99.8 99.8	99.8 99.9	99.8 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 IV 400	98.8 98.8	99.6 99.6	99.7 99.7	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 IV 200	98.8 98.8	99.6 99.6	99.7 99.7	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	98.8 98.8	99.6 99.6	99.7 99.7	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

2182

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

YEARS

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.2
NO CEILING ≥ 20000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 14000	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	97.2	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2180

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44-49-72

FE8

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	79.7	79.8	79.8	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
≥ 18000	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 14000	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 12000	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	89.6	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	93.2	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	97.1	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	97.6	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	98.0	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.6	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.8	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.8	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.0	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2171

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20112 NELLIS AFB NEVADA LAS VEGAS

43-44-40-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8
≥ 18000	82.0	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5
≥ 16000	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5
≥ 14000	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
≥ 12000	86.2	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	88.2	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 9000	90.0	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6
≥ 8000	91.0	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6
≥ 7000	92.2	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
≥ 6000	94.2	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 5000	96.0	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	97.0	97.5	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 4000	97.4	98.0	98.0	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	97.6	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 3000	98.0	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 2500	98.6	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 2000	98.8	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1800	98.9	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1500	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1200	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1000	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2181

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS 43-44-49-72

FFB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000	78.2	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 18000	84.6	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1
IV 16000	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
IV 14000	87.6	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 12000	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
IV 10000	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 9000	91.4	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 8000	92.5	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 7000	93.4	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 6000	95.2	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 5000	96.8	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 4500	97.6	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 4000	97.9	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3500	98.5	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 3000	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 2500	99.1	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 2000	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.4	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING IV 20000	80.6	80.8	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 18000	87.6	87.9	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 16000	88.0	88.3	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 14000	89.2	89.5	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 12000	90.2	90.7	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 10000	92.1	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 9000	93.9	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 8000	94.3	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 7000	95.1	95.7	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 6000	95.8	96.3	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 5000	96.6	97.2	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 4500	97.1	97.6	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 4000	97.4	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 3500	97.7	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 3000	98.1	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 2500	98.4	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	98.4	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1800	98.4	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1500	98.5	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	98.6	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.6	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2464

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 20000	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
IV 18000	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
IV 16000	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 14000	90.6	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
IV 12000	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 10000	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 9000	94.0	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 8000	95.0	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6
IV 7000	95.7	95.9	96.0	96.0	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 6000	96.7	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
IV 5000	97.5	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
IV 4500	97.8	98.0	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 4000	97.8	98.0	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 3500	97.8	98.2	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 3000	98.1	98.5	98.6	98.6	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	98.4	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
IV 2000	98.7	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 1800	98.7	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 1500	98.0	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1200	98.8	99.5	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	98.9	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

YEARS

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	74.0	74.2	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	84.5	84.7	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
IV 18000	85.6	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 16000	87.7	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 14000	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 12000	91.8	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 10000	93.4	93.6	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
IV 9000	94.1	94.3	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
IV 8000	95.1	95.4	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
IV 7000	95.6	95.8	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4
IV 6000	96.3	96.6	96.7	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IV 5000	97.3	97.6	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
IV 4500	97.5	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 4000	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 3500	97.9	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV 3000	98.3	98.7	98.8	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 2500	98.6	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
IV 2000	98.7	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 1800	98.7	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1500	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1200	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1000	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 900	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 800	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 700	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 600	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 500	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 400	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 100	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 0	98.7	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23112~~ ~~NELLIS AFB NEVADA/LAS VEGAS~~

~~42-44,49-72~~

YEARS

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS 1-51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4/16	≥0
NO CEILING ≥ 20000	73.8 85.9	74.2 86.4	74.3 86.6	74.3 86.6	74.4 86.7	74.4 86.7	74.5 86.7	74.5 86.7	74.5 86.7	74.5 86.8	74.5 86.8	74.5 86.8	74.5 86.9	74.5 86.9	74.5 86.9	74.5 86.9
IV 18000	87.0	87.5	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
IV 16000	88.2	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 14000	90.0	90.6	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
IV 12000	92.1	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
IV 10000	93.1	93.8	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
IV 9000	93.6	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
IV 8000	94.6	95.2	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 7000	95.1	95.7	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
IV 6000	95.9	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
IV 5000	97.2	97.9	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 4500	97.2	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
IV 4000	97.4	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV 3500	97.5	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 3000	97.8	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
IV 2500	98.1	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV 2000	98.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1800	98.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1600	98.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1500	98.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 1200	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 1000	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 900	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 800	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 700	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 600	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 500	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 400	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 300	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2467

2
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ ¼	≥ 0
NO CEILING	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2
IV 20000	84.6	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.4
IV 18000	85.5	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.3	86.3
IV 16000	86.4	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.2	87.2
IV 14000	88.4	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.3	89.3
IV 12000	89.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.8	90.8
IV 10000	90.9	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.9	91.9
IV 9000	91.8	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.9	92.9
IV 8000	92.8	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8
IV 7000	93.8	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8
IV 6000	95.3	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.5	96.5
IV 5000	96.7	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	98.0	98.0
IV 4500	96.9	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.3	98.3
IV 4000	97.3	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98.7
IV 3500	97.4	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.8	98.8
IV 3000	97.8	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.2	99.2
IV 2500	98.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8
IV 2000	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 1800	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 1500	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 1200	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 1000	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 900	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 800	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 700	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 600	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 500	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 400	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 300	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 200	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 100	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
IV 0	98.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2465

USAF ETAC

FORM
JUL 64

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

YEARS

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3
≥ 20000	81.7	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.4
≥ 18000	82.8	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5
IV 16000	84.2	84.5	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.9
IV 14000	86.5	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2
IV 12000	88.5	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4
IV 10000	90.4	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3
IV 9000	91.3	91.7	91.7	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.3	92.3
IV 8000	92.7	93.1	93.2	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.7
IV 7000	93.6	94.1	94.1	94.2	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.7	94.7
IV 6000	95.6	96.1	96.1	96.2	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.7
IV 5000	96.8	97.4	97.4	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	98.0
IV 4500	97.1	97.6	97.6	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.2
IV 4000	97.7	98.3	98.3	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9
IV 3500	98.0	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1
IV 3000	98.4	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
IV 2500	98.6	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 2000	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 1800	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 1500	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 1200	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 1000	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 900	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 800	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 700	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 600	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 500	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 400	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 100	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 0	98.7	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2459

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

KAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5 16	≥¼	≥0
NO CEILING ≥ 20000	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 18000	84.1	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 16000	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 14000	86.7	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0
≥ 12000	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 10000	90.3	90.5	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.0
≥ 9000	92.5	92.7	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 8000	92.9	93.1	93.2	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7
≥ 7000	94.2	94.3	94.6	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1
≥ 6000	94.8	95.1	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.7
≥ 5000	96.3	96.6	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 4500	97.1	97.5	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 4000	97.4	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5
≥ 3500	98.3	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.3
≥ 3000	98.3	98.7	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.4
≥ 2500	98.3	98.7	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.4
≥ 2000	98.4	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 1800	98.5	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1500	98.6	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1200	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1000	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 900	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 800	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 700	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.7	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2466

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 20000	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 18000	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 16000	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 14000	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 12000	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 10000	94.5	94.8	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 9000	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 8000	95.8	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 7000	96.3	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 6000	97.3	97.7	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
IV 5000	97.8	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
IV 4500	98.0	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 4000	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 3500	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 3000	98.8	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2500	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 2000	98.9	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2466

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
GROUP 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	80.5	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 20000	87.9	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 18000	88.7	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 16000	90.1	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 14000	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 12000	93.6	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 10000	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 9000	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	96.6	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	97.5	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	98.1	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	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	99.3	99.3	99.3
≥ 4500	98.8	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 4000	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 3500	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 3000	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	100.0	100.0	100.0
≥ 2500	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	100.0	100.0	100.0
≥ 2000	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2414

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓ 16	≥¼	≥0
NO CEILING ≥ 20000	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2
≥ 18000	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
≥ 16000	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 14000	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 12000	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
≥ 10000	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6
≥ 9000	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 8000	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 7000	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 6000	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 5000	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 4500	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 4000	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 3500	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 3000	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7
≥ 2500	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 2000	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1800	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2414

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS 1-5

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING ≥ 20000	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6
≥ 18000	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0
IV 16000	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5
IV 14000	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1
IV 12000	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0
IV 10000	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1
IV 9000	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5
IV 8000	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8
IV 7000	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
IV 6000	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
IV 5000	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
IV 4500	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8
IV 4000	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 3500	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 3000	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 2500	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 2000	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 1800	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 1500	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 1200	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 1000	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 900	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 800	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 700	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 600	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 500	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 400	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 300	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 200	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 100	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

2412

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	75.0	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV ≥ 18000	86.2	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV ≥ 16000	87.6	88.0	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
IV ≥ 14000	86.7	89.0	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV ≥ 12000	90.6	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
IV ≥ 10000	92.4	92.7	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2
IV ≥ 9000	94.2	94.6	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
IV ≥ 8000	94.6	95.0	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV ≥ 7000	95.5	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
IV ≥ 6000	96.1	96.4	96.5	96.7	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV ≥ 5000	96.8	97.1	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV ≥ 4500	97.5	97.9	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV ≥ 4000	97.6	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV ≥ 3500	97.8	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV ≥ 3000	97.9	98.4	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV ≥ 2500	98.0	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
IV ≥ 2000	98.1	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV ≥ 1800	98.2	99.0	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 1500	98.3	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV ≥ 1200	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 1000	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 900	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 800	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 700	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 600	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 500	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 400	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 300	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 200	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 100	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV ≥ 0	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2410

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	71.9	72.5	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 18000	82.2	82.8	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 16000	83.2	83.8	84.0	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 14000	84.3	85.0	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
IV 12000	85.9	86.5	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 10000	88.6	89.3	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 9000	90.5	91.3	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9
IV 8000	91.1	91.9	92.2	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6
IV 7000	93.3	94.1	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
IV 6000	94.4	95.2	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0
IV 5000	96.1	96.8	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.7
IV 4500	97.3	98.1	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 4000	97.4	98.2	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0
IV 3500	97.5	98.4	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
IV 3000	97.7	98.7	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
IV 2500	97.8	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7
IV 2000	97.8	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7
IV 1800	98.0	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9
IV 1500	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 1200	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 1000	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 900	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 800	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 700	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 600	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 500	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 400	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 300	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 200	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	98.0	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (PST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1'	≥0
NO CEILING ≥ 20000	69.4 81.5	70.2 82.2	70.3 82.4	70.3 82.4	70.4 82.5	70.4 82.5	70.5 82.6	70.6 82.7	70.7 82.8	70.7 82.9	70.7 82.9	70.7 82.9	70.7 82.9	70.7 82.9	70.7 82.9	70.7 82.9
IV 18000 16000	82.8 84.5	83.6 85.3	83.8 85.5	83.8 85.6	83.9 85.6	83.9 85.6	84.1 85.8	84.1 85.9	84.3 86.0	84.3 86.1	84.3 86.1	84.3 86.1	84.3 86.1	84.3 86.1	84.3 86.1	84.3 86.1
IV 14000 12000	86.7 88.9	87.5 89.8	87.8 90.0	87.8 90.1	87.9 90.2	87.9 90.2	88.0 90.3	88.1 90.4	88.3 90.5	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6
IV 10000 9000	90.6 91.3	91.5 92.2	91.7 92.4	91.8 92.4	91.9 92.5	91.9 92.5	92.0 92.7	92.1 92.8	92.2 92.9	92.3 92.9	92.3 92.9	92.3 92.9	92.3 92.9	92.3 92.9	92.3 92.9	92.3 92.9
IV 8000 7000	93.4 94.7	94.4 95.7	94.6 95.9	94.6 95.9	94.8 96.1	94.8 96.1	94.9 96.2	95.0 96.3	95.1 96.4	95.2 96.5	95.2 96.5	95.2 96.5	95.2 96.5	95.2 96.5	95.2 96.5	95.2 96.5
IV 6000 5000	95.9 97.1	96.9 98.2	97.1 98.4	97.1 98.5	97.3 98.6	97.3 98.6	97.4 98.8	97.5 98.8	97.6 99.0	97.7 99.0	97.7 99.0	97.7 99.0	97.7 99.0	97.7 99.0	97.7 99.0	97.7 99.0
IV 4500 4000	97.1 97.7	98.2 98.8	98.4 99.0	98.5 99.1	98.6 99.2	98.6 99.2	98.8 99.4	98.8 99.5	99.0 99.6	99.0 99.6	99.0 99.6	99.0 99.6	99.0 99.6	99.0 99.6	99.0 99.6	99.0 99.6
IV 3500 3000	97.8 97.9	98.9 99.1	99.1 99.3	99.1 99.3	99.3 99.5	99.3 99.5	99.4 99.6	99.5 99.7	99.6 99.8	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9
IV 2500 2000	98.0 98.0	99.2 99.2	99.4 99.4	99.4 99.5	99.5 99.6	99.5 99.6	99.7 99.8	99.8 99.8	99.9 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1800 1500	98.0 98.0	99.2 99.2	99.4 99.4	99.5 99.5	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1200 1000	98.0 98.0	99.2 99.2	99.4 99.4	99.5 99.5	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 900 800	98.0 98.0	99.2 99.2	99.4 99.4	99.5 99.5	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 700 600	98.0 98.0	99.2 99.2	99.4 99.4	99.5 99.5	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 400	98.0 98.0	99.2 99.2	99.4 99.4	99.5 99.5	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 200	98.0 98.0	99.2 99.2	99.4 99.4	99.5 99.5	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	98.0 98.0	99.2 99.2	99.4 99.4	99.5 99.5	99.6 99.6	99.6 99.6	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2409

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23412 NELLIS AFB NEVADA/LAS VEGAS 42-44, 49-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
HOURS - LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	76.5 84.8	77.0 85.3	77.2 85.5	77.2 85.5	77.2 85.5	77.2 85.5	77.3 85.6	77.3 85.6	77.3 85.6	77.3 85.6	77.3 85.6	77.3 85.6	77.3 85.6	77.3 85.6	77.3 85.6	77.3 85.6
IV 18000 16000	85.8 86.7	86.5 87.5	86.7 87.7	86.7 87.7	86.7 87.7	86.7 87.7	86.8 87.7	86.8 87.7	86.8 87.7	86.8 87.7	86.8 87.7	86.8 87.7	86.8 87.7	86.8 87.7	86.8 87.7	86.8 87.7
IV 14000 12000	88.3 90.7	89.1 91.4	89.4 91.7	89.4 91.7	89.4 91.7	89.4 91.7	89.5 91.8	89.5 91.8	89.5 91.8	89.5 91.8	89.5 91.8	89.5 91.8	89.5 91.8	89.5 91.8	89.5 91.8	89.5 91.8
IV 10000 9000	92.5 93.4	93.3 94.1	93.5 94.4	93.6 94.4	93.6 94.4	93.6 94.4	93.6 94.5	93.6 94.5	93.6 94.5	93.6 94.5	93.6 94.5	93.6 94.5	93.6 94.5	93.6 94.5	93.6 94.5	93.6 94.5
IV 8000 7000	95.3 95.9	96.1 96.8	96.4 97.1	96.4 97.1	96.5 97.2	96.5 97.2	96.5 97.2	96.5 97.2	96.5 97.2	96.5 97.2	96.5 97.2	96.5 97.2	96.5 97.2	96.5 97.2	96.5 97.2	96.5 97.2
IV 6000 5000	96.8 97.9	97.8 98.9	98.0 99.2	98.0 99.2	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3	98.1 99.3
IV 4500 4000	98.0 98.2	99.0 99.3	99.3 99.5	99.3 99.5	99.3 99.6	99.3 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6
IV 3500 3000	98.3 98.3	99.3 99.4	99.6 99.7	99.6 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
IV 2500 2000	98.4 98.4	99.5 99.5	99.8 99.9	99.8 99.9	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0
IV 1800 1500	98.4 98.4	99.5 99.5	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1200 1000	98.4 98.4	99.5 99.5	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 900 800	98.4 98.4	99.5 99.5	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 700 600	98.4 98.4	99.5 99.5	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 400	98.4 98.4	99.5 99.5	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 200	98.4 98.4	99.5 99.5	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	98.4 98.4	99.5 99.5	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

2408

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2
(

6

42=44, 49=72

APR 1968

~~2100-2300~~

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	81.7 88.3	82.0 88.6	82.0 88.6	82.1 88.7	82.1 88.7	82.1 88.7	82.1 88.7	82.2 88.7	82.2 88.7	82.2 88.7	82.2 88.7	82.2 88.7	82.2 88.7	82.2 88.7	82.2 88.7	82.2 88.7
IV 18000 16000	89.3 90.0	89.6 90.4	89.6 90.4	89.7 90.5	89.7 90.5	89.7 90.5	89.7 90.5	89.7 90.6	89.7 90.6	89.7 90.6	89.7 90.6	89.7 90.6	89.7 90.6	89.7 90.6	89.7 90.6	89.7 90.6
IV 14000 12000	91.2 93.4	91.7 93.9	91.7 93.9	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0	91.8 94.0
IV 10000 9000	94.7 95.2	95.2 95.7	95.2 95.7	95.3 95.9	95.3 95.9	95.3 95.9	95.3 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9
IV 8000 7000	96.5 97.2	97.0 97.7	97.0 97.7	97.1 97.8	97.1 97.8	97.1 97.8	97.1 97.8	97.2 97.9	97.2 97.9	97.2 97.9	97.2 97.9	97.2 97.9	97.2 97.9	97.2 97.9	97.2 97.9	97.2 97.9
IV 6000 5000	97.9 98.6	98.4 99.1	98.4 99.1	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3	98.6 99.3
IV 4500 4000	98.6 98.9	99.1 99.5	99.2 99.5	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7
IV 3500 3000	99.0 99.2	99.6 99.8	99.6 99.8	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0
IV 2500 2000	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1800 1500	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1200 1000	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 900 800	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 700 600	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 400	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 200	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	99.2 99.2	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS. 2416

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112

NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 18000	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 16000	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 14000	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 12000	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 10000	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 9000	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 8000	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 7000	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 6000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 5000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4500	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2501

CEILING VERSUS VISIBILITY

MAY

0300-0500

TOTAL NUMBER OF OBSERVATIONS 2494

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4/16	≥0
NO CEILING	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 20000	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 18000	91.6	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 16000	92.5	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 14000	94.5	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 12000	95.9	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 10000	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 9000	97.6	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 8000	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 7000	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 6000	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 5000	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 4500	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4000	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3500	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3000	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2500	99.2	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2000	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.3	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2492

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING ≥ 20000	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000 N 16000	91.6	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 14000 N 12000	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
≥ 10000 N 9000	93.4	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 8000 N 7000	94.3	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 6000 N 5000	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 4500 N 4000	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500 N 3000	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 2500 N 2000	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4
≥ 1800 N 1500	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 1200 N 1000	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900 N 800	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700 N 600	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 500 N 400	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300 N 200	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100 N 0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2491

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 18000	89.2	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 16000	90.5	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 14000	91.7	91.8	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 12000	92.9	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 10000	94.7	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 9000	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 8000	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 7000	97.5	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	98.5	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 5000	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 4500	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2498

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING, FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	88.0	88.1	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 18000	88.4	88.5	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
IV 16000	89.9	90.0	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7
≥ 14000	91.5	91.6	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
IV 12000	93.0	93.1	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 10000	95.0	95.1	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
IV 9000	96.2	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 8000	97.4	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 7000	98.1	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 6000	98.6	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 5000	98.9	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 4500	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 4000	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 3500	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 3000	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 2500	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 2000	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1800	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 1500	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1200	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 1000	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 800	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 600	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 400	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2496

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22-112 ~~NELLIS AFB NEVADA/LAS VEGAS~~

42-44,49-72

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000	80.6	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 16000	92.5	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 14000	93.7	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 12000	94.9	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 10000	96.4	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 9000	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 8000	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 7000	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 6000	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2494

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .16	≥ 0
NO CEILING	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 20000	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 18000	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 16000	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 14000	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 12000	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 10000	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 9000	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 8000	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 7000	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 6000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2493

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-43-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	92.7 95.4	93.1 95.8	93.1 95.9	93.1 95.9	93.1 95.9	93.1 95.9	93.1 95.9	93.1 95.9	93.1 95.9	93.2 96.0	93.2 96.0	93.2 96.0	93.2 96.0	93.2 96.0	93.2 96.0	93.2 96.0
≥ 18000 ≥ 16000	95.8 96.4	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.2 96.9	96.3 97.0	96.3 97.0	96.3 97.0	96.3 97.0	96.3 97.0	96.3 97.0	96.3 97.0
≥ 14000 ≥ 12000	97.3 98.2	97.8 98.6	97.8 98.7	97.8 98.7	97.8 98.7	97.8 98.7	97.8 98.7	97.8 98.7	97.8 98.7	97.9 98.7	97.9 98.7	97.9 98.7	97.9 98.7	97.9 98.7	97.9 98.7	97.9 98.7
≥ 10000 ≥ 9000	98.9 99.0	99.3 99.5	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
≥ 8000 ≥ 7000	99.2 99.2	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 6000 ≥ 5000	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 4500 ≥ 4000	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 3500 ≥ 3000	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 2500 ≥ 2000	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 1800 ≥ 1500	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 1200 ≥ 1000	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 900 ≥ 800	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 700 ≥ 600	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 500 ≥ 400	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 300 ≥ 200	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 0	99.3 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	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2379

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 20000	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 18000	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 16000	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 14000	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 12000	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 10000	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 9000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 8000	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 7000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 6000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2380

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 18000	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
≥ 16000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1
≥ 14000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 12000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 10000	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 9000	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 8000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 7000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2379

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV ≥ 18000	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV ≥ 16000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV ≥ 14000	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV ≥ 12000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV ≥ 10000	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV ≥ 9000	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV ≥ 8000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV ≥ 7000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 6000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 5000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 4500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 4000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 3500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 3000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 2500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 700	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 00	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2376

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 20000	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 18000	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 16000	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 14000	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 12000	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 10000	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 8000	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 7000	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 6000	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 5000	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 4500	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 4000	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 3500	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 3000	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 2500	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 2000	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1800	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1500	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1200	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1000	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2385

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	85.4 91.5	85.7 91.9	85.7 91.9	85.8 92.0	85.8 92.0	85.8 92.0	85.9 92.1	85.9 92.1	85.9 92.1	85.9 92.2	85.9 92.2	85.9 92.2	85.9 92.2	85.9 92.2	85.9 92.2	85.9 92.2
IV ≥ 18000 16000	91.7 92.4	92.0 92.7	92.0 92.7	92.1 92.8	92.2 92.9	92.2 92.9	92.2 93.0	92.2 93.0	92.2 93.0	92.3 93.0	92.3 93.0	92.3 93.0	92.3 93.0	92.3 93.0	92.3 93.0	92.3 93.0
IV ≥ 14000 12000	93.8 95.6	94.2 96.0	94.2 96.0	94.3 96.1	94.3 96.1	94.3 96.1	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2
IV ≥ 10000 9000	97.3 97.9	97.7 98.3	97.7 98.3	97.8 98.4	97.8 98.4	97.8 98.4	97.9 98.5	97.9 98.5	97.9 98.5	97.9 98.6	97.9 98.6	97.9 98.6	97.9 98.6	97.9 98.7	97.9 98.7	97.9 98.7
IV ≥ 8000 7000	98.5 98.8	99.0 99.2	99.0 99.2	99.1 99.3	99.1 99.4	99.1 99.4	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.3 99.6	99.3 99.6	99.3 99.6
IV ≥ 6000 5000	99.0 99.1	99.5 99.6	99.5 99.6	99.6 99.7	99.6 99.7	99.6 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.8 99.9	99.8 99.9	99.8 99.9	99.8 99.9	99.9 100.0	99.9 100.0	99.9 100.0
IV ≥ 4500 4000	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 3500 3000	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 2500 2000	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 1800 1500	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 1200 1000	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 900 800	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 700 600	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 500 400	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 300 200	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
IV ≥ 100 0	99.1 99.1	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2384

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 18000	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 16000	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 14000	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 12000	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 10000	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 9000	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 8000	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 7000	98.8	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 6000	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2381

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 23112 NELLIS AFB NEVADA/LAS VEGAS STATION NAME 42-44,49-72 YEARS MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	91.2	91.4	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8
≥ 20000	94.3	94.5	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 18000	94.7	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
IV 16000	95.2	95.5	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
IV 14000	96.3	96.6	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
IV 12000	97.7	97.9	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 10000	98.8	99.0	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 9000	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
IV 8000	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 7000	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 6000	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 5000	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 4500	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 4000	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 3500	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 3000	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 2500	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 2000	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1800	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1500	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1200	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1000	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 900	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 800	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 700	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 600	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 500	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	99.2	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2384

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
GROUP (HRS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 20000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 18000	58.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 16000	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 14000	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 12000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 10000	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 9000	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 8000	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 7000	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 6000	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 5000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2463

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 18000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 16000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 14000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 12000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 10000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 9000	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 8000	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 7000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 6000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 5000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2459

2
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 16000	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 14000	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 12000	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 10000	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 9000	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 8000	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 7000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112- NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 20000	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 18000	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 16000	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 14000	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 12000	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 10000	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 9000	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 8000	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 7000	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 6000	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2448

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 18000	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 16000	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
IV 14000	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3
IV 12000	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 10000	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 9000	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 8000	98.4	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 7000	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 6000	98.8	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
IV 5000	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4500	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4000	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3500	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 3000	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 2500	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 2000	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1800	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1500	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1200	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 1000	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 900	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 800	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 700	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 600	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 500	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 400	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2434

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	77.3 86.9	77.3 87.0	77.3 87.0	77.3 87.0	77.3 87.0	77.3 87.0	77.3 87.1	77.3 87.1	77.3 87.1	77.3 87.1	77.3 87.1	77.3 87.1	77.3 87.1	77.3 87.1	77.3 87.2	77.3 87.2	77.3 87.2
IV 18000	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 16000	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	89.0	89.0	89.1	89.1
IV 14000	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 12000	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 10000	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 9000	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 8000	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 7000	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 6000	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 5000	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4500	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3500	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2500	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2454

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-46-49-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 18000	84.4	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 16000	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 14000	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
IV 12000	90.8	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 10000	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
IV 9000	96.7	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
IV 8000	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5
IV 7000	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.4
IV 6000	98.7	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 5000	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
IV 4500	99.1	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 4000	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	99.9	99.9	100.0
IV 3500	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	99.9	99.9	100.0
IV 3000	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	99.9	99.9	100.0
IV 2500	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	99.9	99.9	100.0
IV 2000	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	99.9	99.9	100.0
IV 1800	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	99.9	99.9	100.0
IV 1500	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	99.9	99.9	100.0
IV 1200	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	99.9	99.9	100.0
IV 1000	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	99.9	99.9	100.0
IV 900	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	99.9	99.9	100.0
IV 800	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	99.9	99.9	100.0
IV 700	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	99.9	99.9	100.0
IV 600	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	99.9	99.9	100.0
IV 500	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	99.9	99.9	100.0
IV 400	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	99.9	99.9	100.0
IV 300	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	99.9	99.9	100.0
IV 200	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	99.9	99.9	100.0
IV 100	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	99.9	99.9	100.0
IV 0	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	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2467

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-66, 49-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 18000	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 16000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 14000	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 12000	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 10000	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 9000	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
IV 8000	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IV 7000	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 6000	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 5000	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8
IV 4500	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 4000	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 3500	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 3000	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 2500	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 2000	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 1800	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 1500	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 1200	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 1000	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 900	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 800	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 700	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 600	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 500	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 400	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 300	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2466

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV ≥ 18000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV ≥ 16000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV ≥ 14000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV ≥ 12000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV ≥ 10000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV ≥ 9000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV ≥ 8000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV ≥ 7000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 6000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV ≥ 5000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 4500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 4000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 3500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 3000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 2500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2505

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 18000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 16000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 14000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 12000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 10000	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 9000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 8000	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 7000	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 6000	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 5000	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 4500	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4000	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2502

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 20000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 18000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 16000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 14000	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 12000	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 10000	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 9000	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 8000	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 7000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 6000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 5000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4500	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS. 2508

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 WELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	87.3	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 20000	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 18000	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 16000	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 14000	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 12000	97.2	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 10000	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	98.6	98.6	98.6
IV 9000	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 8000	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 7000	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	99.6	99.6	99.6
IV 6000	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 5000	99.1	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4500	99.1	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4000	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3000	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1600	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1400	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.1	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2506

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 HELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	82.7 89.9	82.9 90.1	82.9 90.1	83.0 90.1	83.0 90.2	83.1 90.3	83.1 90.3	83.1 90.3	83.1 90.3	83.1 90.3	83.1 90.3	83.1 90.3	83.1 90.3	83.1 90.3	83.1 90.3	83.1 90.3
IV 18000 16000	90.2 91.3	90.4 91.3	90.5 91.6	90.5 91.6	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7
IV 14000 12000	94.2 96.4	94.4 96.6	94.5 96.8	94.5 96.8	94.6 96.9	94.7 97.0	94.7 97.0	94.7 97.0	94.7 97.0	94.7 97.0	94.7 97.0	94.7 97.0	94.7 97.0	94.7 97.0	94.7 97.0	94.7 97.0
IV 10000 9000	97.6 98.2	97.9 98.4	98.0 98.6	98.1 98.7	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8
IV 8000 7000	98.7 98.9	99.0 99.3	99.2 99.4	99.2 99.5	99.3 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6
IV 6000 5000	99.0 99.0	99.3 99.4	99.5 99.6	99.6 99.7	99.6 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
IV 4500 4000	99.0 99.0	99.4 99.4	99.6 99.6	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
IV 3500 3000	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 2500 2000	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1800 1500	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 1200 1000	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 900 800	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 700 600	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 500 400	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 200	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 0	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 2506

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-46,49-72

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

HOURS U.T.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	80.3 89.0	80.3 89.1	80.3 89.1	80.4 89.1	80.4 89.2	80.4 89.2	80.4 89.2	80.4 89.2	80.4 89.2	80.5 89.3	80.5 89.3	80.5 89.3	80.5 89.3	80.5 89.3	80.5 89.3	80.5 89.3
IV 18000	89.5 91.2	89.6 91.2	89.6 91.2	89.6 91.3	89.7 91.4	89.7 91.4	89.7 91.4	89.7 91.4	89.7 91.4	89.8 91.4	89.8 91.4	89.8 91.4	89.8 91.4	89.8 91.4	89.8 91.4	89.8 91.5
IV 16000	93.4 95.8	93.5 95.8	93.5 95.8	93.5 95.9	93.6 96.0	93.6 96.0	93.6 96.0	93.6 96.0	93.6 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.1
IV 14000	97.4 98.4	97.5 98.5	97.5 98.5	97.5 98.6	97.6 98.6	97.6 98.6	97.6 98.6	97.6 98.6	97.6 98.6	97.7 98.8	97.7 98.8	97.7 98.8	97.7 98.8	97.7 98.8	97.7 98.8	97.7 98.8
IV 12000	99.2 99.4	99.3 99.6	99.3 99.6	99.4 99.6	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.8	99.6 99.9
IV 10000	99.5 99.6	99.6 99.7	99.6 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	100.0
IV 8000	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 7000	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 6000	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 5000	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 4500	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 4000	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 3500	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 3000	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 2500	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 2000	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 1800	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 1500	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 1200	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 1000	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 900	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 800	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 700	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 600	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 500	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 400	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 300	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 200	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 100	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0
IV 0	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	82.2	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 18000	89.8	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 16000	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 14000	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 12000	95.4	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 10000	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 9000	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 8000	98.4	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 7000	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 6000	99.0	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 5000	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 4500	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2508

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS 42-44,49-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≤5/16	≤¼	≤0
NO CEILING ≥ 20000	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 18000	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
IV 16000	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 14000	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 12000	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
IV 10000	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 9000	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 8000	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 7000	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 6000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 5000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4500	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2457

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 20000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 18000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 16000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 14000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 12000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 10000	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 9000	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 8000	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 7000	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 6000	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 5000	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 4000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 3000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2426

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 20000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 18000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 16000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 14000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 12000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 10000	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 9000	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 8000	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 7000	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 6000	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 5000	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 4500	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2424

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20112~~ ~~NELLIS AFB NEVADA/LAS VEGAS~~

~~42-44-49-72~~

~~SEP~~

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0800~~

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5 16	≥.	≥0
NO CEILING ≥ 20000	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 18000	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 16000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 14000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 12000	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 10000	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 9000	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 5000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2420

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23112 HELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 10	≥ 4	≥ 0
NO CEILING	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 20000	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 18000	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 16000	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 14000	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 12000	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 10000	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 9000	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 8000	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 7000	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 6000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 5000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2420

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.125	≥.1
NO CEILING ≥ 20000	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 16000	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 14000	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 12000	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 10000	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 9000	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 8000	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 7000	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 6000	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 5000	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 4500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2424

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0	
NO CEILING ≥ 20000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 18000	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 16000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 14000	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 12000	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 10000	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 9000	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 8000	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 7000	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 6000	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 5000	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 4500	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 4000	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 3000	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1600	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1400	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2423

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥⅑	≥0
NO CEILING ≥ 20000	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 18000	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 16000	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 14000	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 12000	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 10000	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 9000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 8000	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 7000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 6000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 5000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 4000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 3000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2428

2
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44-49-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 18000	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 16000	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 14000	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 12000	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 10000	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 7000	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 6000	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2425

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 ~~NELLIS AFB NEVADA/LAS VEGAS~~

42-43,49-72

YEARS

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

MOON

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 18000	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 16000	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 14000	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 12000	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 10000	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 8000	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 7000	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 6000	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 5000	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2414

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23112~~ NELLIS AFB NEVADA/LAS VEGAS 42-43,49-72

1 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 18000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 16000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 14000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 12000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 10000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 9000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 8000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 7000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 6000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 5000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 4500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 4000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 3500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 3000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23112~~ ~~NELLIS AFB NEVADA/LAS VEGAS~~

42, 43, 49, 72

DCI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

[illegible]

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43-42-72

0CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 16000	89.2	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 14000	90.2	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 12000	92.6	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 10000	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 9000	96.1	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 8000	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 7000	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 6000	97.8	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 5000	98.5	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 4500	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 4000	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8
≥ 3500	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 3000	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 2500	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0
≥ 2000	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1800	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1500	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1200	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 1000	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS... 2409

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
IV 20000	88.5	88.8	88.8	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1
IV 18000	89.0	89.3	89.3	89.3	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6
IV 16000	90.2	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8
IV 14000	92.3	92.6	92.6	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
IV 12000	94.6	94.9	94.9	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.4
IV 10000	96.1	96.5	96.5	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	97.0
IV 9000	96.3	96.7	96.7	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2
IV 8000	96.8	97.2	97.2	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.7
IV 7000	97.3	97.6	97.7	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.2
IV 6000	98.0	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.1
IV 5000	98.5	98.9	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
IV 4500	98.5	98.9	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
IV 4000	98.7	99.0	99.2	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7
IV 3500	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 3000	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 2500	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 2000	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 1800	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 1500	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 1200	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 1000	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 900	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 800	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 700	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 600	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 500	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 400	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 300	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 200	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 100	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 0	99.0	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2402

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

OGT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
GROUP II ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	80.8	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	88.9	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 16000	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 14000	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 12000	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 10000	94.8	94.9	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 9000	96.3	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 8000	96.5	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1
IV 7000	97.3	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 6000	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 5000	98.9	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 4500	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 4000	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 3500	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 3000	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2500	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 2000	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1800	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1500	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.....

