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COMOX APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM SUMMARY OF--ETC(1)
NOV 65
UNCLASSIFIED USAFETAC/DS-81/035 SBIE-AD-E850 063 NL

1 of 4

AD-A100 240

A large grid area consisting of approximately 13 columns and 15 rows of empty cells, framed by a thick black border. The grid is mostly empty, with a small black square marker in the top-left cell.

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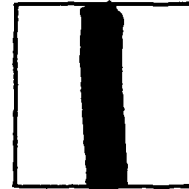
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USAFETAC/DS-81/035

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**DATA PROCESSING DIVISION
CLIMATIC CENTER, USAF
Air Weather Service (MATS)**

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

COMOX BC DOT APT WBAN# 24292
N 49 43 W 124 54 ELEV 75 FT CYQQ WMO# 72893
PARTS A, C-F
POR FROM HOURLY OBS JAN 54-DEC 63

*Nov 65
CL 8500*

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1. REPORT NUMBER USAFETAC/DS-81/035	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Comox Apt, British Colombia, Canada		5. TYPE OF REPORT & PERIOD COVERED Final rept.
		6. PERFORMING ORG. REPORT NUMBER
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES The following parts are missing from this document: Part A- Atmospheric Phenomena Part B- Precipitation, Snowfall, Snowdepth Part E- Daily Max, Min, and Mean Temp/ Extreme Max and MiniTemp		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures 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 Comox Apt, British Columbia, Canada It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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1 JAN 73

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* British Columbia, Canada
** Comox, Canada
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 occurring tables.

The Period of Record (POR) for Daily Observations is:
JAN 54- DEC 63

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R E V I S E D
 U N I F O R M S U M M A R Y
 O F
 S U R F A C E W E A T H E R O B S E R V A T I O N S

STA NO.	S T A T I O N N A M E	L A T I T U D E	L O N G I T U D E	B A R. E L E V F T.	C A L L S I G N	W M O N O.
24292	COMOX BC DOT API	N 49 43	W 124 54	75	CYCO	72893

P E R I O D O F R E C O R D

FOR HOURLY OBSERVATIONS JAN 54-DEC 63

S U M M A R I E S

- PART A WEATHER CONDITIONS
 ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE
- PART B PRECIPITATION DATA NOT AVAILABLE
 SNOWFALL DATA NOT AVAILABLE
 SNOW DEPTH DATA NOT AVAILABLE
- PART C SURFACE WINDS
- PART D CEILING VERSUS VISIBILITY
 SKYCOVER
- PART E DAILY MAX, MIN, AND MEAN TEMPERATURES DATA NOT AVAILABLE
 EXTREME MAX AND MIN TEMPERATURES DATA NOT AVAILABLE
 PSYCHROMETRIC- DRY VS WET BULB
 MEANS & STD DEV- DRY BULB, WET BULB, AND DEW POINT
 RELATIVE HUMIDITY
- PART F STATION PRESSURE
 SEA LEVEL PRESSURE

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

Revised
UNIFORM SUMMARY
of
SURFACE WEATHER OBSERVATIONS

DESCRIPTION OF SUMMARIES:

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

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

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

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

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A

PART A WEATHER CONDITIONS

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

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

Occurrences of the various phenomena included in each category on the forms are listed below:

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

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

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

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

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WEATHER CONDITIONS

24292 COMOX BC DOI APT 54-63 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		27.3	.1	6.4		32.4	23.0	.2	.2		23.3	7438
FEB			23.8	.0	3.4		26.8	20.2	.3	.1		20.5	6765
MAR		.0	19.4		2.4	.1	21.2	10.4	.4	.0		10.7	7435
APR		.0	15.4		.1	.0	15.5	5.9	.3			6.2	7197
MAY			11.1			.0	11.1	2.7	.3			2.8	7433
JUN		.1	12.4				12.4	2.5	.1			2.6	7191
JUL		.1	6.6				6.6	1.9	.2			2.0	7427
AUG		.1	8.4				8.4	4.0	.2			4.2	7434
SEP		.1	12.9		.0		12.9	13.8	2.9			15.4	7168
OCT		.0	21.4		.1	.0	21.4	23.7	2.5			24.8	7425
NOV			25.1		1.8		26.7	23.9	.4	.1		24.2	7197
DEC			29.4	.2	2.9		31.9	24.9	.2			25.0	7438
TOTALS		.0	17.7	.0	1.4	.0	18.9	13.0	.7	.0		13.4	87548

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WEATHER CONDITIONS

24292 COMGX BC DDT APT 54-63 JAN
 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	00-02		26.3		5.6		30.9	22.5				22.5	930
	03-05		29.4		5.8		33.5	22.6		.2		22.8	930
	06-08		29.4	.1	5.7		33.8	22.6				22.6	930
	09-11		28.0		7.6		34.5	25.7		.1		25.8	930
	12-14		25.4	.1	7.7		32.3	23.7	.1	.3		24.0	930
	15-17		26.3	.3	6.1		31.0	23.5	.6	.3		24.2	929
	18-20		26.6		6.5		31.3	22.9	.5	.3		23.4	930
	21-23		26.9		5.9		32.0	21.0	.2	.3		21.3	929
TOTALS			27.0	.1	6.4		32.4	23.0	.2	.2		23.3	7438

1210 WS FORM 0-10-5 (D-1 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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WEATHER CONDITIONS

24292
STATION

COMOX HC DOT APT
STATION NAME

54-63
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	00-2		25.6		4.3		29.3	22.4	.4			22.7	845
	03-05		23.2		4.5		27.3	20.0	.1			20.1	846
	06-08		24.3		3.7		27.5	19.3		.1		19.4	846
	09-11		22.5		3.0		25.2	21.0	.7	.4		22.0	846
	12-14		21.9	.4	3.2		24.5	20.4	.5			20.5	845
	15-17		23.9		2.6		26.4	19.3	.4			19.6	846
	18-20		24.9		3.1		27.7	19.9	.2	.2		20.4	845
	21-23		23.9		3.2		26.7	19.3	.5	.1		19.4	846
TOTALS			23.8	.0	3.4		26.8	20.2	.3	.1		20.5	6765

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WEATHER CONDITIONS

24292
STATION

COMGX BC DGT API
STATION NAME

54-63
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		19.9		3.4		22.7	7.3				7.3	930
	03-05		22.3		2.2		24.1	8.7	.2			8.9	930
	06-08		18.7		2.2		20.4	13.5	.6	.1		13.8	930
	09-11		17.2		2.5	.1	19.5	13.7	1.1			14.2	930
	12-14		20.0		2.5	.1	21.5	11.5	.9			12.4	930
	15-17	.1	19.3		2.6	.2	21.3	9.5	.4			9.9	928
	18-20		19.0		2.3		20.6	9.1	.2			9.3	927
	21-23		18.5		1.9		19.5	9.7	.1			9.7	930
TOTALS		.0	19.4		2.4	.1	21.2	10.4	.4	.0		10.7	7435

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WEATHER CONDITIONS

24292
 STATION

COMOX BC DOT APT
 STATION NAME

54-63
 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		14.2				14.2	4.0				4.0	900
	03-05		13.9				13.9	6.0				6.0	900
	06-08		14.1		.2		14.4	9.4	.4			9.7	898
	09-11		13.9		.2		14.0	7.7	.3			8.0	900
	12-14	.1	17.6			.1	17.6	5.8	.6			6.3	900
	15-17		19.7			.1	19.7	5.9	.4			6.3	900
	18-20		16.6				16.6	5.2	.6			5.8	899
	21-23		13.4				13.4	3.3	.1			3.4	900
TOTALS		.0	15.4		.1	.0	15.5	5.9	.3			6.2	7197

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WEATHER CONDITIONS

24292
 STATION

COMOX BC DOT APT
 STATION NAME

54-63
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		13.6				13.6	2.7				2.7	927
	03-05		10.9				10.9	2.8				2.8	929
	06-08		10.2				10.2	3.1				3.1	930
	09-11		9.2				9.2	2.8	.3			3.1	930
	12-14		12.3			.1	12.3	2.2	.8			2.7	930
	15-17		10.1				10.1	2.5	.3			2.5	930
	18-20		10.5				10.5	2.4	.5			2.6	929
	21-23		11.7				11.7	2.8	.4			3.0	928
TOTALS			11.1			.0	11.1	2.7	.3			2.8	7433

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WEATHER CONDITIONS

24292 CDMDX BC DOT APT 54-63 JUN

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.2	11.7				11.7	2.7				2.7	900
	03-05		11.6				11.6	3.3	.3			3.7	900
	06-08		9.0				9.0	3.2	.4			3.7	900
	09-11		11.7				11.7	2.4	.2			2.7	900
	12-14	.1	15.1				15.1	1.6				1.6	895
	15-17	.2	13.8				13.8	2.2				2.2	899
	18-20	.2	14.3				14.3	2.1				2.1	897
	21-23	.2	11.9				11.9	2.4				2.4	900
TOTALS		.1	12.4				12.4	2.5	.1			2.6	7191

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WEATHER CONDITIONS

24292

COMOX BC DOT API

54-63

JUL

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.
JUL	00-02		7.1				7.1	1.3				1.3	925
	03-05	.2	6.5				6.5	2.0	.1			2.2	930
	06-08		6.3				6.3	3.3	.3			3.5	927
	09-11		3.9				3.9	1.8	.2			2.0	930
	12-14	.1	7.2				7.2	1.7				1.7	930
	15-17	.1	8.0				8.0	1.7	.3			2.0	929
	18-20	.1	7.2				7.2	1.6	.3			1.9	930
	21-23	.3	6.4				6.4	1.3	.2			1.5	926
TOTALS		.1	6.6				6.6	1.9	.2			2.0	7427

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 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

24292

COMOX BC DOT APT

54-63

AUG

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.
AUG	00-02		5.7				5.7	3.2				3.2	928
	03-05		7.5				7.5	4.2				4.2	930
	06-08		8.7				8.7	5.2				5.2	930
	09-11		9.0				9.0	4.7	.1			4.7	930
	12-14	.1	9.4				9.4	3.8	.3			4.1	930
	15-17	.2	9.9				9.9	3.9	.8			4.6	929
	18-20	.3	8.8				8.8	3.2	.2			3.4	929
	21-23	.3	8.5				8.5	4.0				4.0	928
TOTALS		.1	8.4				8.4	4.0	.2			4.2	7434

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WEATHER CONDITIONS

24292 COMUX BC DOT API 54-63 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		14.4				14.4	12.2	2.6			13.2	895
	03-05		14.5				14.5	15.1	2.9			16.5	899
	06-08	.2	12.8				12.8	21.8	3.3			23.6	900
	09-11	.1	9.7		.1		9.7	16.3	4.5			18.7	898
	12-14	.2	11.2				11.2	10.3	3.9			12.8	892
	15-17	.1	13.8				13.8	10.2	2.2			12.2	892
	18-20		14.1				14.1	11.3	1.7			12.5	896
	21-23		13.2				13.2	12.8	2.2			13.8	896
TOTALS		.1	12.9		.0		12.9	13.8	2.9			15.4	7168

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

WEATHER CONDITIONS

24292 COMGX BC DOT APF 54-63 OCT
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.
OCT	00-02		21.0				21.0	22.9	3.4			24.2	930
	03-05		22.8				22.8	24.4	3.3			26.2	930
	06-08		22.7		.1	.1	22.7	29.8	1.9			30.3	930
	09-11		22.9		.2		22.9	28.8	1.5			29.4	930
	12-14	.1	19.9		.2		19.9	23.5	2.0			25.1	930
	15-17		20.6		.1		20.6	18.3	2.6			19.8	922
	18-20	.1	21.4				21.4	20.1	1.9			21.0	925
	21-23		19.9				19.9	21.3	3.0			22.5	928
TOTALS		.6	21.4		.1	.0	21.4	23.7	2.5			24.8	7425

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

WEATHER CONDITIONS

24292 COMUX BC DOT APT 54-63 NOV
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.
NOV	00-02		23.3		1.9		24.8	21.3				21.3	900
	03-05		23.0		1.7		24.0	20.9				20.9	900
	06-08		24.3		1.0		24.9	24.6				24.6	898
	09-11		23.4		2.2		24.4	28.3	.1			28.3	900
	12-14		27.2		1.7		28.1	25.7	1.1	.3		26.7	900
	15-17		28.1		1.3		28.6	24.2	.9	.3		25.2	900
	18-20		26.0		2.3		27.2	24.2	.6			24.6	900
	21-23		25.8		2.4		27.4	21.9	.4			22.4	899
TOTALS			25.1		1.8		26.2	23.9	.4	.1		24.2	7197

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

WEATHER CONDITIONS

24292 COMOX BC DOT APF 54-63 DEC
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.
DEC	00-02		31.9	.2	2.9		34.2	26.2	.5			26.2	929
	03-05		32.0	.2	2.8		34.6	25.7	.2			25.7	930
	06-08		29.7	.1	2.7		32.2	23.8				23.8	930
	09-11		28.8		2.6		30.9	25.2				25.2	929
	12-14		28.5		2.8		30.6	24.7	.2			24.9	930
	15-17		26.9	.3	3.2		29.4	22.5	.3			22.8	930
	18-20		28.2	.3	3.2		30.8	26.2	.2			26.2	930
	21-23		29.6	.3	3.1		32.7	24.8	.2			24.8	930
TOTALS			29.4	.2	2.9		31.9	24.9	.2			25.0	7438

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

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

PART C

SURFACE WINDS

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

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

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." DATA NOT AVAILABLE

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

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

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

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

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

STATION NO: 24292	STATION NAME: CCMOX B C DOT APT	LATITUDE: N 49 43	LONGITUDE: W 124 54	BAROMETER ELEV FT: 75	CALL SIGN: CYQQ	WMO NO: 72893
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STATION HISTORY AND WIND EQUIPMENT INFORMATION

DATE OF CHANGE	TYPE OF STATION CHANGE	WIND EQUIPMENT LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HEIGHT ABOVE GROUND
1/1/54 thru 12/31/63	Comox BC DOT APT weather station	Airport is located on the strait of Georgia coast 6 miles ENE of Courtenay.	Anemometer	N/A	63FT

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

SURFACE WINDS

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

24292
STATION

LQMQX BC DDT APT
STATION NAME

54-53
YEARS

ALL
MONTH
 ALL
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55	%	MEAN WIND SPEED
DIR													
N	1.0	1.5	1.5	.2	.0	.0						4.3	0.0
NNE	.4	.6	.3	.0								1.2	4.9
NE	.8	1.1	.4	.0								2.3	4.5
ENE	.3	.6	.4	.0	.0							1.3	5.4
E	.7	.8	.6	.1	.0	.0						2.2	5.6
ESE	.4	.6	1.3	1.5	.9	.4	.1	.0	.0			5.2	12.7
SE	1.4	1.9	3.8	5.3	2.9	1.4	.3	.1	.0	.0		17.0	12.6
SSE	.6	.9	1.5	1.3	.3	.1	.0	.0				4.8	9.3
S	1.3	.9	.7	.3	.0	.0	.0					3.2	5.6
SSW	.4	.3	.2	.1	.0	.0						1.1	3.9
SW	1.1	.7	.4	.1	.0							2.2	4.7
WSW	.7	.5	.2	.0	.0							1.5	4.5
W	3.2	1.7	.4	.0								5.3	3.7
WNW	2.8	2.9	1.3	.2	.0	.0	.0					7.3	5.0
NW	3.9	4.3	3.2	1.1	.2	.0	.0	.0				12.8	6.0
NNW	.8	1.5	2.7	1.0	.1	.0						6.1	7.8
VARBL													
CALM												22.3	
	19.7	20.8	18.9	11.4	4.4	2.0	.4	.1	.0	.0		100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

87537

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

SURFACE WINDS

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

24292 CDMX BC OOT APT
 STATION STATION NAME

54-63
 YEARS

JAN
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS 115 T 1

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	54-59	%	MEAN WIND SPEED
DIR.													
N	.6	.5	.1	.0								1.2	4.0
NNE	.1	.1	.0									.2	4.2
NE	.1	.1	.0									.3	3.8
ENE	.2	.0	.1	.1	.0							.4	7.3
E	.3	.3	.2	.1	.0							.9	5.1
ESE	.2	.3	.8	1.2	1.4	.9	.1	.1				5.0	15.8
SE	1.0	1.4	3.4	5.4	4.0	2.2	.5	.3				18.2	14.4
SSE	.6	.8	1.3	1.4	.4	.4	.2	.1				5.1	11.7
S	1.9	1.3	.9	.4	.3	.1	.0					4.7	5.7
SSW	.6	.3	.1	.1	.1							1.2	5.9
SW	1.5	.8	.3	.0								2.6	4.0
WSW	1.0	.5	.1	.0			.0					1.7	4.0
W	4.8	2.4	.5	.1								7.7	3.7
WNW	3.6	3.1	1.8	.4	.0	.3	.0					9.0	5.2
NW	3.5	3.4	2.7	1.1	.1	.0						10.7	6.0
NNW	.4	.4	.5	.2	.0							1.6	6.8
VARBL												29.3	
CALM													
	20.6	15.7	12.9	10.5	6.1	3.6	.8	.4				100.0	6.2
	TOTAL NUMBER OF OBSERVATIONS												7438

ALLIED/EGRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT API STATION NAME 54-63 YEARS FEB MONTH ALL HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.8	1.0	.6	.1	.0							2.6	5.6
NNE	.5	.3	.1									.9	3.9
NE	.7	.5	.1	.0								1.3	4.2
ENE	.3	.2	.1	.0	.0							.5	5.1
E	.7	.7	.4	.2	.1							2.0	5.9
ESE	.3	.5	.9	1.6	1.7	.7	.1	.1	.0			5.8	15.1
SE	1.1	1.7	3.1	7.3	4.8	2.3	.4	.1	.0			20.8	14.3
SSE	.7	.8	1.3	1.5	.2	.1	.0					4.7	9.6
S	1.4	1.0	.8	.3	.0							3.4	5.5
SSW	.5	.5	.3	.0								1.2	5.0
SW	1.5	.8	.4	.1	.0							2.8	4.6
WSW	.9	.4	.2	.0								1.5	4.0
W	3.8	1.8	.2	.0								5.8	3.6
WNW	2.7	1.9	1.4	.6	.1							6.7	5.6
NW	3.7	2.9	2.4	1.3	.4	.0						10.7	6.3
NNW	.7	.8	1.1	.5	.2							3.3	7.8
VARBL												25.9	
CALM												100.0	6.6
	20.0	15.9	13.3	13.6	7.5	3.1	.5	.2	.0				
	TOTAL NUMBER OF OBSERVATIONS											6765	

ALLEN/EGN BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

MAR
MONTH
 ALL
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	56	%	MEAN WIND SPEED
DIR.													
N	1.2	1.4	1.3	.2	.0							4.0	5.7
NNE	.6	.5	.2									1.3	4.2
NE	1.1	1.1	.3	.0								2.5	4.3
ENE	.3	.7	.3	.1								1.3	5.6
E	.6	.9	.8	.2								2.5	5.9
ESE	.3	.4	.8	1.8	1.2	.7	.1	.0				5.5	14.3
SE	1.4	1.7	3.5	6.7	3.7	1.9	.4	.1	.0			19.5	13.5
SSE	.5	1.0	1.7	1.7	.5	.2	.0					5.5	10.2
S	1.4	1.0	1.0	.3	.1							3.9	6.0
SSW	.5	.3	.3	.3	.1	.0						1.4	7.3
SW	1.1	.9	.4	.1	.0							2.6	4.8
WSW	.8	.5	.2	.0								1.5	4.4
W	3.6	1.9	.4	.0								6.0	3.7
WNW	2.3	3.0	1.5	.3	.0							7.1	5.2
NW	3.5	3.0	2.7	1.3	.4	.1	.0					11.1	6.7
NNW	.6	1.0	1.4	.7	.1							3.9	7.7
VARBL												20.6	
CALM												20.6	
	19.9	19.3	16.9	13.6	6.2	2.8	.6	.2	.0			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7431

ALLIED/EGRY BUSINESS SYSTEMS

150024

2

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

SURFACE WINDS

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

24292 COMGX BC DOT APT 54-63 APR
STATION STATION NAME YEARS MONTH
 ALL WEATHER
CLASS
 ALL
HOURS - LST

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	1.0	1.7	1.7	.4	.0	.0						4.9	6.4
NNE	.3	.7	.3									1.3	5.3
NE	.8	1.7	.7	.0								3.2	5.0
ENE	.4	.7	.7	.0								1.8	5.7
E	.7	1.2	1.1	.1								3.1	5.7
ESE	.6	.8	1.7	1.8	.8	.5	.1	.0				6.3	12.0
SE	1.4	1.9	4.4	6.6	2.7	.9	.1	.0				18.1	11.9
SSE	.6	1.1	1.8	2.2	.4	.1						6.2	9.8
S	1.4	1.0	.9	.3	.1	.0						3.8	6.2
SSW	.3	.3	.4	.2	.0							1.3	7.4
SW	1.1	1.0	.6	.2	.0							2.9	5.5
WSW	.5	.6	.4	.2								1.7	6.0
W	3.3	1.8	.5	.1								5.7	3.9
WNW	2.0	2.0	1.0	.2	.0							5.1	5.0
NW	3.4	3.7	3.1	1.2	.1							11.4	6.1
NNW	.8	1.2	2.3	1.2	.2							5.6	8.4
VARBL												17.4	
CALM													
	18.7	21.3	21.6	14.8	4.4	1.5	.3	.0				100.0	6.6
	TOTAL NUMBER OF OBSERVATIONS											7196	

ALLIED/FGW BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMGX BC DOT API
STATION STATION NAME

54-63
YEARS

MAY
MONTH
 ALL
HOURS (LST)

ALL WEATHER
CLASS

LAND USE

ALLIED/EGY BUSINESS SYSTEMS

150324

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-63	%	MEAN WIND SPEED
DIR.													
N	1.0	2.2	2.9	.4								6.4	6.5
NNE	.3	.8	.7	.0								1.9	5.8
NE	1.1	2.0	.8									3.8	4.8
ENE	.4	1.2	.9	.0								2.5	5.7
E	.8	1.2	1.2	.1	.0							3.3	5.8
ESE	.5	.9	1.9	2.2	.3	.0						5.9	10.0
SE	1.0	1.9	4.4	4.3	.9	.3						12.8	10.1
SSE	.6	1.0	1.5	.9	.1	.0						4.1	8.1
S	.8	.7	.5	.3	.0							2.4	6.2
SSW	.3	.3	.4	.2	.1							1.3	7.2
SW	.9	.6	.6	.1								2.2	5.2
WSW	.7	.6	.5	.1	.0							1.9	5.3
W	2.4	1.9	.4	.0								4.7	3.9
WNW	2.4	3.1	1.3	.1		.0						7.0	4.8
NW	4.1	5.6	4.7	1.2	.0	.0						15.6	6.0
NNW	1.0	1.7	4.2	1.4	.1							8.4	7.9
VARBL												15.8	
CALM													
	18.4	25.7	26.8	11.3	1.6	.3						100.0	5.8
	TOTAL NUMBER OF OBSERVATIONS											7433	

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

JUN
MONTH
 ALL
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	MEAN WIND SPEED
DIR													
N	.9	1.9	2.5	.4								5.7	6.5
NNE	.6	.9	.6	.0								2.1	5.2
NE	.9	2.0	.9									3.8	5.1
ENE	.3	.8	.7	.0								1.8	5.7
E	.8	1.1	1.3	.2	.1							3.5	6.3
ESE	.5	1.0	2.5	1.9	.6	.1	.0					6.5	10.0
SE	1.4	2.5	5.0	4.1	1.2	.2		.0				14.3	9.8
SSE	.6	1.0	1.5	1.0	.3							4.3	8.5
S	1.0	.8	.5	.2	.0							2.5	5.4
SSW	.5	.3	.2	.1	.0							1.1	5.5
SW	.9	.7	.6	.1	.0							2.3	5.1
WSW	.7	.7	.4	.0								1.8	4.9
W	2.2	1.4	.5									4.1	4.0
WNW	2.3	3.2	1.2	.1								6.8	4.8
NW	3.7	6.5	4.7	1.1	.1	.0						16.1	6.1
NNW	.8	2.5	4.0	1.7	.2	.0						9.2	8.1
VARBL												13.9	
CALM													
	18.1	27.3	27.0	10.9	2.4	.3	.0	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

7191

ALLIED/BRY BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 COMOX BC DGT APT STATION NAME

54-63 YEARS

JUL MONTH

ALL WEATHER CLASS

ALL HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	54-56	%	MEAN WIND SPEED
DIR.													
N	.9	2.7	3.8	.4	.0							7.7	6.7
NNE	.3	.8	.5	.0								1.6	5.6
NE	.8	1.7	.6									3.2	4.9
ENE	.4	1.2	.6	.0								2.2	5.4
E	.7	1.0	.6	.1								2.4	5.2
ESE	.3	.7	2.4	1.1	.4	.7						4.9	9.6
SE	1.3	1.8	3.8	2.5	.6	.2	.0					10.2	9.2
SSE	.5	.8	1.1	.6	.1							3.1	7.4
S	.7	.5	.4	.2	.0							1.9	5.8
SSW	.3	.2	.1	.1	.0							.7	5.3
SW	.6	.4	.1	.0								1.2	4.2
WSW	.4	.3	.1									.8	4.3
W	1.7	.9	.2									2.9	3.7
WNW	2.7	3.4	1.4	.1								7.6	4.8
NW	5.1	8.0	6.0	1.7	.1							20.8	6.0
NNW	1.1	3.6	7.9	2.8	.3	.0						15.8	8.2
VARBL												13.1	
CALM													
	18.0	28.0	29.7	9.5	1.5	.3	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

7426

2

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

SURFACE WINDS

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

24292 COMOX BC DOT API
STATION STATION NAME

54-63
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR													
N	1.3	2.8	2.9	.3								7.3	6.1
NNE	.5	1.1	.6									2.2	5.2
NE	1.0	2.0	.7									3.6	4.8
ENE	.5	1.1	.7	.0								2.3	5.5
E	.9	1.0	.9	.1								3.0	5.6
ESE	.5	.9	1.6	1.1	.3	.1						4.4	9.0
SE	1.7	2.2	3.6	3.2	.8	.1						11.6	9.0
SSE	.6	.7	.8	.5	.0							2.6	7.0
S	.7	.5	.3	.1	.0							1.7	5.0
SSW	.2	.1	.1									.4	4.6
SW	.5	.1	.1									.7	3.7
WSW	.4	.3	.1									.7	3.9
W	2.5	1.1	.2	.0								3.8	3.5
WNW	3.6	3.2	1.0	.2								7.8	4.3
NW	6.3	6.2	4.3	.6	.0							17.4	5.2
NNW	1.3	2.5	4.9	1.1	.0							9.8	7.3
VARBL													
CALM												20.7	
	22.4	25.8	22.7	7.1	1.1	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

7434

ALLIED/EGW BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

SEP
MONTH
 ALL
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	1.8	2.4	1.7	.1								6.0	5.4
NNE	.7	.8	.2									1.7	4.3
NE	1.7	1.2	.2									3.0	3.9
ENE	.6	.7	.2									1.5	4.5
E	1.1	.8	.3	.1								2.3	4.7
ESE	.4	.5	1.1	1.1	.4	.1	.0	.0				3.9	10.9
SE	1.8	2.4	3.8	3.6	1.5	.6	.1	.0				13.9	10.4
SSE	.7	.7	1.3	.8	.1	.0						3.6	8.0
S	1.1	.4	.2	.1	.0							1.8	4.5
SSW	.3	.1	.1	.0								.4	4.8
SW	.6	.3	.1	.0								1.0	4.0
WSW	.4	.2	.1									.7	3.7
W	2.4	1.3	.3									3.9	3.7
WNW	3.6	3.5	1.4	.2	.0							8.7	4.7
NW	4.3	4.2	3.0	1.0	.2	.0						12.7	5.8
NNW	.8	2.4	3.5	1.4	.1	.0						8.2	7.8
VARBL												26.5	
CALM													
	22.2	22.0	17.4	8.6	2.4	.8	.2	.0				100.0	5.0
TOTAL NUMBER OF OBSERVATIONS												7168	

ALLIED/EGRY BUSINESS SYSTEMS

150024

2

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

SURFACE WINDS

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

24292
STATION

COMOX BC DOT APT
STATION NAME

54-63
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
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	1.3	1.1	.7	.2								3.2	4.9
NNE	.5	.4	.1									1.0	3.6
NE	1.2	.6	.1									1.9	3.6
ENE	.4	.4	.1									.8	4.0
E	.5	.6	.4	.0	.0	.0						1.6	5.4
ESE	.5	.5	.7	1.3	.9	.6	.2	.0				4.6	13.7
SE	1.6	2.0	4.8	6.7	4.2	1.8	.2	.0				21.5	12.8
SSE	.8	1.1	1.8	1.7	.2	.1						5.7	9.0
S	1.1	1.2	.6	.2	.0							3.0	5.2
SSW	.4	.2	.2	.0								.8	5.2
SW	1.0	.4	.3	.1								1.8	4.6
WSW	.8	.4	.1	.0								1.4	4.0
W	3.1	1.5	.4									5.0	3.7
WNW	2.6	2.9	1.0	.3								6.8	4.8
NW	3.7	3.3	1.9	.6	.1							9.6	5.3
NNW	.8	1.1	1.3	.3	.1							3.6	6.6
VARBL												27.9	
CALM													
	20.1	17.7	14.5	11.4	5.5	2.5	.4	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

7419

ALLIED/EGW BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 — CDMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

NOV
MONTH
 ALL
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.7	.5	.1	.1								1.4	4.4
NNE	.2	.2	.0									.4	3.7
NE	.6	.3	.1									1.0	3.6
ENE	.2	.1		.0								.3	3.8
E	.7	.4	.2	.0								1.3	4.5
ESE	.3	.4	.6	1.6	1.3	.5	.1	.0	.0	.0		4.8	14.6
SE	1.5	1.5	3.3	6.6	4.5	2.6	.7	.2	.0	.0		21.1	14.6
SSE	.8	1.0	1.9	1.9	.4	.1						6.2	9.5
S	1.7	1.4	1.2	.2								4.5	5.3
SSW	.5	.5	.4	.1								1.6	5.7
SW	1.3	1.1	.3	.0								2.8	4.2
WSW	.9	.6	.3	.0								1.9	4.4
W	4.1	1.9	.4	.0								6.4	3.6
WNW	2.5	2.8	1.4	.5	.1	.0	.0					7.4	5.7
NW	2.4	2.2	1.8	1.4	.5	.1						8.3	7.3
NNW	.6	.6	.5	.3	.1	.0						2.1	7.2
VARBL												28.7	
CALM													
	19.0	15.4	12.6	12.9	6.9	3.3	.9	.3	.0	.0		100.0	6.5
	TOTAL NUMBER OF OBSERVATIONS											7197	