2407

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA LAS VEGAS

42-43,49-72

GCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	84.6 90.7	84.8 90.9	84.8 90.9	84.9 90.9	84.9 90.9	84.9 90.5	84.9 90.9	84.9 91.0	84.9 91.0	84.9 91.0	84.9 91.0	84.9 91.0	84.9 91.0	84.9 91.0	85.0 91.1	85.0 91.1
≥ 18000 IV 16000	91.2 92.1	91.4 92.3	91.4 92.3	91.5 92.4	91.5 92.4	91.5 92.4	91.5 92.4	91.5 92.4	91.5 92.4	91.5 92.4	91.5 92.4	91.5 92.4	91.5 92.4	91.6 92.5	91.6 92.6	91.6 92.6
≥ 14000 IV 12000	93.3 95.5	93.5 95.7	93.5 95.7	93.6 95.7	93.6 95.7	93.6 95.7	93.6 95.7	93.6 95.8	93.6 95.8	93.6 95.8	93.6 95.8	93.6 95.8	93.6 95.8	93.6 95.8	93.7 95.9	93.8 96.0
≥ 10000 IV 9000	96.9 97.4	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.1 97.6	97.2 97.7	97.2 97.7	97.2 97.7	97.2 97.7	97.2 97.7	97.2 97.7	97.3 97.8	97.3 97.8	97.4 97.9
≥ 8000 IV 7000	98.0 98.5	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.5 99.0	98.5 99.0
≥ 6000 IV 5000	99.0 99.3	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.7	99.3 99.7	99.3 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.8	99.5 99.8	99.5 99.9
≥ 4500 IV 4000	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0
≥ 3500 IV 3000	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0
≥ 2500 IV 2000	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0
≥ 1800 IV 1500	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0
≥ 1200 IV 1000	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0
≥ 900 IV 800	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0
≥ 700 IV 600	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0
≥ 500 IV 400	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0
≥ 300 IV 200	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0
≥ 100 IV 0	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

2405

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

GCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 20000	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 18000	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 16000	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 14000	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6
≥ 12000	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 10000	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 9000	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 8000	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 7000	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 6000	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 5000	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 4500	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 3500	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 3000	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 2500	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 2000	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1800	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1500	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1200	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1000	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 900	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 800	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 6	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2414

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,42-72

NNV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 20000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 18000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 16000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 14000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 12000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 10000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 9000	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 8000	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 7000	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 6000	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS:

2334

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 20000	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
IV 18000	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 16000	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
IV 14000	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
IV 12000	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IV 10000	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
IV 9000	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
IV 8000	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
IV 7000	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 6000	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 5000	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 4500	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 4000	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
IV 3500	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 3000	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2500	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
IV 1800	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
IV 1500	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 1200	98.8	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	98.8	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2333

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NEILIS AFB NEVADA/LAS VEGAS

42-43-49-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING ≥ 20000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 16000	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 14000	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 10000	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 9000	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6
≥ 8000	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
≥ 7000	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 5000	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 4500	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.7
≥ 4000	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 3500	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1
≥ 3000	98.5	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 2500	98.6	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 2000	98.7	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1800	98.7	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1500	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 1200	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 1000	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 900	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 800	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2336

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS, U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 16000	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 14000	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 12000	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 10000	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 9000	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 8000	94.4	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	95.3	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1600	99.1	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	99.1	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2234

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 14000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 12000	92.4	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 10000	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 9000	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 7000	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 4500	98.2	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
0	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2326

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23112~~ ~~NELLIS AFB NEVADA/LAS VEGAS~~

~~42-43-49-72~~

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LT

CEILING FeET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 18000	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 16000	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 10000	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 7000	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 6000	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 5000	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	97.6	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 4000	97.8	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 3500	97.9	98.2	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 3000	98.2	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 2500	98.4	98.8	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 2000	98.5	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 1800	98.8	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.8	99.1	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	98.8	99.1	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	98.8	99.1	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	98.8	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2325

CEILING VERSUS VISIBILITY

42-43, 49-72

NCV

1000-2000

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14.5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43-49-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 16000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
IV 14000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 12000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 10000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
IV 9000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 8000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 7000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4
IV 6000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
IV 5000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 4500	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 4000	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 3500	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 3000	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 2500	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 2000	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 1800	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
IV 1000	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

2402

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 20000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
IV 18000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 16000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 14000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 12000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 10000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 9000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 8000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 7000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 6000	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 5000	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
IV 4500	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
IV 4000	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IV 3500	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 3000	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
IV 2500	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
IV 2000	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 1200	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2409

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 18000	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 14000	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 12000	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 10000	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 9000	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	93.8	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	96.2	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	96.6	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	97.1	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	97.4	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	97.6	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	98.2	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.4	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.5	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.7	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.7	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.7	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.7	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.7	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.7	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.7	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.7	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.7	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.7	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.7	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2412

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2
≥ 18000	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.5	82.5
≥ 16000	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.8	83.8
≥ 14000	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2
≥ 12000	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1
≥ 10000	89.4	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0
≥ 9000	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.6	91.6
≥ 8000	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.6	92.6	92.7	92.7
≥ 7000	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.8	93.8
≥ 6000	93.8	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 5000	95.1	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 4500	96.2	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.4	97.4
≥ 4000	96.6	97.2	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9
≥ 3500	96.9	97.6	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 3000	97.0	97.7	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 2500	97.2	97.9	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 2000	97.3	98.1	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0
≥ 1500	97.6	98.4	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1000	97.7	98.8	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	97.8	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	97.8	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	97.8	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	97.8	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	97.8	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	97.8	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2410

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43-49-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	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	68.9	68.9	68.9
IV 18000	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
IV 16000	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
IV 14000	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
IV 12000	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
IV 10000	89.5	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 9000	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 8000	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5
IV 7000	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4
IV 6000	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
IV 5000	95.5	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 4500	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
IV 4000	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IV 3500	97.4	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5
IV 3000	97.6	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.7
IV 2500	97.8	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9
IV 2000	97.9	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1
IV 1800	98.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6
IV 1500	98.2	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7
IV 1200	98.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8
IV 1000	98.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
IV 900	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 800	98.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 700	98.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 600	98.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 500	98.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 400	98.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 300	98.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 200	98.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 100	98.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 0	98.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ 1	≥ 0
NO CEILING ≥ 20000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 16000	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 14000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 12000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 10000	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 9000	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 8000	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 7000	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 5000	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 3500	98.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	98.2	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	98.3	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 2000	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.5	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.5	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1200	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 1000	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 900	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 800	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 700	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 600	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 500	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 400	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 300	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 200	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 100	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 0	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2400

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 16000	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 12000	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 10000	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 9000	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 8000	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 7000	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 5000	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500	97.4	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.2	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	98.5	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.6	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2399

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/5	≥ 1/10	≥ 0
NO CEILING	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 20000	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 18000	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 16000	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 14000	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 12000	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 10000	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 9000	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 7000	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.9	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2402

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later; clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

PART D

SKY COVER

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

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

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

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

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23112 NELLIS AFB NEVADA/LAS VEGAS

49-70

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	34.7	5.8	5.2	4.7	4.1	3.1	3.4	4.5	5.6	4.4	24.6	4.5	16135
FEB		38.3	5.9	5.4	4.8	4.0	2.6	3.9	4.8	5.4	3.6	21.5	4.1	14900
MAR		37.7	5.9	5.9	5.7	4.6	3.1	3.9	4.5	5.9	3.9	19.0	4.0	16356
APR		41.0	7.0	6.1	5.3	4.4	3.1	3.2	4.1	5.7	3.8	16.4	3.6	15832
MAY		43.7	7.5	6.8	5.9	4.1	3.3	3.9	4.7	5.2	3.4	11.5	3.2	16359
JUN		62.0	6.2	5.5	4.2	3.1	2.1	2.7	3.0	3.3	2.3	5.7	1.9	15830
JUL		45.6	7.6	6.1	6.0	4.8	3.4	4.0	4.9	5.4	4.4	7.9	2.9	16353
AUG		49.9	9.0	7.1	5.9	4.5	3.2	3.3	4.2	4.1	3.0	5.9	2.4	16358
SEP		65.9	7.5	4.9	3.8	2.8	2.3	2.1	2.5	2.4	1.8	4.2	1.6	15839
OCT		58.0	5.6	4.7	3.9	3.0	2.4	2.8	3.4	4.0	3.0	9.2	2.4	16363
NOV		45.8	5.5	5.4	4.6	3.5	2.5	3.6	4.3	4.7	3.8	15.6	3.4	15836
DEC		41.1	5.3	5.7	5.0	3.8	2.6	3.9	4.1	5.0	4.1	19.5	3.0	16362
TOTALS		47.0	6.6	5.7	5.0	3.9	2.8	3.4	4.1	4.7	3.5	13.5	3.2	192523

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23112 NELLIS AFB NEVADA/LAS VEGAS

49-70

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	46.5	4.6	5.5	4.2	4.4	2.3	2.6	3.4	3.7	2.0	20.9	3.5	2022
	03-05	46.5	3.8	4.7	5.0	4.4	2.0	2.7	4.2	3.8	2.4	20.6	3.6	2022
	06-08	31.0	6.1	5.3	4.4	4.1	3.1	4.0	4.2	6.3	5.6	26.0	4.8	2015
	09-11	26.7	7.9	5.6	4.1	3.1	3.1	2.9	4.3	6.8	6.7	28.8	5.1	2016
	12-14	25.1	7.2	4.8	4.5	3.7	3.3	3.2	4.8	7.6	6.9	28.8	5.3	2018
	15-17	24.5	6.5	5.1	5.0	3.5	3.8	3.9	5.9	6.7	6.4	28.7	5.3	2019
	18-20	35.5	4.8	5.2	5.0	4.6	3.7	4.1	5.1	5.3	2.9	23.8	4.3	2011
	21-23	41.5	5.1	5.2	5.3	4.7	3.1	3.8	3.9	4.2	2.4	20.9	3.8	2012
TOTALS		34.7	5.8	5.2	4.7	4.1	3.1	3.4	4.5	5.6	4.4	24.8	4.5	16135

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

FEB

MONTH

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	53.5	4.7	5.6	3.7	4.0	1.5	2.3	3.1	5.2	1.4	16.9	2.9	1861
	03-05	50.7	4.3	5.5	4.7	3.5	2.5	3.1	4.2	3.8	1.5	16.3	3.1	1863
	06-08	35.3	6.2	4.9	5.4	3.9	2.8	3.2	4.1	6.8	4.1	23.3	4.3	1863
	09-11	30.9	7.6	5.6	4.7	4.1	2.6	3.3	4.3	5.9	5.3	25.1	4.6	1863
	12-14	27.0	6.8	5.3	4.9	4.7	3.6	4.6	6.1	6.4	5.4	25.0	4.9	1863
	15-17	25.6	5.7	5.8	5.6	4.5	3.5	4.5	6.2	6.8	5.4	26.4	5.1	1863
	18-20	36.2	7.2	4.9	4.5	4.1	2.1	4.8	5.3	6.2	3.1	21.6	4.2	1863
	21-23	46.9	4.2	5.6	5.1	3.3	1.8	4.5	5.1	3.9	2.3	17.4	3.4	1861
TOTALS		38.3	5.9	5.4	4.8	4.0	2.6	3.9	4.8	5.4	3.6	21.5	4.1	14900

SKY COVER

MAR

MONTH

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOT/ NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	51.5	4.2	5.9	4.9	3.7	2.0	3.3	3.9	4.5	1.9	14.3	3.0	2046
	03-05	48.6	4.7	6.2	5.1	5.1	2.7	2.8	3.7	4.1	2.1	14.9	3.1	2045
	06-08	34.5	6.7	5.6	5.3	4.3	4.0	3.4	5.4	6.3	4.8	19.7	4.2	2046
	09-11	31.7	7.8	5.8	6.1	4.4	3.2	3.9	4.3	6.5	4.2	22.2	4.4	2044
	12-14	26.2	6.9	6.1	6.5	5.1	3.0	4.2	4.8	7.0	6.5	23.9	4.9	2045
	15-17	25.8	6.5	4.6	6.7	4.5	3.3	5.0	5.4	7.6	5.2	25.4	5.0	2045
	18-20	35.3	5.5	7.4	5.4	5.3	2.8	4.0	5.3	6.1	4.5	18.3	4.1	2041
	21-23	43.0	4.5	5.9	5.6	4.6	3.4	4.6	3.3	4.7	2.0	13.3	3.1	2044
TOTALS		37.7	5.7	5.9	5.7	4.6	3.1	3.9	4.5	5.9	3.9	19.0	4.0	16356

SKY COVER

APR

STATION

STATION NAME

PERIOD

MONTH

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	56.1	4.0	6.4	4.1	3.0	1.5	2.7	3.4	4.6	2.1	12.2	2.7	1978
	03-05	49.6	5.2	6.5	4.9	4.2	2.5	3.5	3.6	4.5	2.5	12.9	3.0	1980
	06-08	41.5	7.9	4.4	5.1	3.5	3.4	2.7	3.9	5.9	4.5	17.2	3.7	1980
	09-11	36.9	8.0	6.4	5.0	4.9	2.6	3.0	4.8	5.7	4.3	18.5	3.9	1978
	12-14	29.5	7.9	6.5	5.4	6.0	5.0	3.0	4.6	6.8	5.1	20.3	4.4	1979
	15-17	26.3	8.3	6.9	6.4	5.2	4.6	3.3	4.4	8.3	5.8	20.6	4.6	1979
	18-20	35.8	9.2	6.5	5.5	4.5	2.9	4.5	5.2	6.0	4.1	15.8	3.8	1979
	21-23	52.0	5.2	5.5	5.7	4.2	2.3	2.9	3.0	4.1	1.7	13.3	2.8	1979
TOTALS:		41.0	7.0	6.1	5.3	4.4	3.1	3.2	4.1	5.7	3.8	16.4	3.6	15832

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23112 NELLIS AFB NEVADA/LAS VEGAS

49-70

MAY

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		
MAY	00-02	59.0	5.3	5.5	5.5	3.7	2.6	2.5	3.4	3.9	1.5	7.2	2.2	2045
	03-05	49.3	6.7	6.7	5.9	4.1	3.8	3.3	4.5	4.3	3.2	8.3	2.7	2045
	06-08	46.9	6.4	5.6	5.0	2.5	3.7	3.8	4.3	4.9	3.9	13.0	3.2	2044
	09-11	42.3	8.2	6.6	6.1	3.7	2.1	3.3	4.2	4.2	4.2	15.2	3.4	2045
	12-14	33.2	8.9	7.1	6.5	5.0	4.3	3.7	5.0	7.1	4.5	14.8	3.9	2044
	15-17	30.3	8.1	6.8	6.9	4.9	5.0	5.7	7.0	7.1	4.0	14.3	4.1	2046
	18-20	36.4	10.2	7.9	6.1	5.4	2.5	5.3	5.8	6.0	3.4	11.0	3.4	2044
	21-23	52.3	6.5	7.9	5.4	3.8	2.5	3.3	3.6	3.9	2.5	8.4	2.5	2046
TOTALS		43.7	7.5	6.8	5.9	4.1	3.3	3.9	4.7	5.2	3.4	11.5	3.2	16359

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23112 NELLIS AFB NEVADA/LAS VEGAS

69-70

JUN

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		
JUN	00-02	71.3	3.8	3.5	3.9	3.1	2.1	2.2	2.4	2.0	1.3	4.4	1.5	1980
	03-05	65.4	5.5	5.2	4.0	2.8	2.1	2.3	2.3	3.5	1.8	4.9	1.7	1978
	06-08	64.7	6.5	5.7	3.6	2.9	1.4	2.3	2.6	2.7	2.3	5.3	1.7	1980
	09-11	63.2	7.5	4.6	3.5	2.0	2.2	3.1	3.1	2.7	2.7	5.5	1.9	1977
	12-14	33.4	7.9	7.3	4.8	3.8	2.6	2.8	4.0	3.3	3.4	6.6	2.3	1978
	15-17	52.3	6.9	7.1	6.2	2.8	3.2	2.8	3.4	4.6	3.2	7.5	2.5	1978
	18-20	57.5	6.8	5.5	3.8	3.6	1.9	3.7	4.0	4.2	2.3	6.6	2.2	1980
	21-23	68.1	4.8	4.7	3.4	3.4	1.5	2.7	2.3	3.2	1.2	4.7	1.6	1979
TOTALS		62.6	6.2	5.5	4.2	3.1	2.1	2.7	3.0	3.3	2.3	5.7	1.9	15830

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUL

STATION

STATION NAME

PERIOD

MONTH

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	59.0	4.9	4.5	4.2	3.9	2.4	3.5	3.9	3.5	2.0	8.3	2.3	2041
	03-05	49.6	7.2	5.9	6.3	4.5	2.8	4.1	4.0	4.9	3.7	7.0	2.6	2046
	06-08	47.6	8.8	5.5	5.5	4.5	3.1	3.8	4.5	4.7	4.5	7.6	2.8	2044
	09-11	45.3	9.0	7.5	6.5	4.2	3.0	3.1	4.2	5.1	4.7	7.3	2.8	2042
	12-14	35.5	8.7	9.2	7.7	6.7	4.1	4.1	5.6	6.3	4.2	7.2	3.3	2043
	15-17	33.9	8.3	6.6	7.4	6.2	4.8	5.0	5.8	7.3	6.8	7.9	3.6	2045
	18-20	40.1	8.3	5.5	5.9	4.1	3.9	4.9	5.9	6.5	6.2	8.8	3.1	2046
	21-23	53.9	5.4	4.3	4.5	4.0	3.2	3.6	4.9	4.6	2.9	8.2	2.0	2046
TOTALS		45.6	7.6	6.1	6.0	4.8	3.4	4.0	4.9	5.4	4.4	7.1	2.9	16353

SKY COVER

AUG

STATION

STATION NAME

PERIOD

MONTH

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	63.7	5.6	4.0	4.1	3.0	2.9	2.2	3.3	3.1	1.4	6.6	1.9	2046
	03-05	58.8	7.6	5.9	4.1	3.6	2.5	2.9	2.7	3.2	2.4	6.3	2.0	2045
	06-08	53.4	8.9	6.7	5.3	3.6	3.2	3.2	3.3	3.8	2.5	6.2	2.3	2045
	09-11	49.9	11.1	7.3	5.3	3.9	2.1	3.0	4.6	4.0	3.2	5.5	2.3	2045
	12-14	37.1	10.5	9.8	8.7	5.9	4.7	4.4	5.0	5.3	4.4	4.2	2.9	2045
	15-17	33.7	10.8	9.4	8.9	7.2	4.5	3.8	6.0	5.5	5.2	4.7	3.1	2046
	18-20	43.1	10.7	7.9	6.9	5.1	3.1	3.5	4.9	4.5	3.0	7.2	2.7	2044
	21-23	59.1	7.0	5.8	4.0	3.5	2.3	3.3	3.4	3.6	1.9	6.1	2.1	2042
TOTALS		49.9	9.0	7.1	5.9	4.5	3.2	3.3	4.2	4.1	3.0	5.9	2.4	16358

SKY COVER

SEP

STATION

STATION NAME

PERIOD

MONTH

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	76.0	4.7	4.0	2.6	2.0	1.6	1.3	1.5	1.7	.9	3.9	1.1	1979
	03-05	70.5	5.4	4.1	4.0	2.7	2.7	1.8	2.5	1.5	1.0	3.7	1.4	1980
	06-08	63.9	7.8	5.3	3.8	2.2	3.0	2.4	2.9	2.2	2.5	4.0	1.7	1980
	09-11	63.8	8.6	4.3	3.3	3.4	2.5	2.2	2.4	2.6	2.2	4.4	1.7	1980
	12-14	55.8	10.3	6.5	5.2	4.3	2.9	2.3	3.0	2.7	2.5	4.5	2.0	1980
	15-17	54.7	10.4	6.5	5.2	3.4	3.0	3.0	3.2	3.5	2.7	4.4	2.0	1980
	18-20	66.9	8.0	4.8	3.7	1.9	1.1	2.2	2.4	2.9	1.8	4.2	1.5	1980
	21-23	75.2	4.6	3.8	2.4	2.2	1.5	1.3	1.8	1.5	1.0	4.6	1.2	1980
TOTALS		65.9	7.5	4.9	3.8	2.8	2.3	2.1	2.5	2.4	1.8	4.2	1.6	15839

SKY COVER

OCT

STATION

STATION NAME

PERIOD

MONTH

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	68.2	3.3	3.7	3.2	2.4	1.8	2.1	2.6	2.6	1.5	8.6	1.9	2045
	03-05	64.4	4.4	4.6	3.7	2.6	2.4	1.8	3.0	3.5	2.2	7.4	2.0	2045
	06-08	54.0	7.3	5.2	3.8	3.2	2.7	2.3	3.3	5.1	4.1	9.1	2.6	2046
	09-11	54.3	6.4	5.6	3.7	3.3	2.4	2.9	2.9	3.9	4.0	10.6	2.6	2045
	12-14	49.5	7.2	5.3	5.0	3.3	3.0	3.9	3.9	4.5	3.5	10.8	2.9	2045
	15-17	49.0	8.0	4.5	5.0	3.2	2.6	3.6	4.5	4.6	4.9	10.0	2.9	2046
	18-20	59.3	5.0	4.2	3.3	3.2	2.3	3.1	4.7	4.6	2.2	7.9	2.4	2045
	21-23	65.4	3.2	4.1	3.8	3.1	2.2	2.6	2.3	2.8	1.5	8.9	2.0	2046
TOTALS		58.0	5.6	4.7	3.9	3.0	2.4	2.8	3.4	4.0	3.0	9.2	2.4	16363

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

SKY COVER

23112 NELLIS AFB NEVADA/LAS VEGAS

49-70

NOV

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		
NOV	00-02	57.2	4.1	4.9	4.0	2.5	1.5	2.5	4.0	3.4	1.8	14.1	2.7	1980
	03-05	58.0	3.8	4.2	4.2	3.6	2.3	3.1	3.0	2.6	1.8	13.3	2.6	1980
	06-08	41.7	6.4	4.9	4.2	4.3	2.4	3.9	4.6	6.3	5.1	16.1	3.7	1980
	09-11	39.7	6.7	6.3	4.6	3.3	2.5	3.4	4.8	5.0	6.2	17.5	3.8	1979
	12-14	36.1	7.1	6.2	5.8	4.1	3.5	2.9	5.0	5.6	4.9	19.0	4.0	1979
	15-17	36.9	6.2	5.5	3.8	3.3	2.8	4.4	5.2	6.1	5.1	20.7	4.2	1979
	18-20	44.7	5.2	5.6	4.6	4.1	2.5	4.3	4.1	5.1	2.8	17.0	3.5	1979
	21-23	51.9	4.4	5.2	5.2	2.9	2.3	3.9	3.7	3.4	2.3	14.7	3.0	1980
TOTALS		45.8	5.5	5.4	4.6	3.5	2.5	3.6	4.3	4.7	3.8	16.6	3.4	15836

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

DEC

STATION

STATION NAME

12100

MONTH

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	53.7	4.0	5.1	5.6	2.8	1.8	3.0	3.5	3.0	2.1	14.3	2.8	2046
	03-05	55.2	3.3	6.0	4.4	2.6	2.0	3.2	3.4	3.2	1.9	14.9	2.8	2045
	06-08	37.0	5.9	5.7	4.9	3.5	3.6	3.4	4.7	7.2	4.2	18.8	4.0	2045
	09-11	33.0	7.3	4.9	4.9	3.8	2.4	3.1	4.4	1.2	5.6	23.3	4.5	2045
	12-14	29.6	7.3	5.3	5.3	3.8	3.4	4.0	4.2	5.5	7.6	24.1	4.7	2044
	15-17	29.0	6.4	5.8	5.2	4.4	3.0	4.3	4.9	5.5	6.0	25.4	4.8	2045
	18-20	41.4	4.4	6.2	4.9	5.0	2.7	5.3	4.4	4.5	2.5	18.6	3.7	2045
	21-23	50.2	3.0	5.6	4.9	4.1	1.8	4.6	2.9	3.7	2.6	16.7	3.2	2046
TOTALS		41.1	5.3	5.7	5.0	3.8	2.6	3.9	4.1	5.0	4.1	19.5	3.8	16362

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

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

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

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

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

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

- a. Extreme maximum temperature
- b. Extreme minimum temperature

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

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

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

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

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

1210 WS FORM 0-21 5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR FATHER SERVICE/1AC

42-44, 49-72

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.1	.6	.7					.1
85						.9	7.9	3.0					1.1
80					.1	7.4	31.5	23.6	1.5				5.5
75					2.9	20.9	60.7	92.4	8.5				12.5
70				.1	9.0	43.1	84.7	77.4	23.2	.7			20.4
65			.1	2.3	24.0	71.0	96.2	92.6	53.5	4.5			29.5
60		.1	.7	12.2	53.6	89.0	99.9	98.6	78.3	17.5	.1	.1	34.5
55	.2	1.0	3.2	32.0	77.2	97.0	100.0	99.7	93.7	42.1	2.1	.4	44.0
50	1.4	5.3	15.9	57.0	92.0	99.8		100.0	99.0	65.3	10.0	2.0	35.0
45	6.8	16.9	58.9	81.0	98.0	100.0			100.0	85.8	20.1	6.6	64.3
40	17.2	36.7	67.7	86.2	100.0					93.0	51.1	15.3	74.1
35	30.5	61.4	88.5	99.4						99.1	78.1	34.1	83.0
30	44.2	71.0	93.1	99.9						99.3	83.6	45.3	87.0
25	61.0	84.1	96.5	100.0						99.0	94.5	67.6	92.2
20	85.2	96.2	99.5							100.0	98.7	80.6	97.5
15	94.9	99.3	100.0								99.9	97.5	99.3
10	100.0										100.0	99.3	99.9
MEAN	32.1	37.0	42.6	51.0	59.8	68.4	76.0	74.5	64.8	52.4	40.0	32.6	52.6
S.D.	7.120	7.393	6.894	6.946	7.105	7.243	6.206	6.396	6.712	7.455	7.127	7.050	16.850
TOTAL OBS.	797	735	826	810	836	810	837	837	810	806	736	806	9660

DATA PROCESSING BRANCH

USAF ETAS

AIR WEATHER SERVICE/AC

23112 FELLIS AFB NEVADA/LAS VEGAS

42-44, 49-77

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP. (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
100													.1
95						4.7	19.6	8.7					2.8
90					.7	18.1	58.8	45.9	5.7				10.9
85					6.0	46.2	91.5	90.0	26.7				21.5
80				.7	23.0	72.2	99.4	95.9	57.2	2.9			30.1
75				6.1	53.3	88.1	100.0	99.4	82.3	18.8			38.4
70			1.2	27.9	73.3	93.7		100.0	96.2	42.1			43.7
65		1.0	12.2	53.4	87.3	99.8			98.2	68.6	3.6	.1	53.2
60	1.3	9.1	33.8	76.4	96.0	100.0			99.9	85.7	21.3	1.0	61.5
55	7.2	25.9	50.7	71.3	99.0				100.0	94.9	50.1	6.2	78.5
50	27.5	54.7	83.4	98.8	100.0					98.4	74.8	29.4	80.8
45	55.1	79.9	95.0	99.9						99.6	92.9	58.3	90.3
40	78.4	94.1	99.2	100.0						99.9	98.4	84.6	96.3
35	93.4	99.0	100.0							100.0	100.0	96.8	99.1
30	97.8	100.0										99.4	99.8
25	99.7											100.0	100.0
20	100.0												100.0
15													
10													
5													
0													
MEAN	45.0	50.3	56.2	64.8	74.0	83.2	90.5	88.5	80.3	67.5	34.1	45.6	66.7
S.D.	6.157	6.685	6.747	7.140	7.381	6.941	4.307	4.818	6.067	7.337	6.361	5.958	17.118
TOTAL OBS	797	735	828	810	836	810	837	837	810	806	750	806	9560

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

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN ✓	FEB	MAR.	APR	MAY	JUN	JUL	AUG ✓	SEP	OCT	NOV	DEC	ALL MONTHS	
42			*	82	90	103	110	119✓	114	110	99	83	77	
43	75	80		87	98	104	106	115	109	105	97	80	67	115
44	70	71		81	86	95	110	108	110	108				
49	* 54	71		80	98	103	110	117	112	108	97	86✓	76	117
50	71	81		89	100✓	106	116✓	116	113	116✓	101✓	84	75	116
51	74	80		84	92	110✓	112	112	111	105	93	76	68	112
52	64	70		80	92	102	105	111	111	108	99	81	72	111
53	74	77		86	96	94	112	113	111	107	98	81	69	113
54	76	81		79	97	102	117✓	112	111	105	96	79	66	117
55	63	74		83	87	99	112	111	109	111	95	83	76	112
56	70	71		90	93	102	114	110	110	107	96	83	72	114
57	66	81✓		82	89	98	114	113	112	107	92	73	74	114
58	70	80		75	96	105	110	114	111	109	96	82	77	114
59	75	72		82	98	100	112	114	106	104	95	76	73	114
60	65	76		86	94	104	109	115	111	105	95	81	67	115
61	70	80		82	95	99	115	115	108	98	93	72	62	115
62	74	70		84	95	98	110	107	111	104	95	82	70	111
63	68	80		81	86	98	104	109	107	104	100	79	65	109
64	67	68		83	90	99	106	111	108	101	99	78	70	111
65	70	74		79	94	97	103	108	108	98	95	82	65	108
66	64	67		90	93	102	107	111	112	102	88	81	68	112
67	68	73		82	79	104	109	113	114	99	92	84	64	114
68	67	76		85	90	104	110	110	104	104	88	78	64	110
69	68	62		86	90	106	104	112	112✓	107	95		70	
70	77	79		86	90	102	117	114	112	106	96	77	67	117
71	80✓	79		88	88*	92	110	112	109	107	95	75	62	112
72	62	80		90	89	98	113	115	110	99	86	75	66	115
MEAN	69.3	75.2		83.8	92.0	101.0	110.3	112.5	110.3	105.3	95.1	79.6	69.3	113.3
S D	5.598	5.284		3.806	4.711	4.109	3.938	2.860	2.496	4.123	3.479	3.662	4.620	2.489
TOTAL OBS	797	735		826	810	836	810	837	837	810	806	750	806	9660

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 0-88 (OIL)

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/HAC

EXTREME VALUES MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APP	MAY	JUN	JUL	AUG ✓	SEP. ✓	OCT. ✓	NOV.	DEC. ✓	ALL MONTHS	
42			*	28	41	42	59	63	60	50	34	30	23	
43	12	27	35	38	42	48	60	59	59	40	28	29		12
44	25	26	31	40	44	49	62	59	50					
49	* 18	19	36	41	49	57	66	57	51	30	33	14		14
50	10	16	27	35	43	50	67	61	50	41	17	27		10
51	19	22	27	40	44	56	68	63	56	40	30	23		19
52	16	26	29	44	55	59	63	69	55	43	20	25		16
53	26	20	28	31	43	52	62	61	53	38	28	18		18
54	19	33	29	41	47	52	70	59	56	39	34	24		19
55	26	23	27	38	43	30	60	65	54	43	28	25		23
56	24	22	25	37	52	60	63	63	59	35	23	18		18
57	23	25	35	41	49	61	63	57	56	44	22	26		22
58	26	32	33	38	53	59	67	70	57	40	23	28		23
59	18	28	35	43	44	61	70	64	52	43	28	26		18
60	22	25	33	38	48	61	67	63	58	42	33	27		22
61	23	30	35	42	54	61	66	67	52	37	24	18		18
62	15	24	21	40	44	51	64	68	56	46	34	15		15
63	12	33	30	38	48	55	61	68	60	49	27	22		12
64	17	24	27	36	41	50	59	64	52	43	23	14		14
65	19	20	24	37	49	53	64	58	47	42	28	27		19
66	19	22	28	33	49	52	61	63	50	39	28	19		19
67	21	22	32	35	41	52	72	72	58	41	33	23		21
68	20	30	27	37	46	51	62	54	51	39	31	12		12
69	22	27	30	39	53	61	66	67	58	40		24		
70	13	32	39	37	50	59	60	73	48	26	29	24		13
71	19	20	21	38*	46	55	65	70	46	25	28	20		19
72	16	16	35	38	46	61	65	61	53	40	30	19		16
MEAN	19.2	24.0	30.1	38.4	46.9	55.4	64.4	63.5	53.6	39.3	27.8	21.9		17.3
S. D.	4.16	4.934	4.518	2.924	4.139	4.550	3.388	4.972	3.925	5.583	4.327	4.783		3.915
TOTAL OBS.	797	735	828	810	836	810	837	837	810	806	750	806		9660

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

PSYCHROMETRIC SUMMARY

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
118/117																		.0	6	6														
116/115																		.0	22	22														
114/113																		.0	113	114														
112/111																		.2	358	358														
110/109																		.3	799	799														
108/107																	.0	.6	1308	1308														
106/105															.0	.0	.0	.9	2013	2014														
104/103													.0	.0	.0	.0	.0	1.2	2843	2845														
102/101													.0	.0	.0	.0	.1	1.3	3416	3418	102.5													
100/ 99														.0	.0	.1	.2	1.4	4082	4085														
98/ 97											.0	.0	.0	.1	.2	.2	1.4	4263	4267															
96/ 95										.0	.0	.0	.1	.2	.2	.2	1.3	4742	4745															
94/ 93										.0	.0	.1	.2	.2	.2	.2	1.2	4836	4839															
92/ 91						.0	.0			.0	.1	.2	.2	.2	.2	.3	1.1	5246	5247															
90/ 89							.0	.0	.0	.1	.2	.2	.2	.2	.3	.5	1.0	6212	6213															
88/ 87							.0	.0	.1	.1	.2	.2	.2	.2	.4	.7	.6	6159	6162															
86/ 85						.0	.0	.0	.1	.2	.2	.2	.2	.3	.6	.8	.2	6530	6541															
84/ 83						.0	.0	.1	.2	.2	.2	.2	.3	.5	.7	.6	.1	6607	6608	2														
82/ 81			.0		.0	.0	.1	.1	.1	.1	.1	.1	.4	.6	.8	.2	.0	6532	6535	1														
80/ 79				.0	.0	.1	.1	.1	.1	.1	.2	.3	.6	.8	.6	.1	.0	7258	7260	5														
78/ 77		.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.5	.7	.8	.2	.0	.0	6984	6986	32														
76/ 75		.0	.0	.0	.0	.1	.1	.1	.1	.2	.4	.7	.8	.6	.0	.0	.0	7161	7161	140														
74/ 73		.0	.0	.0	.0	.0	.1	.1	.1	.2	.5	.7	.8	.3	.0	.0		6740	6740	1016														
72/ 71		.0	.0	.0	.0	.0	.1	.1	.2	.4	.7	.9	.6	.0	.0			6868	6869	3287														
70/ 69	.0	.0	.0	.0	.0	.1	.1	.1	.3	.6	.9	.9	.3	.0	.0	.0		7650	7652	6033														
68/ 67	.0	.0	.0	.0	.0	.1	.1	.2	.4	.7	.9	.6	.1	.0	.0			7170	7170	7202														
66/ 65	.0	.0	.0	.0	.0	.1	.1	.3	.6	.8	.8	.4	.0					7353	7355	7987														
64/ 63	.0	.0	.0	.0	.0	.1	.2	.4	.7	.8	.6	.1	.0					7109	7110	8289														
62/ 61	.0	.0	.0	.0	.1	.2	.3	.6	.8	.8	.4	.0	.0					7374	7374	9608														
60/ 59	.0	.0	.0	.1	.1	.3	.4	.7	.9	.7	.2	.0	.0					7962	7964	10820														
58/ 57	.0	.0	.1	.1	.2	.3	.5	.7	.9	.5	.0	.0						7710	7710	11799														
56/ 55	.0	.0	.1	.1	.2	.5	.6	.9	.8	.2	.0	.0						7954	7955	12612														
54/ 53	.0	.0	.1	.2	.3	.5	.7	.8	.5	.1	.0							7576	7577	12866														
52/ 51	.0	.1	.2	.4	.4	.5	.7	.7	.3	.0								7255	7256	13854														
Element (X)	Σ X ²		Σ X		X̄		s _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																																		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

YEARS

ALL

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					
50/ 49	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	7682	7686	14736	3657	
48/ 47	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	7045	7050	14180	4112	
46/ 45	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	6644	6645	13951	4925	
44/ 43	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	5832	5833	12942	6316	
42/ 41	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	5077	5079	12065	7653	
40/ 39	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	4846	4846	11301	9190	
38/ 37	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	3978	3981	10047	11238	
36/ 35	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	3581	3582	8670	12889	
34/ 33	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2862	2863	7174	13531	
32/ 31	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2241	2245	6024	14524	
30/ 29	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	1816	1818	4728	14879	
28/ 27	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	1127	1127	3356	13793	
26/ 25	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	726	726	2451	14567	
24/ 23	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	387	387	1532	13411	
22/ 21	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	226	226	858	12060	
20/ 19	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	162	162	475	10351	
18/ 17	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	60	60	270	9648	
16/ 15	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	33	33	139	8148	
14/ 13	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	11	11	70	6398	
12/ 11	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	13	13	27	5270	
10/ 9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2	2	20	4175	
8/ 7	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	1	1	1	3111	
6/ 5	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				2178	
4/ 3	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				1571	
2/ 1	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				1105	
0/ -1	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				747	
-2/ -3	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				507	
-4/ -5	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				283	
-6/ -7	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				203	
-8/ -9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				133	
-10/-11	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				78	
-12/-13	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				57	
-14/-15	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				28	
-16/-17	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0				23	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

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HOURS (L. & T.)

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Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
-18/-19																					18				
-20/-21																					16				
-22/-23																					11				
-24/-25																					9				
-26/-27																					3				
-28/-29																					1				
-32/-33																					1				
-34/-35																					2				
-36/-37																					1				
-38/-39																					1				
-40/-41																					1				
-46/-47																					1				
TOTAL	.1	2.3	4.3	5.5	6.2	7.1	7.4	7.4	7.2	6.9	6.7	6.3	5.8	5.2	4.6	4.1	12.9	230640	230572	230558	230573				
Element (X)	ΣX'	ΣX ²	ΣX	ΣX ²	No. Obs.	Mean No. of Hours with Temperature										Total									
Rel. Hum.	296131808	7503258	30.419	0.019	230541	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										8760				
Dry Bulb	1135962357	15513013	67.320	0.031	230640		264.8	360.7	3341.5	2632.6	1081.7										8760				
Wet Bulb	587926063	11323623	49.111	0.746	230573		772.8	664.5	44.8	.1											8760				
Dew Point	252020192	6957960	30.213	0.503	230558	82.2	5234.6	23.3	.3	.0											8760				

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23112 NELLIS AFB NEVADA/LAS VEGAS
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
78/ 77									.0	.0		.0		.0				6	6													
76/ 75									.0	.0	.0	.0						16	16													
74/ 73									.0	.0	.1	.0		.0				24	24													
72/ 71							.0	.0	.0	.0	.1	.1	.0					45	45													
70/ 69							.0	.0	.1	.1	.2	.1	.0					97	97													
68/ 67							.0	.1	.1	.2	.2	.1	.0					156	156													
66/ 65						.0	.1	.1	.2	.3	.3	.1	.0					220	220													
64/ 63					.0	.1	.1	.2	.4	.7	.3	.1						344	344													
62/ 61				.1	.1	.2	.3	.6	.7	.7	.2	.0						497	497													
60/ 59				.1	.2	.3	.5	.8	.9	.6	.1							633	633													
58/ 57			.0	.2	.3	.5	.6	.7	.9	.4	.0							713	713	11												
56/ 55		.0	.1	.2	.3	.6	1.0	.9	.9	.2	.0							792	792	42												
54/ 53		.0	.1	.3	.5	.9	1.2	1.3	.6	.1								945	946	137	1											
52/ 51		.1	.2	.4	.9	1.0	1.4	1.2	.3	.0								1052	1052	217	9											
50/ 49		.3	.6	.6	1.0	1.3	1.6	1.2	.2	.0								1268	1268	429	61											
48/ 47	.0	.2	.5	.7	1.1	1.6	1.6	.6	.2									1274	1275	832	111											
46/ 45	.1	.4	.6	.9	1.3	1.7	1.2	.4	.0									1229	1230	1207	186											
44/ 43	.0	.6	.7	1.0	1.6	1.7	1.0	.2	.0									1267	1267	1381	235											
42/ 41	.0	.5	.8	1.1	1.6	1.3	.6	.1										1128	1130	1497	460											
40/ 39	.0	.7	1.1	1.5	1.8	1.0	.3	.0										1222	1222	1636	463											
38/ 37	.1	.6	1.2	1.7	1.3	.6	.2	.0										1148	1149	1798	621											
36/ 35	.1	.9	1.2	1.8	1.1	.4	.1											1051	1052	1777	717											
34/ 33	.1	.8	1.1	1.7	.9	.3	.0											926	927	1617	874											
32/ 31	.0	.8	1.2	1.3	.6	.2												806	809	1540	975											
30/ 29	.0	.8	1.3	1.0	.4	.2												705	707	1312	1145											
28/ 27	.0	.5	1.1	.7	.2	.0												490	490	1052	1165											
26/ 25	.0	.4	.7	.6	.1													354	354	846	1280											
24/ 23	.0	.2	.6	.3	.1													222	222	579	1351											
22/ 21	.0	.2	.3	.2	.0													132	132	422	1303											
20/ 19		.2	.2	.2														101	101	268	1226											
18/ 17		.0	.1	.1														35	35	159	1223											
16/ 15		.0	.1	.0														26	26	85	1158											
14/ 13		.0	.0	.0														9	9	53	888											
12/ 11		.0	.0															12	12	21	815											
Element (X)	ΣX ²		ΣX		Σ		Σx		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																																

PSYCHROMETRIC SUMMARY

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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				
10/ 9		0																2	2	19	539				
8/ 7																				1	439				
6/ 5																					379				
4/ 3																					339				
2/ 1																					220				
0/ -1																					205				
-2/ -3																					170				
-4/ -5																					102				
-6/ -7																					91				
-8/ -9																					65				
-10/-11																					58				
-12/-13																					46				
-14/-15																					19				
-16/-17																					18				
-18/-19																					14				
-20/-21																					13				
-22/-23																					9				
-24/-25																					5				
-26/-27																					2				
-28/-29																					1				
-30/-31																					1				
-32/-33																					1				
-34/-35																					1				
-36/-37																					1				
-38/-39																					1				
-40/-41																					1				
-42/-43																					1				
TOTAL	8	8.5	13.9	16.5	15.5	13.7	11.9	8.4	5.6	3.3	1.5	.6	.1	.0				18947	18960		18946				
																		</							

PSYCHROMETRIC SUMMARY

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HOURS (L - S - T -)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
82/ 81												.0			.0				6		6										
80/ 79												.0	.0		.1			.0	35		35										
78/ 77										.0	.0	.1	.1	.1	.1				66		66										
76/ 75								.0	.0	.0	.1	.2	.2	.1	.0				117		117										
74/ 73								.0	.0	.1	.2	.3	.3	.1					163		163										
72/ 71							.0	.0	.1	.2	.4	.4	.3						251		251										
70/ 69							.0	.1	.1	.2	.4	.5	.1						334		334										
68/ 67							.0	.1	.1	.3	.5	.7	.4	.0					365		365										
66/ 65					.0	.1	.1	.3	.5	.8	.8	.3	.0						516		516										
64/ 63				.0	.0	.1	.2	.6	.6	1.1	.7	.1	.0						608		608	i									
62/ 61				.1	.1	.2	.5	.6	.9	1.1	.5	.0							696		696										
60/ 59			.0	.1	.2	.4	.6	.8	1.4	1.1	.3								855		855	14									
58/ 57			.0	.2	.4	.6	.8	1.2	1.3	.9	.0								960		960	35									
56/ 55		.0	.1	.3	.4	.8	.9	1.7	1.4	.5	.0								1084		1084	163									
54/ 53			.3	.4	.6	1.0	1.4	1.3	1.1	.1									1080		1080	328									
52/ 51		.1	.4	.5	.7	1.0	1.5	1.3	.8										1097		1097	545									
50/ 49		.1	.4	.7	1.1	1.3	1.7	1.2	.3	.0	.0								1204		1204	946									
48/ 47	.0	.2	.6	.9	1.1	1.8	1.4	.9	.0										1239		1239	1187									
46/ 45	.0	.4	.7	1.0	1.1	1.6	1.4	.5											1157		1157	1431									
44/ 43	.0	.3	.7	.8	1.4	1.5	1.2	.1											1060		1061	1619									
42/ 41	.0	.3	.8	.8	1.4	1.3	.8	.0											920		920	1747									
40/ 39	.0	.4	.8	1.1	1.4	1.2	.2												896		896	1736									
38/ 37		.3	.7	1.1	1.2	.8	.0												725		725	1644									
36/ 35		.4	.7	1.3	1.0	.4													648		648	1451									
34/ 33	.0	.2	.6	1.1	.6	.1													473		473	1274									
32/ 31		.2	.4	.7	.4	.0													301		301	1078									
30/ 29	.0	.2	.5	.8	.2														263		263	563									
28/ 27		.2	.3	.3	.1														155		155	588									
26/ 25		.1	.3	.2	.0														103		103	374									
24/ 23		.0	.1	.0															25		25	215									
22/ 21		.0	.1	.0															17		17	117									
20/ 19		.0	.0	.0															16		16	44									
18/ 17			.0																3		3	24									
16/ 15			.0																1		1	10									
Element (X)	Z _X ²		Z _X		X̄		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																															

PSYCHROMETRIC SUMMARY

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HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
14/ 13																				6	711			
12/ 11																				1	615			
10/ 9																					596			
8/ 7																					518			
6/ 5																					430			
4/ 3																					283			
2/ 1																					204			
0/ -1																					110			
-2/ -3																					63			
-4/ -5																					37			
-6/ -7																					25			
-8/ -9																					6			
-10/-11																					1			
-12/-13																					2			
-16/-17																					2			
-22/-23																					1			
-24/-25																					1			
-34/-35																					1			
TOTAL	.1	3.7	8.5	12.3	13.6	14.3	12.6	10.7	8.8	6.8	4.4	2.5	1.2	.4	.1	.0			17442	17437				
																		17441		17441				

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

FORM 4-78

USAFETAC

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STATION

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FORM 0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH
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23112 NELLIS AFB NEVADA/LAS VEGAS

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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											
100/ 99																			.0	1	1											
98/ 97																			.0	7	7											
96/ 95																			.2	37	37											
94/ 93																		.0	.4	74	74											
92/ 91																		.1	.6	134	134											
90/ 89														.0	.0	.0	.3	.9	243	243												
88/ 87													.0	.0	.0	.2	.5	.8	293	293												
86/ 85														.0	.1	.5	1.0	.3	362	362												
84/ 83													.0	.1	.3	.8	1.2	.2	501	501												
82/ 81												.0	.1	.2	.7	1.3	.7	.0	584	584												
80/ 79											.0	.0	.2	.5	1.2	1.6	.2		758	758												
78/ 77										.0	.0	.2	.5	.9	2.0	.9	.0		862	862												
76/ 75								.0	.0	.1	.3	.8	1.4	1.8	.1				888	888												
74/ 73					.0		.0	.0	.1	.2	.5	1.2	1.9	.9	.0				924	924												
72/ 71							.0	.1	.2	.3	1.0	1.7	1.7	.1					966	966												
70/ 69					.0	.0	.0	.1	.3	.7	1.5	2.0	1.1	.0					1110	1118												
68/ 67					.0	.1	.1	.2	.5	1.1	1.7	1.6	.3						1067	1067	1											
66/ 65			.0		.0	.1	.2	.3	1.0	1.6	1.9	1.0	.0						1185	1185	3											
64/ 63		.0	.0	.0	.0	.1	.3	.6	1.0	1.7	1.4	.4							1087	1087	9											
62/ 61		.0	.0	.0	.1	.3	.5	.8	1.5	1.6	.9	.1							1113	1113	99											
60/ 59	.0	.0	.0	.1	.2	.4	.6	1.2	1.9	1.3	.4								1200	1201	363											
58/ 57		.0	.1	.1	.2	.4	.9	1.5	1.6	.9	.1								1104	1104	774											
56/ 55	.0	.0	.2	.2	.4	.6	1.1	1.4	1.2	.4									1059	1059	1191											
54/ 53		.1	.3	.3	.6	1.0	1.2	.9	.1										875	875	1649											
52/ 51		.1	.3	.3	.6	1.1	1.0	.3	.0										738	738	2123											
50/ 49	.0	.1	.3	.4	.4	.8	.9	.9	.1										718	722	2390											
48/ 47	.0	.1	.3	.2	.3	.6	.7	.3	.1										509	511	2289											
46/ 45		.1	.3	.2	.3	.5	.5	.1											373	373	2233											
44/ 43		.1	.2	.2	.2	.3	.3	.1											253	253	1842											
42/ 41	.0	.1	.1	.1	.1	.2	.1	.0											138	138	1503											
40/ 39		.0	.1	.1	.1	.1	.0												71	71	1152											
38/ 37			.0	.0	.0	.0	.0												30	30	778											
36/ 35			.0	.0	.0	.0	.0												10	10	469											
34/ 33				.0	.0	.0	.0												3	3	243											
Element (X)	ΣX^2			ΣX			$\bar{X}$			σ_x			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																
Wet Bulb																																
Dew Point																																

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

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
32 / 31					.0													2	2	116	1215	
30 / 29																				41	1306	
28 / 27																				12	1381	
26 / 25																				6	1780	
24 / 23																				1	1604	
22 / 21																					1486	
20 / 19																					1269	
18 / 17																					1226	
16 / 15																					968	
14 / 13																					768	
12 / 11																					609	
10 / 9																					475	
8 / 7																					308	
6 / 5																					172	
4 / 3																					115	
2 / 1																					92	
0 / -1																					45	
-2 / -3																					15	
-4 / -5																					9	
-6 / -7																					4	
-8 / -9																					1	
TOTAL	.0	.7	1.8	2.3	3.0	5.6	8.1	9.9	10.8	10.1	9.9	9.7	8.1	7.2	5.5	3.9	3.5		19294	19287		
																		19287		19287		

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
110/109																		.0	3	3											
108/107																		.0	3	3											
106/105																		.1	11	11											
104/103																		.2	31	31											
102/101																		.4	77	77	135										
100/ 99																		.9	171	171											
98/ 97																	.0	1.5	293	293											
96/ 95																	.1	2.2	458	458											
94/ 93														.0	.0	.1	.2	2.7	591	591											
92/ 91													.0	.0	.1	.3	.3	2.9	663	663											
90/ 89													.0	.1	.3	.9	3.1	889	889												
88/ 87												.0	.1	.2	.6	1.7	1.9	896	896												
86/ 85											.0	.0	.1	.5	1.2	2.4	.5	934	934												
84/ 83									.0		.0	.1	.3	.9	1.7	1.6	.1	934	934												
82/ 81									.0	.0	.1	.2	.6	1.3	1.9	.5	.0	905	905												
80/ 79								.0	.0	.2	.5	1.3	2.0	1.6	.1	.0	.0	1158	1158												
78/ 77								.0	.0	.1	.2	.8	1.6	1.8	.6	.0		1014	1014												
76/ 75							.0	.0	.1	.2	.6	1.5	1.9	1.4	.1			1141	1141												
74/ 73						.0	.0	.0	.1	.3	.9	1.6	1.8	.5	.0			1058	1058												
72/ 71						.0	.0	.1	.2	.7	1.5	1.8	1.2	.1				1134	1134												
70/ 69			.0	.0	.1	.1	.1	.1	1.2	2.0	1.6	.6						1205	1206	3											
68/ 67			.0	.0	.1	.1	.3	.8	1.4	1.6	1.1	.1						1076	1076	29											
66/ 65		.0	.1	.0	.1	.2	.4	1.0	1.6	1.3	.5	.0						1036	1036	119											
64/ 63		.0	.1	.1	.1	.2	.7	1.2	1.3	.8	.1							924	924	371											
62/ 61		.0	.1	.1	.1	.2	.8	1.1	.9	.4	.0							830	830	934	1										
60/ 59		.0	.1	.1	.1	.2	.7	1.0	.8	.1								707	707	1623	2										
58/ 57		.0	.1	.1	.2	.3	.5	.6	.8	.3	.0							573	573	2264	6										
56/ 55		.0	.1	.1	.1	.2	.4	.6	.6	.1								473	473	2408	65										
54/ 53		.0	.1	.1	.1	.2	.3	.4	.2	.0								289	289	2374	72										
52/ 51		.0	.1	.1	.1	.2	.2	.3	.1									206	206	2416	83										
50/ 49		.0	.1	.0	.1	.1	.2	.2	.0									154	154	2323	134										
48/ 47		.0	.0	.0	.0	.0	.1	.0										55	55	1864	200										
46/ 45		.0	.0	.0	.0	.0	.0	.0										28	28	1309	276										
44/ 43		.0	.1	.0	.0	.0	.0	.0										31	31	829	417										
Element (X)	Z _X ²		Z _X		X		* _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																															

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN

MONTH

PAGE 1

A i i

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												
118/117																		.0	3	3												
116/115																		.0	8	8												
114/113																		.2	34	34												
112/111																		.4	79	79												
110/109																		.8	149	149												
108/107																		1.1	214	214												
106/105																		1.9	354	354												
104/103												.0					.0	2.8	531	531												
102/101														.0		.0	.0	3.3	628	629	1997											
100/ 99																.0	.1	3.9	755	757												
98/ 97												.0				.0	.1	4.5	885	885												
96/ 95											.0					.0	.3	4.3	888	888												
94/ 93												.0	.0	.0		.2	.5	4.0	889	891												
92/ 91													.0	.0	.1	.4	1.0	3.6	977	978												
90/ 89													.1	.1	.3	.7	1.5	2.8	1061	1062												
88/ 87									.0	.0	.1	.2	.2	.6	1.2	2.0	1.6	1087	1088													
86/ 85									.0	.0	.0	.1	.2	.4	.9	1.7	2.1	.4	1092	1092												
84/ 83								.0	.0	.0	.1	.3	.6	1.2	2.1	1.2	.1	1063	1063													
82/ 81								.0	.0	.1	.2	.4	1.0	1.7	1.6	.3	.0	1034	1034	1												
80/ 79						.0	.0	.0	.1	.1	.4	.9	1.5	1.8	1.0	.1		1139	1139													
78/ 77						.0	.0	.0	.1	.2	.5	1.0	1.6	1.4	.3	.0		989	990													
76/ 75						.0	.1	.1	.1	.3	.7	1.4	1.6	.7	.0			934	934	3												
74/ 73				.0	.0	.0	.1	.1	.2	.4	.9	1.4	1.1	.2				854	854	6												
72/ 71				.0	.0	.1	.1	.2	.4	.6	1.0	1.3	.6	.0				755	756	36												
70/ 69				.0	.0	.1	.2	.3	.5	.7	1.2	1.0	.1					723	723	161												
68/ 67			.0	.0	.1	.1	.3	.4	.8	.9	.4	.0						594	594	554												
66/ 65			.0	.1	.0	.0	.1	.2	.5	.6	.6	.1						428	428	1125												
64/ 63			.0	.1	.0	.1	.2	.3	.5	.5	.2	.0						357	357	1597												
62/ 61		.0	.0	.0	.1	.0	.1	.4	.2	.1	.0	.0						220	220	2350												
60/ 59		.0	.0	.0	.0	.0	.1	.2	.2	.1	.0							134	134	2554												
58/ 57		.0	.0	.0	.0	.0	.1	.1	.1	.0								84	84	2521												
56/ 55			.0	.0	.0	.1	.1	.1	.0									52	52	2302												
54/ 53			.0		.0	.0	.0	.0	.0									26	26	1907												
52/ 51		.0			.0	.0	.0	.0										14	14	1472												
Element (X)	Z _X ²		Z _X		X		Z _X		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F										Total											
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

JUN
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				
50/ 49					.0	.0												2	2	1132	272				
48/ 47				.0														2	2	721	346				
46/ 45																				361	503				
44/ 43				.0														1	1	156	714				
42/ 41																				58	941				
40/ 39																				14	1209				
38/ 37																				4	1436				
36/ 35																					1823				
34/ 33																					1751				
32/ 31																					1820				
30/ 29																					1702				
28/ 27																					1410				
26/ 25																					1284				
24/ 23																					991				
22/ 21																					707				
20/ 19																					505				
18/ 17																					364				
16/ 15																					259				
14/ 13																					155				
12/ 11																					91				
10/ 9																					64				
8/ 7																					44				
6/ 5																					16				
4/ 3																					8				
2/ 1																					10				
0/ 0																					6				
-2/ -3																					2				
-4/ -5																					1				
-6/ -7																					1				
-10/-11																					1				
TOTAL		.0	.1	.2	.4	.6	1.1	2.1	3.2	4.9	7.1	8.5	8.7	9.0	9.3	9.1	35.7		19045		19037				
																		19035		19035					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	7775642		335154		17.6		9.924		19035		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total		
Dry Bulb	139286965		1612259		34.7		12.127		19045						670.1		591.7		468.3		204.8		720		
Wet Bulb	63104719		1090749		57.3		5.625		19035						28.8		.4		.0				720		
Dew Point	21929120		622880		32.7		9.020		19037		.4		357.1		.1		.0						720		

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
50/ 49																				330	899				
48/ 47																				172	725				
46/ 45																				92	792				
44/ 43																				45	804				
42/ 41		.0																1	1	8	947				
40/ 39																					997				
38/ 37																					1147				
36/ 35																					1231				
34/ 33																					1037				
32/ 31																					962				
30/ 29																					818				
28/ 27																					657				
26/ 25																					600				
24/ 23																					486				
22/ 21																					349				
20/ 19																					255				
18/ 17																					191				
16/ 15																					141				
14/ 13																					79				
12/ 11																					55				
10/ 9																					24				
8/ 7																					17				
6/ 5																					12				
4/ 3																					10				
2/ 1																					4				
0/ 0																					4				
-2/ -3																					4				
-4/ -5																					1				
-6/ -7																					3				
-8/ -9																					2				
-12/-13																					1				
TOTAL	.0	.1	.4	.8	.5	.8	1.2	1.8	2.7	3.8	5.7	7.5	8.6	9.1	8.6	8.1	40.8		19644		19627				
																		19625		19625					
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.	12664354		422042		21.5		13.521		19623		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total		
Dry Bulb	16675209		1798065		91.5		10.512		19644						740.0		716.8		638.8		356.5		744		
Wet Bulb	7959648		1244011		63.6		6.140		19625						274.4		15.8		.1				744		
Dew Point	3895932		83636		42.6		13.008		19627		.6		177.2		6.8		.2		.0				744		

USAF ETAC FORM 1-64 0-26-51 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
116/115																		.0	1	1														
114/113																		.1	11	11														
112/111																		.3	61	61														
110/109																		1.0	210	210														
108/107																	.0	2.0	399	399														
106/105															.0	.0	.0	3.0	609	609														
104/103															.0	.1	.3	4.0	877	877														
102/101														.0	.0	.2	.6	4.3	1050	1050														
100/ 99														.1	.2	.8	1.1	4.1	1251	1251														
98/ 97											.0	.0	.2	.6	1.0	.9	2.9	1143	1143															
96/ 95										.0	.0	.2	.7	1.1	.9	.7	2.6	1268	1268															
94/ 93										.0	.1	.2	.9	1.0	.8	.7	1.8	1180	1180															
92/ 91							.0		.1	.1	.5	1.0	1.0	.9	.5	.6	1.3	1184	1184															
90/ 89							.0	.0	.1	.4	1.0	1.0	.9	.6	.7	.8	1.1	1306	1306															
88/ 87							.0	.0	.1	.3	.8	1.0	.9	.7	.6	.8	.5	1247	1248															
86/ 85						.0	.1	.3	.8	1.1	.9	.9	.6	.6	.7	.7	.1	1310	1312															
84/ 83					.0	.0	.2	.7	.8	.8	.7	.6	.5	.7	.7	.4	.0	1232	1233															
82/ 81				.0	.0	.2	.6	.7	.7	.6	.5	.5	.6	.7	.6	.1		1184	1184															
80/ 79			.0	.2	.5	.6	.5	.5	.4	.3	.3	.3	.3	.7	.6	.3	.0	1039	1041	3														
78/ 77		.1	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.8	.5	.1		898	899	30														
76/ 75	.0	.1	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.6	.2	.0		730	730	113														
74/ 73	.0	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.5	.0			532	532	610														
72/ 71	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.0			412	412	1706														
70/ 69	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.4	.3	.3	.1	.0			376	377	2887														
68/ 67	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.3	.2	.2	.0				237	237	2883														
66/ 65	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2					136	136	2411														
64/ 63	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0					74	74	1996														
62/ 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					29	29	1708														
60/ 59	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					22	22	1514														
58/ 57			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					7	7	1173														
56/ 55																				964														
54/ 53									.0									1	1	735														
52/ 51																				556														
50/ 49																				377														
Element (X)	Σ X ²		Σ X		Σ		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																																		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

AUG

STATION

STATION NAME

YEARS

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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			
48/ 47																				214	901			
46/ 45																				96	836			
44/ 43																				24	874			
42/ 41																				12	842			
40/ 39																				5	869			
38/ 37																					881			
36/ 35																					946			
34/ 33																					809			
32/ 31																					777			
30/ 29																					615			
28/ 27																					476			
26/ 25																					443			
24/ 23																					359			
22/ 21																					288			
20/ 19																					147			
18/ 17																					132			
16/ 15																					104			
14/ 13																					50			
12/ 11																					34			
10/ 9																					22			
8/ 7																					22			
6/ 5																					12			
4/ 3																					9			
2/ 1																					4			
0/ =1																					5			
-2/ =3																					3			
-6/ =7																					3			
TOTAL	1.0	.3	.6	.8	.9	1.5	2.4	3.5	4.6	6.3	8.1	8.6	9.2	8.4	8.0	7.8	29.1	20016	20024	20017	20018			
Element (X)	Σx²		Σx		X		°x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	18190445		521643		26.115.152		20015				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					744			
Dry Bulb	161301552		1784752		89.110.543		20024						734.0	695.9	598.9	299.3					744			
Wet Bulb	82294952		1277114		63.8 6.374		20017						306.0	28.1							744			
Dew Point	45461419		917869		45.912.985		20018				.4	130.6	14.7	.1							744			

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

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
116/115																		.0	1	1												
114/113																		.0	2	2												
112/111																		.1	11	11												
110/109																		.1	24	24												
108/107																		.2	46	46												
106/105																		.8	162	162												
104/103																	.0	1.4	277	277												
102/101																.0	.1	2.2	444	444												
100/ 99															.0	.1	.1	2.8	583	583												
98/ 97													.0	.0	.0	.1	.2	3.2	692	692												
96/ 95												.0	.0	.1	.3	.4	.4	3.2	765	765												
94/ 93												.0	.2	.2	.4	.7	.7	2.6	791	791												
92/ 91											.0	.2	.2	.4	.4	.8	.8	2.2	832	832												
90/ 89										.0	.1	.3	.4	.5	.9	1.2	1.7	985	985													
88/ 87									.0	.1	.3	.3	.5	.7	1.0	1.2	.9	980	980													
86/ 85								.0	.1	.2	.3	.4	.4	1.0	1.3	1.1	.2	1003	1003													
84/ 83							.0	.1	.2	.3	.3	.4	.6	1.1	1.1	.8	.0	955	955													
82/ 81						.0	.1	.1	.3	.3	.4	.6	.9	1.0	1.1	.2		977	978													
80/ 79					.0	.1	.2	.3	.4	.3	.6	.9	1.2	1.2	.8	.0		1129	1129													
78/ 77			.0	.1	.1	.3	.3	.3	.4	.6	1.1	1.3	.9	.9	.2			1097	1097													
76/ 75			.0	.1	.2	.3	.2	.3	.4	.6	1.1	1.2	1.1	.6	.0			1125	1125													
74/ 73			.0	.1	.2	.3	.2	.3	.7	.9	1.3	.9	.2					1046	1046	14												
72/ 71	.0	.1	.1	.2	.2	.2	.2	.2	.5	.9	1.2	1.0	.5	.0				1013	1013	121												
70/ 69	.0	.1	.2	.2	.1	.1	.4	.6	1.0	1.3	.8	.3						1047	1047	430												
68/ 67	.1	.2	.3	.1	.1	.1	.4	.6	1.0	1.1	.8	.1						899	899	873												
66/ 65	.1	.2	.1	.2	.1	.2	.3	.8	1.1	.7	.3							777	777	1549												
64/ 63	.0	.1	.1	.1	.1	.1	.2	.4	.6	.7	.5	.1						567	567	1845												
62/ 61	.0	.0	.1	.0	.0	.0	.1	.4	.6	.5	.2	.0						409	409	2011												
60/ 59	.0	.0	.0	.0	.0	.1	.2	.3	.5	.4	.1							308	308	2089												
58/ 57			.0	.0	.0	.1	.3	.4	.2	.0								222	222	1987												
56/ 55					.1	.1	.2	.2	.1									115	115	1898												
54/ 53					.0	.0	.1	.1	.1									54	54	1640												
52/ 51				.0	.0	.0	.0	.0	.0	.0								24	24	1505												
50/ 49				.0	.0	.0	.0	.0	.0	.0								17	17	1173												
Element (X)	Σ X ²		Σ X		X̄		s _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																																

PSYCHROMETRIC SUMMARY

42-44, 49-72

SEP

STATION

STATION NAME

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PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
102/101																		.0	1	1												
100/99																		.1	11	11												
98/97																		.0	2	46												
96/95																		.0	.5	107	107											
94/93																		.0	.2	208	208											
92/91																		.1	.3	275	275											
90/89															.0			.3	.7	455	455											
88/87											.0			.0	.1	.3	.5	.7	.7	446	446											
86/85										.0	.0	.1	.2	.4	.4	1.0	1.0	.2	.2	558	558											
84/83										.0	.1	.2	.3	.5	.8	1.2	.7	.0	.0	665	665											
82/81								.0	.0	.0	.1	.2	.3	.6	.9	1.0	.2		.2	650	650											
80/79							.0	.0	.1	.2	.3	.6	.9	1.2	.6	.0			.0	768	768											
78/77								.0	.1	.2	.3	.5	.8	1.1	1.0	.3				797	797											
76/75								.0	.1	.2	.4	.6	1.0	1.2	.6	.0		.0		824	824											
74/73						.0	.0	.1	.2	.3	.5	.9	1.1	1.1	.2					835	835											
72/71					.0	.0	.1	.2	.3	.4	.8	1.1	1.0	.6	.0					904	904											
70/69				.0	.0	.0	.2	.3	.4	.7	1.1	1.5	1.1	.3	.0					1084	1084											
68/67			.0	.0	.1	.2	.3	.4	.7	.9	1.2	1.4	.8	.1						1099	1099	12										
66/65		.0	.0	.1	.2	.3	.4	.5	.8	1.2	1.4	1.1	.4							1129	1129	82										
64/63		.1	.1	.2	.3	.4	.5	.6	.9	1.2	1.3	.6	.1							1039	1039	320	3									
62/61		.0	.2	.3	.4	.5	.8	1.2	1.5	1.3	.2	.0								1173	1173	667	5									
60/59		.1	.1	.2	.3	.6	.8	1.3	1.6	.9	.1									1162	1163	1128	20									
58/57		.2	.2	.3	.4	.6	.8	1.2	1.3	.4	.0									999	999	1534	58									
56/55		.2	.2	.3	.6	1.0	1.3	1.0	.1											1003	1003	1840	136									
54/53	.0	.1	.2	.3	.4	.5	.8	1.0	.3	.1										766	766	1887	232									
52/51	.1	.1	.2	.3	.4	.5	.8	.6	.2	.0										645	646	1935	328									
50/49	.0	.1	.2	.3	.4	.5	.8	.5	.1											509	509	1935	350									
48/47		.1	.2	.3	.4	.5	.8	.3	.0											388	388	1807	413									
46/45		.1	.1	.2	.3	.4	.6	.1	.0											305	305	1627	624									
44/43		.1	.1	.2	.3	.4	.2	.0												160	160	1358	831									
42/41		.1	.1	.0	.2	.1	.1	.0												107	107	1059	881									
40/39		.0	.0	.1	.1	.1	.0													66	66	768	1054									
38/37		.0	.0	.0	.0	.1	.0													38	39	566	1220									
36/35			.0	.0	.0	.0	.0													19	19	315	1254									
Element (X)	ΣX ²		ΣX		Σ		Σ _n		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																																

2

C

OCT

STATION

STATION NAME

YEARS

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ALL

HOURS (L. S. T.)