2

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

SURFACE WINDS

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

24292 STATION CDMX BC DOT APT STATION NAME 54-63 YEARS ALL WEATHER CLASS DEC MONTH ALL HOURS (LST) CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.4	.3	.1									.6	4.2
NNE	.1	.0	.0									.1	3.3
NE	.2	.1	.0									.3	3.6
ENE	.1	.1	.1									.3	4.8
E	.3	.2	.1	.0	.0							.7	5.1
ESE	.3	.3	.3	1.3	1.6	1.2	.2	.3	.0			5.2	17.1
SE	1.1	1.5	2.7	7.1	5.7	3.7	.6	.1	.0			22.6	15.5
SSE	.6	1.0	2.0	2.0	.4	.1	.0					6.1	10.2
S	1.9	1.5	.9	.3	.0		.0					4.7	5.3
SSW	.6	.5	.3	.1								1.5	4.9
SW	1.6	.9	.5	.1								3.1	4.6
WSW	1.4	.7	.2	.0								2.4	4.0
W	4.5	2.1	.4	.0								7.0	3.6
WNW	3.1	2.9	1.3	.3	.0							7.6	4.9
NW	2.8	2.9	1.5	.9	.1							8.2	5.7
NNW	.5	.5	.3	.2	.0							1.5	6.0
VARBL												27.9	
CALM													
	19.5	15.5	10.8	12.4	7.9	5.0	.8	.2	.0			100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7439

150524 ALLIED-BARRY BUSINESS SYSTEMS

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

SURFACE WINDS

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

24292 COMQX BC DDT API
STATION STATION NAME

54-53

YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55	%	MEAN WIND SPEED
DIR.													
N	.1											.1	3.0
NNE													
NE													
ENE	.1											.1	3.0
E	.1											.1	3.0
ESE		.2	.5	.4	1.4	.5	.1	.1				3.3	17.0
SE	.5	.9	2.9	6.1	3.5	1.9	1.1	.5				17.4	15.6
SSE	.4	.4	1.3	1.2	.8	.4	.3	.2				5.1	14.0
S	1.8	.9	.6	.2		.3						3.9	6.3
SSW	.6	.4	.2	.2								1.5	5.7
SW	1.6	.8	.1									2.5	3.4
WSW	1.7	.8	.1									2.6	3.6
W	7.0	2.9	.8	.1								10.8	3.8
WNW	3.5	4.4	2.4	.6								11.0	5.4
NW	2.2	2.9	2.2	1.1	.2	.1						8.6	6.8
NNW	.3	.2	.1	.1								.8	5.6
VARBL												32.4	
CALM													
	23.1	14.7	11.2	10.1	5.9	3.3	1.4	.9				100.0	6.1
	TOTAL NUMBER OF OBSERVATIONS												930

2

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

SURFACE WINDS

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

24292 COMDX BC DOI APT
STATION STATION NAME

54-63
YEARS

JAN
MONTH
 0300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.1											.1	3.0
NNE												.1	3.0
NE	.1			.1								.1	13.0
ENE												.8	4.7
E	.1	.5	.1									3.7	18.5
ESE		.1	1.0	.2	.9	1.1	.3	.1				16.2	16.2
SE	.6	.8	1.8	6.0	2.7	3.3	.8	.2				4.8	12.8
SSE	.1	1.0	1.2	1.6	.2	.4	.2	.1				4.8	6.9
S	1.6	1.0	1.3	.9		.1						1.3	4.9
S.W	.6	.4	.1	.1								2.3	5.0
SW	.8	.9	.6									2.0	5.3
W.W	1.2	.5	.2				.1					9.8	3.7
W	3.9	3.4	.4				.1					12.0	5.9
WNW	3.2	5.2	3.1	.2	.1	.1	.1					10.2	5.6
W.N	4.1	2.4	3.0	.8								.5	9.0
N.NW		.1	.3	.1									
WNW												31.2	
ALL	18.5	16.2	13.2	10.0	3.9	5.1	1.5	.4				100.0	6.3
TOTAL NUMBER OF OBSERVATIONS												930	

ALLIED-BUSINESS SYSTEMS

150524

2
 DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

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

24292 -- COMOX BC DQT APT
 STATION STATION NAME

54-63

YEARS

JAN

ALL WEATHER
 CLASS

0600-0800

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-63	64-73	74-83	84-93	94-100	MEAN WIND SPEED
DIR.																
N	.1															.1 2.0
NNE																
NE																
ENE																
E	.1		.1													.2 6.0
ESE	.1	.1	.4	1.3	1.5	1.3	.3	.2								5.3 18.4
SE		.5	3.7	4.0	3.4	2.4	.6	.2								14.8 15.7
SSE	.1	1.2	1.3	1.1	.2	.6	.1	.2								4.8 12.6
S	2.0	1.3	1.0	.1												4.4 4.8
SSW	.6	.4	.1													1.2 4.5
SW	2.5	.8	.1	.2												3.5 4.2
WSW	1.0	.5	.1													1.6 3.7
W	5.5	2.4	.8	.2												8.8 3.8
WNW	6.2	4.9	2.8	.2	.1											14.3 4.8
NW	3.8	3.4	2.2	.8	.2											10.3 5.6
NNW		.1	.4													.5 7.6
VARBL																
CALM																30.0
	22.0	15.7	12.9	7.8	5.5	4.3	1.1	.6								100.0 6.0
	TOTAL NUMBER OF OBSERVATIONS														930	

2

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

SURFACE WINDS

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

24292 COMOX AC DOT APT
STATION STATION NAME

54-63
YEARS

JAN
MONTH
 0900-1100
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (K ^M / H)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
DIR.													
N	.5	.5										1.1	3.5
NNE	.1		.1									.2	6.0
NE		.1										.1	5.0
ENE	.1	.1										.2	3.5
E	.4	.2	.2	.1								1.0	5.6
ESE	.2		.6	1.5	1.8	1.0	.3	.2				5.7	17.4
SE	.8	.9	2.4	4.7	4.1	2.2	.2	.2				15.4	15.0
SSE	.6	.5	2.0	1.1	.9	.5	.2					5.9	12.2
S	2.2	1.1	1.1	.5								4.8	5.3
SSW	.6	.4	.1									1.2	3.9
SW	2.5	1.2	.4									4.1	3.7
WSW	.5	.3										.9	3.8
W	4.4	2.0	1.0									7.4	4.0
WNW	4.0	3.5	2.4	.6								10.5	5.4
NW	3.8	4.8	2.7	1.1	.1							12.5	5.7
NNW	.2	.3	.8	.1								1.4	6.8
VARBL													
CALM												27.6	
	21.0	16.1	13.8	9.8	6.9	3.7	.8	.4				100.0	6.3
TOTAL NUMBER OF OBSERVATIONS												930	

ALLIED/EGRY BUSINESS SYSTEMS

130524

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

SURFACE WINDS

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

24292
 STATION

COMOX BC DDT APT
 STATION NAME

54-63
 YEARS

JAN
 MONTH

1200-1400
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED KNTS)	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 54	56	%	MEAN WIND SPEED
DIR.													
N	1.6	1.8	.3	.1								3.9	4.3
NNE	.5	.4										1.0	3.6
NE	.6	.5	.2									1.4	4.0
ENE	.9	.2	.3	.1								1.5	4.9
E	.8	1.1	.5									2.4	4.7
ESE	.4	1.2	1.1	1.8	1.5	.3	.1					6.5	12.5
SE	2.2	2.9	3.4	6.5	5.1	1.9	.2	.4				22.6	13.2
SSE	.8	.9	1.0	1.8	.3	.4	.2					5.4	11.4
S	2.4	1.4	1.0	.3	.1							5.2	5.4
SSW	.2	.1	.2	.3	.1							1.0	9.2
SW	.8	.4	.1									1.3	4.2
WSW	.5	.4										1.0	3.3
W	1.4	.8										2.2	3.2
WNW	3.3	1.3	.9	.6								6.1	4.9
NW	4.2	4.2	3.4	2.3	.1							14.2	6.5
NNW	1.1	1.7	1.2	.4	.1							4.5	6.4
VARBL												20.1	
CALM													
	21.6	19.4	13.7	14.3	7.3	2.7	.5	.4				100.0	6.9
	TOTAL NUMBER OF OBSERVATIONS											930	

ALLIED/BRY BUSINESS SYSTEMS

190524

2

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT API STATION NAME 54-63 YEARS JAN MONTH 1500-1700 HOURS (LST)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	2.2	1.0	.3									3.4	3.6
NNE	.3	.1	.1									.5	5.0
NE	.3	.1										.4	3.3
ENE	.1		.2	.1	.1							.5	9.6
E	.5	.6	.1	.1								1.4	5.1
ESE	.8	.5	1.2	1.5	1.1	1.1						6.1	13.2
SE	2.3	1.9	5.7	6.7	4.4	1.8	.4	.3				23.6	12.8
SSE	1.2	.5	1.0	1.6	.1	.2	.1					4.7	9.7
S	1.8	1.9	.3	.4	.1							4.6	5.1
SSW	.5		.1	.2	.2							1.1	8.6
SW	1.2	.4	.3									1.9	4.2
WSW	.9	.3	.1									1.3	3.3
W	2.4	1.6	.1									4.1	3.5
WNW	2.2	1.2	.2	.5								4.1	5.0
NW	4.3	3.6	2.5	.6	.2							11.2	5.5
NNW	1.4	.9	1.1	.4	.1							3.9	6.5
VARBL													
CALM												27.0	
	22.3	14.7	13.3	12.3	6.4	3.1	.5	.3				100.0	6.2
TOTAL NUMBER OF OBSERVATIONS												929	

ALLIED/BORG BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63

YEARS

JAN

ALL WEATHER
CLASS

1954-1955

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48		
DIR												
N		.2		.1							.3	7.3
NNE	.1										.1	2.7
NE												
ENE				.3							.3	13.7
E	.3	.1	.2	.1							.8	6.6
ESE	.2	.3	1.0	1.8	1.5	.9					5.7	14.8
SE	1.0	1.8	4.2	4.5	4.0	1.8	.4	.1			17.8	13.7
SSE	.9	1.2	1.4	1.3	.2	.3	.1				5.4	9.8
S	2.2	1.3	.5	.2			.1				4.3	5.1
SSW	.8	.2	.3	.2	.1						1.6	6.3
SW	1.9	.9	.5								3.3	3.9
WSW	1.1	.8	.1								1.9	3.9
W	5.1	3.1	.5								8.6	3.7
WNW	3.2	2.4	1.1								6.7	4.4
NW	3.4	2.2	2.3	1.2	.1						9.1	6.2
NNW	.3		.2	.3	.1						1.0	9.0
VARBL											33.0	
CALM												
	20.4	14.3	12.4	10.1	6.0	3.0	.6	.1			100.0	5.7
	TOTAL NUMBER OF OBSERVATIONS										930	

ALLIED/BURT BUSINESS SYSTEMS

15024

2
 DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

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

24292
STATION

COMOX BC DOT APT
STATION NAM

54-63
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	.2	.1										.3	3.3
NNE													
NE													
ENE	.1		.1		.1							.3	10.0
E	.2	.1		.1								.4	5.3
ESE	.1	.3	.3	.9	1.2	1.1						3.9	17.2
SE	.6	1.7	3.3	4.8	4.8	2.2	.2					17.8	14.1
SSE	.4	.6	1.3	1.7	.6	.2						5.0	11.1
S	1.5	1.8	1.5	.9	.1	.1						5.9	6.8
SSW	.5	.3			.1							1.0	4.9
SW	1.2	.8	.3									2.3	4.2
WSW	1.2	.5	.2	.1								2.0	4.3
W	7.1	2.8	.3	.1								10.3	3.4
WNW	3.1	1.6	1.9	.3								7.0	5.1
NW	1.9	3.6	3.6	.8								9.8	6.3
NNW	.2	.2		.1								.5	6.2
VARBL													
CALM												33.5	
	18.5	14.5	12.9	9.8	7.0	3.6	.2					100.0	5.8
	TOTAL NUMBER OF OBSERVATIONS												929

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT

54-63

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200
 HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.1											.1	3.0
NNE	.1											.1	2.0
NE	.1											.1	3.0
ENE													
E	.4	.2	.4	.4								1.3	7.7
ESE	.1	.7	.6	1.2	1.3	.8	.1	.1				5.0	15.3
SE	.4	1.1	2.6	6.2	5.4	2.2	.1	.4				18.3	15.7
SSE	.7	.5	.5	2.1		.1						3.9	10.5
S	1.3	.4	1.4	.4								3.4	6.2
SSW	.8	.8	.2									1.9	4.4
SW	2.6	.6	.1									3.3	3.3
WSW	.9	.2	.2									1.4	4.0
W	7.3	3.2	.2	.1								10.9	3.4
WNW	3.6	2.7	2.8	.8	.1							10.1	5.9
NW	3.0	3.1	2.1	.8	.1							9.1	5.9
NNW	.4	.2	.4	.2								1.2	7.0
VARBL													
CALM												29.8	
	21.8	13.7	11.6	12.2	7.0	3.2	.2	.5				100.0	6.2
	TOTAL NUMBER OF OBSERVATIONS											845	

ALLIED/BRY BUSINESS SYSTEMS

150024

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

SURFACE WINDS

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

24292 COMOX BC DQT APT
STATION STATION NAME

54-63
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	54	%	MEAN WIND SPEED
N			.2									.2	9.5
NNE													
NE				.1								.1	11.0
ENE				.1								.1	13.0
E	.4	.2	.5	.1	.2							1.4	8.1
ESE	.2	.2	.5	1.5	1.1	.2						4.0	15.1
SE	.6	1.2	2.4	7.0	5.1	2.5	.1	.1				19.1	15.4
SSE	.4	.8	1.1	.9	.4	.1	.4		.1			3.7	9.9
S	1.5	1.2	.5	.1								3.3	4.6
SSW	.1	.5	.1									.7	5.0
SW	2.0	1.2	.5	.1								3.8	4.5
WSW	.6	.4	.1	.1								1.2	4.7
W	5.6	2.0	.2									7.8	3.3
WNW	4.0	3.1	2.1	1								10.8	5.9
NW	4.3	2.6	3.1	.6	.2	.1						10.9	5.8
NNW			.2	.1	.1							.5	14.0
VARBL													
CALM												32.4	
	19.6	13.4	11.5	12.4	7.1	3.0	.5	.1	.1			100.0	6.1
	TOTAL NUMBER OF OBSERVATIONS											846	

ALLIED/BGY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

STATION 24292 STATION NAME COMOX BC DOT APT YEARS 54-63 MONTH FEB
 CLASS ALL WEATHER HOURS (LST) 0600-0800
 CONDITION _____

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	.1	.2										.4	4.0
NNE												.1	7.0
NE			.1									.1	17.0
ENE					.1							.5	4.3
E	.1	.4										5.1	14.0
ESE	.2	.6	1.2	1.1	1.4	.6						18.2	14.6
SE	.9	.8	2.7	7.2	4.0	2.2	.2					4.0	10.4
SSE	.4	.5	1.7	1.2	.1	.1	.1					2.7	4.6
S	.7	1.8	.2									1.5	4.2
SSW	.8	.5	.2									3.1	4.0
SW	1.7	.9	.5									2.4	3.9
WSW	1.2	.9	.2									8.5	3.4
W	5.9	2.5	.1									11.6	5.6
WNW	4.3	3.7	2.5	1.1	.1							9.7	6.0
NW	3.7	2.7	2.1	.7	.5							.9	7.8
NNW	.1	.2	.5	.1									
VARBL												31.2	
CALM													
	20.1	15.7	12.1	11.3	6.3	3.0	.4					100.0	5.8
TOTAL NUMBER OF OBSERVATIONS												846	

ALLIED/EGN BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

FEB
MONTH
 0900-1100
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	1.1	1.4	.2		.2							3.0	5.3
NNE	.2	.4	.1									.7	4.5
NE	.6	.7										1.3	4.1
ENE	.1	.2										.4	3.7
E	.6	.2	.5	.2	.1							1.7	7.1
ESE	.5	.4	1.2	.9	1.7	.2						4.8	13.5
SE	1.2	1.4	3.5	7.4	5.2	2.4	.5	.1				21.7	14.3
SSE	.8	.7	1.5	1.4	.5							5.0	9.3
S	1.5	1.3	.7	.4								3.9	5.5
SSW	.4	.1	.2									.7	5.5
SW	.7	.5	.4		.1							1.7	5.4
WSW	1.1		.2									1.3	3.7
W	2.4	1.9	.6									4.8	4.1
WNW	3.5	1.5	.9	.4	.1							6.5	4.8
NW	3.9	4.1	3.0	1.7	.4							13.0	6.4
NNW	.7	1.4	1.3	.7	.2							4.4	7.9
VARBL													
CALM												25.2	
	19.3	16.3	14.4	13.1	8.5	2.6	.5	.1				100.0	6.7
	TOTAL NUMBER OF OBSERVATIONS												346

150024 ALLIED/FERRY BUSINESS SYSTEMS

2

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

SURFACE WINDS

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

STATION 24292 STATION NAME COMOX BC DOT APT YEARS 54-63 FEET MONTH 1200-1400
HOURS (LST)
 CLASS ALL WEATHER
 CONDITION _____

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR.													
N	2.0	4.1	2.8	.7								9.7	5.9
NNE	2.2	1.5	.4									4.1	3.9
NE	2.5	1.8	.6									4.9	4.0
ENE	1.1	.5	.4									1.9	4.4
E	1.9	3.0	.9	.2	.1							6.2	5.3
ESE	.4	.9	1.3	2.4	2.1	1.2						8.3	14.1
SE	.8	1.5	4.1	9.5	4.9	2.4	.2	.1				23.6	14.0
SSE	.4	1.5	1.9	1.8	.1	.4						6.0	9.9
S	.7	.7	.7		.1							2.2	6.2
SSW	.1		.2	.1	.1							.5	8.5
SW			.4	.1	.1							.6	12.2
WSW	.2	.2										.5	3.5
W	.9											.9	2.6
WNW	.5	.5	.1	.1	.4							1.5	8.3
NW	2.6	2.8	2.2	1.8	.5							9.9	7.4
NNW	1.5	1.8	3.3	1.3	.7							8.6	8.3
VARBL													
CALM												10.5	
	17.9	20.9	19.4	18.0	9.0	3.9	.2	.1				100.0	8.3
	TOTAL NUMBER OF OBSERVATIONS											845	

ALLIED/BRY BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292
 STATION

LDMQX BC D01 APT
 (STATION NAME)

54-63
 YEARS

FEB
 MONTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (LST)

SPEED (KNTS)	1	3	4	6	7	10	11	16	17	21	22	27	28	31	34	40	41	47	48	51	56	%	MEAN WIND SPEED		
DIR.																									
N		2.2		2.2		1.2		.2															5.9	4.9	
NNE		1.3		.5		.1																	1.9	3.3	
NE		1.5		1.4		.2																	3.2	3.9	
ENE		.7		.6																			1.3	3.8	
E		1.5		1.5		.4		.4															3.8	5.0	
ESE		.2		.6		1.2		2.5		2.5		.8		.4									8.2	15.4	
SE		2.5		2.8		5.0		7.6		5.7		1.3		.4		.1							25.3	12.6	
SSE		.8		1.4		.9		1.3		.1				.2									4.8	9.1	
S		1.8		.6		.9		.5															3.8	5.8	
SSW		.2		.1		.5																	.8	6.9	
SW		.9		.5				.2															1.7	4.9	
WSW		.6				.1																	.7	3.5	
W		.8		.5		.1		.1															1.5	4.8	
WNW		.5		.8		.5		.1															1.9	5.6	
NW		2.8		2.6		2.0		.9		.7													9.1	6.7	
NNW		2.1		2.2		2.6		1.3		.1													8.4	7.0	
VARBL																									
CALM																							17.7		
		20.7		18.4		15.7		15.1		9.1		2.1		.9		.1							100.0	7.4	
		TOTAL NUMBER OF OBSERVATIONS																					846		

ALLIED/BRT BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT 54-63 FEB 1900-2000
STATION STATION NAME YEARS MONTH HOURS (LST)
 ALL WEATHER
CLASS
 CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	.4	.4	.2	.1								1.1	6.1
NNE			.1									.1	7.0
NE	.2	.2		.1								.6	5.8
ENE	.1			.1								.2	8.5
E	.2	.2	.2		.1							.8	6.4
ESE	.2	.5	.7	2.0	2.1	.9		.1				6.6	15.6
SE	1.3	2.8	2.8	6.7	3.9	2.4	.6					20.6	13.7
SSE	.9	.7	1.2	2.0	.2	.1						5.2	9.3
S	2.1	.9	.9	.6								4.6	5.4
SSW	.6	.9	.1									1.7	4.2
SW	2.1	1.4	.8									4.4	4.5
WSW	1.4	.7	.1	.1								2.4	4.1
W	3.0	1.7	.2	.1								5.0	3.9
WNW	2.2	1.2	.8	.2								4.5	4.7
NW	4.4	2.4	2.0	1.8	.2	.1						10.9	6.3
NNW	.1	.4	.6	.4	.1							1.5	9.1
VARBL												29.8	
CALM													
	19.4	14.4	11.0	14.3	6.7	3.6	.6	.1				100.0	6.4
	TOTAL NUMBER OF OBSERVATIONS												845

150524 ALLIED/BENT BUSINESS SYSTEMS

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

SURFACE WINDS

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

24292 STATION CDMOX BC DOT APT STATION NAME

54-63 YEARS

FEB MONTH

ALL WEATHER CLASS

2100-2300 HOURS (LST)

CONDITION

ALLIANCE BUSINESS SYSTEMS

150524

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-63	64-70	MEAN WIND SPEED
DIR.													
N	.1		.1	.1									.4 8.3
NNE		.1	.1										.2 7.0
NE	.2		.1										.4 4.7
ENE		.1	.1										.2 6.5
E	.4		.1										.5 4.3
ESE	.1	.1	.2	1.2	1.4	.6	.2	.2	.1				4.3 18.8
SE	1.3	2.1	1.5	6.6	4.4	2.8	.6	.1					19.5 14.8
SSE	.9	.6	1.7	1.5		.1							4.8 8.9
S	1.2	1.1	.8	.2	.1								3.4 6.0
SSW	.7	.7	.4	.1									1.9 5.1
SW	2.0	1.2	.6	.2									4.0 4.8
WSW	1.3	.5	.4										2.1 4.3
W	4.4	2.4	.2										7.0 3.4
WNW	3.1	2.0	1.4										7.1 5.3
N.W	5.1	3.0	2.8	1.8	.2								12.9 6.2
NN.W	.4	.2	.2										.8 5.0
VARBL													30.5
CALM													100.0 6.2
	21.2	14.1	10.9	12.4	6.1	3.5	.8	.4	.1				
	TOTAL NUMBER OF OBSERVATIONS												846

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-61	62-69	%	WIND SPEED
DIR.														
N	.3	.2	.1										.6	4.2
NNE													.1	3.0
NE	.1												.5	8.8
ENE		.2	.2	.1									.6	7.5
E	.2	.1	.1	.2									.6	7.5
ESE	.1	.2	.4	1.0	.6	1.1	.3						3.8	17.6
SE	1.3	.5	2.0	5.4	3.2	1.3	.2	.1					14.1	13.9
SSE	.3	.5	2.2	.6	.6	.1							4.4	9.9
S	1.8	1.8	1.1	.1									4.8	4.9
SSW	.3		.2	.1									.6	6.3
SW	2.0	1.0	.2	.1									3.3	3.9
WSW	1.0	1.2	.1	.1									2.4	4.4
W	5.3	3.1	.6										9.0	3.7
WNW	3.9	5.4	2.5	.1									11.8	4.9
NW	4.3	3.8	3.0	1.3	.5								12.9	6.3
NNW	.5	.2	.2										1.0	4.1
VARBL														
CALM													29.9	
	21.5	18.3	13.0	9.1	5.1	2.5	.5	.1					100.0	5.5
	TOTAL NUMBER OF OBSERVATIONS												930	

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT STATION NAME

54-63 YEARS

MAX MONTH 0300-0500 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.4				.1							.5	5.6
NNE	.1											.1	2.0
NE	.1			.1								.2	7.0
ENE			.2									.2	9.0
E	.1											.1	2.0
ESE	.1	.2	.1	1.1	.6	.5	.2					2.9	16.6
SE	.8	1.3	1.6	5.1	2.8	1.8	.2	.2	.1			13.9	14.8
SSE	.1	1.1	1.2	1.7	.3							4.4	9.7
S	1.7	1.0	.9	.2	.1							3.9	5.3
SSW	.6	.5		.1	.2							1.5	6.7
SW	1.5	1.3	.3									3.1	4.0
WSW	1.5	.4	.3									2.3	3.8
W	5.8	2.7	.6									9.1	3.7
WNW	5.6	4.3	1.8									11.7	4.4
NW	4.6	4.2	3.4	1.6	.2							14.1	6.2
NNW	.3	.2	.1									.6	5.0
VARBL												31.3	
CALM												100.0	5.3
	23.4	17.2	10.5	10.0	4.4	2.4	.4	.2	.1				
	TOTAL NUMBER OF OBSERVATIONS											930	

ALLIED/BERRY BUSINESS SYSTEMS

15052A

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

SURFACE WINDS

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

24292 CDMOX BC DOT API
STATION STATION NAME

54-63
YEARS

MAR
MONTH
 0600-0800
HOURS - LST

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.0											.9	2.8
NNE	.3	.2	.1									.6	3.5
NE	.1											.1	3.0
ENE	.2	.2	.2									.6	5.2
E		.1	.3	.1								.5	8.8
ESE		.1	.2	.9	1.1	.4						2.7	16.4
SE	1.6	.6	1.7	4.2	3.3	1.4	.5	.1				13.5	14.4
SSE	.5	1.4	1.1	1.6	.2							4.8	8.8
S	2.4	1.6	.6									4.6	4.3
SSW	.8	.6	.2	.1								1.7	5.1
SW	1.3	.6	.3									2.3	4.2
WSW	1.3	.8	.4									2.5	4.3
W	7.1	3.7	.5									11.3	3.6
WNW	4.2	4.5	1.4	.9								11.0	5.0
NW	5.6	4.5	.9	.6	.3	.1						12.0	5.0
NNW	.2	.1	.2		.1							.6	6.7
VARBL													
CALM												30.1	
	26.5	19.1	8.3	8.4	5.1	1.9	.5	.1				100.0	5.0
	TOTAL NUMBER OF OBSERVATIONS												930

ALLIED/BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMUX BC DOT APT
STATION STATION NAME

54-63
YEARS

MAR
MONTH
 0900-1100
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	2.0	3.2	2.8	.3								8.4	5.6
NNE	.6	1.0	.1									1.7	4.1
NE	2.0	.8	.4									3.2	3.9
ENE	.4	1.0	.3									1.7	5.3
E	1.2	1.7	.9	.3								4.1	5.4
ESE	.4	.8	.8	1.9	1.5	.2						5.6	12.5
SE	1.6	2.2	4.2	6.3	5.3	2.3	.4	.1				22.4	13.5
SSE	.6	.8	2.2	2.0	.4	.1						6.1	10.1
S	.4	.4	1.1	.3								2.3	7.4
SSW	.8	.1	.1	.3	.4							1.4	7.9
SW	.3	.4	.2	.1								1.1	5.8
WSW	.4	.1										.5	2.8
W	1.2	1.1										2.3	3.8
WNW	.8	1.2	1.8	.2	.1							4.1	6.8
NW	4.5	3.1	3.4	1.6	.4	.1	.2					13.4	7.0
NNW	1.2	2.5	3.8	1.3	.1							8.8	7.6
VARBL													
CALM												12.9	
	18.6	20.2	22.0	14.5	8.3	2.7	.6	.1				100.0	7.7
	TOTAL NUMBER OF OBSERVATIONS											930	

ALTIUD/EBRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63

YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	56	%	MEAN WIND SPEED
DIR.													
N	1.7	3.4	4.8	1.7								11.0	6.7
NNE	1.3	1.3	1.2									3.8	5.0
NE	2.9	5.0	1.6									9.5	4.8
ENE	.4	2.2	1.2									3.8	5.6
E	.9	2.8	2.9	.2								6.8	6.3
ESE	.5	.8	2.6	4.1	2.2	.8						10.9	12.9
SE	.5	1.7	3.9	12.2	5.0	2.3	.6	.1				26.3	14.2
SSE	.4	.8	1.2	1.6	.6	.3						5.0	11.4
S	.2	.3	.5	.6	.3							2.0	10.7
SSW			.3	.3								.6	11.3
SW	.1	.3	.1	.4	.2							1.2	10.5
WSW	.1			.1								.2	7.0
W	.3	.3	.1									.8	3.9
WNW	.5	.2	.3	.2	.1							1.4	7.1
NW	.3	.8	2.4	1.1	.4	.3						5.3	10.3
NNW	.5	1.6	4.1	1.6	.1							8.0	8.5
VARBL													
CALM												3.7	
	10.9	21.4	27.2	23.5	8.9	3.7	.6	.1				100.0	9.5
	TOTAL NUMBER OF OBSERVATIONS												929

ALLIED-BRY BUSINESS SYSTEMS

150024

2

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

SURFACE WINDS

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

24292
STATION

COMOX BC DOT APT
STATION NAME

54-63
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	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	3.5	2.2	.4								8.2	5.5
NNE	1.6	1.3	.1									3.0	3.6
NE	2.5	2.7	.2									5.4	3.9
ENE	.8	1.7	.2	.1								2.8	4.7
E	1.8	2.0	1.6	.2								5.7	5.3
ESE	.9	1.0	1.5	3.0	1.8	.2						8.4	12.0
SE	1.5	3.0	6.5	9.8	4.2	1.6	.5	.1				27.3	12.6
SSE	1.1	.8	2.2	2.5	.5	.3						7.3	10.2
S	.1	.8	1.6	1.1								3.6	8.8
SSW	.1	.1	.4	1.0		.1						1.7	11.4
SW	.2	.5	.4									1.2	5.4
WSW		.1	.3									.4	7.5
W	.4	.2	.2	.1								1.0	5.2
WNW	.2	1.0	.2	.2								1.6	6.3
NW	1.7	1.7	3.0	1.7	.8	.1						9.1	8.5
N-NW	1.3	1.7	2.0	1.5	.3							6.9	7.8
VARBL												6.4	
CALM													
	16.4	22.1	22.8	21.7	7.7	2.4	.5	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