7

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 1

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

NOV

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STATION NAME

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ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
86/ 85														.0	.0	.0	.0	3	3							
84/ 83														.0	.0	.0	.0	22	22							
82/ 81											.0	.0	.1	.1	.1	.0	.0	59	59							
80/ 79								.0	.0	.0	.1	.2	.2	.2	.1	.0	.0	135	135							
78/ 77								.0	.0	.0	.1	.3	.3	.4	.1			211	211							
76/ 75					.0	.0	.0	.0	.0	.1	.2	.4	.5	.3	.1			302	302							
74/ 73				.0	.0			.0	.0	.2	.4	.5	.6	.2	.0			356	356							
72/ 71				.0	.0		.0	.0	.1	.4	.7	.6	.3	.0	.0			408	408							
70/ 69				.0	.0	.0	.0	.1	.4	.6	.8	.7	.3	.0		.0		591	591							
68/ 67				.0		.0	.1	.3	.6	.8	.9	.5	.2		.0			625	625	3						
66/ 65				.0	.0	.1	.2	.5	.8	1.0	.8	.4	.0					699	699	5	2					
64/ 63				.0	.1	.1	.4	.8	1.0	.8	.6	.2	.0					752	752	7	1					
62/ 61			.0	.1	.1	.3	.6	.9	1.1	.9	.5	.0	.0					857	857	9	3					
60/ 59			.0	.1	.2	.5	1.0	1.1	1.3	.8	.3	.0						992	992	38	2					
58/ 57	.0	.1	.1	.2	.4	.7	.9	1.0	1.1	1.3	.8	.1						1126	1126	149	13					
56/ 55	.0	.1	.3	.3	.5	1.2	1.1	1.4	1.1	1.1	.3	.0						1189	1189	390	20					
54/ 53	.0	.2	.3	.3	.5	1.2	1.3	1.6	.8	.1								1258	1258	723	41					
52/ 51	.0	.2	.3	.5	.9	1.3	1.4	1.2	.5	.0								1171	1171	1148	94					
50/ 49	.0	.2	.4	.8	1.2	1.4	1.7	1.1	.3									1305	1305	1411	176					
48/ 47	.3	.6	.7	1.1	1.1	1.5	1.5	.6	.1									1196	1197	1531	198					
46/ 45	.0	.4	.5	1.0	.9	1.2	1.5	1.1	.3									1124	1124	1702	229					
44/ 43	.0	.2	.8	.9	1.2	1.4	.8	.1										1002	1002	1749	398					
42/ 41	.0	.3	.6	.8	1.2	1.1	.4	.0										833	833	1756	503					
40/ 39	.0	.3	.7	1.0	1.0	1.0	.2											785	785	1820	741					
38/ 37	.0	.3	.6	.7	.5	.0												542	542	1613	1023					
36/ 35	.0	.4	.5	.6	.6	.2												443	443	1410	1113					
34/ 33	.0	.2	.4	.4	.4	.1												264	264	1128	1128					
32/ 31		.1	.3	.3	.2	.0												170	170	794	1227					
30/ 29	.0	.1	.2	.2	.1	.0												121	121	565	1255					
28/ 27		.1	.1	.1	.0													52	52	319	1135					
26/ 25		.0	.1	.0	.0													25	25	219	1297					
24/ 23		.0	.0	.0														15	15	85	1227					
22/ 21		.0	.0	.0														9	9	40	1186					
20/ 19		.0	.0															3	3	22	1035					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

NOV

STATION

STATION NAME

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ALL

HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
18/ 17		0																1	1	7	1019			
16/ 15																				3	859			
14/ 13																					623			
12/ 11																					542			
10/ 9																					453			
8/ 7																					405			
6/ 5																					215			
4/ 3																					159			
2/ 1																					126			
0/ -1																					74			
-2/ -3																					36			
-4/ -5																					33			
-6/ -7																					15			
-8/ -9																					9			
-10/-11																					4			
-12/-13																					4			
-14/-15																					7			
-18/-19																					3			
-20/-21																					1			
-22/-23																					1			
-26/-27																					1			
TOTAL	3	3.4	6.7	9.2	12.2	14.3	12.9	11.2	9.5	6.8	5.4	3.9	2.5	1.2	.4	.1	.0	18646	18647	18636				
																		18646		18646				
			</																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

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YEARS

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ALL

HOURS (L, S, F.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/77														.0	.0						2	2		
76/75										.0	.0	.0	.0	.0				10	10					
74/73									.0	.0	.0	.0	.0	.0				20	20					
72/71									.0	.1	.0	.1	.0	.0				44	44					
70/69						.0	.0	.0	.0	.1	.2	.1	.1	.0				115	115					
68/67						.0	.0	.0	.2	.2	.2	.2	.0	.0				174	174					
66/65				.0	.0	.0	.0	.1	.3	.4	.3	.1	.0					253	253					
64/63			.0	.0	.1	.0	.2	.3	.3	.5	.3	.0						336	336					
62/61		.0	.0	.0	.1	.1	.3	.5	.7	.6	.3	.0						494	494					
60/59			.0	.1	.1	.3	.4	.9	1.0	.7	.1	.0						674	674	13				
58/57		.0	.0	.2	.2	.3	.7	1.1	1.0	.4	.0	.0						754	754	33	4			
56/55		.0	.2	.2	.3	.6	1.1	1.1	.9	.2	.0	.0						860	860	36	11			
54/53		.1	.3	.2	.4	.8	1.3	1.2	.5	.1	.0							954	954	97	19			
52/51	.0	.3	.4	.6	.6	1.1	1.4	1.1	.4	.0								1113	1113	298	37			
50/49	.0	.6	.4	.5	.9	1.4	1.7	1.0	.1	.0								1269	1269	621	74			
48/47	.1	.3	.3	.7	1.0	1.8	1.5	.6	.0									1231	1231	807	257			
46/45	.0	.3	.4	1.0	1.7	2.0	1.4	.4	.0									1368	1368	1154	214			
44/43	.1	.2	.6	1.3	1.6	1.7	1.0	.1										1255	1255	1362	232			
42/41	.1	.3	1.0	1.4	1.6	1.7	.5	.0										1248	1248	1463	273			
40/39	.0	.4	1.4	1.4	1.9	1.4	.2											1277	1277	1718	343			
38/37		.6	1.4	1.7	1.6	.7	.0											1160	1167	1875	457			
36/35	.0	.8	1.5	1.6	1.6	.3	.0											1149	1149	1857	620			
34/33	.0	1.0	1.6	1.6	1.2	.1												1057	1057	1728	969			
32/31	.0	.9	1.3	1.5	.8	.0												866	867	1717	1099			
30/29	.0	.8	1.2	1.3	.2	.0												672	672	1448	1315			
28/27	.0	.5	.8	.7	.0													399	399	1108	1299			
26/25	.0	.3	.6	.3	.0													231	231	858	1376			
24/23	.0	.1	.3	.0														120	120	562	1539			
22/21		.1	.2	.1														63	63	235	1463			
20/19		.1	.1	.0														42	42	128	1196			
18/17		.0	.1															21	21	72	1252			
16/15			.0															6	6	39	1087			
14/13			.0															2	2	11	966			
12/11			.0															1	1	5	900			
Element (X)	Σx ²		Σx		Σ		Σ _x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F			
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF ETAC FORM 1-64 (0-26-5101-A) PREPARED BY THE AIR WEATHER SERVICE

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-43, 49-72

DEC

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

12

43-44; 49-72

JAN

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0000-0200

HOURS (L. S. T.)

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL					
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
68/ 67																				1	1							
62/ 61																				10	10							
60/ 59																				13	13							
58/ 57																				17	17							
56/ 55																				22	22							
54/ 53																				45	45	4						
52/ 51																				80	80	6						
50/ 49																				111	111	21	3					
48/ 47																				127	127	38	11					
46/ 45																				144	144	57	23					
44/ 43																				158	158	87	27					
42/ 41																				186	187	99	35					
40/ 39																				212	212	155	44					
38/ 37																				224	225	206	76					
36/ 35																				218	216	264	87					
34/ 33																				208	208	235	98					
32/ 31																				166	167	222	109					
30/ 29																				187	157	261	146					
28/ 27																				85	85	218	162					
26/ 25																				83	83	175	153					
24/ 23																				50	50	109	178					
22/ 21																				26	26	84	165					
20/ 19																				17	17	67	139					
18/ 17																				7	7	34	166					
16/ 15																				6	6	13	139					
14/ 13																				1	1	14	124					
12/ 11																						5	89					
10/ 9																							80					
8/ 7																							59					
6/ 5																							59					
4/ 3																							57					
2/ 1																							26					
0/ -1																							32					
-2/ -3																							22					
Element (X)	Σ X'			Σ X			Σ			Σ ₂			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																												

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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PSYCHROMETRIC SUMMARY

JAN
MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
70/ 69													.1							2	2				
68/ 67													.0							1	1				
62/ 61													.1							2	2				
60/ 59						.2	.0	.1	.1											11	11				
58/ 57					.0	.0	.4	.1												15	15				
56/ 55					.2	.1	.0	.2	.0	.1	.0									15	15				
54/ 53			.1	.1	.3	.3	.2	.1	.2		.2									31	31	3			
52/ 51			.2	.4	.6	.5	.2	.2												48	48	3			
50/ 49		.3	.4	.4	.8	.6	.5	.4												83	83	16			
48/ 47		.3	.3	.8	1.1	.8	.5	.2												96	96	31			
46/ 45	.2	.5	.4	.8	1.1	1.1	.8	.1												120	120	56	18		
44/ 43	.0	1.1	.5	.8	1.4	1.1	.5													132	132	62	22		
42/ 41	.0	.4	.8	.9	2.0	.9	.3													127	127	88	31		
40/ 39	.1	1.2	1.6	1.9	1.6	.6	.2													179	179	108	55		
38/ 37	.0	2.1	2.1	2.1	1.7	.7	.1													210	210	151	59		
36/ 35	.2	2.5	2.2	3.1	1.5	.5	.1													240	241	223	65		
34/ 33	.1	1.6	2.2	3.6	1.3	.2	.0													216	216	244	104		
32/ 31		2.1	2.8	3.1	1.1	.1														218	220	204	117		
30/ 29	.1	2.0	3.2	2.1	.4	.2														189	189	264	129		
28/ 27	.1	1.9	2.8	1.9	.3															166	166	257	160		
26/ 25		.7	1.7	1.2	.3															93	93	227	143		
24/ 23	.0	.5	1.7	.8	.1															74	74	147	159		
22/ 21		.5	.7	.7																45	45	102	182		
20/ 19		.5	.2	.6																33	33	81	166		
18/ 17		.3	.3	.1																15	15	49	152		
16/ 15		.1	.2																	6	6	30	161		
14/ 13		.0	.1	.1																5	5	16	132		
12/ 11		.3																		6	6	7	113		
10/ 9																						9	72		
8/ 7																							61		
6/ 5																							58		
4/ 3																							54		
2/ 1																							30		
0/ -1																							24		
Element (X)	ΣX ²		ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

43-44, 49-72

JAN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

43-44, 49-72

JAN
MONTH

PAGE 2

0600-0800

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44, 49-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
76/ 75											.0							1	1							
74/ 73										.0								1	1							
72/ 71											.0							2	2							
70/ 69											.1		.0					3	3							
68/ 67									.0		.0							3	3							
66/ 65						.0		.2			.1							7	7							
64/ 63					.0	.0	.2	.1	.2	.3	.1							22	22							
62/ 61					.1	.2	.3	.4	.5	.6	.2							54	54							
60/ 59				.1	.2	.2	1.1	1.1	.7	.3	.0							87	87							
58/ 57			.0	.2	.4	.6	1.0	1.3	1.4	.3								124	124							
56/ 55			.3	.2	.2	1.1	1.6	1.4	.9	.2								136	136	4						
54/ 53			.2	.3	.6	1.4	1.8	1.6	.5	.1								132	153	14						
52/ 51		.1	.3	.3	1.4	1.4	2.4	1.4	.3									176	176	28	1					
50/ 49		.3	.3	1.1	1.7	2.0	2.4	1.3	.3									221	221	52	10					
48/ 47		.3	.7	1.5	2.2	2.5	2.3	.6										237	238	84	13					
46/ 45		.2	.9	.9	1.9	2.1	1.6	.4										214	214	158	26					
44/ 43		.4	.5	.8	2.6	2.7	1.5	.3										207	207	230	24					
42/ 41	.0	.3	1.0	1.4	1.7	2.8	.8	.1										191	192	258	46					
40/ 39	.0	.2	.3	1.1	2.2	1.8	.3	.1										145	145	254	67					
38/ 37		.3	.6	1.5	1.4	.6	.3											108	108	276	81					
36/ 35	.1	.1	1.2	1.9	1.3	.6	.1											117	117	260	112					
34/ 33	.0	.3	.4	.9	.8	.5	.0											71	71	202	119					
32/ 31	.0	.0	.3	.5	.4	.3												38	38	234	122					
30/ 29		.1	.2	.5	.1	.1												24	24	110	167					
28/ 27	.0		.1	.2														8	8	89	129					
26/ 25			.2	.1														7	7	50	179					
24/ 23			.1	.2														6	6	31	175					
22/ 21			.0															1	1	16	170					
20/ 19			.0															1	1	4	148					
18/ 17																				6	156					
16/ 15																				3	141					
14/ 13																				1	100					
12/ 11																					106					
10/ 9																					56					
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		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																										

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

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

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44, 49-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
78/ 77																		1	1						
76/ 75									.1		.1	.1		.0				7	7						
74/ 73								.1	.0	.0	.2	.0	.0					10	10						
72/ 71							.0	.0	.0	.3	.2	.3	.0					22	22						
70/ 69							.1	.1	.1	.3	.6	.3	.1					45	45						
68/ 67							.0	.4	.4	.8	1.1	.5	.0					77	77						
66/ 65						.2	.3	.4	.6	1.3	1.2	.4	.0					105	105						
64/ 63					.0	.3	.3	.8	1.6	2.6	1.3	.3						165	165						
62/ 61					.0	.2	1.1	1.7	2.5	2.7	.7							211	211						
60/ 59				.1	.1	.5	1.2	2.3	3.0	1.8	.4							224	224	5					
58/ 57			.0	.3	.4	.9	1.7	1.6	2.7	.8	.1							207	207	7					
56/ 55			.2	.3	.6	.9	2.1	1.6	2.6	.5	.0							212	212	19					
54/ 53		.0		.5	.8	1.1	2.1	2.7	1.6	.3								219	219	47	1				
52/ 51		.2	.2	.3	1.1	.9	2.5	3.1	.8	.0								216	216	59	1				
50/ 49		.1	.5	.3	.5	1.0	2.3	2.3	.5									176	176	144	20				
48/ 47		.0	.5	.2	.7	1.6	2.5	1.2	.5									163	163	274	18				
46/ 45		.3	.1	.2	.3	.8	1.6	.8	.1									96	97	337	28				
44/ 43			.1	.2	.1	.9	1.3	.3										70	70	317	43				
42/ 41		.1	.3	.4	.3	.9	.7	.2										67	67	266	58				
40/ 39		.2	.1	.1	.2	.0	.3	.1										27	27	263	71				
38/ 37		.1	.1	.3		.0	.4											27	27	227	85				
36/ 35	.1	.1	.1	.0	.1	.1	.3											18	18	160	89				
34/ 33		.2					.0											5	5	105	119				
32/ 31							.0											1	1	83	139				
30/ 29					.0	.0												2	2	26	153				
28/ 27					.1													3	3	12	130				
26/ 25																				16	161				
24/ 23																				3	162				
22/ 21																				3	154				
20/ 19																				3	166				
18/ 17																					146				
16/ 15																					134				
14/ 13																					98				
12/ 11																					106				
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

43-44, 49-72

JAN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

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

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

43-44, 49-72

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

43-44, 49-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

2100-230
HOURS (L S T)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

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

USAFETAC
FORM
NH 6A
0-26-5 (OL A)

PSYCHROMETRIC SUMMARY

43-44, 49-72

FEB
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

0-26-5 (01 A) REVISÉD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

43-44, 49-72

FEB
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
0/ -1																					13	
-2/ -3																					9	
-4/ -5																					6	
-6/ -7																					3	
-8/ -9																					2	
TOTAL	13	8.5	18.4	24.9	20.4	16.0	7.0	2.9	.9	.7								2182	2182	2182		
																		2182		2182		
																		</				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44, 49-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL																																											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																																													
68/ 67								.1	.0										3	3																																													
66/ 65							.0			.2									5	5																																													
64/ 63										.0	.1								4	4																																													
62/ 61					.0			.1	.0		.2	.0							9	9																																													
60/ 59				.1		.2	.2	.1	.4	.2									26	26																																													
58/ 57				.3	.3	.4	.4	.2	.2										40	40																																													
56/ 55			.0	.3	.2	.4	.5	.5	.0										46	46	3																																												
54/ 53			.2	.2	.7	1.0	.5	.5	.1										68	68	5																																												
52/ 51		.1	.4	.6	.8	.7	.9	.3	.2										87	87	11																																												
50/ 49		.1	.5	1.1	1.2	1.4	.9	.2											118	118	31																																												
48/ 47	.0	.3	.7	1.2	1.6	2.5	1.2	.2											170	170	46																																												
46/ 45	.0	.4	1.1	1.8	1.4	2.1	1.5	.1											185	185	80																																												
44/ 43	.0	.4	1.1	1.4	2.3	1.8	1.2	.1											182	182	116																																												
42/ 41	.0	.6	1.6	1.5	2.4	1.6	.4												177	177	141																																												
40/ 39	.0	.8	2.1	2.5	3.2	1.5	.1												222	222	189																																												
38/ 37		.9	1.6	3.3	2.7	.7													193	193	207																																												
36/ 35		.8	1.8	3.9	2.1	.5													198	198	234																																												
34/ 33		.9	1.5	2.3	1.2	.2													136	136	245																																												
32/ 31		.6	1.3	2.0	.8	.0													104	104	251																																												
30/ 29	.0	.4	1.4	1.6	.5														86	86	223																																												
28/ 27		.3	.9	.7	.1														46	46	140																																												
26/ 25		.4	1.1	.6	.1														48	40	100																																												
24/ 23		.1	.2	.2															13	13	79																																												
22/ 21			.2	.1															7	7	45																																												
20/ 19		.0	.2	.1															7	7	16																																												
18/ 17			.1																2	2	14																																												
16/ 15			.0																1	1	3																																												
14/ 13																					3																																												
12/ 11																					1																																												
10/ 9																																																																	
8/ 7																																																																	
6/ 5																																																																	
4/ 3																																																																	
2/ 1																																																																	
Element (X)	Σ x ²					Σ x					x̄					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																																																																	

2

6

FEB

STATION

STATION NAME

YEARS

MONTH

0600-0800

HOURS (L, S, T.)

0-26-5 (QLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L. S. T.)

USAFETAC

PSYCHROMETRIC SUMMARY

FEB
MONTH

STATION

STATION NAME

YEARS

MONTH

0900-1100

HOURS (L - S - T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
10/ 9																					63			
8/ 7																					54			
6/ 5																					50			
4/ 3																					34			
2/ 1																					20			
0/ -1																					13			
-2/ -3																					7			
-4/ -5																					1			
-6/ -9																					1			
-16/-17																					1			
-24/-25																					1			
TOTAL		1.5	3.0	6.2	9.5	15.4	20.4	18.8	13.2	8.1	2.6	1.1	.3					2182		2182				
																		2182		2182				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44, 49-72

FEB

YEARS

PAGE 1

MONTH

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81												.0			.1			3	3						
80/ 79												.0	.1	.2	.1			12	12						
78/ 77										.1	.1	.5	.6	.4	.0			37	37						
76/ 75								.0	.0	.1	.4	.7	.6	.4	.0			50	50						
74/ 73										.2	.5	.9	1.1	.8	.2			63	63						
72/ 71							.0	.2	.2	1.0	1.4	1.7	.8					115	115						
70/ 69						.1	.3	.6	.9	1.5	1.8	.3						119	119						
68/ 67						.1	.3	.4	.6	1.2	2.6	1.3	.1					144	144						
66/ 65						.1	.3	.2	1.1	2.0	2.4	1.2	.0					161	161						
64/ 63				.1		.2	.6	1.3	1.1	3.1	2.4	.1						195	195	1					
62/ 61				.1	.1	.6	.6	1.1	2.2	3.1	1.3	.1						201	201						
60/ 59			.0	.2	.2	.4	.9	1.7	2.7	3.1	.8							220	220	8					
58/ 57				.0	.4	.5	.6	2.1	3.1	2.0	.1							191	191	18					
56/ 55			.2	.4	.3	.4	.8	2.1	2.1	1.7								177	177	64	2				
54/ 53			.3	.3	.2	.8	1.0	1.4	2.8	.3								155	155	119	2				
52/ 51		.1	.0	.0	.3	.3	.7	1.2	1.3									93	93	155	8				
50/ 49			.1	.2	.4	.3	.6	1.2	.7	.0								78	78	253	14				
48/ 47			.4	.3	.3	.2	.4	1.1	.0									61	61	264	23				
46/ 45	.0	.2	.2	.2	.1	.2	.6	.6										47	47	281	31				
44/ 43		.1	.1	.0	.1	.2	.5	.1										26	26	307	42				
42/ 41			.1	.1	.1	.2	.2											15	15	229	64				
40/ 39		.1	.2	.1		.0	.0											11	11	184	50				
38/ 37			.1			.1	.0											5	5	133	81				
36/ 35						.0												1	1	84	96				
34/ 33																				46	105				
32/ 31																				25	127				
30/ 29																				5	111				
28/ 27																				3	128				
26/ 25																				1	165				
24/ 23																					143				
22/ 21																					163				
20/ 19																					141				
18/ 17																					131				
16/ 15																					103				
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

43-44, 49-72

FEB

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44,49-72

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81												.0			.1				3	3					
80/ 79												.1	.2	.4	.3		.0		23	23					
78/ 77										.0	.1	.4	.5	.3	.0				26	26					
76/ 75										.0	.2	1.2	.7	.6	.0				62	62					
74/ 73										.1	.2	.7	1.2	1.4	.4				89	89					
72/ 71										.2	.5	1.2	1.3	1.2					96	96					
70/ 69							.0	.2	.4	1.2	2.2	1.9	.8						143	143					
68/ 67						.1	.0	.1	.6	1.0	2.3	1.2	.2						120	120					
66/ 65					.0	.1	.6	.7	1.1	2.2	2.8	1.2							188	188					
64/ 63						.2	.5	1.0	1.2	2.9	2.3	.4							186	186					
62/ 61				.2	.2	.2	1.0	1.1	1.8	2.7	1.5	.2							192	192					
60/ 59		.0	.0	.2	.2	.3	1.0	1.3	2.9	2.5	1.4								211	211	3				
58/ 57			.3	.3	.3	.6	.8	1.5	2.3	2.9	.0								191	191	13				
56/ 55			.1	.2	.3	.7	.9	2.2	2.9	.9									176	176	57				
54/ 53			.2	.2	.2	.5	1.3	1.3	1.6	.3									122	122	113				
52/ 51		.1	.2	.2	.2	.2	.7	1.4	1.6										97	97	177				
50/ 49		.0	.4	.4	.5	.5	.5	1.0	1.0										85	85	261				
48/ 47			.5	.5	.5	.1	.2	.3	1.1	.0									56	56	278				
46/ 45		.3	.4	.5	.1	.0	.4	.4											47	47	290				
44/ 43			.1	.1	.1	.1	.4	.2											24	24	275				
42/ 41		.0	.2	.1	.1	.1	.0												14	14	251				
40/ 39		.2	.1			.1	.1												14	14	204				
38/ 37		.0	.1	.0															4	4	101				
36/ 35																				76	101				
34/ 33																				45	109				
32/ 31																				18	123				
30/ 29																				7	115				
28/ 27																				2	109				
26/ 25																					132				
24/ 23																					167				
22/ 21																					150				
20/ 19																					135				
18/ 17																					122				
16/ 15																					109				
Element (X)	Σx^2		Σx		$\bar{x}$		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

FEB

STATION

STATION NAME

YEARS

MCNTN

PAGE 1 1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44,49-72

FEB

STATION

STATION NAME

YEARS

PAGE 1

MONTH

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
74/ 73													.0						1	1				
72/ 71													.1						2	2				
70/ 69									.1				.0						3	3				
68/ 67								.0	.2		.1	.1							11	11				
66/ 65							.0	.2	.2		.2	.1							15	15				
64/ 63						.1	.2	.2	.2	.2	.0								19	19				
62/ 61				.0	.0	.1	.1	.6	.5	.4	.1								39	39				
60/ 59				.1	.3	.4	.6	.6	.4	.3	.0								57	57				
58/ 57			.0	.2	.9	.9	1.0	.9	.5	.1	.1								102	102				
56/ 55		.0	.1	.3	.3	1.2	.6	1.4	.8	.3									108	108	2			
54/ 53			.3	.6	1.0	1.2	2.0	1.2	.7	.0									131	131	14			
52/ 51		.1	.4	1.0	1.7	1.7	2.1	1.7	.4										195	195	31	4		
50/ 49		.1	.9	1.1	2.1	2.1	3.0	1.1	.1										231	231	59	2		
48/ 47		.4	.7	1.4	1.7	2.6	1.6	1.1											230	230	113	12		
46/ 45		.3	.9	1.2	2.2	2.6	2.2	.0											219	219	146	36		
44/ 43		.5	1.1	1.0	2.3	2.8	2.1	.1											220	221	175	55		
42/ 41		.2	.9	.9	1.9	2.4	.7												153	153	239	54		
40/ 39	.0	.1	.5	1.1	2.0	2.9	.6												156	156	249	71		
38/ 37		.2	.5	.4	1.7	1.6	.0												97	97	281	95		
36/ 35		.3	.2	.9	1.3	.6													71	71	210	130		
34/ 33		.1	.4	.9	.5	.1													44	44	206	109		
32/ 31		.2	.3	.5	.2	.0													27	27	167	100		
30/ 29		.4	.2	.2	.1														20	20	151	118		
28/ 27		.0	.1	.0	.1														7	7	89	116		
26/ 25				.0	.1														3	3	27	132		
24/ 23																					9	170		
22/ 21																					7	135		
20/ 19																					3	121		
18/ 17																					1	130		
16/ 15																						120		
14/ 13																						97		
12/ 11																						77		
10/ 9																						82		
8/ 7																						74		
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

43-44, 49-72

FEB

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																					46
4/ 3																					42
2/ 1																					23
0/ -1																					11
-2/ -3																					8
-4/ -5																					7
-6/ -7																					3
-12/-13																					1
TOTAL	.0	3.0	7.4	12.0	20.7	24.3	16.7	9.6	4.0	1.3	.6	.2	.2					2181	2182	2181	2181
																		</			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	10	11-12	13-14	15-16	17-19	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73										.0								1	1						
72/ 71											.1							2	2						
70/ 69												.1	.1	.1				8	8						
68/ 67							.0	.0		.2	.2	.2						17	17						
66/ 65							.1	.1	.3	.3	.3	.1						37	37						
64/ 63							.1	.2	.3	1.1	.3	.1						51	51						
62/ 61					.0	.2	.1	.6	.9	.9	.5							77	77						
60/ 59					.0	.2	.4	.8	1.2	1.6	.2							108	108						
58/ 57				.2	.2	.4	.6	1.2	1.2	1.1	.0							120	120						
56/ 55			.2	.3	.2	.8	2.3	1.9	1.6	.4								189	189	2					
54/ 53		.0	.1	.4	1.2	1.6	2.0	3.1	1.5	.2								248	248	10					
52/ 51		.0	.4	.4	.9	1.7	2.3	2.4	.8	.1								221	221	23					
50/ 49	.1	.3	.4	.7	1.1	1.8	2.4	2.5	.3									234	234	36	8				
48/ 47		.3	.6	1.3	1.3	1.9	2.8	1.4	.1									242	242	97	10				
46/ 45		.2	.9	1.3	1.2	2.8	3.4	.5										256	256	213	19				
44/ 43		.4	.9	.9	1.1	2.1	2.1	.3										199	199	270	31				
42/ 41	.0	.6	.7	.5	1.1	2.4	1.0	.1										159	159	308	38				
40/ 39		.2	.6	.1	.7	2.4	.5											114	114	358	59				
38/ 37		.3	.4	.3	1.2	1.0	.2											86	86	281	96				
36/ 35		.0	.2	.4	.3	.6	.0											45	45	281	120				
34/ 33			.0	.1	.6	.3												25	25	198	122				
32/ 31			.0	.0	.5	.1												17	17	151	137				
30/ 29				.0	.2													5	5	116	142				
28/ 27				.0														1	1	48	129				
26/ 25					.1													2	2	30	126				
24/ 23					.0													1	1	16	137				
22/ 21																				4	139				
20/ 19																					162				
18/ 17																				3	158				
16/ 15																					169				
14/ 13																					179				
12/ 11																					132				
10/ 9																					80				
8/ 7																					68				
Element (X)	Σ X'		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 84 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

MONTH

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
6/ 5																						73		
4/ 3																						41		
2/ 1																						36		
0/ -1																						25		
-2/ -3																						13		
-4/ -5																						7		
-6/ -7																						7		
-8/ -9																						1		
-10/-11																						1		
TOTAL	.1	2.5	5.6	7.1	12.2	20.3	20.5	15.0	8.1	5.9	2.0	.5	.1						2465		2465			
																		2465		2465				

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAR

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																					
76/ 75												.0						1	1																						
72/ 71											.1	.0						3	3																						
70/ 69												.1						2	2																						
68/ 67												.1						2	2																						
66/ 65										.1	.2	.2	.1	.2				13	13																						
64/ 63								.1	.2	.3	.2	.2	.2	.2				16	16																						
62/ 61								.1	.2	.3	.3	.3	.2	.2				37	37																						
60/ 59						.3	.3	.4	1.0	.3	.2							61	61																						
58/ 57				.1	.4	.4	.7	.9	.7									80	80																						
56/ 55			.1	.1	.2	.3	.9	2.0	1.5	.3								134	134																						
54/ 53			.2	.3	.6	1.0	1.3	2.1	.9	.2								162	162																						
52/ 51			.2	.6	1.3	1.7	1.8	2.0	.2									188	188																						
50/ 49	.1	.2	.4	.7	1.4	2.2	2.7	1.8	.2									236	236																						
48/ 47	.1	.2	.6	.9	1.7	2.6	3.2	1.5										266	266																						
46/ 45		.4	.7	1.7	1.6	2.2	3.3	.7										258	258																						
44/ 43		.2	1.5	1.1	1.5	3.0	2.2	.1										237	237																						
42/ 41	.0	.9	.7	1.7	1.7	2.9	.8	.0										214	214																						
40/ 39		.5	.7	.6	2.2	2.6	.4											172	172																						
38/ 37		.4	.8	.5	2.0	1.5	.2											131	131																						
36/ 35	.1	.6	.4	.7	1.8	1.0												113	113																						
34/ 33		.3	.3	.6	.6	.1												45	45																						
32/ 31		.0	.2	.5	1.0	.2												47	47																						
30/ 29			.1	.1	.4													16	16																						
28/ 27			.1	.4	.2													17	17																						
26/ 25				.2	.1													7	7																						
24/ 23				.0														1	1																						
22/ 21				.1														2	2																						
20/ 19																																									
18/ 17																																									
16/ 15																																									
14/ 13																																									
12/ 11																																									
10/ 9																																									
8/ 7																																									
Element (X)	Σ X ²					Σ X					X̄					σ _x					No. Obs.					Mean No. of Hours with Temperature															
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																																									
Wet Bulb																																									
Dew Point																																									

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

USAFETAC

PSYCHROMETRIC SUMMARY

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72

MAR
MONTH

PAGE 2

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

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

MAR

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
74/ 73											.0								1	1																
72/ 71											.1		.0						3	5																
70/ 69											.0	.2		.0					7	7																
68/ 67											.0	.2	.1	.0					14	14																
66/ 65											.1	.2	.3	.1					22	22																
64/ 63											.2	.4	.6	.5	.0				49	49																
62/ 61											.0	.2	.3	.8	.3				56	56																
60/ 59				.0	.1	.2	.8	1.1	1.3	.8	.2							113	113																	
58/ 57			.0	.1	.0	.4	.8	1.1	1.2	.9	.0							112	112																	
56/ 55			.1	.2	.4	.8	1.6	2.0	1.7	.3								178	178	1																
54/ 53			.1	.3	.8	.9	1.5	3.1	.9	.1								196	196	9																
52/ 51		.1	.2	.3	.7	1.7	2.0	2.4	.6									198	198	23	1															
50/ 49	.0	.2	.2	1.1	1.8	2.3	2.3	2.2	.2									257	257	50	2															
48/ 47		.4	.5	1.2	1.1	2.2	3.2	1.1										240	240	101	9															
46/ 45		.1	.6	1.2	1.3	2.2	2.8	.8										226	226	173	18															
44/ 43		.6	.9	.8	1.3	2.5	1.1	.2										183	183	241	19															
42/ 41	.0	.5	.5	1.1	1.5	2.7	1.0											178	178	294	38															
40/ 39	.0	.3	.7	.9	1.5	1.9	.2											147	147	330	73															
38/ 37		.2	.2	.7	1.4	.8	.0											84	84	296	95															
36/ 35	.0	.2	.4	.7	1.3	.6												81	81	277	109															
34/ 33	.0	.3	.3	.4	.8	.3												52	52	228	123															
32/ 31	.0		.1	.4	.6													27	27	171	116															
30/ 29		.1	.1	.4	.4	.0												27	27	116	145															
28/ 27				.3	.2													12	12	65	149															
26/ 25				.0														1	1	47	157															
24/ 23				.1														3	3	27	124															
22/ 21			.0	.1														3	3	15	139															
20/ 19																				3	185															
18/ 17																				4	173															
16/ 15																				1	175															
14/ 13																					165															
12/ 11																					111															
10/ 9																					107															
8/ 7																					84															
Element (X)	ΣX ²			ΣX			X̄			s _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																																				

PSYCHROMETRIC SUMMARY

MAR

STATION

STATION NAME

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112
STATIONNELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72

YEARS

MAR

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point													
84/ 83																		.0												1	1			
82/ 81																		.2	.0											5	5			
80/ 79											.0			.1	.5	.2	.2	.2											18	18				
78/ 77							.0						.1	.5	.6	.2	.2												37	37				
76/ 75												.1	.1	.8	.9	.0													51	51				
74/ 73												.1	.6	.8	1.3	.5													81	81				
72/ 71												.4	.7	1.8	1.3	.3													112	112				
70/ 69							.1		.2		.8	1.7	2.5	.5	.1														148	148				
68/ 67							.0	.1	.2	.4	1.3	2.2	1.9	.2															157	157	1			
66/ 65							.0	.1	.4	1.2	2.1	3.0	.6	.0															186	186				
64/ 63						.0	.1	.4	1.0	2.3	2.2	1.9	.8																212	212				
62/ 61					.2	.2	.4	1.1	1.9	2.9	1.1	.2																	195	195		1		
60/ 59			.0	.0	.2	.6	.5	1.6	2.4	3.2	.9																		238	238	1			
58/ 57			.0		.4	.4	1.3	1.7	2.7	1.8	.1																		208	208	7			
56/ 55			.1		.2	.7	1.1	1.7	3.0	1.3	.0																		200	200	25			
54/ 53			.0	.2	.4	.6	1.2	1.9	2.1	.2																			166	166	83	1		
52/ 51			.2	.1	.6	.8	.9	1.5	1.3																				130	130	168	3		
50/ 49	.0	.2	.3	.3	.4	.9	1.6	.4																					101	101	301	4		
48/ 47		.3	.3	.5	.3	.7	1.5	.1																					90	90	339	12		
46/ 45	.0	.2	.3	.2	.3	.8	.4																						58	58	374	13		
44/ 43	.1	.0	.0	.3	.1	.8	.1																						36	36	293	31		
42/ 41	.2	.0	.0	.1	.1	.2	.0																						19	19	301	44		
40/ 39	.2	.0			.0	.1	.2																						14	14	224	54		
38/ 37					.0	.0																							1	1	143	77		
36/ 35	.0				.0	.0																							3	3	101	106		
34/ 33																															61	105		
32/ 31																															28	147		
30/ 29																														7	168			
28/ 27																														7	152			
26/ 25																													1	159				
24/ 23																																176		
22/ 21																																160		
20/ 19																																165		
18/ 17																																193		
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																																		
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