927

ALLIED/BGR BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT APT STATION NAME

54-63 YEARS

MAR MONTH
 1800-2000 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48	WIND SPEED	WIND SPEED
DIR.												
N	1.0	.6	.2								1.0	3.8
NNE	.4	.1									.5	3.2
NE	.8	.1									.9	2.5
ENE	.4			.1							.5	4.8
E	.6		.3	.1							1.1	5.3
ESE	.1	.3	.9	1.5	1.2	.9	.3				5.2	15.6
SE	2.7	2.8	4.1	5.8	3.1	2.1	.3	.1			21.1	12.2
SSE	.8	1.5	2.4	1.9	.5		.1				7.2	9.7
S	2.8	1.4	1.6	.3							6.2	5.2
SSW	1.0	.2	.8	.3							2.3	6.4
SW	1.8	1.9	.9								4.6	4.5
WSW	.3	.5	.2								1.1	5.3
W	3.0	1.8	.5								5.4	3.9
WNW	.8	2.4	1.1	.4							4.6	6.1
NW	3.9	3.0	2.4	1.0	.2						10.5	5.9
NNW	.5	1.2	.6	.6	.4						3.5	8.4
VARBL												
CALM											23.5	
	21.0	18.0	16.0	12.2	5.5	2.9	.8	.1			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 926

ALLIED/BRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 CUMOX BC DOT API
STATION STATION NAME

54-63
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	.9											.9	2.5
NNE	.2	.1										.3	3.7
NE	.4		.2									.6	4.2
ENE		.1	.1	.2								.4	9.3
E	.2	.2	.4	.1								1.0	6.3
ESE	.2	.2	.3	1.1	.9	1.2	.2	.2				4.3	17.7
SE	1.4	1.6	4.3	4.6	2.8	2.3	.2	.2				17.4	13.3
SSE		.9	1.4	1.3	.3	.5						4.4	11.7
S	1.8	.8	.8	.1	.1							3.6	5.1
SSW	.5	.8	.1	.1								1.5	4.9
SW	1.8	1.3	.8	.2								4.1	4.7
WSW	1.4	.8	.2	.1								2.5	4.2
W	5.9	2.5	.5									8.9	3.6
WNW	2.6	4.7	2.5	.3	.1							10.2	5.3
NW	3.2	3.1	3.2	1.4	.3							11.3	6.5
NNW	.4	.8	.2	.1								1.5	5.6
VARBL												27.0	
CALM													
	21.1	17.8	15.1	9.7	4.5	4.0	.4	.4				100.0	6.0
	TOTAL NUMBER OF OBSERVATIONS											929	

ALLIED/BGR BUSINESS SYSTEMS

150524

2
 DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

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

24292 COMGX BC DOT APT
STATION STATION NAME

54-63
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
V	.1		.1	.1								.3	8.0
NNE												.3	4.0
NE	.1	.2										.1	14.0
ENE				.1								.3	3.0
E	.3											1.9	15.9
ESE	.4		.3	.1	.2	.4	.3					12.4	11.6
SE	1.4	1.3	2.9	3.8	2.2	.7	.1					6.4	10.4
SSF	.6	1.0	2.0	2.4	.3	.1						2.6	5.7
S	1.2	.4	.7	.1	.1							1.0	5.7
SSW	.6	.1	.2	.1								2.0	4.9
SW	2.9	1.7	.7									12.0	3.6
WSW	.8	.7	.6									10.7	4.8
W	7.3	4.1	.6									16.7	5.6
WNW	4.4	4.0	2.0		.2							1.4	6.2
NW	5.7	5.6	4.2	1.2								26.6	
NNW	.7	.2	.1	.4								100.0	5.0
VARBL													
CALM													
	26.6	19.3	14.3	8.4	3.1	1.2	.4						

TOTAL NUMBER OF OBSERVATIONS

900

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT STATION NAME

54-63 YEARS

APR MONTH

ALL WEATHER CLASS

0300-0500 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-63	64-70	71-80	81-90	91-100	MEAN WIND SPEED
N																
NNE																
NE		.1	.1												.2	5.5
ENE	.2	.1													.3	3.0
E	.2	.3													.6	4.2
ESE	.1	.2	.1	.6	.6	.2	.1	.1							2.0	16.8
SE	1.1	1.0	2.3	4.7	2.3	.8	.1								12.3	12.6
SSE	.6	.4	1.6	1.6	.1										4.2	9.3
S	1.6	.9	.8	.3											3.6	5.2
SSW	.6	.4	.2												1.2	4.5
SW	1.3	1.6	.2	.1											3.2	4.4
WSW	.7	1.0	.6	.2											2.4	5.7
W	7.0	4.1	.4												11.6	3.6
WNW	4.2	3.1	2.0	.1											9.4	4.5
NW	4.7	5.7	2.9	1.3											14.6	5.5
NNW	.1	.2	.4	.3											1.1	8.7
VARBL																
CALM															33.2	
	22.3	19.2	11.7	9.2	3.0	1.0	.2	.1							100.0	4.6
	TOTAL NUMBER OF OBSERVATIONS														900	

ALLIED/BERRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 STATION CDMOX BC DOT API STATION NAME 54-63 YEARS APR MONTH 0600-0600 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	1.0	1.1	.2									2.3	4.4
NNE	.1	.2										.3	4.3
NE	.3	.3										.7	3.8
ENE		.1										.1	4.0
E	.2	.4										.7	4.2
ESE	.4	.3	.9	1.6	.2	.1	.2					3.8	12.1
SE	1.3	1.9	2.3	4.9	1.6	1.0	.1					13.1	11.7
SSE	.7	1.2	1.0	2.2	.2							5.3	9.5
S	1.8	1.4	.7	.7								4.0	5.0
SSW	.3	.7		.1								1.1	4.8
SW	1.2	.8	.3	.1								2.4	4.7
WSW	.6	.6	.2									1.3	4.3
W	4.1	1.2	.9									6.2	3.8
WNW	3.6	3.8	.9	.6								8.8	4.7
NW	7.6	5.3	3.7	2.3	.1							19.0	5.7
NNW	1.8	1.0	2.1	.8	.1							5.8	6.8
VARBL												24.8	
CALM													
	25.1	20.5	13.3	12.7	2.2	1.1	.3					100.0	5.2
	TOTAL NUMBER OF OBSERVATIONS												898

ALLIED BURT BUSINESS SYSTEMS
 150524

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

SURFACE WINDS

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

24292
STATION

COMOX BC DOT APT
STATION NAME

54-63
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	54-60	%	MEAN WIND SPEED
N	2.1	5.3	7.3	1.7								16.4	6.9
NNE	.7	2.4	1.0									4.1	5.4
NE	1.1	3.9	1.1									6.1	4.9
ENE	.9	1.4	1.3									3.7	5.4
E	.8	2.7	3.3									6.8	6.2
ESE	.3	1.0	2.7	3.7	1.2	.8						9.7	12.2
SE	.6	1.8	4.6	7.1	3.2	1.0	.2					18.4	12.8
SSE	.6	1.2	1.1	2.0	.2							5.1	9.3
S	.4	.4	1.2	.4	.1							2.7	8.2
SSW		.1	.3									.4	7.8
SW	.1	.1	.2	.1								.6	7.8
WSW	.3	.3	.1	.1								.9	6.3
W	.4	.1										.6	3.4
WNW	.2	.4	.2	.1								1.0	6.4
NW	.6	1.3	3.0	1.4	.4							6.8	8.6
NNW	1.1	2.7	6.2	2.7	.6							13.2	8.7
VARBL													
CALM												3.6	
	10.2	25.3	33.8	19.3	5.8	1.8	.2					100.0	8.5
	TOTAL NUMBER OF OBSERVATIONS											900	

ALLIED/BGR BUSINESS SYSTEMS

19024

2

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT APT STATION NAME 54-63 YEARS APR MONTH 1200-1400 HOURS (LST)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	1.3	4.1	4.1	1.3	.2	.1						11.2	7.3
NNE	.7	1.4	1.3									3.4	5.6
NE	2.3	6.0	3.0									11.3	5.2
ENE	1.0	2.6	2.7	.1								6.3	6.1
E	1.3	2.8	4.3	.6								9.0	6.5
ESE	.3	1.1	3.8	4.1	1.7	.9						11.9	12.4
SE	.2	1.3	5.1	10.2	4.8	1.3	.1					23.1	13.3
SSE	.1	.3	1.3	3.1	.7	.2						5.8	12.5
S	.2	.3	.7	.6	.1							1.9	9.8
SSW		.2	.6	.6								1.3	10.7
SW	.1	.1	.2	.2								.7	9.5
WSW	.1	.1	.1	.2								.4	10.3
W	.2	.2		.1								.6	6.0
WNW		.3		.1								.4	7.3
NW	.2	.7	1.3	.3	.2							2.8	8.1
NNW	.2	1.4	3.7	2.3	.6							8.2	9.7
VARBL												1.4	
CALM													
	8.5	23.0	32.3	23.9	8.2	2.6	.1					100.0	9.4
TOTAL NUMBER OF OBSERVATIONS												899	

ALLIED/BARRY BUSINESS SYSTEMS
 150524

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

SURFACE WINDS

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

24292
 STATION

COMOX BL DOT API
 STATION NAME

54-63
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (CST)

CONDITION

SPEED (KNTS)	1	3	4	6	7	10	11	16	17	21	22	27	28	31	34	40	41	47	48	51	56	%	MEAN WIND SPEED	
DIR																								
N		2.7		2.3		1.8		.2															7.0	5.2
NNE		.4		1.1		.3																	1.9	5.0
NE		2.0		3.1		1.1																	6.2	4.6
ENE		1.3		1.1		1.2																	3.7	5.4
E		2.0		2.8		1.2																	6.0	4.9
ESE		1.1		1.7		3.8		2.8		1.7		.7											11.7	11.0
SE		1.3		3.0		7.6		11.0		4.1		.7		.1									27.8	11.8
SSE		.3		1.2		2.2		2.2		.6		.1											6.7	10.3
S		.6		1.2		1.3		.6		.2		.1											4.0	8.1
SSW						.7		.8															1.4	11.3
SW		.2		.7		.9		.7		.2													2.7	9.2
WSW		.1		.2		.3		.2															.9	8.3
W		.3		.6		.2		.2															1.1	6.2
WNW		.1		.2		.2																	.6	5.0
NW		.8		2.0		1.8		.7															5.2	6.7
NNW		.6		2.2		3.9		2.2		.3													9.2	8.8
VARBL																								
CALM																							4.0	
		13.9		23.4		28.3		21.6		7.1		1.6		.1									100.0	8.5
		TOTAL NUMBER OF OBSERVATIONS																					900	

2

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

SURFACE WINDS

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

24292 — COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.7	.4										1.1	3.3
NNE	.3	.1										.4	3.0
NE	.3	.1										.4	3.3
ENE		.2										.2	5.5
E	.7	.2		.1								1.0	4.4
ESE	1.3	1.4	1.4	1.7	.6	.8						7.2	10.0
SE	3.7	3.4	5.2	6.2	2.4	.7	.3					22.0	10.3
SSE	1.6	1.8	2.9	2.4	.6							9.2	8.6
S	3.0	2.2	1.2	.6	.3	.1						7.5	5.9
SSW	.4	.4	.6	.1	.2							1.8	7.4
SW	1.3	1.4	1.4	.2								4.4	5.5
WSW	.6	.6	.6	.3								2.0	6.8
W	2.1	.8	1.0									3.9	4.4
WNW	.9	1.0	.9	.3								3.1	6.3
NW	3.8	2.9	3.6	1.2	.1							11.6	6.3
NNW	1.0	1.0	1.3	.7	.2							4.2	7.5
VARBL												19.8	
CALM													
	21.7	18.1	20.1	13.9	4.4	1.6	.3					100.0	6.3
	TOTAL NUMBER OF OBSERVATIONS											899	

ALLIED-BYRNE BUSINESS SYSTEMS

130024

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

SURFACE WINDS

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

24292 COMDX BC DDT APT
STATION STATION NAME

54-63
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55	65	%	MEAN WIND SPEED
DIR.														
N	.2	.6	.1										.9	4.8
NNE														
NE	.1		.1	.1									.3	8.0
ENE	.1	.1	.1										.3	4.3
E	.2	.2	.1										.6	4.2
ESE	.4	.3	.2	.2		.3	.3						1.9	13.1
SE	1.8	1.6	5.1	5.2	.8	.8		.1					15.3	10.9
SSE	.8	1.4	2.2	1.9	.3	.1							6.8	9.2
S	2.7	1.1	.8	.1									4.7	4.3
SSW	.6	.4	.9	.1									2.0	6.2
SW	1.8	1.7	.6	.2	.1								4.3	5.4
WSW	1.2	1.3	1.1	.2									3.9	5.9
W	4.9	3.7	1.3	.1									10.0	4.2
WNW	2.4	3.0	1.4	.1									7.0	5.1
NW	3.7	5.9	4.2	1.1									14.9	6.0
NNW	.6	.4	.3	.1									1.4	5.8
VARBL														
CALM													25.7	
	21.4	21.8	18.7	9.6	1.2	1.2	.3	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/BORG BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63

YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	50	%	MEAN WIND SPEED
N	.3	.1	.2	.1								.8	3.9
NNE												.2	3.0
NE	.2											.2	6.0
ENE	.1		.1									.6	3.0
E	.5	.1										1.5	7.1
ESE	.2	.6	.4	.2								5.3	11.2
SE	.5	.6	1.8	1.2	.4	.6						2.8	8.3
SSE	.2	1.0	.9	.6	.1							1.7	5.0
S	.8	.4	.5									1.0	5.2
SSW	.4	.4			.1							3.1	6.0
SW	.9	1.1	1.1	.1								3.0	5.1
WSW	1.1	1.2	.5	.2								8.4	4.0
W	3.9	3.8	.8									16.1	4.8
WNW	5.9	6.9	3.0	.1		.1						25.6	5.8
NW	7.2	8.7	8.1	1.5								1.6	6.7
NNW	.3	.8	.2	.3								28.0	
VARBL													
CALM													
	22.7	25.8	17.7	4.4	.6	.8						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

927

ALLIED/BERRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292
STATION

CGOXX 60 DOT APT
STATION NAME

54-63
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR.													
N	.3	.4										.8	4.0
NNE													
NE	.2											.2	2.5
ENE													
E		.3		.1								.4	6.8
ESE	.1	.3	.6	.1								1.2	7.2
SE	.6	.8	1.3	1.4	.5							4.6	9.4
SSE	.2	.4	1.0	.4	.1							2.2	8.8
S	.5	1.1	.4	.1								2.2	5.4
SSW	.6	.4	.3	.3	.2							1.9	7.5
SW	1.9	1.0	.8									3.7	4.4
WSW	1.2	1.2	.3	.3	.1							3.1	5.7
W	6.2	2.6	1.0									9.8	3.6
WNW	6.7	8.7	2.6	.1								18.1	4.4
NW	7.0	10.0	5.2	.6								22.8	5.2
NNW	.4	.4	.3	.1								1.3	5.4
VARBL													
CALM												27.8	
	26.2	27.7	13.8	3.7	1.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

929

ALLIED/BENT BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 GDMOX BC DDT APT
STATION STATION NAME

54-63
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56	56	%	MEAN WIND SPEED
DIR.												5.6	5.8
N	.9	3.1	1.3	.3								.9	4.6
NNE	.1	.6	.1									1.0	3.7
NE	.6	.2	.1									1.0	4.1
ENE	.4	.4	.1									1.6	4.3
E	.9	.4	.3									2.8	6.0
ESE	.6	1.1	.9	.1	.1							8.3	9.5
SE	.8	1.3	2.9	2.8	.5							2.7	8.6
SSE	.3	.5	1.1	.6		.1						1.3	5.1
S	.5	.4	.2	.1								1.0	7.7
SSW	.2	.2	.4		.1							1.7	4.6
SW	1.0	.4	.2	.1								1.2	4.3
WSW	.4	.6	.1									4.2	4.0
W	2.4	1.5	.2	.1								7.3	4.8
WNW	2.6	3.2	1.5									25.7	6.1
NW	6.9	9.6	6.8	2.4	.1							16.5	7.1
NNW	2.5	4.2	7.8	1.9									
VARBL												17.4	
CALM												100.0	5.2
	21.1	28.0	24.1	8.5	.9	.1							

TOTAL NUMBER OF OBSERVATIONS

930

ALLIED/BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT API
STATION

54-63
YEARS

MAY
MONTH

0900-1800
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	1.7	5.5	10.0	1.7								18.9	7.3
NNE	.8	2.4	2.7	.1								5.9	6.2
NE	2.2	5.3	1.7									9.1	4.9
ENE	.5	1.4	1.8	.1								3.9	6.5
E	1.1	1.7	3.7	.1								6.6	6.6
ESE	.2	1.1	4.1	3.4	.4							9.2	10.2
SE	.2	.6	4.0	5.9	1.4	.2						12.4	12.0
SSE	.3	.4	1.6	.4	.1							2.9	8.6
S			.1	.5								.6	12.3
SSW				.4								.4	13.0
SW	.1		.1	.2								.4	9.3
WSW	.2											.2	3.0
W													
WNW			.4									.4	9.5
NW	.9	1.6	3.7	1.4		.1						7.6	8.3
NNW	.9	3.7	8.9	4.2	.3							18.0	8.7
VARBL												3.3	
CALM													
	9.0	23.7	42.8	18.6	2.3	.3						100.0	8.0
TOTAL NUMBER OF OBSERVATIONS												930	

ALLIED/BGM BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 COMOX BC DQT APT
STATION STATION NAME

54-63
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	1.2	3.3	8.2	1.0								13.7	7.2
NNE	.9	2.4	2.3	.1								5.6	5.9
NE	2.0	5.6	3.7									11.3	5.4
ENE	.8	4.1	4.0	.1								8.9	6.3
E	.6	3.2	3.7	.3								7.8	6.5
ESE	.4	.6	4.9	7.5	.8	.1						14.4	11.6
SE	.5	1.6	6.0	8.1	1.5	.8						18.5	11.6
SSE	.1	.5	.6	1.3	.1	.1						2.8	10.9
S	.1	.3	.5	.3	.1							1.4	8.5
SSW			.3		.2							.5	11.4
SW	.1	.2										.3	4.3
WSW	.1	.1		.1								.3	7.0
W	.1	.1										.2	4.0
WNW	.1	.1										.2	3.5
NW	.6	.9	1.9	.2								3.7	7.0
NNW	.6	1.1	5.7	1.2	.1							8.7	8.4
VARBL													
CALM												1.6	
	8.4	24.2	41.8	20.2	2.8	1.0						100.0	8.3
	TOTAL NUMBER OF OBSERVATIONS											930	

2

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

SURFACE WINDS

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

24292 COMOX BC DOT API

54-63

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1500-1700

CLASS

HOURS (LST)

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	>56	%	MEAN WIND SPEED
DIR.													
N	2.4	4.2	2.6	.1								9.2	5.4
NNE	.5	1.1	.4	.1								2.2	5.3
NE	1.5	4.0	.9									6.3	4.6
ENE	1.1	2.7	1.0									4.7	4.9
E	1.3	2.8	2.2	.2	.1							6.6	5.8
ESE	1.2	2.0	3.0	4.0	1.4	.1						11.7	10.2
SE	1.1	3.1	9.6	8.1	1.8	.3						24.0	10.2
SSE	1.0	1.2	2.7	2.4	.1							7.3	8.6
S	.2	.6	.6	.8	.1							2.4	8.6
SSW	.2	.3	.4	.2								1.2	7.5
SW	.2	.1	.3	.3								1.0	7.3
WSW			.3									.3	7.3
W	.4	.4	.1									1.0	4.3
WNW	.1	.2	.1									.4	5.8
NW	1.2	2.2	2.4	.5								6.2	6.4
NNW	1.5	1.4	6.6	1.1								10.5	7.7
VARBL													
CALM												4.9	
	13.9	26.3	33.1	17.7	3.5	.4						100.0	7.4
TOTAL NUMBER OF OBSERVATIONS													930

ALLIED/BGM BUSINESS SYSTEMS

150524

(2)

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

SURFACE WINDS

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

24292 CDMQX BC DOT APT
STATION STATION NAME

54-63
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	48-54	55	%	MEAN WIND SPEED
N	1.0	.6	.4									2.0	4.3
NNE	.2	.3										.5	4.2
NE	1.5	.6										2.2	3.0
ENE	.5	.4										1.0	3.3
E	1.4	.8	.1									2.3	3.6
ESE	1.1	.9	1.0	1.5	.1							4.5	8.1
SE	3.1	4.8	5.9	5.1	.6							19.6	8.3
SSE	1.8	2.8	2.7	1.0	.1							8.4	6.7
S	1.9	1.6	1.3	.5								5.4	5.6
SSW	.8	.6	1.0	.4								2.8	6.7
SW	1.4	.9	.9									3.1	4.8
WSW	.5	.8	.6									1.9	5.3
W	2.2	2.6	.5									5.3	4.3
WNW	1.2	1.0	1.1	.1								3.3	5.2
NW	3.4	4.3	3.7	1.3								12.7	6.2
NNW	1.3	1.4	2.6	1.9	.2							7.4	8.1
VARBL													
CALM												17.5	
	23.4	24.4	21.7	11.8	1.1							100.0	5.4
TOTAL NUMBER OF OBSERVATIONS												929	

ALLIED/BORG BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292
STATION

COMOX BC DOT API
STATION NAME

54-63
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	.1									.4	5.3
NNE													
NE	.2	.1										.3	3.3
ENE	.1	.2										.3	3.7
E	.6	.1										.8	2.6
ESE	.1	.6	.5	.5		.1						1.9	9.0
SE	1.3	2.2	3.4	2.3	.2	.1						9.5	8.4
SSE	1.2	.8	1.5	.3	.1							3.9	6.7
S	2.0	1.0	.5	.3								3.9	4.9
SSW	.5	.3	.5									1.4	5.1
SW	1.8	1.3	1.1	.1								4.3	5.1
WSW	1.8	1.2	1.8									4.8	5.2
W	4.0	4.2	.4									8.6	4.0
WNW	2.7	4.7	2.0	.3								9.8	5.2
NW	5.7	7.7	5.9	1.3								20.6	5.7
NNW	.8	.9	1.5	.4								3.6	7.2
VARBL													
CALM												25.9	
	23.0	25.5	19.5	5.6	.3	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

928

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

JUN
MONTH
 0000-0200
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.2	.1	.1									.4	4.0
NNE													
NE													
ENE													
E	.1	.1		.1								.3	7.0
ESE	.6	.2	.6	.3								1.7	6.6
SE	.6	1.7	2.8	1.9	.7	.1		.1				7.8	10.0
SSE	1.1	.9	.7	.2	.1							3.0	5.9
S	.8	.6	.2	.2								1.8	5.3
SSW	1.1	.1	.4	.2								1.9	5.4
SW	2.1	1.2	1.2									4.6	4.8
WSW	1.3	1.7	.4									3.4	4.4
W	3.6	2.7	1.0									7.2	4.1
WNW	4.7	7.9	2.9	.3								15.8	5.0
NW	5.4	9.3	7.8	1.4		.1						24.1	6.1
NNW	.2	1.4	1.2	.4		.1						3.4	7.9
VARBL													
CALM												24.6	
	21.8	27.9	19.3	5.2	.8	.3		.1				100.0	4.5
	TOTAL NUMBER OF OBSERVATIONS											900	

ALLIED/EGW BUSINESS SYSTEMS

150524

(25)

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

SURFACE WINDS

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

24292 COMDX BC DOT APT
STATION STATION NAME

54-63

YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (LST)

CONDITION

SPEED (KNTS)	1	3	4	6	7	10	11	16	17	21	22	27	28	33	34	40	41	47	48	55	56	%	MEAN WIND SPEED
DIR.																							
N		.1		.1																		.2	3.5
NNE		.1																				.1	2.0
NE																							
ENE				.1																		.1	4.0
E				.1		.1																.2	6.0
ESE		.3		.1		.7		.2		.1						.3						1.4	8.4
SE		.2		1.8		2.1		2.3		.6												7.3	10.5
SSE		.6		.6		.7		.4		.1												2.3	7.5
S		.8		.6		.3																1.7	4.6
SSW		.8		.2		.1		.1														1.2	4.4
SW		1.7		1.3		.7																3.7	4.6
WSW		1.2		1.2		1.0																3.4	4.9
W		4.7		3.4		1.1																9.2	4.0
WNW		6.2		7.7		2.4		.1														16.4	4.6
NW		6.7		12.1		4.4		.6		.6												24.3	5.4
NNW		.7		.6		1.3		.4														3.0	7.1
VARBL																							
CALM																						25.2	
		24.0		29.9		15.0		4.2		1.3		.3										100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

900

150524 ALLIED/FGV BUSINESS SYSTEMS

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

JUN
MONTH
 0600-0800
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	1.9	2.4	2.3	.1								6.8	5.6
NNE	.6	.6	.1									1.2	3.8
NE	.2	.2										.4	3.8
ENE	.6											.6	2.8
E	.2	.4	.9									1.6	5.9
ESE	.4	1.0	1.2	1.1	.4	.2	.2					4.7	10.8
SE	.8	2.1	3.4	2.7	.4	.1						9.6	9.0
SSE	.7	.3	1.2	.8	.1							3.1	8.0
S	.6	.8	.1	.2								1.7	5.9
SSW	.6	.2	.1									.9	3.6
SW	1.2	.4	.3	.1								2.1	4.2
WSW	1.3	.3	.1	.1								1.9	3.8
W	2.3	1.7	.3									4.3	4.0
WNW	3.1	3.1	1.9									8.1	4.7
NW	6.6	8.9	7.4	1.6	.2							24.7	6.0
NNW	1.4	5.2	5.7	2.3								14.7	7.4
VARBL													
CALM												13.8	
	22.4	27.8	25.2	9.0	1.2	.3	.2					100.0	5.6
	TOTAL NUMBER OF OBSERVATIONS											900	

ALLIED/EGN BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 COMDA BC DOT APT
STATION STATION NAME

54-63
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS U.S.T.

WIND TIME

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	54-59	%	MEAN WIND SPEED
N	1.8	5.4	9.8	1.3								18.3	7.1
NNE	1.2	3.2	2.0									6.4	5.5
NE	1.7	4.6	2.8									9.0	5.3
ENE	.4	1.4	1.4									3.3	5.9
E	1.1	2.1	3.2	.2								6.7	6.6
ESE	.3	1.0	3.4	3.4	.3	.1						8.7	10.6
SE	.4	1.1	5.0	5.8	1.9	.3						14.6	11.9
SSE		.6	.7	.7	.2							2.1	10.0
S	.2	.2	.1	.1								.7	6.2
SSW	.1			.2								.3	11.0
SW													
WSW													
W	.2	.1	.1									.4	4.3
WNW	.1	.1	.2									.4	6.0
NW	.9	4.1	3.6	.9	.1							9.6	7.0
NNW	.8	3.2	9.2	2.8	.4							16.4	8.5
VARBL													
CALM												3.0	
	9.3	27.2	41.6	15.4	3.0	.4						100.0	7.8
TOTAL NUMBER OF OBSERVATIONS												900	

ALLIED / GARY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 CUMOX RC DOT APT
STATION STATION NAME

54-63
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	1.2	2.6	5.4	1.1								10.3	7.3
NNE	1.3	2.3	1.9									5.6	5.6
NE	1.8	6.6	2.9									11.3	5.4
ENE	.3	2.7	2.9	.1								6.6	6.4
E	1.3	2.7	3.8	.6								8.4	6.6
ESE	.4	1.5	5.5	5.0	1.8							14.2	11.0
SE	.7	2.0	5.3	7.4	3.1	.1						18.5	11.6
SSE	.2	.2	1.1	2.0	.6							4.1	11.7
S	.6	.3	.6	.2	.1							1.8	7.1
SSW	.1	.3										.4	4.5
SW	.1	.2										.1	5.2
WSW		.1	.1									.2	8.0
W	.2	.3	.1									.7	4.7
WNW		.1										.1	5.0
NW	.6	1.5	2.2	.2								4.5	7.1
NNW	.6	1.2	5.3	2.6	.3							10.8	8.9
VAPBL													
CALM												2.5	
	9.5	25.	37.2	19.4	5.9	.1						100.0	8.3
	TOTAL NUMBER OF OBSERVATIONS												895

ALLIED/EGRY BUSINESS SYSTEMS

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

SURFACE WINDS

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

24292 CDMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS LST

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	%	MEAN WIND SPEED
N	1.4	3.2	2.1	.4								7.2	5.8
NNE	1.0	1.0	.4	.1								2.6	5.0
NE	2.2	3.8	1.3									7.3	4.7
ENE	.4	1.8	.9									3.1	5.4
E	1.7	2.3	1.9	.3	.2							6.5	6.4
ESE	.7	2.0	5.2	3.2	1.1	.1						12.3	9.8
SE	2.2	3.9	9.5	8.5	1.6	.4						26.0	9.9
SSE	.4	.6	3.3	2.4	.6							7.3	10.4
S	.6	.6	.4	.4								2.0	6.7
SSW	.7	.2	.4	.1	.1							1.6	6.9
SW	.4	.6	.3		.1							1.4	5.9
WSW	.1	.1	.2									.4	6.5
W	.2	.4	.2									.9	4.6
WNW	.4	.3	.1									.9	4.6
NW	1.6	2.7	1.8	1.1								7.1	6.4
NNW	1.0	2.9	4.1	1.8	.3							10.1	8.2
VARBL												3.1	
CALM													
	15.1	26.4	32.4	18.5	4.0	.6						100.0	7.7
TOTAL NUMBER OF OBSERVATIONS												899	

2

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

SURFACE WINDS

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

24292 — COMOX EC DOT APT
STATION STATION NAME

54-63
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	.7	.7	.2	.1								1.7	4.9
NNE	.4	.2										.7	3.7
NE	.9	1.0	.1									2.0	4.1
ENE	.6	.7	.1									1.3	4.6
E	1.6	.8	.2		.2							2.8	4.6
ESE	1.0	1.3	2.6	1.2	.4							6.6	8.3
SE	3.9	5.4	7.7	3.2	.8							21.0	7.6
SSE	1.4	3.6	2.9	1.1	.2							9.3	7.0
S	2.1	2.0	1.2	.4	.1							5.9	5.4
SSW	.7	.1	.3	.1								1.2	5.5
SW	.9	.8	.9	.3								2.9	6.1
WSW	.1	1.1	.6									1.8	5.5
W	1.9	.8	.1									2.8	3.3
WNW	.8	1.2	.3									2.3	4.4
NW	3.9	4.6	4.9	1.6	.2							15.2	6.4
NNW	1.1	2.9	2.6	1.8	.3							8.7	8.0
VARBL												13.9	
CALM													
	22.0	27.1	24.7	9.9	2.3							100.0	5.7
TOTAL NUMBER OF OBSERVATIONS												897	

ALLIED/LGRY BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292
 STATION

COMOX BC DOT APT
 STATION NAME

54-63
 YEARS

YEARS

JUN
 MONTH

2100-2300
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS)	1	3	4	6	7	10	11	16	17	21	25	27	28	33	34	40	41	47	48	51	55	%	MEAN WIND SPEED	
DIR.																								
N		.1		.3		.4																.9	6.1	
NNE		.1		.2																		.3	3.7	
NE		.2																				.2	2.5	
ENE		.3																				.3	2.0	
E		.8				.3		.3														1.4	6.1	
ESE		.1		.8		1.2		.4		.2												2.8	9.0	
SE		2.2		1.8		4.0		1.4		.4		.1										10.0	7.9	
SSE		.7		1.0		1.1		.6		.1												3.4	7.3	
S		2.2		1.3		.8																4.3	4.1	
SSW		.2		.9		.3																1.4	5.3	
SW		1.1		1.2		.8		.2														3.3	5.3	
WSW		1.1		1.1		.7		.1														3.0	5.2	
W		4.2		1.9		.9																7.0	4.0	
WNW		2.8		5.4		2.0		.1														10.3	5.1	
NW		3.7		8.7		5.8		1.4														19.6	6.2	
NNW		.6		2.2		2.3		1.2		.1												6.4	7.8	
VARBL																						25.1		
CALM																								
		20.4		26.9		20.7		5.9		.9		.1										100.0	4.6	
		TOTAL NUMBER OF OBSERVATIONS																				900		

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

SURFACE WINDS

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

24292
STATION

COMOX BC DOT API
(STATION NAME)

54-63
YEARS

ALL WEATHER
CLASS

JUL
MONTH
 0000-0200
HOURS (LST)

ALLIED/BUSINESS SYSTEMS

150524

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48	%	MEAN WIND SPEED
DIR.												
N	.4	.1									.5	3.2
NNE											.1	3.0
NE	.1										.2	2.5
ENE	.2										.4	3.5
E	.2	.2									.4	3.5
ESE	.1	.6	.8	.3	.2	.2					2.3	10.5
SE	1.0	.3	1.6	1.0	.3	.1					4.3	8.9
SSE	.6	.2	.8	.1							1.7	6.1
S	.5	.4	.1		.1						1.2	5.5
SSW	.4	.5									1.0	3.8
SW	1.2	.2	.1	.1							1.6	3.9
WSW	.4	.2	.1								.8	4.4
W	2.6	2.1	.5								5.2	4.1
WNW	5.3	6.4	3.8	.2							15.7	5.1
NW	9.0	14.5	11.4	2.1	.2						37.1	5.9
NNW	.8	2.3	2.4	1.0	.1						6.5	7.1
VARBL											21.4	
CALM												
	22.9	28.1	21.5	4.8	1.0	.3					100.0	4.6
TOTAL NUMBER OF OBSERVATIONS												925

2

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT APT STATION NAME 54-63 YEARS JUL MONTH
 0300-0500 HOURS (LST)

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	.2	.1										.3	3.7
NNE													
NE													
ENE													
E	.5	.1	.1									.8	3.7
ESE	.4	.2	.4	.2	.5							1.8	10.0
SE	.9	.5	.6	1.0	.3							3.3	8.8
SSE	.1	.5	.8	.3								1.7	7.8
S	.8	.1	.3	.1								1.3	5.1
SSW	.2	.1	.2	.1								.6	6.8
SW	.9	.4	.2	.1								1.5	4.1
WSW	1.0	.4	.4									1.8	4.1
W	5.4	2.6	.5									8.5	3.6
WNW	9.0	8.8	3.7	.1								21.6	4.5
NW	9.2	13.1	5.5	1.5								29.4	5.2
NNW	.5	1.0	1.3	.8								3.5	7.6
VARBL												23.8	
CALM													
	29.1	28.1	14.1	4.1	.9							100.0	4.0
TOTAL NUMBER OF OBSERVATIONS												930	

ALLIUD/EGRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	M. AN WIND SPEED
N	1.1	3.1	1.9	.2								6.4	5.8
NNE	.2	.8	.1									1.1	4.5
NE	.5	.2										.8	3.3
ENE	.3	.1										.4	3.5
E	1.1	.2										1.3	3.1
ESE	.3	.3	1.2	.5	.1	.1						2.6	9.5
SE	.8	1.4	1.6	.8	.4	.1	.1					5.2	9.0
SSE	.6	.9	1.2	.1								2.8	6.5
S	.8	.3			.1							1.2	4.4
SSW	.2	.2										.4	3.8
SW	.4	.4										.9	3.5
WSW	.4		.1									.5	3.4
W	2.3	.5										2.8	2.9
WNW	3.3	4.4	1.7									9.5	4.7
NW	8.0	12.0	8.5	1.6								30.1	5.7
NNW	2.5	6.1	10.4	2.4	.3							21.7	7.3
VARBL												12.4	
CALM													
	22.9	31.1	26.8	5.6	1.0	.2	.1					100.0	5.3
	TOTAL NUMBER OF OBSERVATIONS												927

ALLIED/BGRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT 54-63 JUL
STATION STATION NAME YEARS MONTH
 ALL WEATHER 0900-1100
CLASS HOURS (LST)
 CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	1.4	7.2	12.9	1.4	.2							23.1	7.2
NNE	.8	1.8	1.5	.1								4.2	5.8
NE	1.2	3.1	1.1									5.4	4.9
ENE	.6	2.4	1.4	.2								4.6	5.8
E	.6	1.9	1.5	.2								4.3	6.0
ESE	.3	.6	4.0	1.3	.5							6.8	9.6
SE	.2	1.5	4.4	1.9	.8	.6						9.5	10.9
SSE	.1	.8	.1	.6	.1							1.7	8.4
S	.2	.3	.3	.3								1.2	7.6
SSW													
SW	.1											.1	3.0
WSW													
W		.1										.1	4.0
WNW	.2	.2	.2									.6	5.2
NW	.9	1.3	3.7	1.1	.2							7.1	7.9
NNW	1.1	6.2	17.4	4.0	.1	.1						28.9	8.3
VARBL													
CALM												2.4	
	7.7	27.5	48.5	11.2	1.9	.8						100.0	7.6
	TOTAL NUMBER OF OBSERVATIONS											930	

ALLIED/BORG BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.												16.5	7.5
N	.4	4.9	10.2	.9								5.1	6.0
NNE	.5	2.5	1.9	.1								8.3	5.4
NE	1.6	4.1	2.6									6.6	5.8
ENE	.9	3.3	2.4									5.7	6.1
E	.9	2.6	1.9	.3								11.7	9.8
ESE	.1	1.5	6.6	3.0	.5							15.1	10.4
SE	.8	1.5	6.6	4.8	.9	.5						2.7	9.8
SSE		.6	.8	1.1	.2							1.3	9.3
S	.3	.2	.1	.6								.2	7.5
SSW		.1	.1									.3	4.0
SW		.3										.1	3.0
WSW	.1											.2	5.0
W		.2										.6	5.0
WNW	.2	.2	.2									3.5	9.4
NW	.2	.3	1.9	1.0	.1							20.8	8.6
NNW	.6	4.1	11.6	3.9	.5								
VARBL												1.4	
CALM													
	6.7	26.6	46.9	15.7	2.3	.5						100.0	8.0
	TOTAL NUMBER OF OBSERVATIONS												930

ALLIED-BENTLEY BUSINESS SYSTEMS

156524

2

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

SURFACE WINDS

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

STATION 24292 COMDX BC DOT APT STATION NAME 54-63 YEARS _____ MONTH JUL
 CLASS ALL WEATHER HOURS (LST) 1500-1700
 CONDITION _____

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
DIR													
N	1.4	4.5	4.3	.2								10.5	5.9
NNE	.5	1.5	.3									2.4	4.9
NE	2.3	5.8	1.1									9.2	4.7
ENE	.5	3.7	.6									4.8	5.0
E	1.2	2.3	1.3									4.7	5.1
ESE	.2	1.8	4.1	2.0	.3							8.5	9.2
SE	1.1	3.0	8.3	6.1	.8	.2						19.5	9.6
SSE	.5	1.1	1.8	1.1								4.5	8.2
S	.8	.4	.8	.3								2.3	6.4
SSW	.1	.1	.3	.1	.1							.8	8.6
SW	.2	.4	.1	.1								.9	5.6
WSW		.1	.1									.2	7.5
W	.1	.1	.2									.4	5.3
WNW	.1	.3	.1									.5	4.8
NW	.8	3.1	4.0	.9	.1							8.8	7.3
NNW	1.0	4.1	9.5	3.1	.9	.1						18.6	8.7
VARBL												3.3	
CALM												3.3	
	10.8	32.4	37.0	14.0	2.2	.3						100.0	7.3
	TOTAL NUMBER OF OBSERVATIONS											928	

ALLIED-BYRON BUSINESS SYSTEMS

150024

2

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

SURFACE WINDS

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

24292 COMOX BC DQT APT
STATION STATION NAME

54-63
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56	56	%	MEAN WIND SPEED
DIR.													
N	1.5	1.0	.4	.2								3.1	4.9
NNE	.1		.1									.2	5.5
NE	.8	.5	.1									1.4	3.8
ENE	.3	.2										.5	3.6
E	1.4	.8										2.2	3.4
ESE		.4	1.1	1.2	.1							3.3	9.1
SE	4.6	4.5	5.2	2.9	.6	.1						18.0	7.3
SSE	1.5	2.0	2.4	.6	.1							6.7	6.5
S	1.3	1.0	1.0	.1	.1							3.4	5.4
SSW	1.1	.2	.2	.2								1.7	4.9
SW	.8	.6	.1									1.5	4.0
WSW	.5	.4	.2									1.2	4.5
W	1.3	.6	.1									2.0	3.7
WNW	.9	1.1	.4	.1								2.5	5.1
NW	5.8	6.8	5.2	3.1	.2							21.1	6.4
NNW	1.8	3.1	4.7	4.7	.3							14.7	8.7
VARBL													
CALM												16.5	
	24.2	23.3	21.2	13.2	1.5	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

930

ALLIED/EGRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 CONOX BC DOT APT

54-63

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
 CLASS

2100-2300
 HOURS (LST)

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
DIR.													
N	.4	.5	.3									1.3	5.1
NNE	.1		.1									.2	5.0
NE	.1											.1	3.0
ENE	.3											.3	2.3
E													
ESE	.2	.1	.9	.2	.4							1.8	17.2
SE	1.2	1.6	2.2	1.5	.5	.1						7.1	8.6
SSE	.6	.5	1.2	.5								2.9	7.3
S	1.3	1.2	.3	.2								3.0	4.8
SSW	.4	.1										.5	3.4
SW	1.3	.6	.5									2.5	4.6
WSW	.8	1.1	.1									1.9	4.3
W	2.2	1.2	.3									3.7	3.8
WNW	2.8	5.4	1.1	.3								9.6	4.9
NW	6.9	12.6	8.2	2.1								29.8	5.8
NNW	.9	2.1	6.0	2.4								11.3	8.3
VARBL													
CALM												23.8	
	19.5	27.1	21.3	7.2	1.0	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

926

ALLIED/BERRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 STATION COMUX BC DOT API STATION NAME

54-63 YEARS

AUG MONTH

ALL WEATHER CLASS

0000-0200 HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.4	.2										.6	3.5
NNE													
NE	.1	.1										.2	3.0
ENE	.1											.1	3.0
E	.1			.2								.3	10.3
ESE	.3	.2	.2	.2								1.0	6.9
SE	1.1	1.1	1.8	.9	.1							5.0	7.4
SSE	.2	.8	.4		.1							1.5	6.4
S	.9	.1										1.0	3.0
SSW	.2	.1										.3	3.3
SW	.6		.2									.9	3.8
WSW	.8	.3	.1									1.2	3.7
W	4.7	2.2	.1									7.0	3.3
WNW	7.3	7.0	2.0	.1								16.5	4.4
NW	10.6	10.2	7.1	.4								28.3	5.0
NNW	1.2	1.5	1.0	.3								4.0	5.7
VARBL												32.1	
CALM													
	28.7	23.8	13.0	2.2	.2							100.0	3.3
TOTAL NUMBER OF OBSERVATIONS												928	

ALLIED/EGRT BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292
 STATION

COMOX BC DDT APT
 STATION NAME

54-63
 YEARS

AUG
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS)	1	3	4	6	7	10	11	16	17	21	22	27	28	37	34	40	41	47	48	55	56	%	MEAN WIND SPEED	
DIR.																								
N		.3		.2																			.5	3.6
NNE																								
NE																								
ENE		.1																					.1	3.0
E		.1																					.1	3.0
ESE		.2		.2		.1		.1		.1													.8	7.3
SE		1.3		.6		1.4		1.4															4.7	7.7
SSE		.1		.3		.9		.2															1.5	7.6
S		.6		.2		.4																	1.3	5.0
SSW		.1		.1																			.2	3.0
SW		.6		.1																			.8	3.1
WSW		.6		.3																			1.0	3.4
W		7.5		3.1		.4																	11.1	3.5
WNW		9.4		7.7		2.3		.1															19.5	4.2
NW		9.6		10.3		3.1		.2															23.2	4.4
NNW		1.1		1.2		.4																	2.7	4.5
VARBL																								
CALM																							32.6	
		31.7		24.5		9.0		2.0		.1													100.0	3.0
		TOTAL NUMBER OF OBSERVATIONS																					930	

AU-AIDU 240 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
COMOX APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM SUMMARY OF--ETC(11)
NOV 65
UNCLASSIFIED USAFETAC/DS-81/035 SBIE-AD-E850 063 NL

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2

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

SURFACE WINDS

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

24292 COMOX EC DOT APT
STATION STATION NAME

54-63
YEARS

AUG
MONTH
 0600-0800
HOURS (LST)

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	1.1	1.5	1.3									3.9	5.5
NNE	.3	.2										.5	4.0
NE	.1											.1	2.0
ENE			.1									.1	9.0
E	.6	.1										.8	2.9
ESE	.5	.3	.5	.8								2.2	7.8
SE	1.3	1.1	1.5	1.8	.8	.1						6.6	9.2
SSE	.9	.9	1.0	.2								2.9	6.2
S	.5	.6	.1									1.3	4.1
SSW	.4		.2									.6	5.0
SW	.6	.3	.1									1.1	3.9
WSW	.3	.2										.5	3.6
W	3.2	1.4	.3	.1								5.1	3.6
WNW	6.3	5.4	1.4									13.1	4.2
NW	10.9	8.5	5.6	.6								25.6	4.8
NNW	2.0	4.1	5.6	1.3								13.0	6.8
VARBL													
CALM												22.7	
	29.2	24.6	17.7	4.8	.8	.1						100.0	4.2
TOTAL NUMBER OF OBSERVATIONS													930

ALLIED/EGRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56	56	%	MEAN WIND SPEED
DIR.													
N	1.7	8.0	10.0	1.2								20.9	6.7
NNE	.6	2.9	1.4									4.9	5.7
NE	1.3	3.0	.9									5.2	4.7
ENE	.9	2.2	1.8									4.8	5.9
E	.6	2.0	1.6	.2								4.5	6.1
ESE	.3	1.0	2.5	2.3	.3	.1						6.5	9.7
SE	.9	1.3	3.4	4.2	1.2	.4						11.4	11.0
SSE	.2	.1	.3	.4	.1							1.2	9.7
S	.1	.2	.2	.3								.9	9.3
SSW													
SW													
WSW	.1		.1									.2	6.0
W		.3										.3	5.0
WNW	.1	.2	.1									.4	4.8
NW	2.4	1.9	4.0	.6								8.9	6.4
NNW	1.4	6.0	15.2	1.8	.2							24.6	7.7
VARBL													
CALM												5.3	
	10.6	29.1	41.5	11.1	1.8	.5						100.0	7.1
TOTAL NUMBER OF OBSERVATIONS												930	

ALLIED/BENT BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

AUG
MONTH
 1200-1400
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR.													
N	1.5	6.0	9.2	.8								17.5	6.8
NNE	1.3	3.7	2.6									7.5	5.6
NE	2.5	7.6	3.9									14.0	5.2
ENE	.8	4.0	2.8	.1								7.6	5.9
E	1.3	2.3	4.3	.4								8.3	6.8
ESE	.5	1.1	4.0	3.0	.4	.2						9.2	10.1
SE	.8	3.3	4.1	7.3	1.2	.1						16.8	10.4
SSE	.1	.2	.6	.8								1.7	9.4
S	.1	.4	.6	.1	.1							1.4	8.1
SSW													
SW													
WSW													
W													
WNW		.1										.1	5.0
NW	.4	.9	1.2	.1								2.6	6.4
NNW	.8	1.3	6.7	2.0								10.8	8.4
VARBL													
CALM												2.5	
	10.0	30.9	40.0	14.6	1.7	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/BURT BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT APT STATION NAME

54-63 YEARS

AUG MONTH

ALL WEATHER CLASS

1500-1700 HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	2.3	5.6	2.3	.2								10.3	5.3
NNE	1.6	1.8	.5									4.0	4.2
NE	3.0	4.7	.8									8.5	4.4
ENE	1.7	2.3	.8									4.7	4.7
E	2.2	3.4	1.5									7.1	4.9
ESE	.6	2.4	3.2	2.0	.9	.1						9.3	9.2
SE	3.0	4.8	8.5	5.6	1.9							23.9	9.0
SSE	.9	1.6	1.0	1.4								4.8	7.6
S	.4	.9	.3	.2								1.8	6.2
SSW	.2	.3	.2									.8	5.3
SW	.1	.2										.3	4.7
WSW		.1										.1	5.0
W	.1	.1	.1									.3	4.7
WNW	.1		.3									.4	6.8
NW	1.4	2.0	2.3	.3	.2							6.2	6.4
NNW	1.6	2.6	5.6	1.6								11.4	7.6
VARBL													
CALM												5.9	
	19.3	32.9	27.3	11.4	3.0	.1						100.0	6.5
	TOTAL NUMBER OF OBSERVATIONS												929

2

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

SURFACE WINDS

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

STATION 24292 STATION NAME COMOX BC DOT APT YEARS 54-63 MONTH AUG
 CLASS ALL WEATHER HOURS (LST) 1800-2000
 CONDITION _____

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
DIR.													
N	2.2	.6	.1									2.9	3.2
NNE	.1	.1	.1									.3	4.7
NE	1.1	.1										1.2	2.8
ENE	.6	.1	.1									.9	3.8
E	1.9	.5										2.5	3.2
ESE	.8	1.4	1.3	.4	.3							4.2	7.5
SE	3.9	3.7	5.6	2.9	.3							16.4	7.2
SSE	1.7	1.5	1.6	.5								5.4	5.9
S	2.2	1.2	.5									3.9	3.9
SSW	.3	.1	.1									.5	4.6
SW	1.2	.1	.3									1.6	3.9
WSW	.4	.8	.1									1.3	4.2
W	1.4	.4										1.8	3.1
WNW	2.2	1.3	.5	.1								4.1	4.3
NW	5.9	4.7	4.3	1.6								16.6	5.7
NNW	1.7	2.2	2.3	1.1								7.2	6.7
VARBL													
CALM												29.3	
	27.6	18.8	17.0	6.7	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 929

ALLIED/BURT BUSINESS SYSTEMS

150524

2
 DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28801

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	.6	.4	.1	.1								1.3	4.7
NNE	.1											.1	3.0
NE													
ENE	.1											.1	3.0
E	.2											.2	3.0
ESE	.3	.5	1.3	.2								2.4	7.1
SE	1.3	1.6	2.8	1.7	.5							8.0	8.4
SSE	.8	.5	.5	.1	.1							2.0	5.9
S	.1	.4	.2									1.7	3.8
SSW	.1	.3										.4	4.3
SW	.8	.4										1.2	3.1
WSW	.8	.4	.1									1.3	3.9
W	2.8	1.5	.4									4.7	3.7
WNW	3.2	3.6	1.4									8.3	4.4
NW	8.9	10.9	7.0	1.2								28.0	5.3
NNW	1.0	1.1	2.2	.3	.1							4.6	6.8
VARBL												35.6	
CALM													
	22.2	21.8	16.1	3.7	.8							100.0	3.6
	TOTAL NUMBER OF OBSERVATIONS												928

ALLIED/CGW BUSINESS SYSTEMS

15052A

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

SEP
MONTH
 0000-0200
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-60	%	MEAN WIND SPEED
DIR.													
N	.7	.2										.9	3.0
NNE	.3											.3	2.3
NE	.4		.1									.6	3.6
ENE	.1	.1	.1									.3	6.0
E	.8	.2	.1	.1								1.2	4.5
ESE	.1	.1	.2	.3	.4							1.2	12.3
SE	1.5	2.3	2.5	2.3	.8	.8	.2					10.4	10.2
SSE	.4	.8	1.0	.3								2.6	6.7
S	1.2	.3	.2									1.8	3.6
SSW	.4	.1										.6	2.6
SW	.9	.2	.1									1.2	3.5
WSW	.9	.2	.2									1.3	3.8
W	4.1	2.9	.4									7.5	3.8
WNW	7.0	5.0	3.2	.2	.1							15.6	4.8
NW	5.9	6.3	2.6	.8	.2							15.8	5.3
NNW	.4	.6	.9	1.1	.2							3.2	9.1
VARBL													
CALM												35.4	
	25.4	19.4	11.7	5.3	1.8	.8	.2					100.0	3.8
	TOTAL NUMBER OF OBSERVATIONS												895

ALLIED/BBN BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 STATION COMDx BC DOT APT STATION NAME 54-63 YEARS SEP MONTH 0300-0500 HOURS (LST)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR.													
N	.1	.1										.2	4.0
NNE	.1											.1	2.0
NE		.1										.1	5.0
ENE													
E	.3		.1									.4	4.3
ESE	.1	.1	.2	.4	.4	.1	.1					1.6	15.1
SE	.8	1.6	1.9	3.4	1.1	.6						9.3	11.6
SSE	.4	.3	.7	.7	.3							2.4	9.8
S	.7	.1	.1									.9	3.8
SSW	.2	.1	.1									.4	4.5
SW	.6	.3										.9	3.6
WSW	.7	.3	.1									1.1	4.0
W	4.7	2.6	.6									7.8	3.7
WNW	7.6	7.2	2.2	.3								17.4	4.5
NW	6.3	4.9	3.2	1.6	.1							16.1	5.7
NNW	1.1	.7	.3	.3								2.4	5.7
VARBL													
CALM												38.7	
	23.7	18.5	9.6	6.8	2.0	.7	.1					100.0	3.8
TOTAL NUMBER OF OBSERVATIONS												899	

ALLIED/EGY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.7	.6	.1									1.3	4.2
NNE	.1	.1										.2	4.0
NE	.2											.2	3.0
ENE	.1											.1	3.0
E		.1										.1	5.0
ESE	.2	.1	.2	.8	.2	.1	.2					1.9	14.1
SE	.8	1.1	2.9	3.3	1.4	.4	.1					10.1	11.8
SSE	.3	.2	.9	.9	.1							2.4	9.5
S	1.2	.2			.1							1.6	4.2
SSW	.2	.1		.1								.4	6.3
SW	.7	.2										.9	2.9
WSW	.2	.4	.1									.8	4.4
W	4.7	1.6	.3									6.6	3.5
WNW	6.7	6.7	2.1	.2								15.7	4.5
NW	8.4	6.1	3.8	1.0								19.3	5.0
NNW	1.0	1.4	1.6	.7								4.7	6.7
VARBL													
CALM												33.7	
	25.6	19.0	12.0	7.0	1.9	.6	.3					100.0	4.1
	TOTAL NUMBER OF OBSERVATIONS												900

ALLIED/BGN BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT API STATION NAME 54-63 YEARS SFP MONTH 0900-1100 HOURS (LST)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
DIR.													
N	5.3	7.1	5.7	.3								18.5	5.4
NNE	1.1	1.7	.6									3.3	4.6
NE	1.4	1.3	.2									3.0	4.1
ENE	.8	.8										1.6	3.8
E	1.3	1.7	.7	.1								3.8	4.9
ESE	.6	.7	2.0	1.4	.3	.2						5.2	10.3
SE	1.1	2.8	3.9	4.0	2.4	1.1	.2					15.6	11.6
SSE		.8	.8	1.3	.1							3.0	10.2
S	.8	.6	.1									1.4	3.6
SSW		.1										.1	5.0
SW	.6			.1								.7	4.7
WSW	.1	.1										.2	3.0
W	.3	.1	.1									.6	3.8
WNW	.2	.7	.7	.2								1.8	7.2
NW	1.8	2.4	3.0	.9	.3							8.5	7.1
NNW	1.6	6.7	12.1	3.0	.1							23.5	7.7
VARBL													
CALM												9.2	
	17.0	27.5	29.8	11.5	3.3	1.3	.2					100.0	6.8
TOTAL NUMBER OF OBSERVATIONS												898	

ALLIED/BURT BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292
 STATION

COMOX SC DOT API
 STATION NAME

54-63

YEARS

SEP
 MONTH

1200-1400
 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-65	%	MEAN WIND SPEED
DIR.													
N	2.7	6.8	6.4	.7								16.6	6.1
NNE	2.1	3.6	.8									6.5	4.6
NE	4.7	4.9	1.0									10.7	4.2
ENE	1.2	3.6	1.0									5.8	5.2
E	1.2	2.6	1.2	.2								5.3	5.3
ESE	.9	1.1	2.8	3.1	1.5	.1		.1				9.6	11.3
SE	1.2	3.6	4.5	5.0	2.5	.7	.1					17.6	10.7
SSE	.6	.3	2.0	.9								3.8	8.6
S	.4	.2	.1	.2								1.0	5.4
SSW				.1								.1	15.0
SW													
WSW													
W	.1	.2										.3	4.0
WNW	.1	.2	.1									.4	5.3
N.W	.4	1.5	2.4	1.0	.3	.1						5.7	8.8
NNW	.4	2.8	6.1	2.7	.3	.1						12.4	8.9
VARBL												4.0	
CALM													
	16.3	31.5	28.4	14.0	4.6	1.0	.1	.1				100.0	7.4
	TOTAL NUMBER OF OBSERVATIONS												892

ALLIED/BGRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 CCMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

SEP
MONTH

1500-1700
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	3.7	3.9	1.2	.1								9.0	4.7
NNE	1.1	.9	.1									2.1	3.8
NE	4.4	2.8	.3									7.5	3.8
ENE	1.6	1.3	.6									3.5	4.3
E	3.0	1.2	.1	.1								4.5	3.8
ESE	.8	1.2	1.9	1.5	.4	.6						6.4	10.3
SE	3.6	4.5	6.6	5.0	1.7	.7						22.1	9.2
SSE	1.1	1.3	2.6	.8	.1							5.9	7.5
S	1.0	1.1	.3	.4								2.9	5.8
SSW	.3											.3	3.0
SW		.2										.2	4.0
WSW													
W	.2	.1										.3	3.3
WNW	.7	.6	.6									1.8	5.4
NW	2.1	2.0	2.7	1.5	.2							8.5	7.2
NNW	1.7	4.0	4.1	1.8	.2							11.9	7.3
VARBL												13.0	
CALM												100.0	6.0
	25.3	25.3	21.2	11.2	2.7	1.2							
	TOTAL NUMBER OF OBSERVATIONS												892

ALLIED-BOWY BUSINESS SYSTEMS

120524

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

SURFACE WINDS

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

24292 --- COMOX BC DOT APT
STATION STATION NAME

54-63

YEARS

SEP

ALL WEATHER
CLASS

1800-2000
MONTH HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55	%	MEAN WIND SPEED
DIR.													
N	.3	.3										.7	4.2
NNE	.4	.2										.7	3.2
NE	1.1	.1										1.2	2.4
ENE	.4											.4	2.5
E	1.2	.3	.2	.2								2.0	4.5
ESE	.7	.8	.9	.9								3.2	8.1
SE	3.9	1.8	4.5	3.3	1.5	.4	.1	.1				15.6	9.4
SSE	2.0	1.1	1.6	.8	.1							5.6	6.4
S	1.8	.7	.6	.8	.1							3.1	4.6
SSW	.4	.1	.1									.7	4.2
SW	1.2	.6	.3									2.1	3.9
WSW	.6	.3	.1									1.0	3.8
W	1.8	.6	.2									2.6	3.7
WNW	2.7	2.5	.9	.6								6.6	5.0
NW	3.9	3.5	3.1	.8								11.3	5.7
NNW		1.5	1.8	1.0								4.2	8.2
VARBL													
CALM												39.0	
	22.5	14.3	14.3	7.6	1.7	.4	.1	.1				100.0	4.0
	TOTAL NUMBER OF OBSERVATIONS												896

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

SEP
MONTH
 2100-2300
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.6	.2	.2									1.0	4.0
NNE	.3	.1										.4	3.3
NE	1.0	.1										1.1	2.6
ENE	.4											.4	2.3
E	.7	.2		.2								1.1	5.0
ESE	.2	.2	.8	.6	.2							2.0	10.2
SE	1.7	1.9	3.3	2.1	1.0	.4	.1					10.6	9.7
SSE	.8	.6	1.1	.4								3.0	7.6
S	1.5	.3	.1	.1								2.0	3.8
SSW	.3	.1	.4									.9	5.4
SW	.9	.7	.3	.1								2.0	4.9
WSW	.6	.3										.9	4.0
W	2.9	2.6	.3									5.8	3.9
WNW	3.8	5.0	1.5									10.3	4.5
NW	5.5	7.0	3.1	.8								16.4	5.0
NNW	.3	1.2	.9	.9	.1							3.5	8.1
VARBL													
CALM												38.5	
	21.4	20.6	12.2	5.2	1.3	.6	.1					100.0	3.7
	TOTAL NUMBER OF OBSERVATIONS												896