PSYCHROMETRIC SUMMARY

23112	NELLIS AFB NEVADA/LAS VEGAS
STATION	STATION NAME

42=44, 49=72

MAR

PAGE 2 0900-1100

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72
YEARS

MAR
MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89																	.1	3	3		
88/ 87																	.2	5	5		
86/ 85																	.6	21	21		
84/ 83														.0	.1	.4	.9	43	43		
82/ 81												.0	.1	.8	1.5	.6	.3	76	76		
80/ 79												.5	1.6	1.7	.2		.0	98	98		
78/ 77										.2	.0	.1	1.3	2.4	1.2	.0	.0	128	128		
76/ 75							.1			.0	.3	1.1	2.2	2.7	.3			165	165		
74/ 73										.2	.5	1.5	3.5	1.5	.0			180	180		
72/ 71								.2	.2	.3	1.2	2.8	2.8	.6				198	198		
70/ 69					.0		.1	.2	.3	.9	1.8	3.3	1.4	.2				202	202		
68/ 67							.0	.1	.5	1.4	2.1	2.4	.6					177	177		
66/ 65				.1		.0	.2	.2	.6	1.8	2.5	1.8	.2					184	184	1	
64/ 63					.0	.0	.2	.4	1.3	1.5	2.7	.6						169	169	1	
62/ 61			.0		.0	.1	.4	.8	1.2	2.1	2.4	.2						176	176	2	
60/ 59			.0		.1	.3	.4	.7	1.2	2.7	1.5	.0						171	171	8	1
58/ 57				.2	.1	.4	1.0	.8	2.0	.1								114	114	28	2
56/ 55				.2	.4	.4	.9	1.8	1.1	.0								118	118	109	3
54/ 53			.1	.0	.2	.4	.6	.5	.9	.3	.0							81	81	224	1
52/ 51		.0	.1	.4	.1	.1	.4	.4	1.1									64	64	330	2
50/ 49			.1	.1	.2	.2	.4	.5	.2									41	41	398	3
48/ 47			.1	.1	.1	.1	.2	.1	.1									17	17	332	12
46/ 45		.0	.1	.1	.1		.0	.2										16	16	293	17
44/ 43		.2	.0	.0			.0											7	7	241	16
42/ 41		.2	.0	.0			.1											9	9	218	36
40/ 39		.1																3	3	140	46
38/ 37																				79	51
36/ 35																				40	77
34/ 33																				14	91
32/ 31																				5	122
30/ 29																					156
28/ 27																				3	153
26/ 25																					216
24/ 23																					182
Element (X)	Z _X ²		Z _X		X̄		e _X		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAR

STATION

STATION NAME

YEARS

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
90/ 89																	.2	6	6																	
88/ 87																	.3	8	8																	
86/ 85																	.4	40	40																	
84/ 83																	.5	56	56																	
82/ 81															.1	.7	.8	87	87																	
80/ 79								.0					.1	.5	1.1	2.1	.4	106	106																	
78/ 77							.0					.1	.2	1.2	2.5	1.4	.1	138	138																	
76/ 75												.2	.7	2.8	4.0	.4		199	199																	
74/ 73												.3	1.3	4.0	1.7	.1		185	185																	
72/ 71							.0	.1	.2	.2	1.3	2.3	3.1	.4				189	189																	
70/ 69							.1	.1	.3	.9	1.8	2.6	1.9	.2				195	195																	
68/ 67			.0				.0	.0	.1	.4	1.4	2.4	.9					181	181																	
66/ 65			.0				.0	.1	.4	.6	1.1	2.0	2.6	.1				172	172																	
64/ 63		.1	.0				.0	.2	.2	.8	1.7	2.5	1.4	.0				171	171																	
62/ 61		.0					.1	.2	.9	.9	1.8	2.0	.1					148	148																	
60/ 59		.0				.1	.3	.3	.9	1.5	1.9	1.4						158	158																	
58/ 57				.1	.1	.3	.4	.7	.9	1.5	1.5	.3						166	166																	
56/ 55				.1	.4	.2	.6	.7	1.2	.9	.0							105	105																	
54/ 53			.1	.1	.2	.2	.2	.6	1.0	.6								70	70																	
52/ 51		.1	.1	.2	.2	.0	.2	.5	.4									44	44																	
50/ 49		.0	.2	.2	.2	.2	.3	.2	.2	.1								31	31																	
48/ 47		.1	.3	.0	.2	.2	.2	.2	.1									29	29																	
46/ 45	.0	.1	.2	.2	.1		.1											18	18																	
44/ 43	.2	.0	.0	.0			.0											8	8																	
42/ 41	.2	.0	.0				.0											8	8																	
40/ 39							.0											1	1																	
38/ 37																																				
36/ 35																																				
34/ 33																																				
32/ 31																																				
30/ 29																																				
28/ 27																																				
26/ 25																																				
24/ 23																																				
Element (X)	Σ X'					Σ X					X̄					s _x					No. Obs.					Mean No. of Hours with Temperature						Total				
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 3-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72

MAR

MONTH

PAGE 2

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

[illegible]

PSYCHROMETRIC SUMMARY

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44, 49-72

MAR

PAGE 1

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

MAR

MONTH

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1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

MAR

PAGE 1

2100-2300

MOORE (1-5-7-3)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
8 / 7																					71		
6 / 5																					47		
4 / 3																					49		
2 / 1																					41		
0 / =1																					33		
-2 / =3																					18		
-4 / =5																					10		
-6 / =7																					8		
-8 / =9																					1		
-10 / =11																					1		
-16 / =17																					1		
TOTAL	.1	1.8	2.9	5.0	6.1	11.7	18.6	19.4	13.4	10.8	6.4	2.9	.8	.1					2466		2464		
																		2464		2464			

PSYCHROMETRIC SUMMARY

APR

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

APR

PAGE 2 0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
10/ 9																						74
8/ 7																						50
6/ 5																						29
4/ 3																						19
2/ 1																						15
0/ -1																						13
-2/ -3																						4
-4/ -5																						1
-6/ -7																						1
TOTAL	.0	1.2	2.9	3.3	4.4	9.2	15.4	17.5	19.6	12.3	7.5	4.5	1.7	.5	.0				2415	2416	2415	2415
																		2415		2415		
				</																		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

APR

STATION

STATION NAME

YEARS

PAGE 1

MONTH
0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
78/ 77												.0							1	1							
76/ 75																			1	1							
74/ 73										.0	.0	.1	.1	.1	.0		.0		10	10							
72/ 71											.2	.1	.3	.1					17	17							
70/ 69											.2	.4	1.0	.1					40	40							
68/ 67											.7	1.2	.4						56	56							
66/ 65						.0	.1	.4	1.2	1.0	1.2	.4							107	107							
64/ 63						.2	.3	.5	1.3	1.7	.7	.2							116	116							
62/ 61						.2	.6	1.6	1.7	1.4	.5	.2							149	149							
60/ 59				.1	.3	.7	1.0	1.9	2.7	.7	.4								187	187							
58/ 57			.1	.1	.3	.7	2.1	2.9	2.6	.9									235	235	1						
56/ 55			.5	.2	.6	1.6	2.2	2.7	1.5	.6									233	233	3						
54/ 53		.0	.0	.7	.5	1.7	1.9	2.7	1.7	.2									230	230	29						
52/ 51		.2	.2	.4	.7	1.4	2.4	2.2	.4	.0									188	188	63	4					
50/ 49	.0	.2	.3	.7	1.0	2.0	2.5	2.7	.2										234	236	153	14					
48/ 47		.3	.6	.7	.7	1.7	2.4	2.4	1.0	.0									195	197	253	14					
46/ 45		.2	.7	.5	1.0	2.2	1.5	.3											155	155	334	23					
44/ 43		.4	.7	.5	.7	1.4	1.0	.3											117	117	307	42					
42/ 41	.0	.5	.4	.4	.4	1.0	.2	.1											73	73	320	64					
40/ 39		.2	.4	.2	.6	.1													37	37	269	76					
38/ 37		.2	.2	.1	.2	.0													19	19	282	92					
36/ 35		.1	.2																7	7	194	118					
34/ 33					.0														2	2	113	140					
32/ 31					.1														2	2	54	148					
30/ 29																					27	167					
28/ 27																					5	153					
26/ 25																					3	226					
24/ 23																					1	185					
22/ 21																						182					
20/ 19																						140					
18/ 17																						118					
16/ 15																						111					
14/ 13																						109					
12/ 11																						89					
Element (X)	Σ x ²				Σ x				x̄				σ _x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 10-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

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

MONTH

0300-0500

HOURS (L. S. T.)

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

USAFETAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

APR

PAGE 1 0600-0800

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

APR

PAGE 2

0600-0800

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

42-44, 49-72

APR

STATION

STATION NAME

YEARS

PAGE 2

0900-1100

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42=44, 49=72

YEARS

APR

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1200-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

HOURS (L, S, T,

USAFETAC

PSYCHROMETRIC SUMMARY

YFARS

APP

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

[illegible]

PSYCHROMETRIC SUMMARY

APR

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

USAFETAC FORM	0-26-5 (01 A)
1. NAME OF THE ORGANIZATION	
2. ADDRESS	
3. CITY	
4. STATE	
5. ZIP CODE	
6. PHONE NUMBER	
7. FAX NUMBER	
8. E-MAIL ADDRESS	
9. TITLE OF THE PROJECT	
10. DESCRIPTION OF THE PROJECT	
11. OBJECTIVES OF THE PROJECT	
12. BUDGET	
13. FUNDING SOURCE	
14. CONTACT PERSON	
15. DATE	

PSYCHROMETRIC SUMMARY

25112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

APR

PAGE 1 1800-2600

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>23112</u>	<u>NELLIS AFB NEVADA/LAS VEGAS</u>
STAT DN	STATION NAME

42-44, 49-72

APR

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1800-2000

HOURS (1. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

YEARS

2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

STATION

STATION NAME

YEARS

PAGE 2

MONTH

2100-2300

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
YEARS

MAY
MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87														.0						1	1			
86/ 85													.1	.1	.2	.1				12	12			
84/ 83													.2	.3	.2	.2				27	27			
82/ 81												.1	.4	.2	.4	.1				31	31			
80/ 79										.0	.2	.2	1.2	1.0	.4					74	74			
78/ 77											.4	.6	1.3	1.2	.3					96	96			
76/ 75								.1	.0	.1	.3	2.0	2.2	1.0						144	144			
74/ 73							.0		.2	.4	1.4	2.0	2.0	.4						160	160			
72/ 71								.0	.3	.8	3.1	2.6	1.2	.0						203	203			
70/ 69						.0	.2	.3	.4	2.2	3.8	2.8	.7							260	261			
68/ 67					.1		.3	.4	1.2	2.7	2.9	1.7	.0							231	231			
66/ 65		.0		.2		.0	.2	.6	2.1	2.5	2.9	.7								224	224			
64/ 63			.1	.2	.0	.2	.3	1.1	2.1	2.2	1.8	.2								202	202	4		
62/ 61				.1	.2	.2	1.1	1.4	2.5	2.0	.8									204	204	5		
60/ 59		.0	.1	.2	.1	.8	.8	1.2	2.2	2.0	.4									196	196	37		
58/ 57		.2	.1	.2	.2	.7	.8	1.2	1.7	.6	.0									137	137	55		
56/ 55		.0	.1	.0		.6	.7	1.0	1.4	.3										104	104	136	14	
54/ 53			.2	.2	.1	.2	.6	1.2	.7	.0										80	80	257	10	
52/ 51		.0	.2	.2	.1	.4	.4	.6	.1											54	54	369	8	
50/ 49		.0	.4		.2	.0	.3	.3	.0											34	34	448	13	
48/ 47		.1	.0	.1	.1	.1	.1	.1												17	17	375	19	
46/ 45				.1	.1			.1												6	6	305	30	
44/ 43		.1																		2	2	205	68	
42/ 41		.0																		1	1	153	65	
40/ 39																						102	81	
38/ 37																						32	116	
36/ 35																						14	184	
34/ 33																						3	190	
32/ 31																							203	
30/ 29																							220	
28/ 27																							214	
26/ 25																							186	
24/ 23																							186	
22/ 21																							164	
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

MAY

YEARS

MONTH

PAGE 2 0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

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PAGE 1

0300-0500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
18/ 17																						103		
16/ 15																						82		
14/ 13																						63		
12/ 11																						34		
10/ 9																						31		
8/ 7																						8		
6/ 5																						10		
4/ 3																						7		
2/ 1																						3		
0/ -1																						1		
TOTAL		.7	1.6	1.7	2.8	5.6	10.8	15.8	18.4	17.2	13.0	7.8	3.2	1.4	.2					2494		2494		
																			2494		2494			

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72.

MAY

STATION

STATION NAME

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PAGE 1

0600-0800

MCJRS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAV

MONTH

PAGE 2

0900-1100

HOURS (L. S. T.)

[illegible]

0-26:5-101 A)

FORM 0-26:5-101 A)

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAY

STATION

STATION NAME

YEARS

PAGE 1

MONTH

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
110/109																			.1	2	2															
108/107																			.1	2	2															
106/105																			.2	5	5															
104/103																			.4	10	10															
102/101																			1.5	37	37															
100/ 99																			2.7	68	68															
98/ 97																		.1	4.6	118	118															
96/ 95																		.3	6.6	171	171															
94/ 93																	.2	.7	7.4	208	208															
92/ 91																.1	.2	.6	6.9	196	196															
90/ 89																.2	1.0	3.0	6.8	249	249															
88/ 87															.2	.4	1.0	3.6	4.0	229	229															
86/ 85														.1	.2	.6	2.4	4.2	.7	206	206															
84/ 83											.1	.1	.4	1.3	2.5	2.2	.3	.0	133	133																
82/ 81										.0	.0	.2	.8	1.3	2.1	.6	.0	.0	129	129																
80/ 79										.1	.2	.4	1.1	1.4	1.7	.2	.1	.1	92	92																
78/ 77									.0	.1	.4	.8	1.3	1.4	.1			.9	101	101																
76/ 75								.1	.0	.3	.9	1.2	.8					.2	84	84																
74/ 73						.0	.0	.5	.6	1.0	.8	.2							.4	81	81															
72/ 71				.0	.0	.0	.1	.0	.3	.8	.5	.3							.0	49	49	2														
70/ 69				.0	.0	.1	.0	.0	.3	.3	.3	.7	.0						.0	47	47	13														
68/ 67				.0	.0	.0	.0	.1	.2	.4	.3	.2							.0	35	35	48														
66/ 65				.1	.1	.1	.1	.3	.4	.2	.0								.0	33	33	146														
64/ 63				.0	.1	.2	.2	.0	.1	.1	.1								.1	19	19	295														
62/ 61				.0	.0	.2	.1	.1	.0										.0	11	11	430														
60/ 59				.0	.1	.0	.1												.0	5	5	532														
58/ 57			.1	.0	.0	.0	.0												.0	6	6	345														
56/ 55			.0																.0	1	1	216														
54/ 53																			.0			204														
52/ 51																			.0			135														
50/ 49																			.0			86														
48/ 47																			.0			32														
46/ 45																			.0			30														
44/ 43																			.0			11														
Element (X)	ΣX^2			ΣX			$\bar{X}$			σ_x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112	NELLIS AFB NEVADA/LAS VEGAS
STATION	STATION NAME

42-44, 49-72

MAY

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
110/109																		.0	1	1					
108/107																		.0	1	1					
106/105																		.2	6	6					
104/103																		.7	17	17					
102/101																		1.4	35	35					
100/ 99																		3.3	82	82					
98/ 97																		5.3	132	132					
96/ 95																	.2	7.6	195	195					
94/ 93																.1	.4	7.8	206	206					
92/ 91															.1	.2	.6	8.3	230	230					
90/ 89													.0	.2	.4	1.8	8.4	269	269						
88/ 87													.1	.2	1.1	3.0	4.5	222	222						
86/ 85													.1	.0	.3	1.1	4.4	.9	175	175					
84/ 83													.2	.1	.6	2.1	2.1	.2	132	132					
82/ 81														.1	.3	.3	1.2	2.1	.6	116	116				
80/ 79												.0	.1	.2	.7	1.9	2.6	.4	.0	148	148				
78/ 77											.0	.0	.6	1.1	1.1	1.0	.0		98	98					
76/ 75								.0	.1	.2	.4	.4	1.2	1.5	.1				99	99					
74/ 73							.0	.1	.0	.1	.3	.5	1.3	.3	.0				67	67					
72/ 71						.1	.2	.0	.2	.6	1.6								72	72					
70/ 69						.0	.1	.2	.4	.6	.3								58	58	1				
68/ 67				.0		.2	.1	.4	.2	.5	.0								37	37	7				
66/ 65				.0		.1	.2	.1	.1	.3	.1	.2							31	31	45				
64/ 63				.1		.0	.3	.2	.2	.1	.0	.0							26	26	131				
62/ 61					.1	.0	.2	.1	.2	.1	.0								17	17	331				
60/ 59					.1	.2	.1	.1	.0										12	12	433				
58/ 57			.0	.0	.0	.1	.1		.1										10	10	512				
56/ 55				.0	.2														5	5	351				
54/ 53		.0																	1	1	230				
52/ 51																					183				
50/ 49																					149				
48/ 47																					82				
46/ 45																					29				
44/ 43																					10				
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

MAY

1500-1700

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

MAY

STATION

STATION NAME

YEARS

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PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	D. Bulb	Wet Bulb	Dew Point		
104/103																			.0	1	1			
102/101																			.2	4	4			
100/99																			.4	9	9			
98/97																			1.0	24	24			
96/95																		.6	2.0	30	50			
94/93																		.1	3.3	86	86			
92/91																		.4	3.8	108	108			
90/89														.0	.0	.4	1.4	5.3	177	177				
88/87														.2	.6	1.6	3.1	3.6	187	187				
86/85														.2	.6	1.8	5.2	1.2	223	223				
84/83														.2	.3	1.2	3.3	3.7	.2	223	223			
82/81														.3	.4	1.8	3.5	.9	.0	175	175			
80/79												.4	.3	1.3	3.2	3.0	.2		212	212				
78/77										.2	.2	.5	2.1	2.9	1.0				170	170				
76/75								.0	.1	.2	.3	1.2	2.0	2.3	.2				153	153				
74/73							.0	.1	.2	.3	.6	.8	1.8	1.0					124	124				
72/71						.0	.0	.1	.3	.4	.9	1.5	1.4	.2					117	117				
70/69						.1	.1	.2	.3	.4	1.0	2.0	.8						122	122				
68/67						.1	.1	.1	.3	.4	1.1	1.2	.1						92	92	1			
66/65						.1	.2	.1	.3	.6	1.0	.3							62	62	5			
64/63			.1	.1	.2	.2	.0	.3	.3	.3	.4	.1							47	47	25			
62/61			.0	.0	.0	.1	.1	.4	.2	.3	.3								44	44	122			
60/59				.1	.1	.0	.1	.2	.2	.3	.2								36	36	264			
58/57			.1	.1	.2	.3	.2	.3	.1	.0									25	25	377	2		
56/55			.1	.1	.1	.0	.1	.0	.0										15	15	489	5		
54/53			.1	.2	.0	.0	.0												10	10	399	5		
52/51						.1													3	3	268	9		
50/49						.1													2	2	222	17		
48/47																					184	27		
46/45																					83	35		
44/43																					36	32		
42/41																					16	61		
40/39																					2	65		
38/37																						97		
Element (X)	$\Sigma X'$		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA) JUL 64

2

YEARS

42=44, 49=72

MAY

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

MAY

STATION

STATION NAME

YEARS

PAGE 1

MONTH

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
98/ 97																	.0	1	1					
92/ 91																	.1	8	8					
90/ 89																.1	.2	11	11					
88/ 87															.2	.2	.6	.3	31	31				
86/ 85													.0	.4	.4	1.0	.1	49	49					
84/ 83												.1	.3	.8	1.5	1.7	.1	111	111					
82/ 81												.2	.5	1.5	3.1	.6		147	147					
80/ 79											.1	.7	1.7	3.2	2.3	.0	.0	202	202					
78/ 77										.2	.2	.8	2.5	3.6	1.0			206	206					
76/ 75									.2	.4	.7	2.3	3.8	2.7	.1			255	255					
74/ 73								.0	.2	.3	1.4	3.0	3.5	.8				232	232					
72/ 71							.0	.3	.3	.8	1.5	3.2	2.2	.1				211	211					
70/ 69				.0	.1	.1	.1	.1	.5	1.3	2.4	2.2	1.2					196	196					
68/ 67				.0	.1	.2	.6	.7	1.4	2.1	2.0	.2						181	181					
66/ 65			.1	.0	.0	.1	.2	.8	.8	1.7	2.3	1.0	.0					176	176					
64/ 63			.1	.1	.0	.2	.2	.5	.9	1.5	1.2	.2						123	123		1			
62/ 61		.1	.1	.0	.2	.4	.7	.6	1.1	.8								102	102		20			
60/ 59	.0	.1	.0	.1	.1	.4	.5	1.1	1.4	.1								95	95		63			
58/ 57		.1	.1	.1	.3	.2	.4	.6	.6									59	59		143			
56/ 55	.0	.2	.1	.2	.3	.1	.4	.6	.0									48	48		281			
54/ 53		.1	.2	.1	.2	.2	.0	.1										22	22		433			
52/ 51	.0	.2	.1	.0	.1	.0												15	15		462			
50/ 49	.1	.1	.0	.1	.1	.0												10	10		376			
48/ 47					.0													1	1		279			
46/ 45																					189			
44/ 43	.0																	1	1		121			
42/ 41																					82			
40/ 39																					20			
38/ 37																					3			
36/ 35																					139			
34/ 33																					175			
32/ 31																					173			
30/ 29																					185			
28/ 27																					224			
Element (X)	Σ X ²		Σ X		Σ		Σ X		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

2

YEARS

42-44, 49-72

MAY

MORTUARY

2100-2300

MOURE 11 5 7 1

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL																																													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																						
98/ 97																		.1	2		2																																																						
96/ 95																		.1	4		4																																																						
94/ 93																		.0	16		16																																																						
92/ 91													.0					.1	23		23																																																						
90/ 89												.1	.2	.2				.3	50		50																																																						
88/ 87											.1	.1	.1	.3				.8	75		75																																																						
86/ 85												.3	.3	.8	1.2	1.5		.3	107		107																																																						
84/ 83								.0			.1	.2	.8	1.4	2.1	1.1			138		138																																																						
82/ 81										.1	.3	.8	1.5	2.0	1.9	.4			167		167																																																						
80/ 79						.0		.0		.1	.6	1.7	2.0	2.6	1.9	.1			216		216																																																						
78/ 77						.0		.1	.2	.4	1.0	1.8	2.9	2.0	.6	.0			215		216																																																						
76/ 75						.1		.2	.4	.5	1.1	2.8	3.6	2.1					255		255																																																						
74/ 73							.1	.2	.6	.5	1.6	2.5	2.6	.5					215		215																																																						
72/ 71						.1	.1	.1	.1	.7	2.4	3.4	2.0	.1					213		214																																																						
70/ 69					.1	.1	.3	.3	.3	1.6	2.6	2.6	.3						186		186																																																						
68/ 67				.0	.1	.2	.3	.5	.8	1.7	2.1	1.1	.0						165		165																																																						
66/ 65				.1	.2	.1	.1	.4	1.4	1.2	1.5	.3							127		127																																																						
64/ 63			.0	.1	.1	.1	.2	.7	1.0	.9	.4	.0							85		85																																																						
62/ 61			.1		.0	.0	.0	.6	.5	.4	.0								40		40																																																						
60/ 59				.0			.2	.3	.5	.4									34		34																																																						
58/ 57				.0	.2	.1	.2	.2	.3	.1									25		25																																																						
56/ 55			.0		.1	.0	.1	.1	.0										12		12																																																						
54/ 53			.0		.1		.1	.0											6		6																																																						
52/ 51																																																																											
50/ 49																																																																											
48/ 47																																																																											
46/ 45																																																																											
44/ 43																																																																											
42/ 41																																																																											
40/ 39																																																																											
38/ 37																																																																											
36/ 35																																																																											
34/ 33																																																																											
32/ 31																																																																											
Element (X)	ΣX^2					ΣX					$\bar{X}$					σ_x					No. Obs.					Mean No. of Hours with Temperature																																																	
Rel. Hum.																										$\leq 0 F$					$\leq 32 F$					$\geq 67 F$					$\geq 73 F$					$\geq 80 F$					$\geq 93 F$					Total																			
Dry Bulb																																																																											
Wet Bulb																																																																											
Dew Point																																																																											

PSYCHROMETRIC SUMMARY

JUNE

STATION

STATION NAME

YEARS

MCYTH

0000-0200

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUN

STATION

STATION NAME

YEARS

PAGE 1

0300-0500

MONTH

NGURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97																	.0				1	1		
92/ 91																.1	.0				3	3		
90/ 89															.2	.1	.2	.0			11	11		
88/ 87												.1	.0	.1		.3	.4	.0			23	23		
86/ 85										.0	.0	.1	.1	.1	.5	.8	.4				51	51		
84/ 83									.0	.0	.2	.3	.4	.8	.9	.1	.0				65	65		
82/ 81							.0	.0	.2	.1	.2	.4	1.0	.9	.9	.1					93	93		
80/ 79						.0	.1	.2	.1	.8	1.8	1.5	1.8	.7	.0						168	168		
78/ 77							.1	.1	.3	.9	1.2	1.3	2.1	1.4	.2						163	163		
76/ 75							.1	.1	.3	.9	1.6	1.6	2.2	.8							176	176		
74/ 73					.0	.0	.0	.2	.5	1.2	2.0	3.1	2.1	.3							223	223		
72/ 71							.3	.3	.5	1.3	2.3	2.7	1.3	.0							210	210		
70/ 69					.1	.1	.1	.4	.8	1.9	3.5	3.2	.5								249	249	1	
68/ 67				.1	.2	.1	.3	.8	.9	2.6	3.9	1.4	.0								248	248	9	
66/ 65				.2	.2	.1	.3	.5	1.5	2.4	2.4	.3									185	185	10	
64/ 63			.2	.2	.3	.7	1.5	2.0	2.1	1.2	.0										193	193	27	1
62/ 61		.0	.2	.3	.0	.6	1.6	1.1	1.2	.3											129	129	46	2
60/ 59		.0	.0	.0	.2	.3	1.0	1.0	.6	.1											76	76	115	7
58/ 57			.0	.0	.2	.0	.5	.5	.7	.0											43	43	203	15
56/ 55			.0	.0	.4	.2	.4	.3													32	32	270	24
54/ 53			.1	.1	.1	.2	.2	.1	.1												18	18	293	18
52/ 51		.0	.2	.1	.1	.1	.1														14	14	346	14
50/ 49			.0	.0																	2	2	372	34
48/ 47																							340	55
46/ 45																							186	56
44/ 43																							108	82
42/ 41																							37	108
40/ 39																							12	135
38/ 37																							3	138
36/ 35																								162
34/ 33																								192
32/ 31																								185
30/ 29																								215
28/ 27																								172
Element (X)	ΣX^2		ΣX		$\bar{X}$		C_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

USAFETAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

JUN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	12-14	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																		.1						2			
100/ 99																		.3						7			
98/ 97																		.5						12			
96/ 95																		.9						29			
94/ 93															.0		.2	.2	1.3					41			
92/ 91														.0	.2	.3	.5	1.9						69			
90/ 89												.2	.1	.3	.5	.8	1.5	1.3						105			
88/ 87										.0	.3	.2	.3	.9	1.1	2.0	1.0							142			
86/ 85									.0	.0	.0	.3	.9	1.3	2.4	2.2	.4							181			
84/ 83								.0	.1	.1	.3	.7	1.5	2.1	3.2	1.1	.2							219			
82/ 81										.2	.5	.8	1.6	3.6	1.9	.2								208			
80/ 79								.1	.1	.3	.8	1.6	2.7	2.5	.8	.0								213			
78/ 77							.0	.0	.1	.3	1.3	1.8	2.6	2.2	.2									203			
76/ 75							.1	.1	.3	.5	1.3	2.4	2.4	.5	.0									181			
74/ 73							.2	.1	.4	.9	1.8	2.3	2.0	.1										185			
72/ 71							.2	.3	.4	1.0	1.4	1.9	.5											149			
70/ 69					.0	.2	.1	.4	.9	1.0	1.8	1.5	.3											148			8
68/ 67				.1	.2	.0	.2	.3	.9	1.4	1.1	.2												106			20
66/ 65				.1	.0	.1	.1	.5	.8	.4	.3	.1												59			42
64/ 63				.1	.0	.0	.3	.5	.5	.6	.2													53			81
62/ 61			.1		.1	.2	.4	.3	.1	.0	.0													32			180
60/ 59				.0	.0	.0	.1	.3	.1	.1														18			268
58/ 57				.0		.0	.1	.0	.1															8			15
56/ 55					.0	.0	.1	.1	.0															7			28
54/ 53			.0		.0																			2			18
52/ 51																											277
50/ 49																											197
48/ 47																											98
46/ 45																											41
44/ 43																											13
42/ 41																											3
40/ 39																											133
38/ 37																											166
36/ 35																											155
																											255
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OLA) 1-64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

42-44, 49-72

JUN
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JIN

STATION

STATION NAME

YEARS

MOL. Cr

PAGE 1

0900-1100

HOURS (L. S. T.)

[illegible]

REVEALED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL-A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

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

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
118/117																		.1	2		2				
116/115																		.1	2		2				
114/113																		.4	10		10				
112/111																		1.6	38		38				
110/109																		2.2	53		53				
108/107																		3.4	80		80				
106/105																		5.1	121		121				
104/103																		8.4	201		201				
102/101																	.0	8.9	213		213				
100/99																.0	.2	8.8	215		215				
98/97																.0	.0	.2	9.7	239		239			
96/95																.1	.1	.5	7.6	200		200			
94/93														.1		.3	.8	6.7	188		188				
92/91														.0	.0	.5	2.0	5.0	180		180				
90/89													.0	.1	.2	.8	1.8	3.2	146		146				
88/87														.2	.4	1.3	1.5	1.3	111		111				
86/85											.0	.1	.1	.3	.7	1.3	1.2	.2	93		93				
84/83										.0	.0	.1	.2	.8	1.6	.4	.0	.0	75		75				
82/81										.0	.0	.2	.1	.2	1.0	.7	.0	.0	55		55				
80/79						.0	.0	.1	.0	.0	.0	.2	.9	.4	.4	.4	.0	.0	53		53				
78/77						.0	.1	.1	.0	.0	.5	.5	.5	.5	.1				45		45				
76/75						.0	.1	.1	.0	.1	.5	.5	.5	.1					26		26				
74/73						.0	.1	.1	.0	.2	.3								15		15	1			
72/71						.0	.1	.1	.0	.1	.1								11		11	14			
70/69						.1	.0	.0	.0	.1									9		9	64			
68/67						.0	.0	.0	.0										2		2	174			
66/65																						345			
64/63																						374			
62/61																						530			
60/59																						372			
58/57										.0									1		1	246			
56/55																						152			
54/53																						70			
52/51																						27			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-25-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YE VRS

JUN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

JUN
MONTH

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

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
118/117																		.0	1	1						
116/115																		.3	6	6						
114/113																		.9	21	21						
112/111																		1.5	35	35						
110/109																		3.0	71	71						
108/107																		4.1	97	97						
106/105																		6.5	155	155						
104/103																		8.7	207	207						
102/101																	.0	.0	9.2	221	221					
100/99																	.1	.1	9.1	219	221					
98/97																	.3	10.4	254	254						
96/95															.0		.4	8.3	207	207						
94/93																	.5	6.6	170	171						
92/91															.0	.1	.8	5.0	144	144						
90/89																	.0	3.2	140	140						
88/87										.0	.0	.1	.1	.1	.2	.3	1.3	1.6	.3	94	94					
86/85										.1	.0	.1	.1	.2	.3	.4	1.2	.5	.0	58	58					
84/83										.0	.1	.0	.0	.1	.4	.6	.0	.0		42	42					
82/81										.1	.1	.0	.1	.4	.6	.0	.0	.0		45	45					
80/79							.0			.1	.0	.0	.0	.3	.3	.4	.0	.0		29	29					
78/77										.1	.0	.0	.0	.3	.2	.1	.0	.0		16	16					
76/75								.1			.0	.1	.2	.2						13	13	4	1			
74/73								.0	.1		.1	.1								7	7	14				
72/71								.0	.0	.1	.1									7	7	47				
70/69							.0		.0	.1	.1		.0							2	2	194				
68/67								.1	.1											5	5	320				
66/65				.1				.1												1	1	428	4			
64/63				.0																3	3	513				
62/61			.0		.1																	381	12			
60/59																						234	5			
58/57																						133	9			
56/55																						78	11			
54/53																						28	14			
52/51																										
Element (X)		Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 STATION NELLIS AFB NEVADA/LAS VEGAS 42-44, 49-72 YEARS JUN MONTH

PAGE 2 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
50/ 49																			3	26	
48/ 47				.1													2	2	1	29	
46/ 45																				49	
44/ 43																			1	102	
42/ 41																			1	132	
40/ 39																				162	
38/ 37																				232	
36/ 35																				292	
34/ 33																				257	
32/ 31																				198	
30/ 29																				196	
28/ 27																				191	
26/ 25																				120	
24/ 23																				109	
22/ 21																				58	
20/ 19																				46	
18/ 17																				32	
16/ 15																				26	
14/ 13																				15	
12/ 11																				23	
10/ 9																				10	
8/ 7																				9	
6/ 5																				4	
4/ 3																				2	
2/ 1																				1	
0/ -1																				2	
-2/ -3																				1	
-4/ -5																				1	
-10/-11																				1	
TOTAL		.0	.2	.2		.1	.2	.2	.4	.5	.4	1.3	2.0	3.2	5.1	7.5	78.6	2384		2382	
																	2381		2381		
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.	464536		28748		12.1		7.027		2382		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					90
Dry Bulb	22252342		229372		96.2		8.781		2384												90
Wet Bulb	9097606		146872		61.7		3.986		2381												90
Dew Point	2780914		78662		32.0		8.772		2382		.2	39.5	.0	.0							90