ALLIED/FERRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

STATION 24292 COMDX BC DOT API STATION NAME CLASS 54-63 YEARS MONTH OCT
 HOURS (LST) 0000-0200

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.8
NNE												.1	2.0
NE	.1											.1	3.0
ENE	.1											.2	12.0
E	.1				.1							.2	12.0
ESE	.4	.2	.5	.5	.9	.5	.4	.1				3.7	16.3
SE	1.9	1.6	3.3	4.2	4.0	2.2	.3					17.5	13.0
SSE	.8	.5	1.8	1.3	.2							4.6	9.3
S	1.5	1.4	.6	.3	.1							4.0	5.4
SSW	.8	.2	.3									1.3	4.3
SW	1.4	.3	.1									1.8	3.4
WSW	.9	.2	.4	.1								1.6	4.6
W	3.7	2.9	.4									7.0	3.8
WNW	4.3	5.1	1.8	.4								11.6	4.9
NW	4.5	3.4	1.1	.4								9.5	4.5
NNW	.3	.3	.3									1.0	5.2
VARBL												35.6	
CALM													
	21.2	16.2	10.9	7.3	5.3	2.7	.8	.1				100.0	5.1
TOTAL NUMBER OF OBSERVATIONS												930	

ALLIED/CGRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 CQMOX BC DDT APT
STATION STATION NAME

54-63
YEARS

OCT
MONTH
 0300-0500
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.4	.1										.5	3.0
NNE													
NE	.2	.1										.3	3.7
ENE													
E	.1	.1										.2	3.5
ESE	.1	.1	.2	.6	.6	.5	.1					2.4	17.0
SE	1.7	1.0	3.1	4.7	4.7	3.0	.2					18.5	14.3
SSE	.3	1.2	1.8	1.9	.2							5.5	9.3
S	1.2	1.1	.5	.1								2.9	5.0
SSW	.5	.2	.1									.9	3.9
SW	.5	.6	.2									1.4	4.2
WSW	.6	.5										1.2	3.6
W	5.6	2.8	1.0									9.4	3.7
WNW	4.7	4.1	1.6	.4								10.9	4.7
NW	4.2	2.9	1.8	.4								9.4	4.9
NNW	.3		.3									.6	5.2
VARBL													
CALM												36.0	
	20.6	14.8	10.8	8.3	5.6	3.5	.3					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/CORY BUSINESS SYSTEMS

150824

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

OCT
MONTH
 0600-0800
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.1		.1									.2	4.5
NNE	.1	.1										.2	3.5
NE													
ENE	.1											.1	3.0
E		.1										.1	4.0
ESE	.2	.2	.5	.9	.3	.8	.1					3.0	15.3
SE	.9	1.0	3.3	5.5	4.3	2.6	.5					18.1	14.9
SSE	1.0	1.1	1.1	1.6	.5							5.3	9.0
S	1.3	1.0	.3									2.6	4.2
SSW	.2	.1										.3	3.0
SW	1.9	.6	.1									2.7	3.5
WSW	1.3	1.0	.2									2.5	3.9
W	5.4	2.9	.4									8.7	3.7
WNW	3.1	3.9	1.3	.3								8.6	4.8
NW	4.8	4.0	1.4	.4								10.7	4.6
NNW	.2	.1	.3									.6	6.7
VARBL													
CALM												36.2	
	20.7	16.1	9.2	8.7	5.2	3.3	.6					100.0	5.2
	TOTAL NUMBER OF OBSERVATIONS											928	

ALLIED/BRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DQT APT
STATION STATION NAME

54-63
YEARS

0CT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-65	%	MEAN WIND SPEED
DIR.													
N	2.7	2.5	1.3	.1								6.6	4.6
NNE	1.6	.5	.1									2.3	3.3
NE	1.4	.9										2.3	3.5
ENE	.4	.9	.1									1.4	4.3
E	1.0	.6	.8			.1						2.5	5.6
ESE	.9	.8	.9	.9	1.1	.8	.1	.1				5.4	12.8
SE	.9	3.2	3.9	6.4	5.1	2.3	.3	.2				22.2	13.7
SSE	.9	1.1	2.5	1.8		.1						6.4	9.1
S	.9	1.1	.6	.2								2.8	5.4
SSW	.2	.2	.1	.1								.6	5.8
SW	1.4	.2	.1	.1								1.8	4.0
WSW	.4	.3	.1									.9	4.4
W	1.1	.6	.1									1.8	3.5
WNW	1.5	1.5	1.1	.3								4.4	5.4
NW	3.8	3.8	2.6	1.4								11.5	5.8
NNW	2.3	2.5	2.8	.8								8.3	6.3
VARBL												18.9	
CALM													
	21.2	20.7	17.0	12.1	6.1	3.2	.4	.3				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

928

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

OCT
MONTH
 1200-1400
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
DIR.													
N	3.2	4.5	3.2	1.0								11.9	5.7
NNE	1.7	1.7	.3									3.8	3.9
NE	4.4	3.4	.4									8.3	3.8
ENE	1.5	1.6	.2									3.3	4.1
E	.9	2.4	2.0	.2								5.5	6.1
ESE	.5	1.3	1.8	2.3	1.4	.1						7.4	10.9
SE	.8	2.5	6.5	9.9	6.9	1.3	.2	.1				28.1	13.2
SSE	.4	1.2	1.3	1.5	.1	.2						4.7	9.9
S	.5	.4	.4	.3	.1							1.8	7.1
SSW	.1	.1	.5	.2								1.0	9.0
SW	.4											.4	2.8
WSW	.1	.1	.1									.3	6.3
W	.2	.1	.2									1.2	4.0
WNW	.2	.2										.4	4.0
NW	1.1	2.2	1.7	1.2	.3							6.5	7.5
NNW	.9	2.6	3.8	1.2	.2							8.6	7.5
VARBL												6.8	
CALM													
	17.6	24.3	22.6	17.7	9.0	1.6	.2	.1				100.0	8.0
	TOTAL NUMBER OF OBSERVATIONS											930	

ALLIED/BERRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT API STATION NAME

54-63 YEARS

OCT MONTH

ALL WEATHER CLASS

1500-1700 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-60	%	MEAN WIND SPEED
N	2.8	1.4	.7	.2								5.1	4.2
NNE	.9	.5										1.4	3.2
NE	2.8	.7	.1									3.6	3.1
ENE	.5	.8	.1									1.4	4.1
E	1.7	1.3	.4									3.5	4.2
ESE	.9	.5	.7	2.2	1.3	.5	.2					6.3	13.0
SE	3.1	3.0	7.7	10.2	3.4	.7	.1					28.2	11.0
SSE	.9	1.6	2.9	1.7								7.2	8.1
S	1.0	1.2	.5									2.7	4.6
SSW		.1	.2									.3	7.3
SW	.8	.2	.4	.3								1.7	6.8
WSW	.2	.4	.3									1.0	5.7
W	1.3	.2	.2									1.7	3.5
WNW	1.0	.9	.3									2.2	4.5
NW	3.3	3.5	2.1	.4	.1							9.3	5.5
NNW	1.2	3.0	2.1	.7	.1							7.1	6.2
VARBL													
CALM												17.3	
	22.4	19.4	18.8	15.7	4.9	1.2	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

921

ALLIED/BGY BUSINESS SYSTEMS

150024

2

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT APT STATION NAME

54-63 YEARS

OCT MONTH

1800-2000 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS)	1-3	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	1.5
NNE													
NE	.2	.1	.1									.4	4.3
ENE	.2											.2	3.0
E	.2	.2	.1									.5	4.2
ESE	.3	.4	.2	1.4	.6	.8	.1					3.9	14.7
SE	1.9	2.6	5.4	7.0	2.9	1.2						21.1	11.3
SSE	.9	.9	2.3	2.3	.2							6.5	9.5
S	1.1	1.4	.4	.2								3.1	5.2
SSW	.9		.2									1.1	3.6
SW	1.0	.9	1.0	.1								2.9	5.6
WSW	1.1	.2										1.3	3.1
W	2.9	1.4	.5									4.9	3.9
WNW	2.9	3.5	.4	.4								7.3	4.6
NW	4.1	2.9	1.9	.2								9.2	4.7
NNW	.3	.2	.8									1.3	6.5
VARBL												36.0	
CALM													
	18.3	14.7	13.4	11.7	3.8	1.9	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

924

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

SPEED (KNTS)	1-3	4-6	7-10	11-14	15-17	18-20	21-23	24-40	41-47	48-56	56	%	MEAN WIND SPEED
DIR.													
N	.3	.1										.4	3.3
NNE													
NE	.1											.1	2.0
ENE	.1											.1	2.0
E	.3	.2	.1									.6	4.2
ESE	.3	.3	.6	1.4	1.2	.4	.2					4.5	14.9
SE	1.6	1.4	5.2	5.7	2.6	1.6	.1					18.2	12.2
SSE	1.5	.9	1.1	1.3	.3	.1						5.2	8.3
S	1.2	1.9	.9	.2								4.2	5.2
SSW	.1	.3	.2									.6	5.5
SW	.5	.1	.6									1.3	5.3
WSW	1.6	.6										2.3	3.4
W	3.7	1.3	.3									5.3	3.5
WNW	3.0	3.8	1.6	.2								8.6	4.9
NW	4.0	3.8	2.7	.5								11.0	5.2
NNW	.5	.3	.2		.1							1.2	5.3
VARBL												36.3	
CALM													
	19.0	15.1	13.6	9.4	4.2	2.2	.3					100.0	5.0
TOTAL NUMBER OF OBSERVATIONS												928	

ALLEN/IBM BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

NOV
MONTH
 0000-0200
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	55	%	MEAN WIND SPEED
DIR.													
N	.4											.4	2.8
NNE	.1											.1	3.0
NE		.1										.1	4.0
ENE	.1											.1	3.0
E	.2	.2	.1	.1								.7	6.0
ESE	.6	.3	.4	1.3	1.0	.1	.2	.1				4.1	13.6
SE	1.2	1.3	1.9	5.0	4.7	2.1	.6	.3				17.2	15.5
SSE	.7	.7	1.2	1.6	.3	.1				.1		4.6	10.3
S	2.0	1.9	1.6	.1								5.6	5.0
SSW	.9	.4	.8	.1								2.2	5.7
SW	1.8	1.1	.4									3.3	4.3
WSW	1.0	.9	.3	.1								2.3	4.6
W	5.9	3.2	.4	.1								9.7	3.6
WNW	2.7	3.3	2.3	.4	.1	.1						9.0	5.8
NW	3.6	1.6	1.8	1.0								7.9	5.9
NNW	.1		.6	.6	.1							1.3	11.0
VARBL													
CALM												31.3	
	21.2	15.1	11.9	10.4	6.2	2.4	.8	.4		.1		100.0	5.9
TOTAL NUMBER OF OBSERVATIONS												900	

150024 ALLIED/EGRY BUSINESS SYSTEMS

2

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

SURFACE WINDS

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

STATION 24292 STATION NAME COMUX BC DOT APT YEARS 54-63 MONTH NOV
 CLASS ALL WEATHER HOURS (LST) 0300-0500
 CONDITION _____

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.4											.4	2.5
NNE												.2	4.5
NE	.1	.1										.1	5.0
ENE		.1										.3	6.0
E	.1	.1	.1									.3	6.0
ESE	.1	.2	.8	.7	1.2	.6			.1			3.7	15.6
SE	.7	.8	2.6	4.4	4.3	3.4	.3	.2	.1	.1		17.0	16.3
SSE	.6	.8	1.8	1.4		.1						4.7	8.8
S	2.0	1.8	1.9	.4								6.1	5.6
SSW	.6	.9	.1	.1								1.7	4.9
SW	.7	1.7	.3	.1								2.8	5.1
WSW	.6	.4	.3									1.3	4.5
W	5.6	3.3	1.0									9.9	3.8
WNW	3.6	4.3	1.7	.8	.2		.1					10.7	5.7
NW	2.4	3.0	2.7	1.9	.3							10.3	7.1
NNW	.6	.1		.1								.8	4.3
VARBL													
CALM												30.0	
	17.9	17.7	13.2	10.0	6.1	4.1	.4	.2	.2	.1		100.0	6.2
	TOTAL NUMBER OF OBSERVATIONS											900	

ALLIES/EGRY BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292 COMDX BC DUT APT
STATION STATION NAME

54-63
YEARS

NOV
MONTH
 0600-0800
HOURS (LST)

ALL WEATHER
CLASS

SECTION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-23	24-30	31-37	38-43	44-50	51-57	58-63	%	MEAN WIND SPEED
DIR													
N	.3		.1									.4	2.8
NNE	.1											.1	3.0
NE													
ENE		.1										.1	5.0
E			.1	.1								.2	11.5
ESE	.2	.1		.8	1.3	.4						3.1	17.3
SE	1.2	.6	2.8	5.7	4.3	2.1	1.1	.4				18.3	15.8
SSE	.4	.3	1.8	1.8	1.0	.2						5.6	11.6
S	2.8	1.1	.4	.1								4.5	4.0
SSW	.9	.3	.2	.1								1.6	4.7
SW	1.6	1.0	.6									3.1	4.1
WSW	1.7	1.3	.1									3.1	3.9
W	6.9	2.7	.8									10.4	3.5
WNW	4.0	3.1	1.1	.9	.2	.2						9.6	5.8
NW	2.4	1.3	.6	2.0	.2							6.6	7.2
NNW	.2				.1							.3	7.7
VARBL												33.1	
CALM													
	22.8	12.0	8.6	11.5	7.2	3.0	1.3	.4				100.0	6.0
	TOTAL NUMBER OF OBSERVATIONS											898	

2

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

SURFACE WINDS

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

24292 STATION CDMOX BC DOT APT STATION NAME

54-63 YEARS

NOV MONTH

ALL WEATHER CLASS

0900-1100 HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.8	.9	.1	.1								1.9	4.8
NNE	.2	.1										.3	3.7
NE	.2	.2										.4	3.5
ENE	.2											.2	3.0
E	1.1	.6										1.7	3.3
ESE	.3	.2	.4	.9	1.0	.3	.4					3.7	15.8
SE	1.4	1.2	3.3	7.0	6.0	1.8	1.3	.1	.1			22.3	15.0
SSE	1.1	1.2	2.6	1.4	.3							6.7	8.4
S	1.7	1.3	1.3	.2								4.2	5.2
SSW	.4	.1	.1									.7	3.8
SW	1.8	1.4	.3									3.6	3.8
WSW	1.2	.2	.1									1.6	3.4
W	3.0	1.1	.2									4.3	3.3
WNW	2.3	2.4	1.7	.4								6.9	5.8
NW	2.9	3.1	1.4	1.1	.9	.2						9.7	7.1
NNW	.7	.6	.8	.4	.2							2.7	7.9
VARBL												29.2	
CALM													
	19.4	14.4	12.4	11.7	8.4	2.3	1.8	.1	.1			100.0	6.5
	TOTAL NUMBER OF OBSERVATIONS												900

ALLIED-BIRD BUSINESS SYSTEMS

150024

2

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

SURFACE WINDS

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

24292
 STATION

COMOX BC DOT APT
 STATION NAME

54-63

YEARS

NOV
 MONTH

ALL WEATHER
 CLASS

1200-1400
 HOURS - L.S.T.

CONDITION

ALLIED/EGRY BUSINESS SYSTEMS

150524

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55	%	WIND AND SPEED
DIR.													
N	2.4	2.2	.3	.2								5.2	4.5
NNE	.8	.8										1.6	3.6
NE	2.4	1.1	.2									3.8	3.6
ENE	.8	.2										1.0	3.2
E	1.8	1.6	.4									3.8	4.1
ESE	.2	.9	1.2	2.4	2.0	.7						7.4	13.6
SE	2.8	3.1	5.4	7.4	4.9	4.1	.4	.2				28.4	13.3
SSE	1.0	2.4	1.4	2.2	.4							7.6	8.6
S	1.4	.8	1.0	.4								3.7	5.9
SSW	.3		.2	.1								.7	6.3
SW	.9	.6	.1	.2								1.8	5.1
WSW	.1	.1	.1	.1								.4	6.5
W	.8	.3										1.1	2.9
WNW	1.2	.8	.2	.4								2.7	5.8
NW	2.1	1.6	2.4	1.4	.9	.2						8.7	8.7
NNW	1.3	2.4	1.3	.4	.3	.1						6.0	6.8
VARBL												16.2	
CALM												16.2	
	20.4	18.9	14.6	15.6	8.6	5.1	.4	.2				100.0	7.8
	TOTAL NUMBER OF OBSERVATIONS											900	

2

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

SURFACE WINDS

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

24292 CDMOX BC DOT API
STATION STATION NAME

54-63
YEARS

NOV
MONTH
 1500-1700
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	1.1	.6	.3	.1								2.1	4.7
NNE	.6	.1	.1									.8	3.9
NE	1.4	.3	.1									1.9	3.5
ENE	.2	.1		.1								.4	5.8
E	1.1	.8	.2	.1								2.2	4.6
ESE	.2	.8	1.1	3.0	1.3	1.1						7.6	13.9
SE	1.9	3.3	4.7	9.0	3.4	3.2	.6	.1				26.2	13.2
SSE	.7	1.3	2.3	2.1	.3							6.8	9.5
S	1.0	2.2	1.1	.3								4.7	5.9
SSW	.1	.3	.3	.1								.9	7.3
SW	.9	.6	.2									1.7	4.0
WSW	.8	.3	.2									1.3	4.1
W	1.4	.7	.1									2.2	3.5
WNW	1.1	.8	.8	.7	.1							3.4	6.8
NW	2.0	2.3	1.7	1.6	.6	.1						8.2	7.7
NNW	1.3	1.1	1.0	.3	.1							3.9	6.6
VARBL													
CALM												25.7	
	15.9	15.7	14.3	17.4	5.9	4.4	.6	.1				100.0	7.1
	TOTAL NUMBER OF OBSERVATIONS											900	

ALLIED/BRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.1	.1	.1									.3	5.7
NNE		.1										.1	4.0
NE	.7	.2										.9	3.1
ENE	.1	.1										.2	4.0
E	.4	.1	.2									.8	5.0
ESE	.2	.1	.6	1.8	.8	.4	.1	.1				4.1	15.2
SE	.9	1.0	2.7	8.4	4.3	2.0	.7	.2				20.2	14.8
SSE	1.6	.9	2.6	3.3	.7							9.6	9.5
S	.8	.9	1.2	.1								3.0	6.0
SSW	.2	.8	1.1	.1								2.2	6.6
SW	1.7	1.3	.2									3.2	3.8
WSW	.9	1.0	.3									2.2	4.7
W	3.9	1.7	.4									6.0	3.6
WNW	2.7	2.9	1.9	.2	.1							7.8	5.4
NW	1.2	2.4	1.9	1.2	.4							7.2	7.5
NNW	.3	.6	.3		.1							1.3	6.7
VARBL													
CALM												31.3	
	15.7	14.2	13.6	15.2	6.4	2.4	.8	.3				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/EGRY BUSINESS SYSTEMS

15624

2

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

SURFACE WINDS

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

24292 COMOX HC DOT APT
STATION STATION NAME

54-63
YEARS

NDV
MONTH

2100-2300
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.2	.1										.3	3.3
NNE	.1	.1										.2	4.5
NE	.2		.1									.3	3.7
ENE	.4	.1										.6	3.0
E	.4	.1	.1									.7	3.8
ESE	.3	.2	.6	2.2	1.3	.1		.1				4.9	14.0
SE	1.6	.7	3.3	5.8	4.3	2.1	.9	.1				18.8	14.6
SSE	.6	.4	1.7	1.6	.1	.1						4.4	9.8
S	1.6	1.4	1.0	.1								4.1	5.1
SSW	.6	1.3	.7	.2								2.8	6.0
SW	1.1	1.1	.3									2.6	4.1
WSW	1.1	.7	.8	.1								2.7	5.0
W	5.0	2.3	.3									7.7	3.4
WNW	2.4	4.4	1.8	.3								9.0	5.3
NW	2.4	2.1	1.7	1.1	.6							7.9	7.1
NNW	.2			.3								.6	9.0
VARBL												32.5	
CALM													
	18.4	15.2	12.3	11.8	6.3	2.3	.9	.2				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

899

ALLIED/BERRY BUSINESS SYSTEMS

1-6524

2

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

SURFACE WINDS

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

24292 STATION CDMOX BC DOT APT STATION NAME 54-63 YEARS DEC MONTH 0000-0200 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.2	.1										.3	4.0
NNE			.1									.1	7.0
NE	.1	.1	.1									.3	5.7
ENE													
E	.1		.1									.2	5.5
ESE	.1			1.4	1.1	1.8	.4					4.8	20.0
SE	.4	.6	1.2	6.2	6.9	3.2	.4	.1				19.2	16.7
SSE	.9	.8	2.3	2.2	.5	.2						6.8	10.2
S	1.6	1.8	1.0	.4								4.6	3.2
SSW	1.3	.9	.2									2.4	3.7
SW	1.5	1.1	.5	.2								3.3	4.7
WSW	1.2	.9	.2									2.3	4.0
W	5.0	3.3	.8	.1								9.1	4.0
WNW	3.9	3.6	1.5	.4								9.4	4.9
NW	3.1	2.3	.6	.4	.1							6.6	5.1
NNW	.2	.2		.2								.6	6.2
VARBL													
CALM												29.9	
	19.6	15.6	8.6	11.4	8.6	5.3	.9	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 929

ALLIED/EGRY BUSINESS SYSTEMS

150024

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT APT STATION NAME

54-63 YEARS

DEC MONTH

ALL WEATHER CLASS

0300-0500 HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	55-64	%	MEAN WIND SPEED
DIR.													
N	.2		.1									.3	4.3
NNE													
NE	.1											.1	3.0
ENE		.1										.1	6.0
E	.1	.2										.3	4.0
ESE		.1	.4	.9	1.7	1.6	.2					4.9	18.6
SE	.9	1.1	1.5	7.0	5.8	2.9	1.4	.3				20.9	16.7
SSE	.2	.9	1.7	1.5	.6	.2						5.2	11.0
S	1.3	1.5	.5	.6	.1							4.1	6.2
SSW	.3	.4	.1									.9	4.4
SW	1.5	1.0	.4									2.9	4.1
WSW	1.5	1.2	.1									2.8	3.8
W	5.5	3.2	.5									9.2	3.7
WNW	4.5	4.6	1.7	.3								11.2	4.8
NW	1.9	3.0	1.2	.6								6.8	5.6
NNW	.1	.1	.1	.1								.4	6.3
VARBL												29.9	
CALM													
	18.2	17.4	8.5	11.1	8.3	4.7	1.6	.3				100.0	6.8
	TOTAL NUMBER OF OBSERVATIONS											930	

ALLIED/EGRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 STATION COMOX BC DOT API STATION NAME 54-63 YEARS DEC MONTH 0600-0800 HOURS (LST)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR.													
N	.1											.1	3.0
NNE												.1	3.0
NE	.1											.2	7.5
ENE		.1	.1									.2	10.5
E		.1			.1							.2	18.0
ESE	.1	.3	.1	1.3	1.2	1.3	.2					4.5	18.0
SE	1.1	1.1	2.2	5.5	6.2	4.2	.4	.1				20.8	16.1
SSE	.8	.4	1.9	2.7	.9		.1					6.8	11.3
S	2.0	1.5	1.0	.2								4.7	5.2
SSW	.6	.2	.2	.1								1.2	4.7
SW	2.0	.8	.3	.1								3.2	4.1
WSW	1.5	1.2	.1									2.8	3.7
W	5.9	2.3	1.1	.1								9.4	3.9
WNW	4.3	3.9	1.2	.4								9.8	4.7
NW	1.7	2.5	1.1	.8	.2							6.2	6.1
NNW	.4	.3	.2									1.0	4.8
VARBL													
CALM												29.0	
	20.8	14.6	9.5	11.2	8.6	5.5	.8	.1				100.0	6.8
TOTAL NUMBER OF OBSERVATIONS												930	

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

DEC
MONTH
 0900-1100
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.1		.1									.2	5.5
NNE	.1											.1	2.0
NE	.1											.1	3.0
ENE	.2	.1	.1									.4	4.3
E	.3	.2	.1	.1								.8	5.6
ESE	.3	.3	.4	1.3	2.3	.8	.2					5.6	16.0
SE	1.1	1.3	3.3	7.6	5.7	3.7	.6					23.3	15.4
SSE	.9	.8	2.2	2.7	.1							6.6	9.8
S	1.8	1.6	1.0	.1	.1							4.6	5.3
SSW	.9	.5	.5	.1								2.0	5.2
SW	1.7	1.1	.5	.1								3.4	4.7
WSW	1.8	.6	.2									2.7	3.7
W	4.7	1.9	.1									6.8	3.3
WNW	3.7	2.4	.9	.4								7.3	4.6
NW	3.4	3.4	1.6	.9	.2							9.6	5.6
NNW	.3	.5	.3	.3								1.5	7.1
VARBL												24.9	
CALM													
	21.5	14.8	11.4	13.7	8.4	4.4	.9					100.0	7.0
	TOTAL NUMBER OF OBSERVATIONS												930

ALLIED/EGY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

DEC
MONTH
1200-1400
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N	1.2	1.4	.2									2.8	4.3
NNE	.5	.1										.6	3.0
NE	.4	.2										.6	3.0
ENE	.4	.6	.1									1.2	4.5
E	.4	.2		.1								.8	4.9
ESE	.5	.4	.5	1.4	2.3	1.1	.1					6.3	15.3
SE	1.7	1.9	3.7	8.5	5.7	3.9	.4					25.8	14.4
SSE	.9	1.5	2.9	2.9	.3	.1						8.6	9.6
S	1.6	1.8	1.4	.5								5.4	5.9
SSW	.8	.4	.2									1.4	4.5
SW	1.1	.1	.4	.3								1.9	5.8
WSW	.9		.3									1.2	4.1
W	2.0	.6	.1									2.8	3.2
WNW	1.8	1.4	1.6	.1	.1							5.1	5.8
NW	3.0	3.7	2.7	1.2	.1							10.6	6.0
NNW	1.8	2.0	1.6	.2	.1							5.8	5.6
VARBL												19.0	
CALM													
	19.1	16.6	15.8	15.3	8.6	5.1	.5					100.0	7.6
	TOTAL NUMBER OF OBSERVATIONS											930	

ALLIED/BERRY BUSINESS SYSTEMS

150524

2

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

SURFACE WINDS

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

24292 COMOX BC DOT API
STATION STATION NAME

54-63
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.8	.8	.3									1.8	4.4
NNE	.1											.1	3.0
NE	.6	.1										.8	2.9
ENE	.2	.1										.3	3.3
E	1.1	.1	.1									1.3	3.6
ESE	.5	.5	.8	1.7	1.3	1.0	.2	.1				6.1	14.8
SE	1.3	2.5	4.5	8.4	5.6	2.9		.2	.1			25.5	13.9
SSE	.5	1.4	1.2	1.9	.3							5.4	9.4
S	2.3	1.5	1.0	.5								5.3	5.1
SSW	.1	.6	.2	.1								1.1	6.1
SW	.9	.5	.8	.1								2.3	5.4
WSW	.5	.2	.2	.1								1.1	5.2
W	2.6	.9	.2									3.7	3.4
WNW	2.4	1.9	.4	.1								4.8	4.3
NW	4.5	3.5	2.2	1.2								11.4	5.5
NNW	1.0	.3	.1	.2								1.6	4.9
VARBL												27.5	
CALM													
	19.4	15.1	11.9	14.4	7.2	3.9	.2	.3	.1			100.0	6.7
TOTAL NUMBER OF OBSERVATIONS												930	

ALLIED/EGW BUSINESS SYSTEMS

15052A

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT
STATION STATION NAME

54-63
YEARS

DEC
MONTH
1800-2000
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	>56	%	MEAN WIND SPEED
DIR.													
N	.4	.2										.6	3.2
NNE												.3	5.0
NE	.2		.1									.2	6.0
ENE	.1		.1									.2	6.2
E	.4	.4	.4		.1							1.4	6.2
ESE	.2	.2	.3	1.1	1.5	1.2	.1	.2	.1			4.9	18.7
SE	.8	2.0	3.3	6.6	4.0	4.0	.5	.2				21.4	15.1
SSE	.3	1.1	2.3	1.3	.4	.1						5.5	9.9
S	2.4	1.4	1.0	.1			.1					4.9	5.1
SSW	.5	.5	.4	.2								1.7	5.8
SW	1.7	1.4	.8									3.9	4.4
WSW	1.7	.5	.2									2.5	3.7
W	5.4	2.2	.3									7.8	3.6
WNW	2.5	2.0	1.8	.1								6.5	5.2
NW	1.7	3.1	1.7	.9								7.4	6.3
NNW	.2		.2	.2								.6	8.2
VARBL													
CALM												30.2	
	18.6	15.2	13.0	10.4	6.0	5.3	.8	.4	.1			100.0	6.6
	TOTAL NUMBER OF OBSERVATIONS												930

ALLIED/EGRY BUSINESS SYSTEMS

150524

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

SURFACE WINDS

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

24292
 STATION

COMOX BC DOT APT
 STATION NAME

54-63
 YEARS

DEC
 MONTH

ALL WEATHER
 CLASS

2100-2300
 HOURS (LST)

UNIT: %

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56	56	%	MEAN WIND SPEED
DIR.													
N													
NNE													
NE	.1	.1										.2	3.5
ENE		.1										.1	5.0
E	.2	.1										.3	3.0
ESE	.4	.1	.2	1.3	1.5	1.0						4.5	16.4
SE	1.3	1.4	2.2	7.1	5.9	4.9	1.1					23.9	16.1
SSE	.1	.9	1.3	1.2	.2		.1					3.8	10.4
S	2.3	1.0	.6	.1								4.0	4.2
SSW	.4	.4	.1	.1								1.1	5.0
SW	2.2	1.4	.1	.2								3.9	4.3
WSW	2.2	1.0	.2	.2								3.5	4.4
W	4.8	2.5	.1									7.4	3.5
WNW	1.9	3.4	1.4	.1								6.9	4.9
NW	3.0	1.8	1.1	1.0	.1							7.0	5.6
NNW	.1	.2		.3								.6	8.5
VARBL													
CALM												32.8	
	19.0	14.4	7.3	11.6	7.7	5.9	1.2					100.0	6.6
	TOTAL NUMBER OF OBSERVATIONS												930

2

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

SURFACE WINDS

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

24292 COMOX BC DOT APT STATION NAME

54-63 YEARS

ALL MONTH
 ALL HOURS 11577

INSTRUMENT CLASS

CIG 200 TO 1400 FT W/ VSHY 1/2 MI OR MORE,

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

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
DIR.													
N	.4	.4	.1									.9	4.0
NNE	.1	.1	.0	.0								.3	4.3
NE	.4	.1	.1	.0								.7	3.8
ENE	.2	.2	.1	.0	.0							.5	5.3
E	.6	.4	.4	.1	.0							1.5	5.7
ESE	.4	.6	1.1	2.2	2.4	1.7	.4	.1	.0	.0		9.0	16.3
SE	1.8	2.4	5.6	10.7	8.1	5.3	1.1	.4	.0	.0		35.5	15.1
SSE	.8	1.2	2.2	2.3	.5	.3	.1	.0				7.5	10.5
S	1.7	1.3	.7	.2	.0	.0						4.0	5.0
SSW	.5	.2	.1			.0						.8	4.1
SW	.9	.4	.1	.0								1.4	3.6
WSW	.4	.2	.0									.7	3.6
W	2.3	.6	.1	.0								3.0	3.2
WNW	2.0	1.5	.4	.1								4.1	4.4
NW	2.8	2.1	1.0	.2								6.1	4.7
NNW	.4	.4	.4	.1	.0							1.4	6.2
VARBL												22.6	
CALM													
	15.9	12.2	12.4	16.0	11.2	7.4	1.6	.6	.0	.0		100.0	8.8
	TOTAL NUMBER OF OBSERVATIONS											12019	

ALLIED/BGR BUSINESS SYSTEMS

160524

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

PART D

CEILING VERSUS VISIBILITY

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

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

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

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

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below:

JANUARY _____
FEBRUARY _____
MARCH _____

APRIL _____
MAY _____
JUNE _____

JULY _____
AUGUST _____
SEPTEMBER _____

OCTOBER _____
NOVEMBER _____
DECEMBER _____

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

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

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

ADDITIONAL EXAMPLES

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

The value 91.0 read from the table at the intersection of ≥ 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 observation meet the criteria: "ceiling ≥ 500 feet with vsby ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with vsby ≥ 1 miles."