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
114/113																	.1	3	3								
112/111																	.2	4	4								
110/109																	.6	14	14								
108/107																	.9	22	22								
106/105																	1.9	44	44								
104/103																.0	2.6	64	64								
102/101																	4.5	106	106								
100/ 99															.0	.1	6.4	155	155								
98/ 97															.0	.2	6.7	164	164								
96/ 95															.1	.2	8.1	199	199								
94/ 93														.0	.3	.6	8.0	212	212								
92/ 91													.0	.5	1.3	7.4	221	221									
90/ 89												.1	.0	.2	.8	2.0	6.0	217	218								
88/ 87												.1	.1	.7	1.7	3.0	2.7	200	201								
86/ 85									.0	.0		.1	.2	.7	2.0	3.2	1.0	173	173								
84/ 83									.0	.0		.2	.3	1.2	1.9	1.8	.2	135	135								
82/ 81								.1	.1	.2	.3	.5	1.6	1.7	.4			118	118								
80/ 79							.0	.0	.1	.1	.2	.2	1.0	1.7	1.0	.2		106	106								
78/ 77						.0	.0	.0	.0	.1	.3	.6	1.1	.2				57	57								
76/ 75				.0	.1	.1	.1	.1	.1	.1	1.0	.5	.2	.0				55	55								
74/ 73				.0	.0	.1	.1	.0	.1	.3	.5	.2	.1					34	34	1							
72/ 71			.0	.0	.0	.1	.1	.2	.5	.2	.2							31	31	3							
70/ 69			.0	.0	.1	.1	.1	.1	.1	.2	.1							16	16	13							
68/ 67			.1	.0	.0	.0	.0	.0	.0	.1	.0							8	8	53							
66/ 65			.1	.0	.1	.0	.0	.0	.1	.0	.0							9	9	168							
64/ 63			.0	.0	.0	.0	.0	.0	.1	.0	.0							6	6	266	1						
62/ 61			.0	.1	.0	.0	.0	.0	.1	.0	.0							3	3	401	3						
60/ 59				.0		.0												1	1	478	4						
58/ 57																				404	12						
56/ 55																				294	13						
54/ 53																				178	11						
52/ 51																				79	20						
50/ 49																				28	24						
48/ 47																				7	22						
Element (X)	Σ X ²		Σ X		Σ		Σ X		No. Obs.		Mean No. of Hours with Temperature										Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total								
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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

PSYCHROMETRIC SUMMARY

JUN
MONTH

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																															
104/103																		.0	1	1																															
102/101																		.3	8	8																															
100/99																		.5	13	13																															
98/97																		.7	18	18																															
96/95																		.9	24	24																															
94/93																		1.1	31	31																															
92/91																		1.3	39	39																															
90/89																		1.5	48	48																															
88/87																		1.7	58	58																															
86/85																		1.9	69	69																															
84/83																		2.1	81	81																															
82/81																		2.3	94	94																															
80/79																		2.5	107	107																															
78/77																		2.7	121	121																															
76/75																		2.9	136	136																															
74/73																		3.1	151	151																															
72/71																		3.3	167	167																															
70/69																		3.5	183	183																															
68/67																		3.7	200	200																															
66/65																		3.9	218	218																															
64/63																		4.1	236	236																															
62/61																		4.3	255	255																															
60/59																		4.5	274	274																															
58/57																		4.7	294	294																															
56/55																		4.9	314	314																															
54/53																		5.1	335	335																															
52/51																		5.3	356	356																															
50/49																		5.5	377	377																															
48/47																		5.7	398	398																															
46/45																		5.9	419	419																															
44/43																		6.1	440	440																															
42/41																		6.3	461	461																															
40/39																		6.5	482	482																															
38/37																		6.7	503	503																															
Σ x ²																																																			
Σ x																																																			
X																																																			
σ _x																																																			
No. Obs.																																																			
Mean No. of Hours with Temperature																																																			
Rel. Hum.																																																			
Dry Bulb																																																			
Wet Bulb																																																			
Dew Point																																																			

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM - 1 OBSOLETE

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42=42; 49=72

JUN
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1

0000-0200
HQ45 (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

42-44, 49-72

JUL.
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
98/ 97																	.1	2	2					
96/ 95																	.1	3	3					
94/ 93														.0	.1	.1	.2	13	13					
92/ 91											.1	.2	.2	.4	.2	.2	.1	33	33					
90/ 89										.0	.2	.8	.5	.4	.3	.2	.2	66	66					
88/ 87									.1	.5	1.0	1.3	.9	.7	.4	.3	.1	128	129					
86/ 85								.1	.2	1.5	1.7	1.5	.9	1.2	1.1	.3		211	211					
84/ 83								.4	1.6	1.8	1.9	1.4	1.0	1.3	.7	.2	.0	258	258					
82/ 81						.0	.4	1.2	1.2	.9	1.2	1.4	1.4	2.2	.7	.0		262	262					
80/ 79					.2	.2	1.2	.9	1.0	1.4	.9	.9	2.0	1.8	.7	.0		268	268					
78/ 77				.0	.6	.6	.8	.5	.5	.7	1.1	2.2	3.0	1.3	.2			274	274					
76/ 75		.1	.4	.1	.2	.2	.4	.1	.2	.5	1.5	2.4	2.5	1.0	.0			272	272					
74/ 73		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2				199	199					
72/ 71		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2				171	171	21				
70/ 69		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2				141	141	116				
68/ 67		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2				69	69	254				
66/ 65		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2				49	49	248				
64/ 63		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2				23	23	198				
62/ 61		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2				10	10	178				
60/ 59		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2				4	4	170				
58/ 57		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2						188				
56/ 55		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2						258				
54/ 53		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2						259				
52/ 51		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2						215				
50/ 49		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2						150				
48/ 47		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2						98				
46/ 45		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2						63				
44/ 43		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2						33				
42/ 41		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2						7				
40/ 39		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2										
38/ 37		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2										
36/ 35		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2										
34/ 33		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2										
32/ 31		.1	.4	.1	.2	.2	.4	.1	.2	.5	2.2	1.9	1.8	.2										
Element (X)	Σ X ²		Σ X		Σ		Σ		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																								

0-26-5 (C, A)

USAFETAC

PSYCHROMETRIC SUMMARY

JUL
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

JUL

PAGE 1 0600-0800

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44,09-72

JUL

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

YEARS

JUL
MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
114/113																		.2	5	5					
112/111																		.3	7	7					
110/109																		.9	22	22					
108/107																		1.7	41	41					
106/105																		4.4	107	107					
104/103																	.1	6.6	163	164					
102/101																.1	1.2	8.1	231	232					
100/99															.2	1.0	2.1	8.4	287	287					
98/97														.5	1.4	2.4	1.7	8.6	354	354					
96/95											.0	.2	1.8	2.0	1.8	1.3	7.3	355	355						
94/93											.2	.7	1.4	1.6	1.2	.7	5.5	279	280						
92/91										.2	1.1	1.3	.9	.6	.3	1.2	3.3	217	217						
90/89									.1	.5	.6	1.4	.9	.5	.4	.5	1.1	1.9	176	176					
88/87								.1	.3	.7	.6	.2	.0	.1	.4	.4	.5		83	83					
86/85							.0	.2	.5	.6	.2	.0	.0	.1	.1	.5	.0		57	57					
84/83						.0	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0		30	30						
82/81						.1	.1	.0					.0	.0	.0			9	9						
80/79					.0	.2									.0	.0		8	8						
78/77				.0	.1	.0												4	4						
76/75				.0		.1												3	3		3				
74/73				.1														3	3		73				
72/71																					319				
70/69																					414	4			
68/67																					346	17			
66/65																					347	56			
64/63																					291	72			
62/61																					326	99			
60/59																					223	158			
58/57																					74	149			
56/55																					22	159			
54/53																					3	130			
52/51																						92			
50/49																						115			
48/47																						104			
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

YEARS

JUL

MONTH

PAGE 2

0900-1100

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
118/117																	.1	2	3						
116/115																	.2	4	4						
114/113																	1.0	24	24						
112/111																	3.5	85	85						
110/109																	6.7	165	165						
108/107																	10.2	249	249						
106/105																	12.7	311	312						
104/103																.7	14.0	360	360						
102/101												.0		.0	.4	1.2	12.5	347	347						
100/ 99												.9	.4	1.3	2.2	9.5	330	330							
98/ 97												.7	1.2	1.9	1.3	4.6	256	237							
96/ 95											.0	.4	1.0	1.6	.4	2.3	146	146							
94/ 93											.1	.7	.7	.5	.2	.1	.7	72	72						
92/ 91											.4	.5	.2	.0	.2	.0	.3	42	42						
90/ 89											.5	.2	.1		.0			30	30						
88/ 87									.3	.4	.5	.0	.1		.0			21	21						
86/ 85								.0	.1	.1								6	6						
84/ 83								.2	.1	.0								7	7						
82/ 81							.1	.0	.0									5	5						
80/ 79								.0										1	1	1					
78/ 77					.0													1	1	1					
76/ 75				.1														2	2	8					
74/ 73				.1														3	3	160					
72/ 71			.0															1	1	383	1				
70/ 69																				467					
68/ 67																				407	7				
66/ 65																				422	17				
64/ 63																				341	55				
62/ 61																				193	85				
60/ 59																				58	101				
58/ 57																				10	135				
56/ 55																					147				
54/ 53																					156				
52/ 51																					116				
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

YEARS

MC/24

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

YEARS

MONTH

1500-1700

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
116/115																		.3	7	7														
114/113																		1.4	34	35														
112/111																		4.4	109	109														
110/109																		8.0	197	197														
108/107																		11.6	283	283														
106/105																		13.6	333	333														
104/103												.0	.1					13.6	410	411														
102/101														.1	.1	1.1	14.0	378	378															
100/ 99													.0	.3	1.2	1.3	9.3	296	296															
98/ 97													.1	.7	1.1	.2	2.9	123	124															
" / 95												.3	.6	.7	.5	.2	.8	77	77															
94/ 93										.0	.1	.7	.8	.2	.2	.0	.5	63	63															
92/ 91										.1	.3	.5	.2	.3	.2		.1	52	52															
90/ 89										.1	.3	.5	.1	.0				24	24															
88/ 87										.2	.4	.2	.0	.1			.0	24	24															
86/ 85										.1	.0	.1						8	8															
84/ 83							.0	.2	.2	.1								12	12	1														
82/ 81							.2	.0	.0	.1								8	8	1														
80/ 79					.0	.0		.0										2	2	1														
78/ 77				.0	.0													2	2															
76/ 75				.1														3	3	8	1													
74/ 73				.1														2	2	105	1													
72/ 71																				334														
70/ 69	.0	.0	.0															3	3	464	3													
68/ 67																				480	13													
66/ 65																				480	16													
64/ 63																				338	43													
62/ 61																				150	64													
60/ 59																				76	73													
58/ 57																				12	107													
56/ 55																					134													
54/ 53																					101													
52/ 51																					113													
50/ 49																					135													
Element (X)	Z _X ²		Z _X		X̄		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																																		

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 STATION NELLIS AFB NEVADA/LAS VEGAS STATION NAME 42-44,49-72 YEARS JUL MONTH

PAGE 2 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
48/ 47																					104		
46/ 45																					136		
44/ 43																					135		
42/ 41																					184		
40/ 39																					209		
38/ 37																					187		
36/ 35																					190		
34/ 33																					114		
32/ 31																					92		
30/ 29																					60		
28/ 27																					53		
26/ 25																					42		
24/ 23																					34		
22/ 21																					27		
20/ 19																					20		
18/ 17																					19		
16/ 15																					19		
14/ 13																					7		
12/ 11																					3		
10/ 9																					4		
8/ 5																					1		
4/ 3																					2		
0/ =1																					2		
-2/ -3																					2		
-8/ -9																					1		
TOTAL	.0	.0	.0	.2	.0	.0	.2	.3	.7	1.1	1.5	1.7	2.0	2.3	3.3	3.3	3.2		2453		2451		
																		2450		2450			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

YEAR

JUL

MONTH

PAGE 1 1810-2000

HOURS (L. S. T.)

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL													
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
116/115																		.0	1																	
114/113																		.1	3																	
112/111																		.2	6																	
110/109																		.3	33																	
108/107																		.4	71																	
106/105																		.5	125																	
104/103																		.6	189																	
102/101																		.7	237																	
100/99																		.8	318																	
98/97																		.9	329																	
96/95																		1.0	312																	
94/93																		1.1	244																	
92/91																		1.2	197																	
90/89																		1.3	153																	
88/87																		1.4	92																	
86/85																		1.5	73																	
84/83																		1.6	22																	
82/81																		1.7	20																	
80/79																		1.8	18																	
78/77																		1.9	7																	
76/75																		2.0	2																	
74/73																		2.1	2																	
72/71																		2.2	1																	
70/69																		2.3	2																	
68/67																		2.4																		
66/65																		2.5																		
64/63																		2.6																		
62/61																		2.7																		
60/59																		2.8																		
58/57																		2.9																		
56/55																		3.0																		
54/53																		3.1																		
52/51																		3.2																		
50/49																		3.3																		
Element (X):		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		Σ X:		
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				
																														</						

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

YEARS

JUL
MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
108/107																	.1	2	2						
104/103																	.1	2	2						
102/101																	.6	14	14						
100/ 99															.1	.4	1.7	54	54						
98/ 97													.0	.0	.4	1.1	2.2	92	92						
96/ 95												.3	1.0	1.5	1.5	3.7	200	201							
94/ 93											.1	1.1	1.6	1.7	1.1	4.3	247	247							
92/ 91						.0				.0	.2	.9	1.6	2.0	1.3	2.0	4.0	299	299						
90/ 89										.1	1.0	1.5	1.7	1.1	2.2	2.5	3.9	342	342						
88/ 87								.1	.2	.9	1.3	.9	1.2	.9	1.6	3.0	3.1	321	321						
86/ 85							.2	.9	1.3	.8	.6	.8	.7	2.0	3.9	1.1		300	301						
84/ 83							.1	.5	.8	1.0	.4	.2	.5	1.1	2.2	2.4	.2	228	228	1					
82/ 81						.1	.2	.4	.3	.2	.0	.3	.2	.9	2.1	.5	.0	132	133		1				
80/ 79						.4	.5	.7	.1	.1	.4	.4	1.2	.9	.1			119	119						
78/ 77		.0	.1	.1	.4	.3	.1	.3	.0	.1	.1	.0	.4	.4	.2			61	61						
76/ 75			.1	.2	.2	.0	.1	.0	.1	.1	.0	.1	.1	.4	.1			31	31	2					
74/ 73			.2	.0								.0	.1	.0				9	9	7	1				
72/ 71			.1			.0							.1					5	5	62	4				
70/ 69		.1																3	3	280	7				
68/ 67																				336	16				
66/ 65																				280	34				
64/ 63																				211	49				
62/ 61																				271	83				
60/ 59																				247	112				
58/ 57																				294	120				
56/ 55																				288	127				
54/ 53																				126	117				
52/ 51																				41	113				
50/ 49																				12	120				
48/ 47																				3	76				
46/ 45																					91				
44/ 43																					101				
42/ 41																					88				
40/ 39																					88				
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	≥ 89 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 2

2100-2300

HOURS (L - S - T -)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb			
28/ 37																					110		
36/ 35																					122		
34/ 33																					110		
32/ 31																					113		
30/ 29																					136		
28/ 27																					126		
26/ 25																					136		
24/ 23																					96		
22/ 21																					70		
20/ 19																					36		
18/ 17																					18		
16/ 15																					14		
14/ 13																					11		
12/ 11																					6		
10/ 9																					2		
8/ 7																					2		
6/ 5																					3		
4/ 3																					2		
-2/ -3																					1		
-6/ -7																					1		
TOTAL		.2	.4	.8	.7	1.0	.9	2.2	2.4	3.6	3.9	4.8	8.5	11.4	16.2	18.6	24.8	2461	2464	2461	2461		
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	1676009		54779		22.3		13.625		2461		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	19355374		217942		88.5		5.638		2464						93.0		92.7		87.5		23.1		93
Wet Bulb	9571035		152893		62.1		5.423		2461						26.0		.4		.0				93
Dew Point	4703222		102162		41.9		13.708		2461		.1		29.1		1.1		.1		.0				93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

AUG

STATION

STATION NAME

YEARS

PAGE 1

0000-0200

MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
100/ 99															.0	.1	.0	.0												2	2				
98/ 97															.0	.1	.0														5	5			
96/ 95														.1	.3	.2	.2														19	19			
94/ 93													.2	.5	.4	.2	.3														42	42			
92/ 91												.1	.6	1.1	1.2	.9	.1	.2													97	97			
90/ 89										.0	1.0	1.1	1.1	.8	.6	.3	.1	.1													127	127			
88/ 87								.0	.4	.7	1.8	1.4	1.9	1.2	.4	.6	.2	.2													205	205			
86/ 85							.0	.4	1.0	2.2	1.9	1.7	.9	1.1	.8	1.0	.6	.2													276	276			
84/ 83							.2	1.2	1.7	1.9	1.2	1.4	1.2	1.2	1.0	.6	.6	.2													288	289			
82/ 81						.0	.8	1.2	1.7	1.2	1.4	1.4	1.7	1.5	.8	.2	.2	.2													295	295			
80/ 79					.1	.7	.9	.7	.6	.8	.8	1.6	1.6	1.3	.8	.0	.0	.0													246	247			
78/ 77				.1	.3	1.0	.4	.8	.8	.7	.8	1.5	1.7	1.3	.2	.2	.2	.2													236	237			
76/ 75			.3	.6	.4	.2	.2	.3	.6	.4	1.0	1.4	1.7	.5	.1	.1	.1	.1													190	190			
74/ 73		.0	.4	.3	.1	.1	.5	.3	.3	.2	1.0	1.2	1.6	.1	.1	.1	.1	.1													152	152	6		
72/ 71		.0	.2	.2	.1	.1	.2	.2	.1	.3	1.4	.8	.9	.1	.1	.1	.1	.1													115	115	71	4	
70/ 69		.4	.2	.1	.1	.1	.0	.2	.2	.8	1.0	.6	.3	.0	.0	.0	.0	.0													93	93	262	13	
68/ 67		.1	.0	.0	.1	.1	.2	.1	.2	.7	.6	.5	.0	.0	.0	.0	.0	.0													67	67	315	43	
66/ 65			.0	.0	.0	.0	.0	.0	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1													27	27	275	64	
64/ 63				.0	.0	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1													10	10	222	112	
62/ 61								.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0													5	5	191	101	
60/ 59									.0	.0	.0	.0	.0	.0	.0	.0	.0	.0													1	1	203	144	
58/ 57																																		184	147
56/ 55																																		211	176
54/ 53																																		180	122
52/ 51																																		183	131
50/ 49																																		107	126
48/ 47																																		97	102
46/ 45																																		23	99
44/ 43																																		6	91
42/ 41																																		2	91
40/ 39																																			86
38/ 37																																			91
36/ 35																																			111
34/ 33													</																						

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

AUG

PAGE 2 0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TOTAL	.6	1.1	1.4	1.2	2.2	3.5	5.2	8.2	10.2	14.3	15.5	16.0	11.1	5.6	3.4	1.5																		2498	2501	2498																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Element (X)	ΣX²	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX	ΣX

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

YEARS

AUG
MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
98/ 97																			1	1									
96/ 95																			1	1									
94/ 93																			8	8									
92/ 91																			12	12									
90/ 89																			35	35									
88/ 87																			84	84									
86/ 85																			146	147									
84/ 83																			239	239									
82/ 81																			295	295									
80/ 79																			298	298									
78/ 77																			271	271									
76/ 75																			252	252									
74/ 73																			204	204									
72/ 71																			175	175									
70/ 69																			177	177									
68/ 67																			120	120									
66/ 65																			80	80									
64/ 63																			53	53									
62/ 61																			22	22									
60/ 59																			21	21									
58/ 57																			5	5									
56/ 55																													
54/ 53																			1	1									
52/ 51																													
50/ 49																													
48/ 47																													
46/ 45																													
44/ 43																													
42/ 41																													
40/ 39																													
38/ 37																													
36/ 35																													
34/ 33																													
32/ 31																													
Element (X)	Σ x ²				Σ x				x̄				s _x				No. Obs.				Mean No. of Hours with Temperature								
Rel. Hum.																					≥ 0 F ≥ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total								
Dry Bulb																													
Wet Bulb																													
Dew Point																													

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF/ETAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

AUG

PAGE 2 0300-0500
HOURS (L. S. T.)

Temp. (F)	WFT BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																					85
28/ 27																					67
26/ 25																					81
24/ 23																					53
22/ 21																					56
20/ 19																					24
18/ 17																					23
16/ 15																					22
14/ 13																					13
12/ 11																					5
8/ 7																					5
6/ 5																					1
2/ 1																					2
-6/ -7																					1
TOTAL		1.0	1.4	1.9	1.7	4.0	6.4	9.6	12.0	15.4	17.2	14.4	8.9	3.9	1.6	.3		2500	2501	2500	

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

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

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0600-0800

HOURS (L, S, T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2312 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

YEARS

AUG

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
110/109																	.1	2							
108/107																	.6	15							
106/105																	1.3	33							
104/103																.1	3.0	88							
102/101													.1	.1	.6	1.0	4.4	152							
100/ 99												.1	.3	1.7	1.8	5.9	246	246							
98/ 97											.0	.2	.8	1.4	1.8	1.9	6.5	317							
96/ 95											.1	.7	2.0	2.7	1.9	1.4	5.3	354							
94/ 93											.5	1.5	2.2	2.0	1.3	1.6	4.2	332							
92/ 91							.0			.6	1.2	2.2	1.6	.8	.8	1.3	2.9	283							
90/ 89							.0	.0	.2	.8	2.1	1.2	.6	.7	1.1	1.3	2.0	250							
88/ 87							.0	.3	.4	1.0	.8	.6	.4	.4	.7	1.0	.5	153							
86/ 85							.2	.3	.7	.8	.5	.5	.2	.2	.8	.5		116							
84/ 83							.0	.2	.5	.2	.2	.2	.2	.2	.4	.0		62							
82/ 81							.2	.2	.1	.2	.2	.1	.1	.1	.2			40							
80/ 79					.1	.1	.2	.1	.0	.1	.0	.0	.2	.1	.0			29			1				
78/ 77				.0	.0	.0	.2	.1				.1	.1					13			4				
76/ 75		.0	.2	.0	.0	.0	.0	.0	.0	.0	.0							10			26				
74/ 73		.2	.0	.0						.0								7			167				
72/ 71																					1				
70/ 69																					349				
68/ 67		.1																2			419				
66/ 65		.0																1			13				
64/ 63																					40				
62/ 61																					264				
60/ 59																					78				
58/ 57																					271				
56/ 55																					113				
54/ 53																					262				
52/ 51																					166				
50/ 49																					201				
48/ 47																					194				
46/ 45																					107				
44/ 43																					181				
Elements (X)	Σ x ²					Σ x					Σ					Σ					No. Obs.				
Rel. Hum.																					Mean No. of Hours with Temperature				
Dry Bulb																					≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total				
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (CL A) REVIS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

AUG

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
42/ 41																					86		
40/ 39																				1	104		
38/ 37																					125		
36/ 35																					126		
34/ 33																					112		
32/ 31																					82		
30/ 29																					70		
28/ 27																					45		
26/ 25																					26		
24/ 23																					21		
22/ 21																					22		
20/ 19																					6		
18/ 17																					7		
16/ 15																					5		
14/ 13																					4		
10/ 9																					1		
6/ 5																					1		
4/ 3																					1		
0/ -1																					1		
-6/ -7																					1		
TOTAL		.1	.2	.2	.2	.7	1.0	1.3	1.6	3.6	5.7	7.3	8.6	9.0	11.5	12.4	36.6	2503	2505	2505			
				</																			

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42=44; 49=72

AUG

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[illegible]

PSYCHROMETRIC SUMMARY

42-44; 49-72

AUG
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM 0.26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AUG

STATION

STATION NAME

YEARS

MONTH

1500-1700

HOURS (L, S, T.)

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

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1500-1700

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

42-44, 49-72

YEARS

AUG
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D-265 (01 A)

424

JSAFETAC 10

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
102/101																.1	.2	.7							
100/ 99																.1	.5	.6							
98/ 97													.0	.2	.8	.6	.8	.59							
96/ 95												.0	.4	.9	1.1	1.0	1.2	115							
94/ 93												.2	1.3	1.4	1.8	.9	1.3	173							
92/ 91											.4	1.3	1.9	2.1	1.5	1.1	1.5	243							
90/ 89										.0	.7	1.5	1.9	2.0	1.5	1.8	1.2	1.6	304						
88/ 87								.0	.5	1.1	1.5	1.6	1.2	1.5	1.5	1.5	1.5	299							
86/ 85							.0	.2	1.2	1.2	.9	.8	1.4	1.4	2.2	2.3	.6	305							
84/ 83						.0	.2	.6	.6	.6	.6	.6	.8	1.5	2.0	1.9	.3	241							
82/ 81						.1	.9	.6	.4	.5	.4	.4	.9	1.4	2.0	.3		205							
80/ 79				.0	.3	.6	.6	.4	.5	.4	.4	.4	1.2	1.6	.8	.0		181							
78/ 77				.2	.5	.2	.1	.4	.2	.2	.2	.4	1.7	1.2	.4			144							
76/ 75			.2	.2	.1	.0	.3	.2	.2	.2	.6	1.1	.3	.0				83							
74/ 73			.1	.2	.2	.1	.1	.1	.0	.2	.3	.4	.1					51			14				
72/ 71		.2	.0	.2	.2	.0	.1	.1	.0	.0	.2	.1	.1					20			138				
70/ 69		.0	.2	.0	.0	.0	.0	.2	.2	.2	.1	.1						22			317	19			
68/ 67		.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0						12			321	25			
66/ 65										.0								1			288	57			
64/ 63																					230	87			
62/ 61																					213	111			
60/ 59																					210	119			
58/ 57																					210	135			
56/ 55																					245	156			
54/ 53																					175	158			
52/ 51																					97	146			
50/ 49																					50	121			
48/ 47																					5	104			
46/ 45																					3	100			
44/ 43																						104			
42/ 41																						73			
40/ 39																						87			
38/ 37																						89			
36/ 35																						113			
Element (X)	Σ X ²		Σ X		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

REVISIT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) JUL 64

PSYCHROMETRIC SUMMARY

YEARS

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
34/33																						102		
32/31																						115		
30/29																						101		
28/27																						79		
26/25																						87		
24/23																						72		
22/21																						53		
20/19																						25		
18/17																						18		
16/15																						18		
14/13																						10		
12/11																						2		
10/9																						6		
8/7																						3		
6/5																						1		
TOTAL		.2	.5	.8	1.2	1.1	2.2	2.9	3.7	5.4	6.9	8.7	14.6	15.1	16.1	11.1	9.5			2497		2496		
																			2496		2496			
	</																							

PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

42-44, 49, 72

S-P

MONTH

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6000-0200

HOURS 1L, S, 3

[illegible]

FORM 0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-44, 49-72

SEP

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 87												.1	.2	.0			.0	9	9					
86/ 85										.2	.3	.0	.0	.1				20	20					
84/ 83								.0	.2	.1	.2	.0	.2	.0	.1			23	23					
82/ 81							.0	.1	.1	.2	.3	.2	.2	.2	.1	.1		35	35					
80/ 79						.0	.2	.2	.5	.4	.5	.4	.6	.2	.0			77	77					
78/ 77						.2	.3	.4	.6	.7	.7	.9	.6	.4	.0			118	118					
76/ 75					.1	.4	.5	.4	.6	.9	1.7	1.6	.5	.3				170	170					
74/ 73				.1	.5	.3	.4	.2	.5	1.3	1.4	1.4	.6	.2				169	169					
72/ 71		.1	.2	.2	.4	.4	.5	.5	1.2	1.5	2.0	1.1	.6					208	208					
70/ 69			.2	.2	.5	.3	.5	1.4	1.7	2.3	3.2	.9	.2					286	286					
68/ 67		.1	.4	.4	.3	.3	.4	1.7	2.1	2.2	2.7	.5	.0					273	273	40	4			
66/ 65	.1	.1	.3	.4	.7	.6	.6	1.2	2.8	2.4	1.8	.5						276	276	68	9			
64/ 63		.2	.3	.3	.5	.4	.7	1.4	1.5	1.8	1.2	.2						200	200	79	23			
62/ 61		.2	.2	.0	.1	.2	.5	1.4	2.1	1.4	.8							170	170	107	38			
60/ 59	.1	.0	.1	.1	.1	.3	.9	1.4	1.8	1.2	.2							149	149	99	54			
58/ 57				.1	.1	.2	.5	1.8	1.8	.7								127	127	163	65			
56/ 55						.1	.2	1.0	.9	.2								60	60	224	53			
54/ 53						.1	.3	.4	.5									30	30	240	60			
52/ 51							.2	.0	.2									9	9	316	53			
50/ 49					.2		.1	.1	.1									11	11	296	53			
48/ 47							.0	.1										4	4	248	68			
46/ 45																				198	86			
44/ 43																				168	95			
42/ 41																				105	117			
40/ 39																				40	118			
38/ 37																				16	153			
36/ 35																				6	160			
34/ 33																				5	152			
32/ 31																					150			
30/ 29																					159			
28/ 27																					134			
26/ 25																					155			
24/ 23																					116			
22/ 21																					77			
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Ref. Hum.											$\leq 0 F$		$\leq 32 F$		$\geq 67 F$		$\geq 73 F$		$\geq 80 F$		$\geq 93 F$		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97																	.0	1	1																
94/ 93															.1		.1	8	8																
92/ 91												.0	.0			.1	.3	12	12																
90/ 89												.2	.1	.3	.4	.3	.2	37	37																
88/ 87											.1	.1	.4	.5	.7	.3	.1	54	54																
86/ 85										.1	.2	.3	.4	.6	.8	.3	.1	80	80																
84/ 83								.0	.2	.4	.3	.3	.7	1.2	.6	.2	.0	96	96																
82/ 81							.2	.2	.4	.7	1.0	.7	1.0	.6	.1			121	122																
80/ 79					.0	.2	.4	.5	.7	.7	1.1	1.5	1.0	.2	.1			156	156																
78/ 77					.1	.2	.5	.5	.7	.6	1.0	1.9	.6	.1				178	178																
76/ 75				.1	.1	.4	.5	.7	1.0	1.7	1.9	1.3	.5					210	210																
74/ 73			.1	.2	.2	.5	.7	.8	.9	1.2	1.7	1.9	1.1	.3				203	205																
72/ 71			.2	.3	.4	.6	.8	.9	1.0	1.8	2.6	1.5	.5					220	220	1															
70/ 69		.1	.3	.4	.5	.7	.9	1.0	1.2	1.5	1.4	2.3	1.0	.2				225	225	27															
68/ 67			.4	.5	.6	.8	.9	1.0	1.2	1.5	1.4	2.3	1.0	.9				202	202	52	9														
66/ 65		.1	.4	.5	.6	.8	.9	1.0	1.2	1.5	1.4	2.3	1.0	.5				182	182	99	12														
64/ 63	.0	.1	.3	.4	.5	.7	.9	1.0	1.2	1.5	1.4	2.3	1.0	.2				141	141	114	32														
62/ 61	.0	.1	.2	.3	.4	.6	.8	1.0	1.2	1.5	1.4	2.3	1.0	.4				100	100	140	38														
60/ 59					.2	.4	.6	.8	1.0	.9	.6	.5	.1					73	73	190	54														
58/ 57					.1	.4	.6	.8	.5	.4	.1		.0					50	50	215	65														
56/ 55						.2	.4	.6	.8	.5	.4	.1						34	34	307	70														
54/ 53						.0	.1	.4	.6	.2								17	17	281	54														
52/ 51							.1	.3	.1	.1								7	7	270	50														
50/ 49					.0			.0	.1									4	4	219	59														
48/ 47					.0		.1	.0										5	5	173	82														
46/ 45							.0											1	1	141	81														
44/ 43																				78	119														
42/ 41																				54	139														
40/ 39																				31	134														
38/ 37																				6	173														
36/ 35																				7	168														
34/ 33																				2	158														
32/ 31																					152														
30/ 29																					143														
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																																			

PSYCHROMETRIC SUMMARY

YEARS

SFP

0600-0800

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
28/ 27																						126												
26/ 25																						124												
24/ 23																						91												
22/ 21																						56												
20/ 19																						52												
18/ 17																						46												
16/ 15																						42												
14/ 13																						36												
12/ 11																						20												
10/ 9																						15												
8/ 7																						8												
6/ 5																						2												
4/ 3																						1												
TOTAL	.2	.4	1.4	1.6	1.9	3.2	5.3	8.6	13.4	15.4	15.0	12.8	8.8	6.2	3.4	1.7	.7		2420		2419													
																		2419		2419														

PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

PAGE 1

MONTH

0900-1100

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 2 0900-1100
HOURS (L. A. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEP
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRFSSION (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	
46/ 45																					5	106	
44/ 43																					1	149	
42/ 41																						176	
40/ 39																						187	
38/ 37																						194	
36/ 35																						189	
34/ 33																						187	
32/ 31																						169	
30/ 29																						129	
28/ 27																						112	
26/ 25																						108	
24/ 23																						70	
22/ 21																						53	
20/ 19																						33	
18/ 17																						16	
16/ 15																						20	
14/ 13																						8	
12/ 11																						4	
10/ 9																						4	
8/ 7																						2	
6/ 5																						1	
4/ 3																						1	
TOTAL			.3	.2	.5	.5	.3	.2	.8	1.4	1.9	3.5	4.3	6.4	9.0	10.6	60.0		2424	2424	2424		
																			2424		2424		
																			</				

2

YEARS

SEP

STATION

STATION NAME

YEARS

PAGE 1

1500-1700

HOURS (L. S. T.)

0-26-5 (GLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

SEP

STATION

STATION NAME

YEARS

MONTY'1

PAGE 2 1560-1700

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
46/ 45																				4	91	
44/ 43																					121	
42/ 41																					162	
40/ 39																					184	
38/ 37																					199	
36/ 35																					207	
34/ 33																					214	
32/ 31																					192	
30/ 29																					154	
28/ 27																					125	
26/ 25																					107	
24/ 23																					80	
22/ 21																					43	
20/ 19																					44	
18/ 17																					30	
16/ 15																					18	
14/ 13																					7	
12/ 11																					2	
10/ 9																					3	
8/ 7																					3	
6/ 5																					3	
4/ 3																					3	
0/ -1																					1	
TOTAL		.1	.2	.3	.5	.5	.5	.6	.5	.7	1.6	2.3	4.0	5.4	9.0	11.1	62.8		2423		2423	
																		2423		2423		
	</																					

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44, 49-72

SEP

STATION

STATION NAME

YEARS

PAGE 1

1800-2000

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
104/103																			.1	2	2					
102/101																			.7	17	17					
100/99																			1.3	32	32					
98/97																		.2	2.3	61	61					
96/95																.5	.5		2.9	96	96					
94/93														.4	.8	1.2		3.2	137	137						
92/91											.0	.0	.3	.7	.8	1.9		3.4	174	174						
90/89										.0	.1	.4	.7	1.0	1.7	3.0		3.1	246	246						
88/87										.1	.2	.5	.7	1.4	1.9	2.8		1.8	242	242						
86/85									.2	.2	.2	.5	1.1	2.0	3.0	3.0		.5	262	262						
84/83								.1	.2	.3	.3	.9	.9	2.3	2.9	2.2		.2	248	248						
82/81						.0	.2	.2	.4	.2	.5	1.3	1.7	2.5	.6				183	183						
80/79						.1	.4	.2	.4	.3	.9	1.6	2.4	2.0	.0				209	209						
78/77				.0	.1	.1	.2	.3	.3	.2	.5	1.3	1.9	1.2	.6				161	161						
76/75				.0	.2	.3	.2	.1	.0	.6	.7	1.3	1.2	.0					117	117						
74/73				.1	.2	.1	.1	.0	.1	.1	.6	.8	1.0	.4					89	89						
72/71			.1	.0	.3	.2	.0	.0	.1	.2	.5	.4	.4	.0					55	55		7				
70/69			.1	.3	.1	.0		.0	.0	.2	.2	.5	.4						44	44	24					
68/67	.1	.1	.1	.1	.0			.1	.0	.1	.2	.0							24	24	101	3				
66/65	.0	.0	.0	.0	.1			.2	.2	.0									16	16	185	10				
64/63							.0		.0	.1									5	5	235	23				
62/61								.0	.0	.0									1	1	331	21				
60/59								.0	.0	.0									2	2	343	36				
58/57							.0												1	1	362	43				
56/55						.1													2	2	315	53				
54/53						.0													1	1	254	50				
52/51					.0														1	1	135	60				
50/49																					74	61				
48/47																					40	78				
46/45																					14	82				
44/43																					8	103				
42/41																						119				
40/39																						160				
38/37																						172				
Element (X)	ΣX ²		ΣX		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Pol. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										
Mean No. of Hours with Temperature																								Total		
≤ 0 F		1-32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F																

FORM 0-26.5 (OL A) - REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAF ETAC JUL 64

2

Q

SEP

STATION

STATION NAME

YEARS

MONTH

1800-2000

HOURS (L. S. T.)