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

2

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

CEILING VERSUS VISIBILITY

24232 STATION COMUX DC DGI API STATION NAME 54-63 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	41.1	41.0	41.1	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.6	41.7
≥ 20000	40.3	41.2	41.3	41.4	41.5	41.5	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.8	41.9
≥ 18000	40.7	41.5	41.6	41.7	41.8	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.1	42.1	42.1	42.3
≥ 16000	41.8	42.7	42.8	42.9	43.0	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.5
≥ 14000	43.9	44.8	45.0	45.1	45.2	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.5	45.7
≥ 12000	47.6	48.7	48.9	49.0	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.5	49.6
≥ 10000	49.5	50.8	50.9	51.1	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.6	51.7
≥ 9000	53.1	54.6	54.8	54.9	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.5	55.6
≥ 8000	55.2	56.9	57.1	57.3	57.5	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.9	58.0
≥ 7000	56.7	58.4	58.7	58.9	59.1	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.5	59.5	59.7
≥ 6000	60.9	63.0	63.4	63.6	63.9	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.5
≥ 5000	62.6	65.0	65.4	65.6	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.5
≥ 4500	66.3	69.3	69.7	70.1	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.9	71.1
≥ 4000	68.4	71.7	72.2	72.6	72.9	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.5	73.6
≥ 3500	71.5	75.5	76.2	76.7	77.1	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.8
≥ 3000	73.4	78.0	78.8	79.4	79.9	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.6	80.7
≥ 2500	74.8	80.0	80.9	81.6	82.2	82.3	82.6	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.1
≥ 2000	75.1	80.5	81.4	82.1	82.7	82.9	83.1	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.6	83.7
≥ 1800	76.3	82.3	83.4	84.2	85.0	85.2	85.5	85.7	85.7	85.8	85.8	85.8	85.9	85.9	86.0	86.1
≥ 1500	77.1	83.9	85.2	86.2	87.2	87.4	87.8	88.0	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.5
≥ 1200	77.8	85.2	86.6	87.8	89.0	89.3	89.8	90.0	90.0	90.2	90.3	90.3	90.4	90.4	90.5	90.6
≥ 1000	78.1	85.7	87.3	88.6	89.9	90.2	90.8	91.0	91.1	91.3	91.4	91.4	91.5	91.5	91.6	91.7
≥ 900	78.3	86.6	88.3	89.7	91.2	91.5	92.2	92.5	92.6	92.8	92.9	92.9	93.1	93.1	93.2	93.3
≥ 800	78.5	87.1	88.9	90.5	92.1	92.5	93.3	93.7	93.7	94.0	94.1	94.2	94.3	94.3	94.4	94.5
≥ 700	78.7	87.5	89.5	91.2	93.1	93.5	94.4	94.9	94.9	95.3	95.4	95.5	95.6	95.6	95.7	95.8
≥ 600	78.8	87.9	89.9	91.8	93.9	94.4	95.5	96.1	96.1	96.6	96.8	96.9	97.1	97.1	97.2	97.4
≥ 500	78.8	88.0	90.1	92.0	94.3	94.8	96.1	96.8	96.8	97.3	97.6	97.6	97.9	97.9	98.1	98.1
≥ 400	78.8	88.0	90.2	92.1	94.4	95.0	96.4	97.1	97.2	97.8	98.1	98.1	98.4	98.5	98.7	98.7
≥ 300	78.8	88.1	90.2	92.2	94.5	95.1	96.5	97.3	97.3	98.0	98.3	98.4	98.7	98.8	99.0	99.0
≥ 200	78.8	88.1	90.2	92.2	94.5	95.1	96.5	97.3	97.4	98.0	98.3	98.4	98.8	98.9	99.2	99.2
≥ 100	78.8	88.1	90.2	92.2	94.5	95.1	96.5	97.3	97.4	98.0	98.3	98.4	98.8	98.9	99.2	99.2
≥ 0	78.8	88.1	90.2	92.2	94.5	95.1	96.5	97.3	97.4	98.0	98.3	98.4	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 27548

ALLIED/CRY BUSINESS SYSTEMS 150523

1
2

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

CEILING VERSUS VISIBILITY

STATION 24242 COMDX HC DDI API STATION NAME 54-63 YEARS JUN MONTH ALL YEARS (U.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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	1/4	1/8	0	
NO CEILING	21.1	21.6	21.6	21.7	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
20000	21.2	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
18000	21.7	22.2	22.2	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
16000	22.5	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
14000	23.4	24.1	24.1	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
12000	26.3	27.1	27.1	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
10000	27.6	28.5	28.6	28.6	28.7	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
9000	29.9	31.0	31.1	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
8000	31.1	32.3	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
7000	31.5	32.7	32.9	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
6000	33.3	34.7	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
5000	34.2	35.8	36.0	36.0	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
4500	37.8	39.9	40.2	40.2	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
4000	40.3	42.6	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
3500	44.7	47.9	48.3	48.5	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
3000	48.5	52.6	53.2	53.5	53.8	53.8	54.0	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
2500	52.2	57.3	58.1	58.6	58.9	59.1	59.2	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5
2000	53.1	58.5	59.3	59.9	60.3	60.3	60.6	60.7	60.8	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.0
1800	56.8	63.7	64.8	65.5	66.3	66.4	66.8	67.0	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3
1500	59.8	68.9	70.5	71.8	73.0	73.3	73.8	74.1	74.1	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5
1200	61.5	71.6	73.6	75.5	77.0	77.4	78.2	78.6	78.6	78.9	79.1	79.1	79.1	79.3	79.3	79.3	79.3
1000	62.1	72.9	75.2	77.4	79.1	79.6	80.0	81.1	81.2	81.5	81.7	81.7	81.7	81.8	81.9	82.0	82.0
900	62.6	74.6	77.1	79.6	81.6	82.1	83.5	84.1	84.1	84.6	84.8	84.8	84.8	85.0	85.0	85.2	85.2
800	62.9	75.5	78.4	81.2	83.5	84.2	85.7	86.4	86.5	87.0	87.2	87.3	87.5	87.6	87.7	87.7	87.7
700	63.2	76.5	79.6	82.6	85.3	86.0	87.8	88.6	88.7	89.3	89.6	89.8	90.1	90.1	90.3	90.3	90.3
600	63.4	77.2	80.5	83.7	86.8	87.7	89.8	91.0	91.1	91.9	92.5	92.6	93.0	93.1	93.4	93.4	93.4
500	63.3	77.3	80.7	84.1	87.4	88.3	90.7	92.0	92.1	93.1	93.8	93.9	94.4	94.5	94.9	94.9	94.9
400	63.3	77.4	80.8	84.2	87.6	88.6	91.2	92.7	92.8	94.0	94.8	95.1	95.7	95.8	96.3	96.3	96.3
300	63.3	77.4	80.8	84.3	87.7	88.8	91.5	93.1	93.2	94.7	95.5	95.8	96.2	96.7	96.9	97.4	97.4
200	63.3	77.4	80.8	84.3	87.7	88.8	91.5	93.1	93.2	94.7	95.5	95.8	96.2	96.7	96.9	97.4	97.4
100	63.3	77.4	80.8	84.3	87.7	88.8	91.5	93.1	93.2	94.7	95.5	95.8	96.2	96.7	96.9	97.4	97.4
0	63.3	77.4	80.8	84.3	87.7	88.8	91.5	93.1	93.2	94.7	95.5	95.8	96.2	96.7	96.9	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 7438

ALTI/FGW BUSINESS SYSTEMS

150523

52

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

CEILING VERSUS VISIBILITY

24222 STATION CUMUX DC DGI API STATION NAME 54-53 YEARS FEB MONTH ALL HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	½	≥ 5/16	¼	≥ 0
NO CEILING																
≥ 20000	29.4	29.9	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.2	30.2	30.2
18000	29.5	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3
16000	29.7	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.6	30.6
14000	30.7	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6
12000	32.6	32.2	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.6
10000	35.3	36.0	36.2	36.2	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5
9000	36.8	37.6	37.8	37.9	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.2	38.2	38.2	38.2
8000	40.5	41.4	41.6	41.8	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1
7000	42.4	43.5	43.7	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.3
6000	43.3	44.5	44.7	44.9	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.3
5000	45.9	47.6	47.9	48.1	48.3	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.6	48.6	48.6
4500	47.1	48.8	49.2	49.4	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	50.0
4000	50.3	52.9	53.5	53.8	54.2	54.2	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.5	54.5
3500	53.1	55.4	56.1	56.6	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3
3000	57.5	60.8	61.7	62.3	62.9	62.9	63.3	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3
2500	60.3	64.2	65.3	66.1	66.8	66.9	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4
2000	61.5	66.4	67.6	68.6	69.5	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.2
1800	62.0	66.9	68.1	69.2	70.1	70.3	70.5	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.9
1500	63.6	69.6	71.0	72.3	73.6	73.8	74.0	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.5
1200	65.0	72.3	74.1	75.6	77.5	77.7	78.0	78.1	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.6
1000	66.5	75.1	77.4	79.3	81.7	82.0	82.4	82.6	82.6	82.9	83.1	83.2	83.3	83.4	83.4	83.5
900	67.0	76.2	78.6	80.7	83.4	83.7	84.2	84.5	84.5	84.8	85.1	85.1	85.3	85.3	85.4	85.4
800	67.7	78.3	80.7	83.2	86.1	86.5	87.1	87.5	87.5	87.9	88.3	88.3	88.6	88.6	88.6	88.7
700	68.1	79.0	81.8	84.6	87.7	88.2	89.0	89.5	89.5	89.9	90.4	90.4	90.7	90.7	90.7	90.8
600	68.2	79.8	82.9	85.8	89.3	89.9	90.8	91.4	91.4	91.9	92.4	92.5	92.8	92.9	92.9	93.0
500	68.3	80.3	83.5	86.7	90.7	91.3	92.7	93.5	93.5	94.3	94.9	94.9	95.4	95.5	95.6	95.7
400	68.4	80.5	83.9	87.2	91.5	92.2	93.9	94.8	94.8	95.8	96.5	96.5	97.1	97.2	97.4	97.4
300	68.4	80.6	84.1	87.3	91.8	92.6	94.4	95.4	95.5	96.5	97.2	97.3	98.0	98.0	98.3	98.5
200	68.4	80.6	84.1	87.4	91.9	92.8	94.6	95.7	95.8	96.9	97.5	97.6	98.4	98.5	99.0	99.2
100	68.4	80.6	84.1	87.4	91.9	92.8	94.6	95.8	95.8	96.9	97.6	97.7	98.5	98.6	99.2	99.7
0	68.4	80.6	84.1	87.4	91.9	92.8	94.6	95.8	95.8	96.9	97.6	97.7	98.5	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6765

ALLIED/CPW BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 COMOX AC DOI APT 54-63 MA^W
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000	38.5	39.0	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
18000	38.8	39.3	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6
16000	39.1	39.6	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9
14000	40.2	40.8	40.8	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
12000	42.3	42.9	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2
10000	46.2	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2
9000	48.4	49.2	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5
8000	52.9	53.8	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3
7000	54.9	56.1	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7
6000	55.7	57.0	57.2	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
5000	58.8	60.3	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.2	61.1
4500	60.2	61.9	62.2	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
4000	63.9	66.0	66.3	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
3500	65.8	68.2	68.6	68.9	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4
3000	70.8	74.0	74.4	74.8	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
2500	74.3	78.4	79.0	79.6	80.0	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
2000	76.7	81.5	82.3	82.9	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8
1800	77.0	82.2	83.1	83.7	84.2	84.3	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
1500	78.4	84.5	85.5	86.3	87.0	87.1	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7
1200	79.3	86.2	87.3	88.4	89.2	89.4	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.1
1000	79.6	87.2	88.4	89.8	90.9	91.0	91.6	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.1
900	79.8	87.6	89.0	90.4	91.6	91.7	92.3	92.5	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9
800	80.2	88.7	90.3	91.9	93.2	93.6	94.4	94.8	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.3
700	80.5	89.2	90.9	92.6	94.1	94.4	95.5	95.8	95.8	96.1	96.2	96.3	96.4	96.4	96.4	96.4
600	80.5	89.5	91.3	93.1	94.9	95.2	96.5	96.9	96.9	97.3	97.5	97.6	97.7	97.7	97.7	97.8
500	80.5	89.7	91.6	93.5	95.5	96.0	97.5	98.0	98.0	98.5	98.8	98.8	99.1	99.2	99.2	99.2
400	80.5	89.8	91.7	93.6	95.6	96.1	97.6	98.1	98.1	98.8	99.1	99.2	99.5	99.5	99.6	99.6
300	80.5	89.8	91.7	93.6	95.6	96.1	97.7	98.3	98.3	99.0	99.4	99.4	99.7	99.8	99.9	99.9
200	80.5	89.8	91.7	93.6	95.6	96.1	97.7	98.4	98.4	99.1	99.4	99.5	99.8	99.9	99.9	100.0
100	80.5	89.8	91.7	93.6	95.6	96.1	97.7	98.4	98.4	99.1	99.4	99.5	99.8	99.9	99.9	100.0
0	80.5	89.8	91.7	93.6	95.6	96.1	97.7	98.4	98.4	99.1	99.4	99.5	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

ALLIED/FGV BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292
 STATION

COMDA BC DOT API
 STATION NAME

54-63
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
IV 20000	46.1	46.4	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	
IV 18000	46.3	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	
IV 16000	46.6	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	
IV 14000	48.3	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
IV 12000	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	
IV 10000	55.6	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
IV 9000	57.7	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	
IV 8000	62.1	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
IV 7000	64.3	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
IV 6000	65.6	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	
IV 5000	70.7	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	
IV 4500	72.3	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
IV 4000	76.9	78.9	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
IV 3500	79.5	81.8	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
IV 3000	83.1	86.2	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
IV 2500	84.9	88.6	88.9	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	
IV 2000	86.1	90.2	90.7	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
IV 1800	86.3	90.5	91.1	91.5	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
IV 1500	87.1	91.7	92.4	92.8	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	
IV 1200	87.5	92.7	93.5	94.1	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
IV 1000	87.8	93.5	94.4	95.1	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
IV 900	88.0	93.7	94.7	95.4	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	
IV 800	88.2	94.2	95.4	96.1	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
IV 700	88.3	94.5	95.7	96.5	97.3	97.4	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	
IV 600	88.4	94.8	96.2	97.0	97.9	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	
IV 500	88.5	95.0	96.4	97.4	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	
IV 400	88.6	95.2	96.6	97.6	98.7	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	
IV 300	88.6	95.2	96.6	97.7	98.7	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	
IV 200	88.6	95.2	96.6	97.7	98.7	98.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	
IV 100	88.6	95.2	96.6	97.7	98.7	98.9	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	
IV 0	88.6	95.2	96.6	97.7	98.7	98.9	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 7197

ALLEN/FGW BUSINESS SYSTEMS

150523

DATA PROCESSING DIVISION
 AFAC, USAF
 FORT MEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

4292 STATION COMOX BC DQI API STATION NAME 54-63 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
18000	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
16000	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
14000	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
12000	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
10000	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
9000	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
8000	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
7000	73.3	73.7	73.9	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
6000	75.2	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
5000	80.5	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
4500	83.2	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
4000	87.4	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
3500	89.9	91.7	92.2	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
3000	92.1	94.3	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
2500	93.4	95.9	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2000	93.8	96.7	97.3	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1800	93.8	96.7	97.4	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
1500	94.1	97.2	97.9	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1200	94.2	97.4	98.1	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
1000	94.3	97.5	98.3	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
900	94.3	97.6	98.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
800	94.4	97.8	98.6	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	94.4	97.8	98.7	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
600	94.5	97.9	98.8	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
500	94.5	98.0	98.9	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
400	94.5	98.0	98.9	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	94.5	98.0	98.9	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	94.5	98.0	98.9	99.2	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	94.5	98.0	98.9	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.5	98.0	98.9	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

ALLIED/FGAY BUSINESS SYSTEMS

150623

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DDT API

54-63 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
IV 20000	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 18000	44.1	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 16000	44.6	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 14000	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 12000	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 10000	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 9000	56.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 8000	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 7000	63.9	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 6000	67.4	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 5000	76.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 4500	79.7	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 4000	85.6	87.2	87.4	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
IV 3500	88.8	90.8	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3000	92.1	94.3	94.5	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
IV 2500	93.1	95.7	95.9	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 2000	93.7	96.5	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	93.8	96.6	96.9	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
IV 1500	94.0	97.0	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	94.1	97.3	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	94.2	97.6	98.0	98.5	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 900	94.3	97.7	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	94.4	97.9	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	94.4	97.9	98.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	94.4	98.0	98.4	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	94.5	98.1	98.6	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	94.5	98.1	98.6	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	94.5	98.2	98.6	99.2	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.5	98.2	98.6	99.2	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.5	98.2	98.6	99.2	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.5	98.2	98.6	99.2	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7191

ALLIED/FORT BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DOT API STATION NAME 54-63 YEARS JUL MONTH ALL HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	62.8	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 20000	62.8	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 18000	62.9	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 16000	63.1	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 14000	64.3	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 12000	66.8	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 10000	70.7	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 9000	72.6	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 8000	75.8	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 7000	78.8	79.7	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
IV 6000	80.6	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	81.8
IV 5000	86.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	88.2	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	91.4	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
IV 3500	92.9	94.8	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 3000	94.0	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2500	94.4	96.7	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 2000	94.7	97.2	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1800	94.8	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	95.0	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
IV 1200	95.1	97.9	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
IV 1000	95.2	98.1	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
IV 900	95.2	98.2	98.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
IV 800	95.2	98.2	98.5	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 700	95.2	98.3	98.6	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 600	95.3	98.4	98.6	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	95.3	98.4	98.7	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	95.4	98.5	98.8	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	95.4	98.5	98.9	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.4	98.5	98.9	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.4	98.5	98.9	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.4	98.5	98.9	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7427

ALLIED/FAY BUSINESS SYSTEMS

150023

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

CEILING VERSUS VISIBILITY

24222 STATION COFOX BL DDT APT STATION NAME 24-63 YEARS 400 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000	55.0	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 18000	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	55.7	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	56.8	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	58.3	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 10000	61.6	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	63.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 8000	68.6	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000	70.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	73.1	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	79.5	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	82.0	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	86.1	88.3	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
≥ 3500	87.6	90.1	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
≥ 3000	89.1	92.0	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	89.9	93.3	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
≥ 2000	90.5	94.1	94.5	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	90.6	94.2	94.7	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	91.0	94.8	95.3	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	91.2	95.3	95.8	96.2	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	91.4	95.7	96.3	96.8	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7
≥ 900	91.4	96.0	96.6	97.0	97.4	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	91.6	96.3	96.9	97.4	97.8	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	91.7	96.5	97.2	97.7	98.1	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	91.7	96.6	97.3	97.8	98.3	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	91.8	96.6	97.4	97.9	98.5	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	91.8	96.7	97.5	98.1	98.6	98.8	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	91.8	96.7	97.6	98.1	98.7	98.9	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	91.8	96.7	97.6	98.1	98.7	98.9	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.8	96.7	97.6	98.1	98.7	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.8	96.7	97.6	98.1	98.7	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

ALLIED/FORG BUSINESS SYSTEMS

150523

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28802

CEILING VERSUS VISIBILITY

24292
 STATION

COMOX SC BQT APT
 STATION NAME

54-63
 YEARS

YEARS

SECT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING																
20000	47.2	51.2	51.8	52.1	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.9
18000	47.8	51.6	52.1	52.5	52.8	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2
16000	48.2	52.0	52.5	52.9	53.2	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.7
14000	49.2	53.0	53.6	54.0	54.3	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8
12000	51.6	55.6	56.2	56.6	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.5
10000	55.5	59.8	60.4	60.8	61.2	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	62.0
9000	57.6	62.1	62.7	63.1	63.6	63.8	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.4
8000	61.6	66.6	67.3	67.7	68.2	68.5	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.1
7000	64.0	69.4	70.1	70.6	71.2	71.5	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.1	72.2
6000	65.3	71.0	71.7	72.3	72.9	73.2	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.9
5000	68.4	75.0	75.9	76.6	77.2	77.7	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.4
4500	69.8	76.7	77.7	78.4	79.1	79.5	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.3
4000	72.2	79.3	80.5	81.3	82.0	82.5	82.8	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.4
3500	73.2	80.9	82.2	83.1	84.0	84.4	84.8	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.5	85.6
3000	74.5	82.8	84.4	85.5	86.5	87.3	87.4	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2
2500	75.1	84.0	85.7	86.9	88.0	88.5	89.0	89.4	89.4	89.6	89.7	89.7	89.8	89.8	89.9	89.9
2000	75.6	84.9	86.8	88.2	89.5	90.1	90.6	91.1	91.1	91.4	91.4	91.4	91.5	91.5	91.6	91.7
1900	75.7	85.1	86.9	88.4	89.7	90.4	90.9	91.4	91.4	91.6	91.7	91.7	91.8	91.8	91.9	92.0
1500	76.1	85.7	87.6	89.3	90.8	91.5	92.1	92.6	92.6	92.9	93.0	93.0	93.1	93.1	93.2	93.2
1200	76.2	86.1	88.1	89.9	91.6	92.4	93.0	93.6	93.6	93.9	94.0	94.0	94.1	94.1	94.2	94.2
1000	76.2	86.5	88.5	90.5	92.3	93.1	93.9	94.5	94.5	94.8	94.9	94.9	95.0	95.0	95.1	95.2
900	76.3	86.7	88.8	90.8	92.8	93.6	94.4	95.0	95.0	95.4	95.5	95.5	95.6	95.6	95.7	95.7
800	76.4	86.9	89.0	91.1	93.3	94.2	95.0	95.7	95.7	96.0	96.2	96.3	96.4	96.4	96.5	96.5
700	76.5	87.0	89.2	91.3	93.7	94.6	95.5	96.3	96.3	96.6	96.9	96.9	97.0	97.0	97.1	97.1
600	76.5	87.1	89.3	91.5	93.9	94.8	95.8	96.7	96.7	97.1	97.3	97.3	97.4	97.4	97.5	97.6
500	76.5	87.2	89.5	91.7	94.3	95.2	96.4	97.4	97.4	97.9	98.2	98.2	98.3	98.3	98.4	98.5
400	76.6	87.3	89.6	91.9	94.7	95.6	97.0	98.0	98.0	98.6	98.8	98.9	99.0	99.0	99.1	99.2
300	76.6	87.4	89.7	91.9	94.8	95.7	97.1	98.2	98.2	98.8	99.2	99.2	99.4	99.4	99.6	99.6
200	76.6	87.4	89.7	91.9	94.8	95.7	97.1	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.8	99.8
100	76.6	87.4	89.7	91.9	94.8	95.7	97.1	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.8	99.8
0	76.6	87.4	89.7	91.9	94.8	95.7	97.1	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7168

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

CEILING VERSUS VISIBILITY

24292 STATION CGMDX CG DDT APT STATION NAME

54-63 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
20000	31.1	32.7	33.0	33.4	33.9	34.2	34.4	34.6	34.6	34.8	34.9	35.0	35.3	35.4	35.6	36.1
18000	31.1	32.9	33.2	33.6	34.1	34.2	34.6	34.8	34.8	35.0	35.1	35.2	35.5	35.6	35.8	36.2
16000	31.4	33.1	33.5	33.9	34.4	34.5	34.9	35.1	35.1	35.4	35.4	35.5	35.9	35.9	36.1	36.6
14000	32.8	34.7	35.0	35.5	36.0	36.2	36.6	36.8	36.8	37.1	37.2	37.2	37.6	37.6	37.9	38.3
12000	34.7	36.8	37.2	37.7	38.3	38.5	38.9	39.2	39.2	39.4	39.5	39.6	39.9	40.0	40.3	41.7
10000	38.1	40.7	41.2	41.8	42.4	42.6	43.1	43.4	43.4	43.7	43.8	43.8	44.2	44.2	44.6	45.7
9000	40.0	42.9	43.4	44.0	44.6	44.8	45.4	45.7	45.7	46.0	46.1	46.1	46.5	46.5	46.9	47.3
8000	43.6	47.0	47.7	48.3	49.1	49.3	49.8	50.2	50.2	50.5	50.6	50.7	51.1	51.1	51.4	51.8
7000	45.3	49.3	50.1	50.8	51.6	51.8	52.5	52.8	52.8	53.1	53.3	53.3	53.7	53.7	54.3	54.4
6000	46.8	51.3	52.1	52.9	53.8	54.0	54.7	55.0	55.0	55.4	55.5	55.5	55.9	55.9	56.3	56.7
5000	49.7	55.2	56.3	57.3	58.4	58.6	59.3	59.7	59.7	60.1	60.2	60.2	60.6	60.6	61.0	61.4
4500	51.1	57.1	58.3	59.4	60.6	60.8	61.5	61.9	62.0	62.3	62.4	62.5	62.9	62.9	63.2	63.6
4000	54.6	61.9	63.2	64.4	65.8	66.0	66.7	67.2	67.2	67.6	67.7	67.7	68.1	68.1	68.5	68.9
3500	56.6	64.7	66.2	67.4	68.8	69.0	69.8	70.3	70.3	70.7	70.8	70.9	71.2	71.3	71.6	72.1
3000	59.3	68.4	70.1	71.6	73.1	73.4	74.3	74.8	74.8	75.2	75.4	75.4	75.8	75.8	76.1	76.6
2500	60.6	70.2	72.1	73.7	75.3	75.7	76.7	77.2	77.2	77.6	77.7	77.8	78.2	78.2	78.5	78.9
2000	61.7	72.0	74.0	75.7	77.5	77.9	79.0	79.5	79.5	79.9	80.1	80.1	80.5	80.5	80.9	81.3
1800	61.9	72.3	74.4	76.1	77.9	78.3	79.4	80.0	80.0	80.4	80.5	80.6	81.0	81.0	81.3	81.7
1500	62.5	72.6	75.8	77.8	79.8	80.2	81.4	82.0	82.0	82.4	82.6	82.6	83.0	83.0	83.4	83.8
1200	63.7	74.8	77.4	79.6	81.7	82.2	83.5	84.1	84.2	84.7	84.8	84.9	85.3	85.3	85.6	86.1
1000	63.7	75.8	78.7	81.1	83.5	84.0	85.6	86.2	86.3	86.8	86.9	87.0	87.4	87.4	87.8	88.3
900	64.0	76.4	79.3	81.8	84.3	84.8	86.4	87.1	87.2	87.7	87.9	87.9	88.3	88.3	88.7	89.1
800	64.1	77.2	80.3	82.9	85.7	86.3	88.0	88.7	88.8	89.4	89.6	89.6	90.0	90.0	90.4	90.8
700	64.3	77.7	80.9	83.8	86.7	87.3	89.2	89.9	90.0	90.7	90.8	90.9	91.3	91.3	91.7	92.1
600	64.5	78.3	81.7	84.7	87.7	88.4	90.6	91.5	91.6	92.3	92.5	92.5	93.0	93.0	93.4	93.8
500	64.6	78.5	82.1	85.4	88.6	89.6	92.0	93.1	93.3	94.1	94.3	94.4	94.8	94.9	95.3	95.7
400	64.6	78.8	82.5	86.3	89.4	90.4	92.9	94.1	94.2	95.1	95.4	95.4	95.9	96.0	96.4	96.8
300	64.6	78.8	82.6	86.1	89.6	90.7	93.4	94.7	94.8	96.0	96.4	96.4	97.0	97.0	97.5	98.1
200	64.7	78.9	82.6	86.2	89.7	90.8	93.5	94.9	95.1	96.3	96.7	96.8	97.5	97.5	98.1	99.0
100	64.7	78.9	82.6	86.2	89.7	90.8	93.5	94.9	95.1	96.4	96.8	96.9	97.6	97.7	98.4	99.3
0	64.7	78.9	82.6	86.2	89.7	90.8	93.5	94.9	95.1	96.4	96.8	96.9	97.7	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7425