FORM 0-26.5 (OFA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

USAFETAC

PSYCHROMETRIC SUMMARY

SEP

[illegible]

FORM 0-26-5 (Q1-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

Y2AKS

MONTH

2100-2300

HOURS (L, S, T.)

USAFETAC

PSYCHROMETRIC SUMMARY

42-43, 49-72

OCT

YEARS

PAGE 1 0000-0200

0000-0200

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT

STATION

STATION NAME

YEARS

MONTH

0000-0200

HOURS \ L. S. T. I

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
14/ 13																					58		
12/ 11																					35		
10/ 9																					29		
8/ 7																					25		
6/ 5																					10		
4/ 3																					6		
2/ 1																					3		
0/ -1																					6		
-2/ -3																					1		
-4/ -5																					4		
TOTAL	2.2	3.0	3.5	6.6	9.4	15.1	19.6	17.6	11.5	7.0	3.1	1.1	.3					2414	2414	2414	2414		

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

OCT

STATION

STATION NAME

YEARS

MONTH

0300-0500

HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

307

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
12/ 11																					48	
10/ 9																					41	
8/ 7																					20	
6/ 5																					8	
4/ 3																					5	
2/ 1																					5	
0/ -1																					2	
-2/ -3																					3	
-4/ -5																					3	
-6/ -7																					2	
-10/-11																					1	
TOTAL	.0	2.8	4.3	5.3	8.8	13.7	20.9	19.2	13.6	6.4	3.2	1.3	.3	.1				2'07	2406	2407		

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-43, 49-72

DCT

STATION

STATION NAME

YEARS

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85												.1	.0		.0			1	1					
84/ 83												.2	.1					3	3					
82/ 81												.3	.2	.1				10	10					
80/ 79									.0		.1	.0	.1	.0	.0			10	10					
78/ 77								.0	.1	.3	.2	.7	.2	.2	.0			42	42					
76/ 75									.2	.3	.5	.2	.4	.0				40	40					
74/ 73					.0		.0	.0	.2	.3	.4	.4	.3					41	41					
72/ 71				.0		.0	.3	.3	.4	.7	1.0	.7	.2					86	86					
70/ 69					.0	.2	.2	.5	.9	1.1	1.5	.4	.1					117	117					
68/ 67			.0	.1	.1	.3	.4	.7	.8	1.2	1.1	.5						124	124					
66/ 65			.0	.1	.2	.4	.7	.8	1.3	1.7	.8	.4						153	153	2				
64/ 63			.1	.2	.2	.3	.5	1.1	1.4	1.5	.4	.1						139	139	6				
62/ 61		.0	.2	.3	.3	.7	1.5	2.0	2.1	1.7	.1							215	215	12	2			
60/ 59		.2	.3	.3	.7	1.6	2.1	2.3	1.2									216	216	48	2			
58/ 57		.1	.5	.2	.7	1.2	1.4	2.0	2.0	.3								204	204	63	12			
56/ 55		.2	.6	.7	.9	.9	2.0	2.7	1.3	.0								223	223	104	17			
54/ 53		.1	.4	.5	.6	1.4	1.6	1.9	.8									176	176	143	20			
52/ 51		.2	.5	.5	1.1	.9	1.7	1.3	.3									164	164	197	41			
50/ 49		.0	.3	.5	.9	1.1	1.6	.6	.0									121	121	252	45			
48/ 47		.1	.5	.3	.5	1.0	1.4	.6										106	106	266	53			
46/ 45		.4	.4	.4	.7	1.2	.9	.2										98	98	289	76			
44/ 43		.1	.3	.1	.2	.7	.3	.1										44	44	292	93			
42/ 41		.1	.2	.1	.3	.4	.1											29	29	218	98			
40/ 39		.2	.2	.1	.2	.0												19	19	194	134			
38/ 37		.0		.1	.1	.2	.1											12	12	133	155			
36/ 35			.0		.2	.0												6	6	76	156			
34/ 33						.0												1	1	54	131			
32/ 31		.0																1	1	24	144			
30/ 29				.1	.0	.1												5	5	13	172			
28/ 27					.0													1	1	6	158			
26/ 25			.0															1	1	4	155			
24/ 23																				4	134			
22/ 21																				3	140			
20/ 19																				1	106			
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																								

PSYCHROMETRIC SUMMARY

DCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0800

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT

MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-43, 49-72

OCT

PAGE 2 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
28/ 27																					161	
26/ 23																					151	
24/ 23																					111	
22/ 21																					105	
20/ 19																					89	
18/ 17																					62	
16/ 15																					54	
14/ 13																					34	
12/ 11																					22	
10/ 9																					24	
8/ 7																					8	
6/ 5																					8	
4/ 3																					5	
2/ 1																					1	
0/ -1																					2	
-8/ -9																					1	
TOTAL	.1	1.0	1.6	2.1	2.5	3.9	5.6	8.0	10.8	13.0	12.7	12.7	10.8	7.6	5.1	2.6		2409	2409	2409		

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2015300	61096	25.4	13.908	2409	< 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	13122177	176329	73.2	9.463	2409			69.8	50.7	25.4	.6	93
Wet Bulb	6822972	127506	52.9	5.351	2409			.2				93
Dew Point	2840544	78726	32.7	10.543	2409	.1	43.7					93

PSYCHROMETRIC SUMMARY

BCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
100/ 99																	.2	6	6					
98/ 97																	1.0	26	26					
96/ 95																.0	2.1	56	56					
94/ 93																.2	.7	102	102					
92/ 91														.1	.3	1.5	3.6	134	134					
90/ 89													.1	.5	1.1	2.4	4.3	202	202					
88/ 87											.0	.1	.5	.6	1.5	2.5	2.5	186	186					
86/ 85											.2		.6	1.2	2.6	2.5	.9	192	192					
84/ 83										.1	.2	.5	.9	1.7	3.6	1.9	.1	214	214					
82/ 81									.0	.2	.3	.7	1.4	2.5	2.9	.4		206	206					
80/ 79									.2	.4	1.0	1.3	1.5	2.5	1.2	.1		198	198					
78/ 77									.2	.3	.9	1.1	1.5	1.6	.7			149	149					
76/ 75							.0	.1	.4	.5	.6	1.0	1.2	1.2	.0			122	122					
74/ 73							.1	.3	.3	.4	1.0	.7	1.2	.5				108	108					
72/ 71					.0	.1	.1	.2	.4	.5	.6	.8	.8	.0				89	89					
70/ 69					.1	.2	.2	.2	.5	.9	.8	1.2	.5					105	105					
68/ 67			.0	.1	.1	.2	.2	.2	.5	.9	.7	.7	.2					79	79	6				
66/ 65			.0	.2	.2	.2	.1	.1	.2	.4	.7	.5						60	60	42				
64/ 63			.1	.2	.0	.3	.2	.3	.3	.1	.4	.1						48	48	122				
62/ 61			.0	.0	.0	.1	.1	.2	.1	.1	.2							23	23	232	1			
60/ 59			.1	.0	.1	.2	.1	.1	.3	.2	.2							28	28	357	1			
58/ 57		.1	.0	.2	.0	.1	.2	.2	.1	.2	.1							32	32	411	4			
56/ 55			.0	.1	.0	.1	.2	.0	.0	.1								11	11	396	17			
54/ 53			.1	.1	.0	.1	.0	.0	.0	.0								10	10	269	32			
52/ 51		.0		.0	.1	.0		.0										7	7	173	35			
50/ 49			.0	.0				.1										4	4	143	47			
48/ 47								.1										2	2	94	69			
46/ 45								.0										1	1	67	91			
44/ 43				.1														2	2	37	118			
42/ 41																				11	119			
40/ 39																				11	142			
38/ 37																				6	185			
36/ 35																				2	162			
34/ 33																				3	191			
Element (X)	Σ X ²		Σ X		X̄		s _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																								

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-43, 49-72

OCT

PAGE 2 1200-1400

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
32/ 31																						201
30/ 29																						168
28/ 27																						170
26/ 25																						144
24/ 23																						127
22/ 21																						97
20/ 19																						83
18/ 17																						65
16/ 15																						42
14/ 13																						29
12/ 11																						28
10/ 9																						17
8/ 7																						17
6/ 5																						5
4/ 3																						5
0/ -1																						1
TOTAL		.1	.4	.9	.7	1.4	1.4	2.4	3.5	4.8	8.1	8.7	10.4	12.4	14.3	12.4	18.0		2402		2402	2402

Element (X)	Z _X ²	Z _X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1304477	48089	20.01	11.930	2402	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 86 F	≥ 93 F	93
Dry Bulb	15733482	193002	80.4	9.695	2402			84.2	73.0	55.3	7.4	93
Wet Bulb	7526033	133879	55.7	5.167	2402							93
Dew Point	2789704	78132	32.5	10.168	2402	.0	46.4					93

PSYCHROMETRIC SUMMARY

YEARS

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1500-1700

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700

1211RS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (01 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 100-1

PSYCHROMETRIC SUMMARY

OCT

STATION

STATION NAME

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PAGE 1

1900-2000

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMA

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-43, 49-72

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STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
24/ 23																					1	158
22/ 21																						112
20/ 19																						96
18/ 17																						102
16/ 15																						49
14/ 13																						56
12/ 11																						36
10/ 9																						21
8/ 7																						14
6/ 5																						8
4/ 3																						4
2/ 1																						4
0/ -1																						2
-2/ -3																						3
TOTAL		.3	1.2	1.2	2.4	3.7	4.6	7.4	9.2	13.9	14.1	14.4	13.7	7.6	4.3	1.6	.5		2404	2405		2404

Element (X)	Σx^2	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel Hum.	2173523	63535	26.4	14.343	2404	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	11951150	168268	70.0	8.608	2405			62.4	37.5	13.4		93
Wet Bulb	6356960	122934	51.1	5.415	2404			.2	.0			93
Dew Point	5798268	74712	31.1	10.724	2404	.2	52.3					93

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

OCT

STATION

STATION NAME

YEARS

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2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 37												.0	.0	.1		.0	.0	1	1					
84/ 83												.0	.0	.1	.1	.2	.0	5	5					
82/ 81											.1	.2	.1	.1	.2			15	15					
80/ 79									.0	.1	.3	.1	.2	.3	.2	.0		33	33					
78/ 77								.1	.1	.2	.5	.4	.7	.2	.0			51	51					
76/ 75								.2	.2	.3	.5	1.1	1.0	.3				88	88					
74/ 73					.1	.1	.2	.2	.5	.7	1.4	.9		.1				105	105					
72/ 71					.2	.2	.6	1.0	1.2	1.2	.3							117	117					
70/ 69					.3	.5	.5	1.3	1.8	1.8	1.8	.3						198	198					
68/ 67				.2	.1	.4	.3	.8	1.4	2.2	2.4	.7	.0					208	208					
66/ 65			.0	.2	.2	.6	1.2	2.2	2.2	1.5	.4							209	209					
64/ 63			.1	.1	.3	.5	.8	1.2	2.1	2.7	1.0	.0						213	213	7				
62/ 61			.4	.2	.5	.9	1.0	1.7	2.6	2.3	.3							239	239	28				
60/ 59	.1	.2	.5	.5	.5	1.0	2.0	2.9	1.9	.2								238	238	48	2			
58/ 57	.1	.2	.2	.6	.7	.8	1.8	2.2	.5									173	173	88	4			
56/ 55	.2	.2	.4	.4	1.0	1.1	1.6	1.3	.3									157	157	131	24			
54/ 53	.1	.0	.4	.4	.5	1.2	1.3	.9										115	115	219	33			
52/ 51	.2	.2	.2	.2	.3	.8	1.2	.2										80	80	278	52			
50/ 49	.1	.2	.3	.2	.0	.5	.7	.7	.2									73	73	335	44			
48/ 47	.0	.3	.0	.2	.5	.3	.3	.0										42	42	310	35			
46/ 45	.0	.1	.1	.2	.2	.2	.2	.0										22	22	297	70			
44/ 43		.0	.0	.1	.0	.1	.1											11	11	251	112			
42/ 41	.0	.0	.1	.1	.1	.1	.1	.0										12	12	155	103			
40/ 39				.0	.2	.0												6	6	121	106			
38/ 37			.0	.0	.0													3	4	76	146			
36/ 35																			30	128				
34/ 33																			17	150				
32/ 31																			12	154				
30/ 29																			9	184				
28/ 27																			1	164				
26/ 25																			1	161				
24/ 23																				140				
22/ 21																				137				
20/ 19																				114				
Element (X)	Σx^2		Σx		$\bar{x}$		s_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

OCT

STATION

STATION NAME

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2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV

STATION

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0000-0200

HOURS (M, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point									
72/ 71											.0						.0	.0	2	2									
70/ 69									.0	.0							.0		3	3									
68/ 67								.1		.0			.0						4	4									
66/ 65							.0	.1	.0	.2	.3	.1							17	17									
64/ 63						.0	.4	.2	.3	.1									25	25									
62/ 61				.0		.2	.5	.2	.4	.0	.0								32	32									
60/ 59				.2	.2	.2	.6	.3	.6	.1	.2								54	54									
58/ 57		.0	.1	.2	.4	.9	.5	.6	.7	.3									89	89									
56/ 55	.2	.0	.2	.0	.9	1.4	1.2	1.2	1.0	.2									149	149	12	5							
54/ 53		.3	.7	.3	1.1	1.2	1.5	1.3	.6	.0									167	167	17	1							
52/ 51	.0	.3	.4	.3	1.2	1.2	1.8	1.1	.3										153	153	52	6							
50/ 49	.1	.3	.4	1.0	1.8	1.7	2.6	1.1	.2										214	214	65	30							
48/ 47		.4	.9	1.2	1.9	2.3	2.4	.8	.1										230	231	104	23							
46/ 45	.0	.7	.8	1.8	2.7	3.1	2.1	.3											270	270	129	30							
44/ 43	.1	.4	1.2	1.9	2.4	1.9	1.2	.1											212	212	177	41							
42/ 41	.0	.5	1.4	1.5	1.7	1.6	.9												175	175	232	47							
40/ 39	.0	.6	1.3	1.6	1.6	1.8	.1												169	169	289	98							
38/ 37	.1	.9	.9	1.2	1.5	1.5	.1												145	145	316	109							
36/ 35		.3	.6	1.2	1.6	.9													105	105	290	116							
34/ 33		.1	.6	.8	.6	.1													52	52	199	145							
32/ 31		.0	.5	.9	.1														25	25	151	145							
30/ 29	.1	.1	.2	.5	.1	.0													20	20	142	145							
28/ 27		.1	.2	.1	.1														11	11	97	134							
26/ 25			.1	.2	.1														9	9	34	170							
24/ 23			.0																1	1	12	159							
22/ 21																					8	130							
20/ 19																					6	155							
18/ 17																					1	146							
16/ 15																						120							
14/ 13																						96							
12/ 11																						66							
10/ 9																						64							
8/ 7																						68							
6/ 5																						31							
Element (X)	Σ x ²		Σ x		Σ		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																													

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-43, 49-72

NGV

PAGE 2 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
4 / 3																						22
2 / 1																						13
0 / -1																						8
-2 / -3																						3
-4 / -5																						3
-6 / -7																						1
-12 / -13																						1
-14 / -15																						3
TOTAL	.7	5.1	10.7	14.4	19.8	20.1	15.8	7.5	4.4	1.1	.4	.0						2333	2334	2333	2334	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43, 49-72

NOV

STATION

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YEARS

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0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69											.1							3	3																
68/ 67										.1								6	6																
64/ 63					.1		.2	.2	.2	.0								18	18																
62/ 61					.0	.3	.4	.3	.3	.0								33	33																
60/ 59				.0	.3	.3	.2	.2	.2									30	30																
58/ 57		.0	.0	.2	.3	.6	.5	.1	.2	.1								50	50	1															
56/ 55	.1	.1	.3	.4	.3	.7	.6	.6	.2	.1								79	79	9	3														
54/ 53	.1	.3	.2	.3	1.0	.9	.9	1.1	.6	.1								128	128	11	3														
52/ 51	.2	.4	.3	.4	.9	1.2	1.1	.7	.2									125	125	48	11														
50/ 49		.5	.3	1.2	1.6	1.9	1.2	.9	.1									181	181	57	20														
48/ 47		.5	.7	1.4	1.5	1.8	2.3	.4	.0									199	199	73	20														
46/ 45	.1	.4	.9	1.5	2.1	2.2	1.5	.3										208	208	104	35														
44/ 43	.1	.4	1.6	1.6	1.8	3.6	.9	.1										236	236	127	41														
42/ 41	.1	.7	1.2	2.2	2.3	2.1	.6	.0										220	220	172	40														
40/ 39	.0	.6	2.2	3.1	2.0	2.3	.3											245	245	233	57														
38/ 37	.1	.7	1.6	1.3	1.8	1.3												162	162	257	120														
36/ 35	.1	1.3	1.1	1.3	1.4	.6												136	136	324	110														
34/ 33	.0	.7	1.2	1.1	1.3	.3												110	110	295	136														
32/ 31		.2	.9	1.3	.8	.0												75	75	189	141														
30/ 29	.1	.2	.9	.6	.2													46	46	166	159														
28/ 27		.1	.3	.3														18	18	108	145														
26/ 25		.1	.2	.2														10	10	101	170														
24/ 23		.1	.1	.2														9	9	29	149														
22/ 21		.1	.0															4	4	14	129														
20/ 19			.1															2	2	10	144														
18/ 17																				3	164														
16/ 15																				2	122														
14/ 13																					108														
12/ 11																					87														
10/ 9																					66														
8/ 7																					57														
6/ 5																					32														
4/ 3																					26														
2/ 1																					22														
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																																			

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USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
72/ 71										.0	.0							2														2				
70/ 69							.0			.0	.0							3														3				
68/ 67										.3	.0							9														9				
66/ 65					.0	.0	.2	.1		.3								15														15				
64/ 63					.0	.0	.1	.2	.1	.1	.2				.0			17														17				
62/ 61				.0	.0	.3	.3	.3	.3	.2	.1							29														29				
60/ 59				.1	.3	.3	.4	.5	.4	.1								48														48		1		
58/ 57			.1	.4	.4	.6	.7	.6	.2	.2								78														78		1		
56/ 55	.1	.0	.2	.2	.3	.9	1.0	1.2	.3	.2								103														103		6	3	
54/ 53	.0	.1	.4	.5	.6	.8	1.1	.9	.5									115														115		21	3	
52/ 51		.4	.3	.7	1.2	1.2	1.2	1.3	.3									153														153		42	8	
50/ 49		.4	.4	1.1	1.5	2.1	1.8	1.1	.1									200														200		70	18	
48/ 47		.5	.6	1.1	1.5	2.4	1.5	.6										193														193		74	28	
46/ 45	.1	.3	.8	1.3	1.4	2.6	1.5	.6										210														210		129	21	
44/ 43		.3	1.6	2.1	2.3	2.5	1.6	.2										249														249		149	44	
42/ 41	.0	.8	1.1	1.7	2.2	1.9	.4											191														191		186	53	
40/ 39	.0	.5	1.4	2.1	2.2	2.0	.3											195														195		256	63	
38/ 37	.1	.6	1.6	1.9	1.3	.9												153														153		263	103	
36/ 35	.1	1.6	1.5	1.6	1.5	.4												153														153		283	118	
34/ 33	.1	.4	1.3	.8	.7	.0												78														78		288	126	
32/ 31		.3	.6	.9	.7	.0												58														58		214	163	
30/ 29		.3	.5	.8	.4													46														46		147	169	
28/ 27		.2	.3	.3	.1													22														22		78	140	
26/ 25		.1	.0															4														4		67	171	
24/ 23		.1	.1															5														5		38	165	
22/ 21		.1	.0	.0														5														5		13	166	
20/ 19		.0																1														1		6	131	
18/ 17		.0																1														1		3	125	
16/ 15																																		1		124
14/ 13																																			91	
12/ 11																																			82	
10/ 9																																			77	
8/ 7																																			51	
6/ 5																																			28	
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total																		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

PSYCHROMETRIC SUMMARY

<u>23112</u>	<u>NELLIS AFB NEVADA/LAS VEGAS</u>
STATION	STATION NAME

42-43, 49-72

NDV

PAGE 2

0600-0800

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-43, 49-72

NGV

PAGE 2

0900-1100

HOURS (L, S, T.)

[illegible]

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

NDV

STATION

STATION NAME

YEARS

PAGE 1 1200-1400

MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
86/ 85															.1	.3	.1	3	3								
84/ 83															.1	.3	.4	12	12								
82/ 81															.1	.3	.4	36	36								
80/ 79								.0	.2	.0				.6	.7	1.2	.7	84	84								
78/ 77									.0	.1	.2	1.3	1.5	1.6	.3			118	118								
76/ 75								.1	.1	.2	.7	1.8	2.3	1.2	.3			153	153								
74/ 73				.1	.0				.2	.7	1.5	2.3	2.3	.6	.0			182	182								
72/ 71							.0	.2	.3	1.4	1.8	2.0	1.2	.2	.0			166	166								
70/ 69							.1	.3	1.4	1.5	2.3	2.1	1.2	.1		.0		214	214								
68/ 67							.1	.1	.7	1.6	1.8	2.2	1.6	.8		.0		210	210			2					
66/ 65							.2	.3	.7	1.8	1.8	1.5	1.0	.1				171	171			2		2			
64/ 63					.1		.2	.5	1.1	1.8	1.4	1.3	.7	.0				167	167			4					
62/ 61				.0	.2	.3	.4	1.5	1.4	1.6	1.2	.1	.0					158	158			4		1			
60/ 59				.0	.4	.3	.6	1.5	1.7	1.5	.6	.1						159	159			17					
58/ 57		.1	.3	.1	.5	.4	.7	1.5	1.9	1.0	.3							159	159			74		1			
56/ 55			.2	.1	.3	.7	.4	1.5	1.5	.7								124	124			144		2			
54/ 53		.0	.2	.1	.4	.4	.3	1.2	.5	.1								74	74			285		8			
52/ 51			.1	.2	.2	.2	.6	.9	.3	.0								62	62			333		14			
50/ 49		.0	.1	.3			.2	.2	.2									23	23			342		16			
48/ 47		.0	.3				.6	.0										28	28			289		29			
46/ 45		.1				.1	.2	.0										10	10			254		33			
44/ 43			.0	.0	.1	.1	.1											9	9			211		60			
42/ 41			.1	.0														3	3			158		78			
40/ 39		.0																1	1			113		99			
38/ 37		.0																1	1			55		138			
36/ 35																					29		180				
34/ 33																					10		141				
32/ 31																					1		153				
30/ 29																							149				
28/ 27																							135				
26/ 25																							174				
24/ 23																							151				
22/ 21																							150				
20/ 19																							107				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-43, 49-72

NDV

STATION

STATION NAME

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MONTH

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1200-1400

POURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

NGN

STATION

STATION NAME

YEARS

MOYIN

PAGE 1

1500-1700

HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

42-43, 49-72

NOV
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

42-43, 49-72

NOV

PAGE 1 1800-2000
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

0-26-5 (QLA)

USAFETAC

PSYCHROMETRIC SUMMARY

NIV

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
10/ 9																					51	
8/ 7																					48	
6/ 5																					24	
4/ 3																					13	
2/ 1																					22	
0/ -1																					12	
-2/ -3																					4	
-4/ -5																					4	
TOTAL	.1	1.7	3.8	5.1	8.9	17.0	18.3	16.6	14.6	8.7	4.1	1.0	.1					2328	2328		2328	
																		2328	2328			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69									.0	.2								6		6				
68/ 67									.3	.1	.1	.3						16		16				
66/ 65					.0	.0	.0	.3	.2	.5	.1							28		28				
64/ 63					.0	.1	.4	.6	.5	.1	.1	.1						43		43				
62/ 61			.0	.0	.1	.1	.6	.3	.5	.5	.2							57		57				
60/ 59			.1	.3	.1	.8	1.2	.9	.9	.5	.1							114		114				
58/ 57	.1	.2	.1	.3	.4	1.2	.8	.9	1.0	.6								129		129	5			
56/ 55		.1	.4	.3	.6	1.8	1.0	1.5	1.2	.1								179		179	21			
54/ 53		.3	.9	.6	.9	1.7	2.0	2.4	.6	.0								208		208	19			
52/ 51		.4	.9	.7	1.4	2.1	2.4	2.1	.9									239		239	58			
50/ 49		.3	.6	1.2	2.3	2.4	3.3	1.8	.2									282		282	108			
48/ 47		.3	1.0	.9	2.5	2.1	2.3	1.1	.1									240		240	129			
46/ 45		.7	.6	2.1	2.1	1.6	1.3	.6										212		212	173			
44/ 43	.0	.3	.9	1.0	1.7	1.3	1.6	.2										162		162	253			
42/ 41	.0	.4	.8	.6	1.8	1.7	1.2											153		153	274			
40/ 39		.3	.5	.6	1.5	1.8	.4											123		123	347			
38/ 37		.0	.4	.7	.6	.8	.0											56		56	302			
36/ 35		.2	.5	.5	.4	.1												40		40	192			
34/ 33		.0	.3	.1	.4	.0												20		20	154			
32/ 31		.1	.1	.0	.1	.0												11		11	156			
30/ 29		.0	.1	.1	.2													9		9	88			
28/ 27			.0															1		1	24			
26/ 25			.1															2		2	16			
24/ 23																					6			
22/ 21																					5			
20/ 19																								
18/ 17																								
16/ 15																								
14/ 13																								
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
4/ 3																								
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

PSYCHROMETRIC SUMMARY

NOV

MONTH

2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					15
0/ -1																					9
-2/ -3																					5
-4/ -5																					4
-6/ -7																					2
TOTAL	1.2	3.6	7.0	10.4	17.4	19.6	19.3	12.8	6.2	2.4	.9	.1						2330	2330	2330	
																		2330		2330	
																			</		

PSYCHROMETRIC SUMMARY

42-43; 49-72

YEARS

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION STATION NAME

42-43, 49-72

DEC

PAGE 2

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

42-43, 49-72

DEC

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YFARS

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DLC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/ 69								.0										1	1						
68/ 67							.0	.0										2	2						
66/ 65									.0									1	1						
64/ 63									.0									2	2						
62/ 61				.1	.0	.2	.1	.1										12	12						
60/ 59					.2	.2	.1		.0									12	12						
58/ 57				.1	.0	.2	.0	.0										10	10						
56/ 55			.1	.0	.2	.2	.2		.1									18	18	5					
54/ 53		.0	.2	.2	.4	.3	.1	.1	.0									30	30	4	1				
52/ 51		.2	.4	.3	.2	.3	.2	.1										43	43	18	2				
50/ 49	.1	.6	.2	.5	.4	.5	.4	.2										73	73	24	7				
48/ 47	.1	.3	.3	.5	.5	.9	.7											80	80	46	25				
46/ 45	.2	.3	.3	.8	1.4	1.3	.5	.0										119	119	42	37				
44/ 43		.4	.5	1.5	1.3	1.2	.4	.0										129	129	45	14				
42/ 41	.1	.7	.6	1.6	1.8	1.7	.2	.0										165	165	58	33				
40/ 39	.0	.4	1.9	2.1	2.1	.9	.0											182	182	100	32				
38/ 37		.7	2.3	2.4	1.9	.7												194	194	140	36				
36/ 35	.0	1.8	3.2	2.5	1.7	.3												231	231	206	43				
34/ 33	.0	2.3	4.1	3.2	1.1	.1												265	265	228	84				
32/ 31	.1	3.1	3.4	3.1	1.0	.1												260	260	311	100				
30/ 29	.1	2.0	3.2	3.9	.3													229	229	325	169				
28/ 27	.0	1.8	2.7	1.8	.0													154	154	266	186				
26/ 25	.0	1.0	2.1	.6														88	88	212	165				
24/ 23		.5	1.1	.5														51	51	191	192				
22/ 21		.1	.9	.2														29	29	87	205				
20/ 19		.3	.3	.1														17	17	48	183				
18/ 17		.1	.2															7	7	31	175				
16/ 15			.2															5	5	15	125				
14/ 13			.1															2	2	5	145				
12/ 11			.0															1	1	4	128				
10/ 9																				1	110				
8/ 7																					76				
6/ 5																					54				
4/ 3																					28				
Element (Y)	ΣX'		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

DEC

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
2/ -1																						19		
0/ -1																						14		
-2/ -3																						15		
-4/ -5																						4		
-6/ -7																						1		
-8/ -9																						1		
TOTAL		.916	.628	.526	.114	.8	9.0	3.1	.8	.2								2412	2412	2412	2411			
																	</							

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

PSYCHROMETRIC SUMMARY

DEC
MONTH

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

[illegible]

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

42-43, 49-72

DEC

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

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

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

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1200-1400

HOURS (L. S. T.)

[illegible]

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1900-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+3	Dry Bulb	Wet Bulb	Dew Point					
73/ 77													.0								1	1			
76/ 75													.0	.0							2	2			
74/ 73												.1	.1								6	6			
72/ 71												.2	.0	.2	.0						13	13			
70/ 69						.0						.2	.7	.2	.2	.0					33	33			
68/ 67							.0		.5			.7	.6	.8	.1						65	65			
66/ 65				.0	.0		.1	.4	.8	1.0	.7	.4									82	82			
64/ 63				.0	.0	.1	.3	.8	1.3	1.5	1.0	.1									125	125			
62/ 61		.0		.1	.3	.1	.6	1.5	2.1	1.7	1.0										177	177			
60/ 59			.1	.2	.1	.7	1.0	2.4	3.2	2.1	.3										241	241	3		
58/ 57		.0		.1	.4	.5	1.7	3.0	3.4	1.2	.0										252	252	4	2	
56/ 55			.2	.3	.8	1.0	2.5	2.8	2.6	.3											250	250	9	3	
54/ 53		.0	.2	.4	.8	1.7	2.6	2.8	1.6	.2	.0										245	245	28	3	
52/ 51		.5	.2	.4	.7	1.5	2.6	2.5	1.3	.0											237	237	56	5	
50/ 49		.3	.2	.4	1.0	1.5	2.7	2.0	.2												198	198	169	14	
48/ 47		.2	.2	.5	.6	1.6	2.1	1.1	.1												160	160	217	31	
46/ 45		.0	.2	.5	.8	.9	1.5	.9													113	113	311	24	
44/ 43		.1	.2	.5	.8	.7	1.1	.2													75	75	371	27	
42/ 41		.0	.2	.2	.2	1.0	.3	.1													59	59	353	45	
40/ 39		.2	.1	.2	.2	.6	.1														34	34	296	54	
38/ 37		.0		.1	.2	.2															14	14	229	71	
36/ 35				.1	.1	.0															6	6	139	110	
34/ 33				.1	.2																7	7	92	140	
32/ 31					.2																6	6	73	150	
30/ 29																							29	178	
28/ 27																							12	139	
26/ 25																							8	174	
24/ 23																							2	197	
22/ 21																								166	
20/ 19																								110	
18/ 17																								182	
16/ 15																								129	
14/ 13																								114	
12/ 11																								88	
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ^2		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L, S, T.)

HOURS (L, S, T.)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43; 49-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (°)																					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				
70/ 69									.1										3	3					
68/ 67								.1											3	3					
66/ 65									.1	.0									4	4					
64/ 63			.0	.0		.1	.1	.1	.1	.0	.0								13	13					
62/ 61			.0		.0	.0	.1	.2	.1	.1	.0								15	15					
60/ 59			.1	.1	.1	.0	.2	.4	.2	.1									31	31	1				
58/ 57			.1	.2	.2	.3	.8	.5	.4	.0									59	59	2				
56/ 55			.2	.1	.3	1.0	1.3	1.0	.2	.0									97	97	3				
54/ 53			.7	.3	.5	1.0	2.0	1.2	.4	.0									147	147	17				
52/ 51		.5	.4	.5	1.1	1.9	1.8	1.3	.5										193	193	16				
50/ 49		.5	.5	.9	1.6	2.9	2.5	1.7	.0										257	257	50				
48/ 47	.0	.5	.5	2.0	2.3	4.0	3.3	.9											321	321	66				
46/ 45	.0	.3	.6	2.0	2.9	3.7	3.1	.3											313	313	111				
44/ 43	.1	.2	.8	2.1	2.5	3.4	1.7	.1											262	262	182				
42/ 41		.3	1.0	1.5	2.3	2.7	1.3	.0											223	223	213				
40/ 39		.3	1.1	1.0	2.1	2.3	.7												179	179	313				
38/ 37		.2	.8	1.3	1.4	.8	.2												112	112	368				
36/ 35		.0	.6	.7	1.6	.3	.0												85	85	325				
34/ 33			.4	.4	.6	.1													38	38	282				
32/ 31			.2	.1	.5														21	21	182				
30/ 29			.0	.5	.1														16	16	129				
28/ 27			.1	.2															6	6	74				
26/ 25				.0															1	1	35				
24/ 23																					24				
22/ 21																					3				
20/ 19																					1				
18/ 17																									
16/ 15																									
14/ 13																									
12/ 11																									
10/ 9																									
8/ 7																									
6/ 5																									
4/ 3																									
Element (X)	ΣX^2		ΣX		$\bar{X}$		σ_X		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1800-2000

1800-2000

HOURS (L, S, T.)

[illegible]

FORM 0-26-5 (11-A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USĀFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-43,49-72

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
68/ 67									.0									1	1						
66/ 65					.1			.0	.1									5	5						
64/ 63				.0			.2	.2	.2									11	11						
62/ 61						.2	.2	.0	.0	.0								12	12						
60/ 59			.0		.1	.1	.0	.2	.0									13	13						
58/ 57			.0	.2	.1	.1	.2	.1	.0									18	18	3					
56/ 55			.2	.1	.2	.2	.5	.1	.2									38	38	1					
54/ 53		.0	.3	.2	.3	.7	.7	.5	.1									71	71	3	3				
52/ 51		.4	.5	.4	.5	.6	1.0	.7	.1									102	102	28	1				
50/ 49		.9	.3	.5	1.0	1.0	1.3	.6										134	134	46	12				
48/ 47	.2	.4	.4	.8	1.4	1.8	1.0	.4										151	151	48	39				
46/ 45	.0	.3	.5	1.5	2.3	3.0	1.7	.2										233	233	58	23				
44/ 43	.2	.3	1.3	1.9	3.0	2.3	1.1	.1										246	246	82	38				
42/ 41	.1	.4	1.7	2.7	3.0	2.4	.6											258	258	109	26				
40/ 39		1.0	2.5	2.9	3.7	2.4	.2											303	303	196	42				
38/ 37		1.0	1.7	3.0	3.0	1.4	.1											242	243	289	54				
36/ 35		.8	1.2	2.2	3.2	.6	.0											193	193	337	75				
34/ 33		.6	1.8	2.0	2.4	.2												168	168	304	124				
32/ 31		.5	1.0	1.5	.7													86	86	276	152				
30/ 29		.3	.8	.7	.3													53	53	248	146				
28/ 27		.2	.5	.8	.1													39	39	175	132				
26/ 25		.1	.2	.4	.0													17	17	108	187				
24/ 23			.1	.1														5	5	45	195				
22/ 21			.0															1	1	33	179				
20/ 19			.0															1	1	9	158				
18/ 17																				2	143				
16/ 15																				1	141				
14/ 13																					112				
12/ 11																					131				
10/ 9																					97				
8/ 7																					59				
6/ 5																					47				
4/ 3																					34				
2/ 1																					18				
Element (X)	Σx^2		Σx		$\bar{x}$		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM - DISCONTINUED

USAFETAC

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

2100-2300

HOURS (L - S - T -)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
0/ =1																						17
=2/ =3																						10
=4/ =5																						3
=6/ =7																						3
TOTAL	.5	7.2	15.1	21.9	25.4	17.0	9.0	3.2	.6	.0									2401	2402	2401	2401
									</													

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	38.3	43.6	49.4	57.4	66.1	75.1	82.5	80.7	71.6	59.3	46.5	38.9	59.4
	S D	8.420	8.107	7.572	7.561	7.892	7.713	6.158	6.696	7.004	7.983	7.688	7.693	17.081
	TOTAL OBS	2377	2181	2465	2416	2301	2378	2462	2501	2426	2414	2334	2402	28837
03-05	MEAN	36.1	41.0	46.3	54.1	62.4	70.9	78.5	76.9	67.9	56.1	43.9	36.7	56.1
	S D	8.607	8.130	7.584	7.580	7.626	7.567	6.391	6.672	7.042	7.990	7.926	8.009	16.531
	TOTAL OBS	2381	2182	2461	2415	2494	2380	2457	2501	2424	2408	2333	2409	28845
06-08	MEAN	35.7	41.2	48.2	58.6	69.1	78.5	85.0	82.2	72.2	58.6	44.9	36.5	59.5
	S D	8.628	8.262	8.206	8.610	8.722	8.271	6.775	6.901	8.324	8.995	8.245	8.187	19.059
	TOTAL OBS	2368	2183	2472	2412	2492	2379	2448	2508	2420	2408	2336	2412	28838
09-11	MEAN	46.8	53.2	60.4	70.1	80.0	89.7	96.4	93.8	86.8	73.2	58.2	48.1	71.7
	S D	8.112	8.106	8.455	9.089	9.234	8.504	5.776	5.932	8.117	9.463	8.241	7.924	19.022
	TOTAL OBS	2367	2182	2467	2412	2490	2376	2445	2505	2420	2409	2334	2410	28817
12-14	MEAN	55.2	60.7	66.8	75.6	85.4	95.3	102.1	99.7	93.2	80.4	66.0	56.2	78.3
	S D	7.884	8.218	9.088	9.711	9.524	8.712	5.603	6.024	8.081	9.695	8.418	7.550	18.361
	TOTAL OBS	2377	2180	2466	2406	2498	2384	2453	2506	2424	2402	2327	2413	28836
15-17	MEAN	54.6	61.0	67.7	76.4	86.0	96.2	102.7	100.2	93.3	79.6	64.2	54.7	78.4
	S D	8.126	8.347	9.298	9.792	9.586	8.781	5.849	6.342	7.839	9.736	8.342	7.240	18.825
	TOTAL OBS	2368	2171	2459	2409	2495	2384	2453	2499	2423	2408	2325	2401	28795
18-20	MEAN	46.2	52.8	60.4	69.7	79.7	90.2	96.7	93.5	84.5	70.0	54.8	46.1	70.7
	S D	7.519	7.619	8.553	9.037	9.432	8.699	6.236	6.730	7.545	8.608	7.295	6.461	19.298
	TOTAL OBS	2359	2181	2465	2408	2493	2380	2462	2507	2428	2405	2328	2399	28815
21-23	MEAN	41.4	47.2	53.7	62.3	71.8	81.5	88.5	86.0	76.4	62.9	49.5	41.7	65.9
	S D	8.173	7.574	7.788	7.935	8.146	7.622	5.638	6.403	7.034	8.108	7.231	7.113	17.968
	TOTAL OBS	2363	2182	2466	2416	2493	2384	2464	2497	2425	2415	2330	2402	28837
ALL HOURS	MEAN	44.3	50.1	56.6	65.5	75.1	84.7	91.5	89.1	80.7	67.5	53.5	44.8	67.3
	S D	10.940	11.059	11.457	11.833	12.132	12.127	10.512	10.543	12.092	12.624	11.334	10.467	20.031
	TOTAL OBS	18960	17462	19721	19294	19956	19045	19644	20024	19390	19249	18647	19248	230640

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

STATION

STATION NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	32.4	36.0	38.8	43.6	48.5	53.2	59.8	60.7	53.4	46.1	38.1	33.0	45.5
	S D	7.314	6.739	5.770	5.118	4.806	4.652	6.432	6.788	6.280	6.200	6.439	6.836	11.360
	TOTAL OBS	2374	2181	2465	2415	2500	2376	2461	2498	2426	2414	2333	2402	28845
03-05	MEAN	30.9	34.4	36.9	41.9	46.9	51.6	58.3	59.5	51.9	44.4	36.5	31.5	43.9
	S D	7.516	6.876	5.905	5.279	4.929	5.000	6.993	7.302	6.719	6.471	6.749	7.041	11.587
	TOTAL OBS	2378	2182	2461	2411	2474	2380	2456	2500	2424	2407	2333	2408	28834
06-08	MEAN	30.6	34.5	38.0	44.5	50.4	55.5	61.6	62.2	54.1	45.8	37.1	31.3	45.7
	S D	7.575	6.906	6.122	5.582	5.026	4.656	6.167	6.591	6.686	6.662	6.732	7.106	12.560
	TOTAL OBS	2365	2183	2472	2410	2492	2379	2448	2505	2419	2408	2326	2412	28829
09-11	MEAN	37.6	41.4	44.4	49.8	54.9	59.8	65.8	66.3	60.3	52.9	44.6	38.5	51.5
	S D	6.521	6.113	5.340	4.975	4.579	4.121	4.310	4.860	5.209	5.551	5.692	6.117	11.145
	TOTAL OBS	2364	2182	2467	2412	2490	2373	2461	2505	2420	2409	2334	2410	28807
12-14	MEAN	42.1	44.9	47.2	51.8	56.8	61.6	67.3	67.5	62.3	55.7	48.3	42.8	54.2
	S D	5.931	5.681	5.202	4.894	4.543	4.063	3.646	4.249	4.563	5.167	5.360	5.497	10.111
	TOTAL OBS	2376	2180	2466	2406	2498	2384	2481	2506	2424	2402	2327	2413	28833
15-17	MEAN	41.8	45.1	47.5	52.0	56.8	61.7	67.1	67.0	62.0	55.3	47.4	42.0	54.0
	S D	5.915	5.479	5.074	4.729	4.462	3.986	3.484	4.055	4.349	5.086	5.324	5.392	10.063
	TOTAL OBS	2368	2171	2459	2409	2495	2381	2450	2499	2423	2408	2325	2401	28789
18-20	MEAN	37.3	41.2	44.2	49.1	54.1	59.2	65.0	64.8	58.6	51.1	42.9	37.5	50.6
	S D	6.366	5.839	5.152	4.693	4.463	4.063	4.274	4.888	5.018	5.415	5.649	5.764	10.884
	TOTAL OBS	2359	2181	2465	2408	2491	2378	2457	2508	2428	2404	2328	2399	28808
21-23	MEAN	34.4	38.1	41.0	45.9	50.9	55.7	62.1	62.3	55.3	47.9	39.9	34.7	47.5
	S D	7.048	6.320	5.486	4.842	4.413	4.118	5.423	6.028	5.824	5.927	6.101	6.337	11.150
	TOTAL OBS	2363	2181	2464	2416	2493	2384	2461	2496	2425	2414	2330	2401	28828
ALL HOURS	MEAN	35.9	39.4	42.2	47.3	52.4	57.3	63.4	63.8	57.2	49.9	41.9	36.4	49.1
	S D	8.031	7.470	6.751	6.182	5.848	5.425	6.140	6.374	6.813	7.176	7.416	7.575	11.746
	TOTAL OBS	18947	17441	19719	19287	19953	19035	19625	20017	19389	19266	18646	19246	230573

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23112

NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

STATION

STATION NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	21.3	23.5	22.1	25.1	28.1	31.3	40.7	45.1	35.4	30.1	25.5	22.6	29.4
	S D	11.874	10.946	11.104	10.381	9.289	9.277	14.421	13.861	12.580	11.285	10.992	10.590	13.677
	TOTAL OBS	2374	2181	2465	2415	2501	2376	2461	2499	2426	2414	2334	2402	28848
03-05	MEAN	20.7	23.1	21.6	25.1	28.5	31.6	41.0	45.6	35.4	29.7	24.9	21.8	29.2
	S D	11.748	10.696	10.831	10.094	9.097	9.660	14.513	14.076	12.862	11.303	10.846	10.337	13.847
	TOTAL OBS	2378	2182	2461	2411	2494	2380	2456	2500	2424	2407	2327	2408	28834
06-08	MEAN	20.7	23.3	22.3	26.4	30.4	34.2	43.5	47.6	36.9	30.5	25.2	21.9	30.4
	S D	11.583	10.428	10.658	9.856	8.896	8.947	13.498	13.277	12.536	11.160	10.668	10.141	13.944
	TOTAL OBS	2365	2183	2472	2410	2492	2379	2449	2505	2419	2408	2336	2411	28829
09-11	MEAN	23.2	24.6	22.8	26.4	30.6	34.8	44.9	48.2	38.7	32.7	27.3	24.1	31.6
	S D	11.253	11.072	10.453	9.476	8.318	8.353	11.858	12.177	11.503	10.545	11.056	10.407	13.474
	TOTAL OBS	2364	2181	2467	2412	2490	2374	2461	2505	2420	2409	2334	2410	28807
12-14	MEAN	23.5	23.9	21.9	25.4	29.6	33.9	44.2	46.7	38.2	32.3	27.2	24.0	31.0
	S D	11.666	11.638	10.374	9.321	8.415	8.589	11.201	11.727	10.653	10.168	11.261	11.076	13.288
	TOTAL OBS	2375	2180	2464	2406	2498	2384	2451	2506	2424	2402	2316	2412	28818
15-17	MEAN	23.2	23.7	21.5	24.7	28.8	33.0	42.9	44.8	37.1	32.0	27.0	24.1	30.4
	S D	11.748	11.483	10.382	9.198	8.349	8.772	11.443	11.931	10.434	9.746	10.990	10.853	12.939
	TOTAL OBS	2368	2169	2458	2409	2495	2382	2451	2499	2423	2408	2325	2401	28788
18-20	MEAN	23.0	24.2	21.8	24.5	27.9	31.9	42.1	44.5	36.1	31.1	27.0	23.8	29.9
	S D	11.978	11.500	10.883	9.761	8.524	8.633	12.236	12.459	11.234	10.724	11.027	10.729	13.105
	TOTAL OBS	2359	2180	2464	2408	2493	2378	2457	2508	2428	2404	2328	2397	28806
21-23	MEAN	22.2	24.0	21.9	24.8	27.7	31.0	41.5	44.4	35.3	30.5	26.1	23.1	29.5
	S D	12.073	11.333	11.280	10.363	9.160	9.035	13.708	13.579	12.337	11.133	11.170	10.589	13.528
	TOTAL OBS	2363	2181	2464	2416	2493	2384	2461	2496	2425	2414	2330	2401	28828
ALL HOURS	MEAN	22.2	23.8	22.0	25.3	29.0	32.7	42.6	45.9	36.6	31.1	26.3	23.2	30.2
	S D	11.791	11.150	10.759	9.837	8.826	9.020	13.006	12.985	11.865	10.825	11.039	10.631	13.503
	TOTAL OBS	18946	17437	19715	19287	19956	19027	19627	20018	19389	19266	18436	19244	230558

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23112
STATION

NELLIS AFB NEVADA/LAS VEGAS
STATION NAME

42-44,49-72
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.6	90.7	73.4	54.6	37.6	24.1	14.4	7.3	1.8	45.8	18946
FEB		99.4	84.0	61.4	42.7	27.2	16.6	9.0	3.5	.8	40.0	17436
MAR		96.2	64.1	37.6	21.9	13.1	7.9	4.5	2.1	.6	30.2	19714
APR		92.1	51.4	26.8	14.0	7.8	4.8	2.6	1.1	.3	25.4	19285
MAY		88.7	39.1	15.5	7.1	3.4	2.1	1.3	.4	.1	21.0	19953
JUN		81.2	27.3	9.1	3.4	1.5	.7	.3	.1		17.6	19035
JUL		85.3	40.0	19.8	9.3	4.3	2.0	1.1	.5	.1	21.5	19623
AUG		91.4	56.1	30.5	15.3	7.5	3.4	1.9	.8	.2	26.1	20015
SEP		91.7	47.6	22.4	11.0	6.3	3.7	2.1	1.0	.2	23.9	19389
OCT		97.2	64.9	37.0	20.4	11.4	6.5	3.8	1.7	.3	29.7	19266
NOV		98.5	84.1	60.4	40.0	25.2	15.4	8.4	4.0	1.1	39.2	18635
DEC		99.6	92.9	76.3	54.9	37.2	24.4	14.1	6.6	1.5	46.3	19244
TOTALS		93.5	61.9	39.2	24.6	15.2	9.3	5.3	2.4	.6	30.6	230541

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44,49-72

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	99.8	96.8	87.9	72.3	53.2	33.5	21.0	11.2	3.1	53.4	2374
	03-05	100.0	97.7	90.2	79.0	59.9	40.3	24.6	14.3	3.6	56.4	2378
	06-08	99.9	98.3	91.7	79.7	62.3	43.6	26.3	13.0	2.6	57.3	2369
	09-11	100.0	92.4	72.3	47.3	27.6	14.8	7.3	3.3	.6	42.1	2364
	12-14	98.8	76.9	43.8	21.7	11.7	6.3	3.5	1.4	.4	31.9	2375
	15-17	98.9	75.2	44.0	25.1	14.4	8.0	4.6	1.8	.5	32.7	2368
	18-20	99.6	92.3	72.4	47.2	29.6	18.8	10.9	5.0	1.3	43.2	2359
	21-23	99.6	95.7	84.5	64.1	41.8	27.5	16.9	8.7	2.2	49.6	2363
TOTALS		99.6	90.7	73.4	54.6	37.6	24.1	14.4	7.3	1.8	45.8	18946

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23112 NELLIS AFB NEVADA/LAS VEGAS

43-44, 49-72

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	96.6	81.5	61.2	39.5	24.9	14.0	5.4	1.4	48.0	2181
	03-05	100.0	98.4	87.0	69.3	48.4	31.4	17.4	7.1	2.0	51.8	2182
	06-08	100.0	98.4	87.9	71.3	47.8	29.1	15.9	6.7	1.3	51.5	2183
	09-11	99.7	85.1	53.2	30.4	16.9	8.9	4.1	1.7	.3	35.3	2181
	12-14	98.1	59.3	28.0	14.5	8.2	4.6	2.4	.8	.0	27.0	2179
	15-17	97.9	57.4	27.2	15.4	8.9	5.7	3.1	1.2	.2	26.9	2169
	18-20	99.7	83.1	53.3	31.0	17.9	11.0	6.0	2.0	.3	35.9	2180
	21-23	99.9	93.3	73.3	48.2	29.7	17.0	9.3	3.1	.8	43.0	2181
TOTALS		99.4	84.0	61.4	42.7	27.2	16.6	9.0	3.5	.8	40.0	17436

RELATIVE HUMIDITY

MAR

STATION

STATION NAME

PERIOD

MONTH

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	99.6	87.0	55.2	33.5	20.2	13.3	7.3	2.9	.7	37.4	2465
	03-05	99.8	91.9	63.7	41.1	24.8	15.4	9.4	4.1	1.4	40.7	2461
	06-08	99.7	89.6	60.6	37.7	22.5	13.4	7.2	3.3	1.1	39.0	2472
	09-11	97.2	57.3	27.2	12.7	6.7	3.4	1.8	.9	.1	26.1	2467
	12-14	90.5	33.4	13.5	6.5	3.4	2.1	1.2	.6	.2	20.3	2464
	15-17	87.7	30.8	13.2	6.9	4.4	2.3	1.4	.9	.1	19.9	2457
	18-20	96.6	50.0	25.8	13.8	8.4	4.8	3.1	1.5	.4	25.7	2464
	21-23	98.7	72.8	41.4	23.3	14.3	8.4	4.6	2.4	.6	32.1	2464
TOTALS		96.2	64.1	37.6	21.9	13.1	7.9	4.5	2.1	.6	30.2	19714

ETAC FORM 0-87.5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23112 NELLIS AFB NEVADA/LAS VEGAS
STATION

42-44,49-72
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	98.8	75.7	42.3	22.1	11.6	7.3	4.3	1.8	.5	31.9	2415
	03-05	99.2	84.7	53.7	29.0	15.7	9.5	5.7	2.7	1.0	35.6	2411
	06-08	99.1	76.7	43.5	21.5	10.5	6.6	3.5	1.3	.2	31.8	2410
	09-11	93.4	41.5	14.6	7.2	3.9	2.3	1.2	.3	.1	21.7	2412
	12-14	81.3	22.1	9.1	4.4	2.7	1.8	.6	.3	.2	17.3	2403
	15-17	77.0	19.2	8.9	5.2	3.2	1.8	.8	.4	.1	16.9	2408
	18-20	91.0	33.1	15.0	8.4	5.6	3.8	1.7	.6	.1	21.0	2408
	21-23	97.2	58.2	27.0	14.2	8.8	5.6	3.1	1.0	.2	27.0	2416
TOTALS		92.1	31.4	26.8	14.0	7.8	4.8	2.6	1.1	.3	25.4	19285

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	98.7	61.8	24.3	11.6	5.0	3.4	2.3	.8	.1	26.2	2501
	03-05	99.7	77.8	35.8	16.4	7.3	4.2	2.8	1.2	.3	30.0	2494
	06-08	98.9	61.6	24.7	10.1	4.7	3.1	1.7	.6	.1	25.9	2490
	09-11	88.4	27.9	8.0	3.3	1.6	1.0	.6	.2		12.2	2480
	12-14	73.8	13.7	4.1	2.0	1.3	.6	.3			14.8	2497
	15-17	70.4	11.3	4.6	2.5	1.1	.4	.2	.0		14.1	2495
	18-20	83.9	19.3	8.2	4.1	2.5	1.4	.8	.1		16.9	2493
	21-23	95.3	39.1	14.4	7.1	3.5	2.3	1.7	.6		21.5	2493
TOTALS		88.7	39.1	15.5	7.1	3.4	2.1	1.3	.4	.1	21.0	19953

RELATIVE HUMIDITY

JUN
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	96.3	44.9	14.8	5.0	2.6	1.3	.5	.1		21.0	2376
	03-05	99.1	60.4	24.0	9.0	3.5	1.8	.9	.5		25.3	2380
	06-08	95.8	46.1	15.7	4.7	2.0	.9	.4	.0		21.9	2379
	09-11	79.4	18.5	4.2	1.1	.3	.0				15.6	2374
	12-14	62.5	7.3	1.6	.6	.3					12.7	2383
	15-17	58.3	5.5	2.2	1.1	.5	.4	.3	.2	.0	12.1	2382
	18-20	71.0	10.8	3.3	2.1	.9	.5	.2			13.9	2378
	21-23	87.2	25.2	6.9	3.2	1.6	.6	.3	.1		17.6	2383
TOTALS		81.2	27.3	9.1	3.4	1.5	.7	.3	.1		17.6	19035

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	96.7	52.0	28.2	14.1	7.1	3.5	2.1	1.1	.1	25.7	2461
	03-05	99.0	64.1	36.4	19.7	9.9	4.6	2.6	1.2	.1	29.2	2456
	06-08	96.7	55.0	30.9	15.4	6.9	2.9	1.4	.6	.1	26.3	2448
	09-11	83.6	37.1	15.7	5.2	2.1	.7	.2			19.6	2440
	12-14	71.0	23.9	7.3	2.2	.7	.3	.2	.0		16.0	2431
	15-17	67.0	18.9	7.6	2.8	.8	.5	.4	.1	.1	15.2	2449
	18-20	78.8	27.4	12.3	3.3	1.9	1.1	.4	.2	.0	17.8	2457
	21-23	89.7	41.4	20.1	10.0	4.6	2.3	1.1	.6	.1	22.3	2461
TOTALS		85.3	40.0	19.8	9.3	4.3	2.0	1.1	.5	.1	21.5	19623

RELATIVE HUMIDITY

AUG
MONTH

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	98.6	74.3	43.7	23.1	11.3	5.4	3.2	1.6	.4	31.6	2498
	03-05	99.6	82.9	57.2	34.3	17.4	7.8	4.8	2.4	.6	36.1	2500
	06-08	98.4	76.3	50.5	27.7	12.9	5.2	2.6	1.1	.2	32.9	2505
	09-11	92.3	53.6	25.9	8.3	3.4	1.5	.6	.3	.1	23.8	2504
	12-14	83.2	35.7	11.1	3.0	1.4	.9	.5	.2		18.9	2505
	15-17	79.3	27.9	9.4	3.9	2.2	1.2	.5	.0		17.6	2499
	18-20	89.1	39.6	17.4	7.3	4.0	1.8	.8	.2	.0	21.2	2508
	21-23	94.9	58.7	29.0	15.0	7.1	3.4	1.8	.8	.1	26.4	2496
TOTALS		91.9	56.1	30.5	15.3	7.5	3.4	1.9	.8	.2	26.1	20015

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,49-72

SEP

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	99.3	70.3	33.1	13.8	9.0	5.2	3.1	1.6	.4	29.2	2426
	03-05	99.5	81.1	45.8	22.5	13.0	7.3	3.9	2.1	.5	32.9	2424
	06-08	99.0	72.3	37.8	18.9	10.4	6.1	3.5	1.8	.3	30.5	2419
	09-11	90.7	34.9	15.0	7.3	3.9	1.9	1.0	.5	.1	20.8	2420
	12-14	78.6	20.3	7.8	3.2	1.9	1.4	.7	.3		16.6	2424
	15-17	77.0	16.8	6.8	3.2	2.1	1.4	.6	.3	.1	15.9	2423
	18-20	91.4	31.7	11.6	6.3	3.7	2.2	1.3	.5	.1	20.0	2428
	21-23	97.7	59.0	21.3	10.6	6.3	4.1	2.6	.9	.2	25.0	2425
TOTALS		91.7	47.6	22.4	11.0	6.3	3.7	2.1	1.0	.2	23.9	19389

RELATIVE HUMIDITY

OCT
MONTH

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	85.7	53.5	29.5	17.1	9.8	6.0	3.0	.5	36.0	2414
	03-05	100.0	91.9	62.7	37.8	21.1	12.9	7.5	3.8	.7	39.4	2407
	06-08	99.9	88.6	57.4	33.7	19.3	11.9	6.9	3.1	.5	37.5	2408
	09-11	97.1	53.4	24.5	13.1	7.0	3.5	1.7	.3		25.4	2409
	12-14	90.8	31.9	13.6	6.1	3.4	1.9	.7	.2	.0	20.0	2402
	15-17	91.7	33.0	13.7	6.2	3.2	1.5	.9	.3	.0	20.1	2408
	18-20	98.0	57.7	27.3	14.3	7.5	3.7	2.1	.7	.1	26.4	2404
	21-23	99.7	77.2	43.3	22.5	12.5	6.9	4.2	1.8	.3	32.4	2414
TOTALS		97.2	64.9	37.0	20.4	11.4	6.5	3.8	1.7	.3	29.7	19266

RELATIVE HUMIDITY

NOV
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	95.9	78.4	56.7	38.7	22.8	13.0	6.3	1.5	44.9	2333
	03-05	100.0	97.7	84.5	63.3	44.1	29.6	16.2	8.1	2.7	50.2	2333
	06-08	99.9	96.9	82.9	61.3	42.0	28.4	15.4	7.1	2.1	49.1	2336
	09-11	97.8	80.0	50.0	27.8	14.8	7.3	3.5	1.6	.4	33.9	2334
	12-14	94.6	60.7	26.7	11.1	5.9	3.5	2.0	.9	.1	25.9	2316
	15-17	96.2	64.0	30.8	13.6	7.4	4.0	2.4	1.0	.3	27.3	2325
	18-20	99.7	84.6	59.4	36.1	18.3	10.4	5.5	2.4	.5	37.3	2328
	21-23	99.9	93.3	70.5	50.3	30.6	17.3	9.3	4.5	1.0	43.2	2330
TOTALS		98.5	84.1	60.4	40.0	25.2	15.4	8.4	4.0	1.1	39.2	18635

RELATIVE HUMIDITY

DEC

STATION

STATION NAME

PERIOD

MONITORING

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.0	92.0	74.1	52.4	36.6	21.9	10.4	2.3	54.4	2402
	03-05	100.0	99.7	94.8	79.2	59.9	41.8	25.7	12.8	3.2	57.6	2408
	06-08	100.0	99.7	95.4	81.1	61.8	42.5	26.3	12.5	2.7	57.7	2412
	09-11	99.5	92.9	72.4	45.8	26.7	14.5	7.1	3.0	.8	41.8	2410
	12-14	98.0	77.9	43.4	19.7	9.9	6.3	3.4	1.6	.5	31.5	2412
	15-17	98.9	79.9	48.6	23.9	12.8	7.3	4.2	2.0	.3	33.4	2401
	18-20	100.0	95.5	76.7	50.6	30.9	18.0	9.2	3.6	.6	44.0	2399
	21-23	100.0	98.6	87.1	65.1	43.1	27.8	15.3	7.2	1.8	50.1	2400
TOTALS		99.6	92.9	76.3	54.9	37.2	24.4	14.1	6.6	1.5	46.3	19244

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

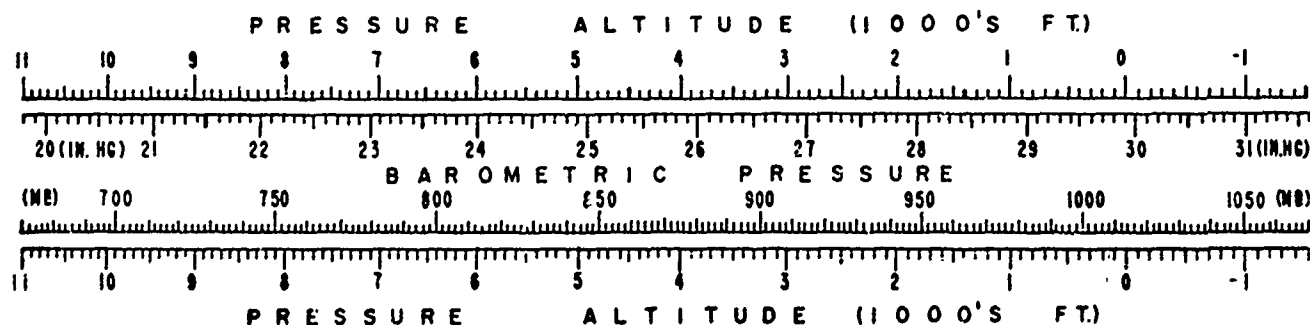
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23112 NELLIS AFB NEVADA/LAS VEGAS

50-63,65-72

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	28.104	28.058	27.972	27.900	27.853	27.805	27.864	27.881	27.887	27.975	28.076	28.110	27.957	
	S D	.180	.174	.171	.140	.121	.093	.081	.075	.102	.137	.160	.189	.174	
	TOTAL OBS	626	585	647	622	648	614	634	680	657	681	658	676	7728	
04	MEAN	28.103	28.057	27.972	27.909	27.869	27.826	27.884	27.896	27.898	27.981	28.078	28.111	27.965	
	S D	.181	.175	.174	.143	.124	.094	.077	.072	.103	.138	.161	.191	.171	
	TOTAL OBS	627	583	646	622	646	613	633	678	657	677	657	678	7717	
07	MEAN	28.127	28.087	28.011	27.953	27.912	27.871	27.928	27.940	27.941	28.018	28.109	28.137	28.003	
	S D	.182	.177	.178	.147	.125	.095	.076	.072	.105	.140	.163	.192	.168	
	TOTAL OBS	624	588	649	619	644	616	629	680	655	679	659	678	7717	
10	MEAN	28.160	28.110	28.024	27.957	27.907	27.866	27.925	27.941	27.945	28.026	28.126	28.166	28.013	
	S D	.181	.174	.175	.145	.122	.095	.075	.072	.102	.137	.161	.192	.173	
	TOTAL OBS	624	584	647	621	644	612	625	678	656	679	659	678	7767	
13	MEAN	28.085	28.045	27.965	27.900	27.856	27.815	27.871	27.884	27.886	27.960	28.054	28.093	27.952	
	S D	.178	.168	.169	.141	.119	.096	.076	.073	.102	.135	.157	.187	.167	
	TOTAL OBS	629	584	647	622	645	615	631	680	659	678	654	679	7723	
16	MEAN	28.062	28.005	27.915	27.847	27.801	27.759	27.811	27.823	27.832	27.922	28.028	28.071	27.906	
	S D	.175	.164	.163	.137	.117	.094	.077	.075	.102	.135	.154	.180	.172	
	TOTAL OBS	623	578	644	618	646	615	634	680	657	676	653	671	7695	
19	MEAN	28.079	28.018	27.924	27.849	27.801	27.754	27.810	27.825	27.838	27.939	28.046	28.088	27.914	
	S D	.174	.166	.163	.136	.115	.094	.082	.078	.105	.135	.154	.182	.177	
	TOTAL OBS	623	585	645	620	645	611	636	682	658	678	657	675	7715	
22	MEAN	28.102	28.045	27.960	27.887	27.841	27.794	27.854	27.868	27.875	27.968	28.072	28.112	27.949	
	S D	.176	.172	.167	.136	.117	.093	.083	.078	.103	.136	.157	.185	.176	
	TOTAL OBS	623	586	646	623	646	614	632	678	659	681	656	677	7721	
ALL HOURS	MEAN	28.103	28.053	27.968	27.900	27.855	27.811	27.868	27.882	27.888	27.974	28.074	28.111	27.957	
	S D	.180	.174	.174	.146	.126	.103	.089	.085	.110	.141	.161	.189	.176	
	TOTAL OBS	4999	4670	5171	4967	5164	4910	5054	5436	5258	5429	5253	5412	61723	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HES FROM HOURLY OBSERVATIONS

23112 NELLIS AFB NEVADA/LAS VEGAS

42-44,50-72

STATION		STATION NAME												YEARS	
HRS. (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1019.1	1017.0	1013.5	1010.3	1008.1	1005.8	1007.5	1008.0	1008.7	1012.7	1017.3	1019.0	1012.2	
	S D	6.855	6.615	6.382	5.214	4.536	3.566	2.976	2.773	3.804	5.053	6.034	6.974	6.986	
	TOTAL OBS	750	699	790	775	803	762	791	804	777	774	749	766	9240	
04	MEAN	1019.1	1017.0	1013.6	1010.7	1008.8	1006.7	1008.4	1008.6	1009.3	1013.0	1017.5	1019.2	1012.6	
	S D	6.702	6.674	6.517	5.255	4.628	3.615	2.864	2.638	3.843	5.114	6.117	7.088	6.855	
	TOTAL OBS	751	697	789	775	801	763	787	803	776	770	747	768	9227	
07	MEAN	1020.5	1018.5	1015.2	1012.3	1010.3	1008.2	1010.0	1010.3	1011.0	1014.6	1019.0	1020.5	1014.1	
	S D	7.060	6.788	6.665	5.393	4.641	3.611	2.793	2.648	3.877	5.222	6.241	7.198	6.867	
	TOTAL OBS	746	699	793	773	800	766	786	804	775	771	749	769	9231	
10	MEAN	1021.3	1019.0	1015.4	1012.3	1010.1	1007.9	1009.7	1010.1	1010.9	1014.6	1019.3	1021.2	1014.2	
	S D	6.945	6.582	6.462	5.244	4.523	3.582	2.780	2.667	3.767	5.032	6.066	7.086	7.001	
	TOTAL OBS	747	698	791	775	800	762	779	803	776	771	749	769	9222	
13	MEAN	1018.4	1016.5	1013.2	1010.3	1008.2	1006.1	1007.8	1008.0	1008.7	1012.2	1016.6	1018.4	1011.9	
	S D	6.770	6.324	6.234	5.130	4.444	3.633	2.847	2.746	3.762	4.909	5.907	6.859	6.679	
	TOTAL OBS	752	697	791	772	799	765	787	804	779	770	744	770	9230	
16	MEAN	1017.4	1015.1	1011.5	1008.5	1006.5	1004.2	1005.7	1005.9	1006.9	1010.9	1015.7	1017.7	1010.4	
	S D	6.621	6.215	6.063	5.002	4.388	3.595	2.879	2.823	3.793	4.939	5.822	6.632	6.917	
	TOTAL OBS	747	692	788	771	801	765	789	804	777	769	743	760	9206	
19	MEAN	1018.7	1016.0	1012.1	1008.7	1006.5	1004.0	1005.7	1006.1	1007.3	1011.7	1016.7	1018.6	1010.9	
	S D	6.703	6.345	6.144	5.026	4.354	3.570	3.020	2.924	3.862	5.040	5.902	6.764	7.253	
	TOTAL OBS	745	699	789	773	799	761	793	806	777	771	747	762	9222	
22	MEAN	1019.2	1016.7	1013.1	1009.9	1007.7	1005.4	1007.2	1007.5	1008.4	1012.6	1017.3	1019.3	1011.9	
	S D	6.749	6.550	6.293	5.013	4.421	3.541	3.047	2.927	3.824	5.025	5.949	6.839	7.068	
	TOTAL OBS	746	700	790	775	800	765	790	801	779	774	743	767	9230	
ALL HOURS	MEAN	1019.2	1017.0	1013.4	1010.4	1008.2	1006.0	1007.7	1008.1	1008.9	1012.8	1017.4	1019.3	1012.3	
	S D	6.910	6.620	6.473	5.329	4.702	3.865	3.264	3.156	4.061	5.185	6.114	7.007	7.071	
	TOTAL OBS	5984	5581	6321	6189	6403	6109	6302	6429	6216	6172	5971	6131	72808	