ALLIED/GOV BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 STATION CGSDX BC DGI API STATION NAME 54-63 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	27.2	28.3	26.4	28.4	28.5	28.5	28.6	28.6	28.6	28.7	28.8	28.8	29.0	29.0	29.0	29.2	29.7
20000	28.3	28.4	28.6	28.6	28.7	28.7	28.7	28.8	28.8	28.9	29.0	29.0	29.1	29.2	29.4	29.4	29.9
18000	28.2	28.7	28.8	28.9	28.9	29.1	29.0	29.0	29.0	29.2	29.2	29.2	29.4	29.4	29.6	30.2	
16000	29.2	29.6	29.8	29.8	29.9	29.9	30.0	30.0	30.0	30.1	30.2	30.2	30.3	30.4	30.6	31.1	
14000	30.6	31.1	31.4	31.4	31.5	31.6	31.6	31.6	31.6	31.8	31.9	31.9	32.0	32.0	32.2	32.8	
12000	34.2	34.8	35.1	35.2	35.3	35.4	35.4	35.4	35.5	35.6	35.7	35.7	35.9	35.8	36.1	36.6	
10000	35.7	36.4	36.7	36.8	36.9	37.0	37.1	37.1	37.1	37.3	37.3	37.3	37.5	37.5	37.8	38.3	
9000	38.5	39.4	39.7	39.9	40.0	40.0	40.2	40.3	40.3	40.4	40.5	40.5	40.7	40.7	40.9	41.5	
8000	40.6	41.6	42.0	42.2	42.3	42.3	42.5	42.5	42.6	42.7	42.8	42.8	43.0	43.0	43.2	43.8	
7000	41.4	42.5	42.9	43.1	43.2	43.3	43.4	43.5	43.5	43.7	43.8	43.8	43.9	43.9	44.2	44.7	
6000	44.3	45.6	46.0	46.2	46.4	46.4	46.6	46.7	46.7	46.9	47.0	47.0	47.1	47.1	47.4	47.9	
5000	45.7	47.2	47.6	47.9	48.0	48.1	48.3	48.3	48.3	48.5	48.6	48.6	48.7	48.7	49.0	49.6	
4000	49.1	51.3	51.8	52.1	52.3	52.3	52.5	52.6	52.6	52.8	52.9	52.9	53.0	53.1	53.3	53.9	
3000	51.0	53.8	54.4	54.7	55.0	55.0	55.2	55.3	55.3	55.5	55.6	55.6	55.7	55.7	56.0	56.6	
2500	54.5	58.5	59.3	59.7	60.2	60.2	60.6	60.7	60.7	60.9	61.1	61.1	61.2	61.2	61.5	62.1	
2000	56.5	61.4	62.3	62.8	63.4	63.4	63.8	63.9	64.0	64.2	64.3	64.3	64.5	64.5	64.8	65.4	
1800	58.6	64.6	65.7	66.3	66.9	67.0	67.4	67.5	67.6	67.8	67.9	67.9	68.1	68.2	68.4	69.0	
1600	59.4	65.6	66.8	67.4	68.1	68.1	68.6	68.7	68.7	69.0	69.1	69.1	69.3	69.3	69.6	70.2	
1500	61.1	68.3	69.9	70.6	71.7	71.8	72.3	72.5	72.5	72.8	72.9	72.9	73.1	73.1	73.4	74.0	
1200	62.7	71.0	72.8	73.7	75.0	75.2	75.9	76.1	76.1	76.4	76.5	76.5	76.7	76.8	77.0	77.6	
1000	63.7	73.3	75.4	76.4	78.0	78.2	79.1	79.4	79.4	79.7	79.8	79.8	80.1	80.1	80.4	80.9	
900	64.4	74.2	76.6	77.7	79.6	79.8	80.8	81.1	81.1	81.5	81.6	81.6	81.8	81.8	82.1	82.7	
800	64.9	75.4	78.0	79.4	81.5	81.8	83.0	83.5	83.6	84.1	84.2	84.2	84.5	84.5	84.8	85.4	
700	65.3	76.9	79.3	81.0	83.4	83.8	85.1	85.8	85.9	86.5	86.8	86.8	87.0	87.0	87.3	87.9	
600	65.5	77.2	80.3	82.3	85.2	85.8	87.4	88.2	88.3	89.1	89.4	89.4	89.7	89.7	90.0	90.6	
500	65.8	77.9	81.1	83.1	86.6	87.3	89.2	90.1	90.3	91.3	91.6	91.7	92.1	92.1	92.4	93.0	
400	65.9	78.0	81.3	83.5	87.2	88.0	90.2	91.4	91.6	92.6	93.0	93.0	93.6	93.6	93.9	94.6	
300	65.9	78.1	81.4	83.7	87.6	88.4	90.9	92.2	92.4	93.6	94.0	94.0	94.6	94.7	95.2	96.0	
200	65.9	78.1	81.5	83.8	87.7	88.6	91.1	92.4	92.7	93.9	94.4	94.4	95.3	95.3	96.0	97.0	
100	65.9	78.1	81.5	83.8	87.7	88.6	91.1	92.4	92.7	93.9	94.4	94.4	95.3	95.4	96.4	97.9	
0	65.9	78.1	81.5	83.8	87.7	88.6	91.1	92.4	92.7	93.9	94.4	94.4	95.3	95.4	96.6	98.0	

TOTAL NUMBER OF OBSERVATIONS 747

5

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

CEILING VERSUS VISIBILITY

24232 STATION CUMX BC DGI ARI STATION NAME

54-63 YEARS

DEC. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING															
≥ 20000	22.2	23.2	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
18000	22.7	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
16000	23.2	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
14000	23.7	24.2	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
12000	25.4	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
10000	28.4	29.2	29.2	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
9000	29.7	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
8000	31.7	32.7	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
7000	33.0	34.1	34.2	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
6000	33.0	34.8	35.0	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
5000	36.2	37.9	38.1	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
4500	37.1	39.0	39.2	39.6	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
4000	39.2	42.6	43.0	43.4	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
3500	41.0	44.8	45.3	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
3000	46.1	51.5	51.1	51.6	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
2500	49.3	55.0	55.7	56.4	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
2000	52.3	58.4	59.4	60.1	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
1800	52.6	59.3	60.3	61.0	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
1500	55.1	63.1	64.4	65.4	66.6	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
1200	56.7	66.4	68.3	69.5	71.0	71.3	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.1
1000	58.4	69.6	71.7	73.2	75.2	75.5	76.1	76.4	76.4	76.4	76.8	76.9	76.9	77.0	77.1
900	58.9	71.1	73.6	75.4	77.7	78.2	78.9	79.2	79.2	79.6	79.7	79.8	79.8	79.8	79.9
800	59.7	73.1	75.9	78.5	80.8	81.3	82.1	82.5	82.5	83.0	83.1	83.2	83.2	83.3	83.4
700	60.2	74.7	77.8	80.2	83.4	84.0	85.1	85.6	85.6	86.1	86.2	86.3	86.4	86.5	86.5
600	60.5	76.0	79.5	82.4	86.2	87.1	88.6	89.2	89.2	89.8	90.0	90.1	90.2	90.3	90.4
500	60.8	76.9	80.6	83.9	88.4	89.2	91.3	92.1	92.1	92.9	93.2	93.3	93.5	93.5	93.7
400	61.0	77.4	81.2	84.6	89.3	90.4	92.9	93.9	93.9	94.9	95.2	95.3	95.6	95.7	96.1
300	61.4	77.5	81.3	84.9	89.7	90.9	93.5	94.7	94.8	95.9	96.3	96.5	96.9	97.0	97.4
200	61.4	77.6	81.4	85.0	90.1	91.2	93.9	95.1	95.3	96.5	97.0	97.2	97.7	97.8	98.4
100	61.0	77.6	81.4	85.0	90.0	91.2	93.9	95.1	95.3	96.6	97.1	97.3	98.0	98.2	99.0
0	61.0	77.6	81.4	85.0	90.1	91.2	93.9	95.1	95.3	96.6	97.1	97.3	98.0	98.2	99.1

TOTAL NUMBER OF OBSERVATIONS 7439

ALLIED/IGPY BUSINESS SYSTEMS

150023

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

CEILING VERSUS VISIBILITY

STATION: 24052 COMOX BC DDT AMI STATION NAME: 54-63 YEARS: JAN MONTH: 1962-1960

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1962-1960
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING																
20000	23.4	23.7	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.3
18000	23.5	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.4
16000	24.1	24.2	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.5	24.6
14000	24.8	25.1	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.4	25.7
12000	25.4	25.9	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2	26.6
10000	28.1	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.9	29.0
9000	28.8	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.8	30.0
8000	31.1	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.2	32.6
7000	32.5	33.4	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.2
6000	32.8	33.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.3
5000	34.5	35.5	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.8	36.2
4500	36.5	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	38.4
4000	41.7	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.5
3500	42.0	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.9
3000	45.4	48.4	48.8	49.1	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	50.2
2500	49.8	54.0	54.4	54.7	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.9
2000	54.0	58.9	59.5	59.9	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	61.1
1800	55.2	60.2	61.0	61.4	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.9
1500	58.4	64.7	65.8	66.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.1	68.5
1200	62.0	71.0	73.7	74.3	76.0	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.7	77.1
1000	63.2	73.8	76.1	78.2	79.9	80.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.6	82.0
900	63.4	75.2	78.0	80.3	82.2	82.4	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.6	85.1
800	63.7	76.0	78.9	81.9	84.3	84.3	86.0	86.3	86.5	86.7	86.8	86.8	86.8	86.8	86.9	87.4
700	64.1	77.4	80.9	84.0	86.1	86.5	88.3	88.7	88.8	89.0	89.0	89.0	89.0	89.1	89.2	89.7
600	64.2	78.4	81.9	85.4	87.7	88.1	90.0	90.6	90.8	91.0	91.2	91.2	91.3	91.3	91.4	91.8
500	64.3	78.8	82.5	86.0	88.6	88.9	91.0	91.8	91.9	92.3	92.6	92.6	93.0	93.0	93.1	93.5
400	64.3	78.9	82.5	86.2	89.1	89.5	91.8	92.7	92.8	93.1	93.4	93.4	93.9	94.0	94.1	94.5
300	64.3	78.9	82.7	86.6	89.9	90.2		93.8	93.9	94.3	94.8	94.8	95.3	95.4	95.5	95.9
200	64.3	78.9	82.7	86.8	90.2	90.5		94.6	94.6	95.4	95.9	95.9	96.7	96.8	97.1	97.6
100	64.3	78.9	82.7	86.8	90.2	90.5	93.2	94.5	94.6	95.4	95.9	95.9	96.8	96.9	97.2	98.0
0	64.3	78.9	82.7	86.8	90.2	90.5	93.2	94.5	94.6	95.4	95.9	95.9	96.8	96.9	97.2	98.0

TOTAL NUMBER OF OBSERVATIONS 436

ALLIED/BGR BUSINESS SYSTEMS 150523

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

CEILING VERSUS VISIBILITY

24292 STATION COMDX BC DOT A21 STATION NAME 54-63 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
 HOURS (LST)

ALLIED/FGW BUSINESS SYSTEMS

150528

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	24.1	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 18000	24.2	24.4	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 16000	24.3	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 14000	24.4	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 12000	25.6	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 10000	27.2	27.5	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 9000	28.8	29.1	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 8000	30.9	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 7000	32.2	32.7	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 6000	32.2	32.7	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 5000	34.1	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 4500	35.1	35.8	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 4000	38.6	39.7	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 3500	40.5	41.8	42.3	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 3000	44.1	45.8	47.3	47.7	47.8	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 2500	48.3	51.7	52.5	53.1	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 2000	51.6	56.8	57.7	58.7	58.9	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 1800	52.7	58.5	59.6	60.6	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 1500	57.1	64.1	65.4	66.6	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1200	60.5	69.7	71.6	73.2	74.6	74.7	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1000	61.7	72.4	75.2	77.7	79.4	79.7	79.8	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 900	62.3	73.9	76.8	80.0	81.7	82.2	82.8	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 800	62.3	75.4	78.5	82.4	84.5	85.1	86.3	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 700	63.1	76.8	80.8	84.7	87.4	88.0	89.6	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 600	63.1	77.4	81.5	85.8	88.8	89.5	91.1	91.3	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 500	63.2	78.4	82.5	87.0	90.2	90.9	92.5	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 400	63.2	78.5	82.6	87.2	90.6	91.3	93.0	93.8	93.8	94.3	94.5	94.5	94.6	94.7	94.7	94.7
≥ 300	63.2	78.5	82.6	87.4	91.0	91.7	93.7	94.6	94.6	95.2	95.4	95.4	95.5	95.6	95.6	95.6
≥ 200	63.2	78.5	82.6	87.4	91.0	91.7	94.2	95.3	95.3	96.0	96.2	96.2	96.5	96.6	96.7	96.7
≥ 100	63.2	78.5	82.6	87.4	91.0	91.7	94.2	95.3	95.3	96.1	96.5	96.5	96.9	97.0	97.3	97.5
≥ 0	63.2	78.5	82.6	87.4	91.0	91.7	94.2	95.3	95.3	96.1	96.5	96.6	97.0	97.1	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 930

2

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

CEILING VERSUS VISIBILITY

STATION 24252 COMB BC DDT APF STATION NAME 54-53 YEARS JA MONTH 1960-1960

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2300
 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	19.2	20.2	20.2	20.2	20.2	20.2	20.2	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.5	20.8
18000	19.3	20.2	20.2	20.2	20.2	20.2	20.2	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.5	20.8
16000	20.1	20.5	20.5	20.5	20.5	20.5	20.5	20.6	20.6	20.6	20.8	20.8	20.8	20.8	20.9	21.1
14000	20.4	20.9	20.9	20.9	20.9	20.9	20.9	21.0	21.0	21.0	21.1	21.1	21.1	21.1	21.2	21.4
12000	21.3	21.9	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.2	22.2	22.2	22.2	22.3	22.9
10000	23.3	24.4	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.7	24.9
9000	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.1	26.3
8000	26.6	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.7	28.0
7000	27.2	28.2	28.2	28.2	28.2	28.2	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.5	28.7
6000	27.6	28.7	28.7	28.7	28.7	28.7	28.7	28.8	28.8	28.8	28.9	28.9	28.9	28.9	29.0	29.2
5000	29.4	30.5	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.9	31.1
4500	30.5	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.9	31.9	31.9	31.9	32.0	32.3
4000	35.1	36.8	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.4	37.6
3500	37.1	39.2	39.6	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.9	39.9	39.9	40.0	40.2
3000	43.3	46.3	46.9	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.4	47.6
2500	46.0	50.2	50.8	51.3	51.3	51.4	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.8	52.0
2000	49.2	54.8	55.5	56.1	56.2	56.6	56.7	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.1	57.3
1800	50.2	55.9	56.7	57.3	57.4	57.7	57.8	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.3	58.5
1500	54.4	61.8	62.8	63.8	64.0	64.4	64.5	64.7	64.7	64.7	65.1	65.1	65.1	65.1	65.2	65.4
1200	57.4	67.7	69.1	70.9	71.5	72.0	72.3	72.6	72.6	72.6	72.9	72.9	72.9	72.9	73.0	73.2
1000	59.5	70.5	72.5	74.9	76.0	76.6	76.9	77.4	77.4	77.4	77.8	77.8	77.8	77.8	78.0	78.2
900	60.5	72.4	74.6	77.4	78.9	79.5	80.0	80.5	80.5	80.5	81.0	81.1	81.1	81.1	81.2	81.4
800	62.0	75.1	77.5	81.1	82.6	83.1	83.8	84.3	84.4	84.5	84.9	85.1	85.1	85.1	85.2	85.4
700	62.3	76.2	79.2	83.2	85.3	85.9	86.6	87.1	87.2	87.4	87.8	88.0	88.1	88.1	88.2	88.4
600	62.6	77.3	80.8	84.8	87.5	88.2	89.0	89.7	89.8	90.1	90.6	90.8	91.0	91.0	91.2	91.4
500	62.7	77.8	81.6	86.0	89.1	89.9	90.9	91.6	91.7	92.3	92.9	93.0	93.3	93.3	93.7	93.9
400	62.7	78.1	81.9	86.5	89.9	90.8	91.8	92.6	92.7	93.3	94.1	94.2	94.7	94.7	95.2	95.4
300	62.7	78.4	82.3	86.8	90.2	91.1	92.5	93.3	93.4	94.1	95.1	95.2	95.9	96.0	96.7	96.9
200	62.7	78.4	82.4	86.9	90.3	91.4	92.8	93.7	93.8	94.7	95.8	95.9	96.7	96.8	97.5	97.8
100	62.7	78.4	82.4	86.9	90.3	91.4	92.8	93.7	93.8	94.7	95.8	95.9	96.7	96.8	97.5	98.1
0	62.7	78.4	82.4	86.9	90.3	91.4	92.8	93.7	93.8	94.7	95.8	95.9	96.7	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/BRY BUSINESS SYSTEMS

150020

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

CEILING VERSUS VISIBILITY

24292 COMOX BC DOI API STATION NAME

54-53 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

090 -1101 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	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.1	17.1	17.1	17.1	17.6	18.2
≥ 20000	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.3	17.3	17.3	17.3	17.8	18.4
18000	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.8	17.8	17.8	17.8	18.4	18.9
16000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.2	18.2	18.2	18.2	18.7	19.2
14000	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.4	19.5	19.5	19.5	19.5	20.0	20.5
12000	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.2	22.3	22.3	22.3	22.3	22.8	23.3
10000	23.7	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	24.1	24.1	24.1	24.1	24.1	24.6	25.2
9000	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.7	27.8	27.8	27.8	27.8	28.4	28.9
8000	28.5	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.8	28.9	28.9	28.9	28.9	29.5	30.0
7000	29.1	29.2	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.5	29.6	29.6	29.6	29.6	30.1	30.6
6000	31.3	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	32.0	32.2	32.2	32.2	32.2	32.7	33.2
5000	34.8	35.6	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.6	37.1
4500	38.3	39.7	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.2	40.3	40.3	40.3	40.3	40.9	41.4
4000	44.1	45.5	45.7	45.8	46.1	46.1	46.2	46.2	46.2	46.3	46.5	46.6	46.6	46.6	47.1	47.6
3500	47.3	49.8	50.3	50.4	50.9	50.9	51.0	51.1	51.2	51.3	51.4	51.4	51.4	51.4	51.9	52.5
3000	50.9	53.5	54.2	54.5	54.9	55.1	55.4	55.6	55.7	55.8	55.9	55.9	56.0	56.0	56.6	57.1
2500	51.6	54.5	55.2	55.5	55.9	56.0	56.3	56.6	56.7	56.8	56.9	56.9	57.0	57.0	57.5	58.1
2000	55.5	59.8	60.8	61.5	62.2	62.5	62.9	63.4	63.5	63.7	63.8	63.8	63.9	63.9	64.5	65.1
1800	58.8	63.9	65.4	66.5	67.3	67.7	68.2	69.0	69.1	69.5	69.6	69.6	69.8	69.8	70.4	71.0
1500	60.9	67.0	68.8	70.3	71.6	72.4	73.0	74.1	74.2	74.9	75.2	75.2	75.4	75.4	76.0	76.6
1200	61.6	68.2	70.2	71.9	73.3	74.4	75.4	76.7	76.9	77.6	77.8	77.8	78.1	78.1	78.7	79.3
1000	62.8	70.5	73.3	75.1	76.7	78.0	79.2	80.9	81.1	81.8	82.2	82.2	82.5	82.5	83.1	83.7
900	63.0	70.9	73.5	75.8	77.7	79.6	81.2	82.8	83.0	83.9	84.2	84.2	84.6	84.6	85.5	86.0
800	63.2	71.9	74.8	77.6	79.9	81.9	83.7	85.7	85.9	86.9	87.6	87.6	88.3	88.3	89.1	89.7
700	63.4	72.7	75.9	79.1	81.7	83.9	86.1	88.6	88.8	90.3	91.6	91.7	92.6	92.6	93.7	94.2
600	63.4	73.0	76.6	79.8	82.8	85.3	88.2	90.8	91.0	92.9	94.2	94.3	95.7	95.7	97.7	99.2
500	63.4	73.0	76.6	79.8	82.8	85.3	88.2	90.8	91.0	92.9	94.2	94.3	95.9	96.0	98.2	99.7
400	63.4	73.0	76.6	79.8	82.8	85.3	88.2	90.8	91.0	92.9	94.2	94.3	95.9	96.0	98.2	99.7
300	63.4	73.0	76.6	79.8	82.8	85.3	88.2	90.8	91.0	92.9	94.2	94.3	95.9	96.0	98.2	99.7
200	63.4	73.0	76.6	79.8	82.8	85.3	88.2	90.8	91.0	92.9	94.2	94.3	95.9	96.0	98.2	99.7
100	63.4	73.0	76.6	79.8	82.8	85.3	88.2	90.8	91.0	92.9	94.2	94.3	95.9	96.0	98.2	99.7
0	63.4	73.0	76.6	79.8	82.8	85.3	88.2	90.8	91.0	92.9	94.2	94.3	95.9	96.0	98.2	99.7

TOTAL NUMBER OF OBSERVATIONS 930

ALLIANCE GARY BUSINESS SYSTEMS

150023

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

CEILING VERSUS VISIBILITY

24252 STATION COMGX BL DDJ API STATION NAME 54-63 YEARS MONTH JAN 1207-1400 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	20.0
≥ 20000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	20.2
18000	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	21.4
16000	21.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.7
14000	22.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.9
12000	24.3	25.5	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.5
10000	26.2	26.9	27.0	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.6
9000	28.9	29.6	29.7	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.5
8000	31.2	31.9	32.0	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.9
7000	31.6	32.4	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	33.3
6000	32.4	33.5	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.5
5000	32.8	34.0	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.9
4500	36.3	38.0	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	39.1
4000	39.2	41.0	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	42.2
3500	43.5	45.9	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	47.3
3000	47.5	51.0	51.4	51.5	51.8	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.9
2500	51.3	55.9	56.3	56.5	56.8	56.8	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	58.1
2000	52.4	57.3	57.8	58.0	58.3	58.3	58.3	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.7
1800	55.3	60.6	61.4	61.6	62.0	62.0	62.0	62.0	62.8	62.8	62.8	63.1	63.2	63.2	63.2	63.9
1500	58.4	65.9	66.9	67.7	68.8	69.0	69.0	69.4	69.9	69.9	70.2	70.3	70.3	70.3	70.3	71.0
1200	60.3	69.7	70.6	71.7	73.2	73.5	73.5	74.1	74.7	74.7	75.2	75.6	75.6	75.6	75.6	76.2
1000	61.9	71.1	72.4	73.4	75.1	75.4	75.4	76.0	76.7	76.7	77.2	77.6	77.6	77.6	77.6	78.4
900	62.7	72.6	73.3	75.3	77.2	77.6	77.6	78.7	79.7	79.7	80.3	80.9	80.9	80.9	80.9	81.7
800	63.3	73.9	75.9	77.4	79.7	80.1	80.1	81.7	83.1	83.1	83.2	84.2	84.7	84.7	84.9	85.1
700	63.8	74.9	77.1	78.6	81.6	82.0	82.0	83.7	85.3	85.4	86.6	87.4	87.5	87.7	87.7	88.6
600	64.3	75.7	78.1	79.9	83.8	84.5	84.5	86.2	88.7	88.8	90.0	91.6	91.7	92.2	92.2	92.5
500	64.3	75.9	78.3	80.3	84.2	84.9	84.9	86.9	89.6	89.7	91.2	92.9	93.0	93.5	93.7	94.2
400	64.3	75.9	78.3	80.3	84.2	85.1	85.1	87.3	90.1	90.2	92.3	94.2	94.6	95.7	95.8	96.7
300	64.3	75.9	78.3	80.3	84.2	85.2	85.2	87.4	90.2	90.3	92.8	94.7	95.2	96.3	96.6	97.5
200	64.3	75.9	78.3	80.3	84.2	85.2	85.2	87.4	90.2	90.3	92.8	94.7	95.2	96.3	96.6	97.5
100	64.3	75.9	78.3	80.3	84.2	85.2	85.2	87.4	90.2	90.3	92.8	94.7	95.2	96.3	96.6	97.5
0	64.3	75.9	78.3	80.3	84.2	85.2	85.2	87.4	90.2	90.3	92.8	94.7	95.2	96.3	96.6	98.2

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/FGRY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 CDMQX BC DOT APT
STATION STATION NAME

54-63
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
≥ 20000	22.1	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.5	22.9	23.6
≥ 18000	22.1	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.5	22.5	23.6
≥ 16000	22.9	23.0	23.0	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.4	23.4	24.4
≥ 14000	24.5	24.7	24.7	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.9	25.0	25.0	26.0
≥ 12000	25.5	25.8	25.8	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	26.0	26.2	26.2	27.2
≥ 10000	29.1	29.8	29.8	29.8	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.1	30.1	31.2
≥ 9000	30.0	30.8	30.9	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.3	31.3	32.4
≥ 8000	32.1	33.0	33.3	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.7	33.7	34.8
≥ 7000	33.7	34.7	34.9	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.3	35.3	36.4
≥ 6000	34.1	35.2	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.8	35.8	36.9
≥ 5000	35.8	37.0	37.2	37.4	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.8	37.8	38.9
≥ 4500	37.0	38.4	38.6	38.8	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.2	39.2	40.3
≥ 4000	39.9	41.4	41.7	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.2	42.2	43.3
≥ 3500	42.6	44.2	44.5	44.6	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.2	45.2	46.3
≥ 3000	46.2	48.1	48.7	48.8	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.4	49.4	50.5
≥ 2500	50.2	53.0	53.5	53.6	53.7	53.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.9	54.9	56.0
≥ 2000	54.3	57.8	58.6	58.8	59.2	59.2	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.6	60.6	61.7
≥ 1800	55.1	58.9	59.7	60.0	60.5	60.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.9	61.9	63.0
≥ 1500	58.3	63.3	64.4	64.6	65.8	65.9	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.4	67.4	68.5
≥ 1200	60.9	67.8	69.1	69.4	70.7	71.0	72.2	72.7	72.7	72.7	72.9	72.9	73.0	73.1	73.1	74.2
≥ 1000	62.6	70.4	72.8	73.1	75.1	75.6	77.0	77.5	77.5	77.8	78.1	78.3	78.4	78.5	78.5	79.5
≥ 900	63.2	71.5	74.0	74.5	76.9	77.4	78.9	79.5	79.7	80.0	80.3	80.4	80.5	80.6	80.6	81.7
≥ 800	63.2	73.0	75.5	76.0	78.5	79.2	80.7	81.6	81.7	82.1	82.5	82.6	82.7	82.9	82.9	84.0
≥ 700	63.2	73.7	76.3	77.0	79.5	80.5	82.3	83.2	83.3	83.9	84.2	84.7	84.8	85.0	85.0	86.1
≥ 600	63.5	75.3	78.1	78.9	82.1	83.2	85.4	86.2	86.3	87.0	87.4	88.2	88.3	88.5	88.5	89.6
≥ 500	63.7	76.5	79.3	80.5	84.0	85.3	88.6	89.8	90.0	91.1	91.8	92.6	92.8	93.0	93.1	94.5
≥ 400	63.7	76.7	79.7	80.8	84.6	86.0	89.5	90.9	91.1	92.4	93.3	94.1	94.4	94.6	94.8	96.2
≥ 300	63.7	76.7	79.7	81.1	84.9	86.4	89.9	91.6	91.8	93.3	94.5	95.6	95.9	96.1	96.3	97.8
≥ 200	63.7	76.7	79.7	81.1	84.9	86.4	89.9	91.8	92.0	93.9	95.2	96.2	96.7	96.9	97.2	99.1
≥ 100	63.7	76.7	79.7	81.1	84.9	86.4	89.9	91.8	92.0	93.9	95.2	96.2	96.8	97.0	97.6	99.6
≥ 0	63.7	76.7	79.7	81.1	84.9	86.4	89.9	91.8	92.0	93.9	95.2	96.2	96.8	97.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 929

ALLIED/BERRY BUSINESS SYSTEMS

150023

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

CEILING VERSUS VISIBILITY

24252 CUMOX BC DOT API

54-63

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	22.5	23.5	23.5	23.8	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.3	24.3	24.6	25.5
20000	22.5	23.5	23.5	23.8	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.3	24.3	24.6	25.5
18000	22.5	23.5	23.5	23.8	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.3	24.3	24.6	25.5
16000	22.8	23.9	23.9	24.1	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.6	24.6	24.9	25.8
14000	23.4	24.5	24.5	24.7	24.9	24.9	24.9	25.1	25.1	25.1	25.1	25.1	25.3	25.3	25.6	26.5
12000	24.3	25.6	25.6	25.8	26.0	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.3	26.3	26.7	27.5
10000	29.3	30.3	30.1	30.3	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.9	30.9	31.2	32.0
9000	29.8	31.7	31.8	32.1	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.6	32.6	32.9	33.8
8000	30.8	32.9	33.1	33.3	33.5	33.5	33.7	33.8	33.8	33.8	33.8	33.8	34.0	34.0	34.3	35.2
7000	31.6	34.2	34.4	34.6	34.8	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.3	35.3	35.6	36.5
6000	31.9	34.7	35.1	35.3	35.5	35.5	35.6	35.7	35.7	35.7	35.7	35.7	35.9	35.9	36.2	37.1
5000	34.4	37.4	37.7	38.0	38.2	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.6	38.6	38.9	39.8
4500	34.6	38.0	38.3	38.5	38.7	38.7	38.8	38.9	38.9	38.9	38.9	38.9	39.1	39.1	39.5	40.3
4000	37.7	41.5	42.2	42.4	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	43.0	43.0	43.3	44.2
3500	39.4	44.1	44.6	44.8	45.1	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.8	46.7
3000	45.6	50.4	51.0	51.2	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.8	51.8	52.2	53.1
2500	49.6	55.5	56.3	56.9	57.1	57.1	57.3	57.4	57.4	57.6	57.6	57.6	57.8	57.8	58.2	59.1
2000	52.8	59.5	60.8	61.6	61.8	62.0	62.3	62.4	62.4	62.6	62.6	62.6	62.8	62.8	63.1	64.0
1800	53.7	60.6	61.9	62.9	63.2	63.4	63.7	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.5	65.4
1500	57.0	66.8	68.3	69.7	70.2	70.5	71.0	71.1	71.1	71.3	71.3	71.3	71.5	71.5	71.8	72.7
1200	59.5	72.0	74.1	76.2	77.0	77.4	78.0	78.3	78.3	78.7	78.7	78.7	78.9	78.9	79.2	80.1
1000	60.3	73.5	75.8	78.2	79.4	79.9	80.5	81.1	81.1	81.7	81.7	81.7	81.9	81.9	82.3	83.1
900	60.6	74.8	77.6	80.3	81.8	82.4	83.1	83.7	83.7	84.3	84.3	84.3	84.5	84.5	84.8	85.7
800	60.9	76.1	78.9	81.7	83.4	84.0	85.6	86.1	86.1	86.8	86.8	86.8	87.1	87.2	87.5	88.4
700	61.1	76.6	79.7	82.8	84.7	85.3	86.9	87.4	87.4	88.1	88.1	88.2	88.5	88.7	89.0	89.9
600	61.1	76.8	80.2	83.4	85.8	86.3	88.7	89.5	89.5	90.2	90.3	90.4	90.8	91.1	91.4	92.3
500	61.1	77.4	81.0	84.8	87.7	88.4	91.4	92.4	92.4	93.4	93.5	93.7	94.1	94.4	94.7	95.9
400	61.1	77.6	81.2	85.2	88.3	89.0	92.5	93.5	93.5	94.7	94.8	94.9	95.4	95.7	96.0	97.2
300	61.1	77.6	81.2	85.2	88.3	89.0	92.6	93.9	94.0	95.6	95.7	95.8	96.2	96.6	97.0	98.2
200	61.1	77.6	81.3	85.3	88.5	89.2	92.9	94.2	94.3	96.0	96.1	96.2	96.3	96.9	97.3	98.8
100	61.1	77.6	81.3	85.3	88.5	89.2	92.9	94.2	94.3	96.0	96.1	96.2	96.3	96.9	97.3	98.8
0	61.1	77.6	81.3	85.3	88.5	89.2	92.9	94.2	94.3	96.0	96.2	96.3	96.9	97.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 931

ALLIED/BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 -- CODEX BE DCI A21
 STATION

54-63
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-230
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0		
NO CEILING	21.3	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.1	23.1	23.1	23.4	
20000	21.3	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.1	23.1	23.1	23.4	
18000	21.3	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.1	23.1	23.1	23.4	
16000	21.6	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.5	23.5	23.5	23.7	
14000	22.5	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.5	24.5	24.5	24.8	
12000	23.5	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.7	25.7	25.7	25.9	
10000	27.0	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	29.8	
9000	28.3	30.4	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.8	30.8	30.8	31.3	
8000	31.4	34.1	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.7	34.7	34.7	34.9	
7000	32.2	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.4	35.4	35.4	35.6	
6000	32.5	35.2	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.8	35.8	35.8	36.1	
5000	35.2	38.2	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.9	38.9	38.9	39.1	
4500	36.1	39.1	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.8	39.8	39.8	40.3	
4000	40.2	44.1	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.9	44.9	44.9	45.1	
3500	42.5	46.8	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.9	
3000	45.9	51.5	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.9	
2500	49.2	55.7	56.2	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.3	
2000	53.4	61.2	62.0	62.4	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.2	
1800	54.0	62.0	62.8	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.9	
1500	58.6	68.5	69.4	70.0	70.9	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.8	
1200	61.0	73.2	74.5	76.3	77.9	78.0	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.2	79.2	79.2	79.4
1000	62.6	75.6	77.2	79.7	81.6	81.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.3	83.3	83.3	83.5
900	63.0	76.4	78.3	80.9	83.2	83.4	84.6	84.6	84.6	84.6	84.8	84.8	84.8	85.1	85.1	85.1	85.4
800	63.1	78.1	80.3	83.2	85.6	85.9	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.9	87.9	87.9	88.4
700	63.4	78.9	81.3	84.6	87.4	87.7	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.9	89.9	89.9	90.3
600	63.8	79.7	82.5	85.9	88.7	89.1	90.6	90.6	90.6	90.6	90.9	91.0	91.0	91.6	91.6	91.6	92.0
500	63.7	79.9	82.9	86.4	89.3	89.8	91.4	91.7	91.7	91.7	92.1	92.4	92.4	93.0	93.0	93.0	93.4
400	63.9	81.1	83.1	86.8	89.8	90.2	92.8	93.2	93.2	93.2	93.9	94.2	94.2	94.8	94.8	94.8	95.3
300	63.9	80.1	83.1	86.8	89.9	90.3	92.9	93.9	93.9	93.9	94.9	95.3	95.3	96.0	96.0	96.3	96.8
200	63.9	80.1	83.1	86.8	89.9	90.3	93.2	94.3	94.3	94.3	95.8	96.1	96.2	97.2	97.2	97.2	98.1
100	63.9	80.1	83.1	86.8	89.9	90.3	93.2	94.3	94.3	94.3	95.9	96.2	96.3	97.3	97.3	97.8	98.7
0	63.9	80.1	83.1	86.8	89.9	90.3	93.2	94.3	94.3	94.3	95.9	96.2	96.3	97.3	97.4	98.0	99.0

TOTAL NUMBER OF OBSERVATIONS 929

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

ALLIED/BRY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24232 — COMOX BC BGT ASI STATION NAME

54-62 YEARS

1071-027 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1071-027 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8
≥ 20000	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8
18000	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8
16000	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8
14000	33.7	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1
12000	35.0	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4
10000	37.5	37.6	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1
9000	38.9	39.1	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5
8000	42.1	42.4	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8
7000	43.9	44.1	44.4	44.4	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7
6000	45.4	45.8	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4
5000	49.3	49.4	50.2	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7	50.7	50.7	50.7
4500	50.3	51.5	51.7	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2
4000	53.1	54.7	55.1	55.5	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
3500	54.4	56.6	57.2	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
3000	57.3	60.1	60.7	61.3	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
2500	60.3	63.8	64.6	65.4	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6
2000	61.9	65.7	66.6	67.6	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8
1800	62.5	66.3	67.2	68.4	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
1500	64.1	68.4	69.6	70.8	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
1200	66.5	72.1	73.8	75.6	77.3	77.4	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
1000	67.7	74.8	76.8	78.8	80.9	81.1	81.4	81.7	81.7	81.7	81.7	81.9	82.0	82.0	82.0	82.0
900	68.4	75.4	77.9	80.4	82.7	82.8	83.2	83.6	83.6	83.6	83.6	83.8	83.9	83.9	83.9	83.9
800	68.4	76.8	79.3	81.9	84.7	84.9	85.2	85.7	85.7	85.9	86.4	86.4	86.5	86.5	86.5	86.5
700	69.0	77.6	80.4	83.1	86.2	86.3	86.7	87.2	87.2	87.4	88.2	88.2	88.4	88.4	88.4	88.4
600	69.2	78.5	81.4	84.4	87.9	88.2	88.8	89.2	89.2	89.8	90.4	90.4	90.8	90.8	90.8	90.8
500	69.2	78.5	81.7	85.3	89.6	89.8	90.9	91.7	91.7	92.4	93.1	93.1	93.5	93.5	93.5	93.5
400	69.2	78.5	82.1	85.9	90.8	91.0	92.5	93.5	93.5	94.2	94.9	94.9	95.4	95.4	95.5	95.5
300	69.2	78.7	82.4	86.2	91.5	92.1	93.6	94.7	94.7	95.5	96.2	96.4	97.0	97.0	97.5	97.5
200	69.2	78.8	82.5	86.4	91.8	92.7	94.3	95.4	95.4	96.3	97.0	97.3	98.3	98.3	98.9	98.9
100	69.2	78.8	82.5	86.4	91.8	92.8	94.4	95.5	95.5	96.4	97.2	97.4	98.5	98.5	99.5	99.5
0	69.2	78.8	82.5	86.4	91.8	92.8	94.4	95.5	95.5	96.4	97.2	97.4	98.5	98.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 845

ALLIED/EGY BUSINESS SYSTEMS

150525

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DDT APT 54-63 YEARS F80
STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2300-00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
20000	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
18000	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
16000	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
14000	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
12000	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
10000	35.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
9000	36.5	36.9	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2
8000	39.5	40.0	40.0	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3
7000	40.9	41.5	41.5	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	42.0
6000	41.4	42.0	42.0	42.1	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4
5000	45.2	46.1	46.3	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
4500	46.1	47.0	47.6	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1
4000	50.5	52.0	52.7	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
3500	52.5	54.3	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6
3000	57.1	59.6	60.5	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
2500	61.2	64.4	65.5	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.8
2000	62.6	66.2	67.3	68.1	68.6	68.6	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	69.0
1800	63.0	66.5	67.6	68.4	69.1	69.1	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.6
1500	64.4	68.9	70.0	70.9	71.6	71.7	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.2
1200	66.4	72.9	74.9	76.0	77.5	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.1
1000	68.1	75.9	78.4	79.7	81.6	81.7	81.8	81.9	82.0	82.2	82.7	82.7	82.7	82.7	82.7	82.9
900	68.1	76.4	79.0	80.3	82.7	82.9	83.0	83.1	83.2	83.3	83.9	83.9	83.9	83.9	83.9	84.0
800	69.1	78.5	81.1	82.5	85.3	85.5	85.6	85.7	85.8	85.9	86.5	86.5	86.5	86.5	86.5	86.6
700	69.4	79.8	82.4	83.8	86.6	86.9	87.1	87.2	87.4	87.6	88.2	88.2	88.2	88.2	88.2	88.3
600	69.4	80.6	83.3	85.2	88.9	89.1	89.4	89.5	89.6	89.8	90.4	90.4	90.4	90.4	90.4	90.5
500	69.4	80.6	83.7	85.6	89.8	90.2	90.5	91.0	91.1	91.6	92.2	92.2	92.3	92.3	92.4	92.6
400	69.4	80.9	84.0	86.3	91.3	91.7	92.6	93.0	93.1	93.6	94.2	94.2	94.6	94.6	95.0	95.2
300	69.4	80.9	84.0	86.3	91.4	92.2	93.3	93.9	94.0	94.6	95.3	95.3	95.9	95.9	96.6	96.7
200	69.4	80.9	84.0	86.3	91.5	92.4	93.6	94.3	94.4	95.0	95.7	95.7	96.6	96.6	97.4	97.6
100	69.4	81.0	84.2	86.4	91.6	92.6	93.7	94.4	94.6	95.3	96.0	96.0	96.8	96.8	97.8	98.5
0	69.4	81.0	84.2	86.4	91.0	92.6	93.7	94.4	94.6	95.3	96.0	96.1	97.0	97.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 246

ALLIED/EGRY BUSINESS SYSTEMS
 150523

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

CEILING VERSUS VISIBILITY

24222
 STATION

COMOX EC DLT AFI
 STATION NAME

54-53

YEARS

FILE
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1603-180
 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	22.6	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
18000	22.6	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
16000	22.8	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
14000	23.9	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
12000	25.2	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
10000	29.2	29.8	29.8	29.9	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
9000	31.3	31.9	31.9	32.2	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
8000	34.3	34.8	34.8	35.1	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
7000	36.3	37.4	37.4	37.7	37.9	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
6000	36.5	37.6	37.6	37.9	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
5000	40.5	41.5	41.8	42.2	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
4500	41.5	43.1	43.5	43.9	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
4000	45.6	47.6	48.1	48.5	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
3500	47.8	49.9	50.4	50.8	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
3000	52.7	55.3	56.0	56.6	57.4	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
2500	55.8	59.1	59.9	60.8	61.6	61.7	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
2000	57.0	60.6	61.5	62.3	63.5	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
1800	58.0	61.8	62.8	63.6	64.8	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
1500	60.9	65.4	66.5	67.6	69.1	69.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
1200	62.6	70.1	71.5	72.7	75.1	75.3	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.4
1000	64.4	74.0	75.7	76.8	79.3	79.6	80.1	80.4	80.4	80.5	80.9	80.9	81.2	81.3	81.3	81.3
900	65.2	75.3	77.1	78.6	81.1	81.3	82.0	82.7	82.7	83.0	83.5	83.5	83.8	83.9	83.9	83.9
800	65.8	76.7	78.5	80.3	83.1	83.5	84.4	85.2	85.2	85.6	86.3	86.3	86.8	86.9	86.9	86.9
700	66.7	78.5	80.4	82.7	85.7	86.1	87.1	87.9	87.9	88.3	89.0	89.0	89.5	89.6	89.6	89.6
600	66.9	80.0	82.2	84.6	87.9	88.4	89.5	90.3	90.3	90.8	91.5	91.5	92.1	92.2	92.2	92.2
500	67.0	81.3	83.6	86.3	90.0	90.4	91.8	92.7	92.7	93.5	94.3	94.3	95.5	95.6	95.9	96.0
400	67.2	81.6	83.9	86.6	90.8	91.5	92.9	94.0	94.0	94.8	95.6	95.6	96.8	96.9	97.2	97.3
300	67.0	81.6	83.9	86.6	90.8	91.5	92.9	94.3	94.3	95.2	96.0	96.1	97.3	97.5	98.0	98.1
200	67.0	81.6	83.9	86.6	90.8	91.5	93.0	94.6	94.6	95.4	96.2	96.3	97.8	98.2	98.9	99.6
100	67.0	81.6	83.9	86.6	90.8	91.5	93.0	94.6	94.6	95.4	96.2	96.3	97.8	98.2	98.9	99.6
0	67.0	81.6	83.9	86.6	90.8	91.5	93.0	94.6	94.6	95.4	96.2	96.3	97.9	98.3	99.1	99.6

TOTAL NUMBER OF OBSERVATIONS

846

ALLIED/GEN BUSINESS SYSTEMS

150023

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

CEILING VERSUS VISIBILITY

24292 STATION CDROX BL DDT API STATION NAME 54-63 YEARS MONTH 0900-1100 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
20000	22.6	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
18000	23.7	23.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
16000	23.7	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
14000	24.3	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
12000	26.5	26.6	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
10000	29.7	30.3	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
9000	31.1	31.7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
8000	35.6	36.4	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
7000	38.1	39.0	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
6000	38.4	39.5	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
5000	40.5	42.2	42.8	42.8	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
4500	41.5	43.1	43.9	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
4000	45.5	47.4	48.1	48.2	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
3500	47.4	49.9	50.5	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
3000	53.7	56.4	57.1	57.4	57.7	57.9	58.0	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3
2500	55.7	59.0	60.0	60.6	61.0	61.3	61.6	61.8	61.8	62.2	62.3	62.3	62.3	62.3	62.3
2000	57.6	61.5	62.6	63.8	64.8	65.2	65.5	65.7	65.7	66.1	66.2	66.2	66.2	66.2	66.2
1800	57.9	61.6	62.8	64.1	65.0	65.5	65.7	66.0	66.0	66.3	66.4	66.4	66.4	66.4	66.4
1500	60.2	64.7	66.1	67.7	68.8	69.3	69.5	69.7	69.7	70.2	70.3	70.3	70.3	70.3	70.3
1200	61.1	65.8	67.5	69.1	70.4	70.9	71.3	71.6	71.6	72.1	72.2	72.2	72.2	72.2	72.2
1000	62.9	69.1	71.0	73.3	75.2	75.8	76.5	76.8	76.8	77.3	77.8	77.8	78.1	78.3	78.5
900	63.5	71.0	73.2	76.0	78.0	79.0	80.5	80.4	80.4	81.2	81.8	81.8	82.2	82.2	82.3
800	64.7	73.9	76.7	79.7	81.8	82.9	83.9	84.5	84.5	85.3	85.9	85.9	86.8	86.8	86.9
700	65.5	75.3	78.1	81.3	84.0	85.6	86.6	87.2	87.2	88.1	88.8	88.8	89.6	89.6	89.7
600	65.4	77.2	80.1	83.6	86.3	87.8	89.2	89.9	89.8	90.7	91.4	91.4	92.2	92.2	92.4
500	65.4	77.8	81.0	84.6	87.8	89.6	91.1	92.0	92.0	93.1	94.2	94.2	95.0	95.0	95.4
400	65.5	78.6	81.9	85.6	88.9	90.8	92.7	93.7	93.7	95.0	96.1	96.1	96.9	96.9	97.3
300	65.5	78.7	82.2	85.8	89.1	91.0	93.0	94.6	94.6	95.9	96.9	96.9	97.8	97.8	98.2
200	65.5	78.7	82.2	85.8	89.1	91.0	93.0	94.7	94.7	96.0	97.0	97.0	97.9	97.9	98.1
100	65.5	78.7	82.2	85.8	89.1	91.0	93.0	94.7	94.7	96.0	97.0	97.0	97.9	97.9	98.1
0	65.5	78.7	82.2	85.8	89.1	91.0	93.0	94.7	94.7	96.0	97.0	97.0	97.9	97.9	98.1

TOTAL NUMBER OF OBSERVATIONS 346

ALLEGEDLY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 - 0000X RC DQT 401
 STATION

54-53

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1201-1401
 HOURS (LST.)

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	27.7	31.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
18000	30.1	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
16000	30.5	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
14000	31.7	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
12000	34.1	34.8	34.9	34.9	34.9	34.9	34.9	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3
10000	36.7	37.5	37.6	37.6	37.6	37.6	37.6	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0
9000	38.5	39.3	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.6	39.8	39.8	39.8	39.8	39.8	39.8
8000	41.4	42.4	42.5	42.5	42.6	42.6	42.6	42.8	42.8	42.8	43.0	43.0	43.0	43.0	43.0	43.0
7000	43.4	44.5	44.6	44.7	44.7	44.7	44.7	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1
6000	44.1	45.3	45.4	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9
5000	46.2	47.8	47.9	48.0	48.2	48.3	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
4500	47.3	49.1	49.2	49.3	49.5	49.6	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
4000	48.1	52.5	53.0	53.1	53.5	53.6	53.6	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0
3500	53.5	56.1	56.6	56.8	57.2	57.3	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6
3000	58.7	62.4	63.1	63.7	64.3	64.4	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
2500	60.6	65.6	66.5	67.2	68.0	68.2	68.3	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.9
2000	61.9	67.5	68.5	69.2	70.1	70.2	70.4	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
1800	62.2	67.9	69.1	69.8	70.7	70.8	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
1500	63.7	69.8	71.2	72.4	73.7	73.9	74.1	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6
1200	64.3	71.4	73.0	74.6	76.3	76.4	76.7	77.0	77.0	77.0	77.2	77.2	77.3	77.3	77.3	77.3
1000	66.2	74.3	76.3	78.6	81.3	81.5	81.9	82.5	82.5	82.7	82.8	82.8	83.2	83.2	83.2	83.2
900	66.9	75.5	77.5	79.9	83.1	83.2	83.8	84.4	84.4	84.6	84.7	84.7	85.1	85.1	85.1	85.1
800	67.2	77.6	79.9	83.3	86.6	87.0	87.8	88.4	88.4	88.6	88.9	88.9	89.2	89.2	89.2	89.2
700	67.7	78.3	80.7	84.7	88.4	88.9	89.8	90.9	91.0	91.2	91.5	91.5	91.8	91.8	91.8	91.8
600	68.2	79.2	81.7	86.3	89.9	90.7	92.1	93.3	93.4	93.6	94.1	94.1	94.4	94.4	94.4	94.4
500	68.7	79.4	82.1	86.6	91.0	92.0	93.6	95.0	95.1	95.4	96.1	96.1	96.6	96.6	96.7	96.7
400	68.4	79.9	82.6	87.1	91.5	92.7	94.4	96.1	96.2	97.2	98.0	98.0	98.5	98.5	98.6	98.6
300	68.4	79.9	82.7	87.2	91.6	92.8	94.7	96.3	96.4	97.4	98.2	98.2	98.7	98.7	98.8	99.1
200	68.4	79.9	82.7	87.2	91.6	92.9	94.9	96.6	96.7	97.6	98.5	98.5	98.9	98.9	99.5	99.9
100	68.4	79.9	82.7	87.2	91.6	92.9	94.9	96.6	96.7	97.6	98.5	98.5	98.9	98.9	99.5	99.9
0	68.4	79.9	82.7	87.2	91.6	92.9	94.9	96.6	96.7	97.6	98.5	98.5	98.9	98.9	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS 845

150523 ALLIED LIGHT BATTERIES, AVN-1, 48

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DGT API STATION NAME 54-93 YEARS 1966-1970 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1966-1970
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.6	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
20000	29.6	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
18000	30.3	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
16000	31.3	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
14000	34.8	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
12000	36.4	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
10000	38.9	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
9000	42.2	43.0	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
8000	43.9	44.8	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
7000	44.7	45.7	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
6000	46.5	48.2	48.6	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
5000	47.3	49.2	49.5	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
4500	52.2	54.5	54.8	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
4000	55.2	57.7	58.0	58.5	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
3500	63.1	67.5	68.6	69.3	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
3000	65.5	70.6	71.7	72.0	72.5	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1
2500	65.5	71.0	72.2	73.3	74.5	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2
2000	66.9	73.2	74.8	76.2	78.1	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
1800	67.3	74.5	76.4	77.8	80.6	80.9	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
1500	69.4	77.7	80.3	82.0	85.1	85.5	86.2	86.2	86.2	86.5	86.8	86.8	86.9	86.9	86.9	86.9
1200	69.4	78.0	80.6	82.6	85.7	86.1	86.8	86.8	86.8	87.1	87.4	87.4	87.5	87.5	87.5	87.5
1000	70.4	80.9	84.4	87.1	90.7	91.1	92.2	92.6	92.6	92.9	93.1	93.1	93.3	93.3	93.3	93.3
900	70.4	81.2	85.0	87.7	91.5	92.0	93.1	93.5	93.5	94.0	94.3	94.3	94.4	94.6	94.6	94.6
800	70.4	81.4	85.3	88.3	92.4	93.0	95.3	95.9	95.9	96.6	96.9	96.9	97.2	97.3	97.3	97.4
700	70.6	81.7	85.6	88.7	92.8	93.4	95.7	96.7	96.7	97.6	98.0	98.0	98.2	98.3	98.3	98.5
600	70.6	81.7	85.7	88.8	93.3	93.9	96.3	97.3	97.3	98.2	98.6	98.6	98.8	98.8	98.9	99.2
500	70.6	81.7	85.7	88.8	93.3	93.9	96.3	97.3	97.3	98.2	98.6	98.6	98.8	98.8	98.9	99.5
400	70.6	81.7	85.7	88.8	93.3	93.9	96.3	97.3	97.3	98.2	98.6	98.6	98.8	98.8	98.9	99.5
300	70.6	81.7	85.7	88.8	93.3	93.9	96.3	97.3	97.3	98.2	98.6	98.6	98.8	98.8	98.9	99.5
200	70.6	81.7	85.7	88.8	93.3	93.9	96.3	97.3	97.3	98.2	98.6	98.6	98.8	98.8	98.9	99.5
100	70.6	81.7	85.7	88.8	93.3	93.9	96.3	97.3	97.3	98.2	98.6	98.6	98.8	98.8	98.9	99.5
0	70.6	81.7	85.7	88.8	93.3	93.9	96.3	97.3	97.3	98.2	98.6	98.6	98.8	98.8	98.9	99.5

TOTAL NUMBER OF OBSERVATIONS 446

ALLIED/EGRY BUSINESS SYSTEMS

150523

7
2

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

CEILING VERSUS VISIBILITY

24247 STATION CORDX EC DDT API STATION NAME 54-63 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
20000	31.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.9	33.0	33.0	33.1
18000	31.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.9	33.0	33.0	33.1
16000	31.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.9	33.0	33.0	33.1
14000	32.9	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	34.1	34.2	34.2	34.3
12000	35.6	36.6	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.2	37.3	37.3	37.4
10000	38.2	39.5	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.1	40.2	40.2	40.4
9000	39.6	41.1	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.8	41.9	41.9	42.0
8000	43.8	45.2	45.4	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.3	46.4	46.4	46.6
7000	45.8	47.2	47.5	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.3	48.4	48.4	48.6
6000	47.1	48.9	49.1	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9	50.1	50.1	50.3
5000	49.6	51.5	52.1	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.9	53.1	53.1	53.3
4500	50.3	52.2	52.9	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8	54.0	54.0	54.2
4000	53.7	55.7	56.7	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.9	58.0	58.0	58.2
3500	56.4	59.1	60.1	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.7	61.7	61.9
3000	60.4	64.3	65.6	66.4	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.5	67.6	67.6	67.8
2500	61.4	66.4	67.8	68.9	69.6	69.6	69.8	69.8	69.8	69.8	69.8	70.1	70.2	70.2	70.4
2000	62.7	69.1	70.5	71.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	73.1	73.3	73.3	73.5
1800	63.0	69.5	70.9	72.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.6	73.7	73.7	73.8
1500	64.1	73.1	74.8	76.1	77.4	77.5	77.8	77.8	77.8	77.8	77.8	78.0	78.1	78.1	78.3
1200	65.7	75.6	77.4	78.7	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.9	82.0	82.0	82.2
1000	66.4	77.3	80.0	82.0	85.4	85.9	86.2	86.2	86.2	86.3	86.3	86.5	86.6	86.6	86.9
900	67.1	78.8	81.8	83.9	87.5	87.9	88.2	88.3	88.3	88.4	88.4	88.6	88.8	88.8	88.9
800	67.8	79.8	83.0	85.3	89.0	89.5	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.1
700	68.3	80.4	83.6	85.9	89.9	90.3	90.9	91.2	91.2	91.2	91.2	91.7	92.0	92.1	92.2
600	68.2	80.6	83.9	86.6	90.9	91.4	92.2	92.5	92.5	93.0	93.0	93.3	93.6	93.6	93.8
500	68.4	81.4	85.0	88.0	92.8	93.4	94.8	95.3	95.3	96.1	96.1	96.3	96.9	96.9	97.0
400	68.4	81.5	85.3	88.5	93.5	94.1	95.9	96.3	96.3	97.6	97.8	98.0	98.7	98.7	98.9
300	68.4	81.5	85.4	88.6	93.7	94.3	96.4	97.0	97.0	98.3	98.5	98.7	99.4	99.4	99.6
200	68.4	81.5	85.4	88.6	93.8	94.6	96.7	97.3	97.3	98.7	98.8	99.1	99.8	99.8	99.9
100	68.4	81.5	85.4	88.6	93.8	94.6	96.7	97.3	97.3	98.7	98.8	99.1	99.8	99.8	99.9
0	68.4	81.5	85.4	88.6	93.8	94.6	96.7	97.3	97.3	98.7	98.8	99.1	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 845

ALLIED/EGRY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 COMOX BC DOT API

54-63

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
20000	33.6	35.0	35.0	35.0	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.5	35.5	35.5
18000	33.7	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.6	35.6
16000	33.7	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.6	35.6
14000	34.9	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.8	36.8	36.8
12000	37.0	38.4	38.4	38.5	38.9	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.1	39.1	39.1
10000	39.2	40.8	40.8	40.9	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.6	41.6	41.6
9000	39.8	41.8	41.8	42.0	42.3	42.3	42.3	42.3	42.3	42.6	42.6	42.6	42.6	42.7	42.7	42.7
8000	45.0	47.3	47.3	47.4	47.6	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.1	48.1	48.1
7000	47.2	49.5	49.5	49.6	50.0	50.0	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.4	50.4	50.4
6000	48.8	51.2	51.2	51.3	51.7	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	52.0	52.0	52.0
5000	50.6	53.3	53.3	53.4	53.8	53.8	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.1	54.1	54.1
4500	52.3	54.8	55.1	55.3	55.7	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	56.0	56.0	56.0
4000	55.7	58.6	59.2	60.0	60.5	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8	60.9	60.9	60.9
3500	57.1	60.2	61.0	62.2	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.1
3000	59.6	63.9	65.1	66.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
2500	61.9	68.0	69.3	70.6	71.6	71.6	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.1	72.1	72.1
2000	63.4	70.3	71.7	73.2	74.2	74.2	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.7	74.7	74.7
1800	63.5	70.7	72.1	73.5	74.6	74.6	74.7	74.7	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1
1500	65.1	73.3	74.8	76.7	77.9	77.9	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.5	78.5	78.5
1200	66.2	75.9	78.3	80.3	81.6	81.6	81.8	81.8	81.8	82.2	82.4	82.4	82.4	82.5	82.5	82.5
1000	66.9	77.7	80.6	82.9	84.8	84.8	85.1	85.2	85.2	85.7	85.9	85.9	85.9	86.1	86.1	86.1
900	67.4	78.5	81.4	84.0	86.2	86.2	86.5	86.6	86.6	87.1	87.4	87.4	87.4	87.5	87.5	87.5
800	67.7	80.4	83.7	86.5	89.2	89.4	89.7	90.0	90.0	90.5	90.9	90.9	90.9	91.0	91.0	91.0
700	68.1	81.0	84.6	87.7	90.4	90.5	91.3	91.5	91.5	92.2	92.6	92.6	92.6	92.8	92.8	92.8
600	68.3	81.4	85.2	88.3	91.4	91.5	92.3	92.8	92.8	93.9	94.4	94.4	94.4	94.8	94.8	94.8
500	68.4	81.8	85.7	88.8	92.1	92.2	93.4	94.1	94.1	95.4	96.1	96.1	96.6	96.7	96.7	96.7
400	68.4	81.8	86.1	89.1	92.4	92.7	94.1	94.9	95.0	96.6	97.4	97.4	98.0	98.1	98.1	98.1
300	68.4	81.8	86.1	89.2	93.0	93.3	94.7	95.5	95.7	97.3	98.1	98.1	98.8	98.9	98.9	98.9
200	68.4	81.8	86.2	89.4	93.1	93.4	94.8	95.7	96.0	97.5	98.3	98.3	99.2	99.4	99.4	99.4
100	68.4	81.8	86.2	89.4	93.1	93.4	94.8	95.7	96.0	97.5	98.5	98.5	99.3	99.5	99.5	99.5
0	68.4	81.8	86.2	89.4	93.1	93.4	94.8	95.7	96.0	97.5	98.5	98.5	99.3	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 546

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

ALLIED/EGRY BUSINESS SYSTEMS

150523

1
2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DCI API STATION NAME 54-53 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-21 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
IV 20000	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	
IV 18000	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	
IV 16000	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	
IV 14000	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	
IV 12000	46.6	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	
IV 10000	50.2	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	
IV 9000	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	
IV 8000	54.3	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	
IV 7000	56.3	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	
IV 6000	57.5	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	
IV 5000	61.4	62.6	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	
IV 4500	62.6	64.4	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	
IV 4000	66.3	68.6	68.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	
IV 3500	67.8	70.2	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	
IV 3000	72.4	74.9	75.2	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	
IV 2500	76.3	79.6	80.0	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	
IV 2000	77.6	82.3	83.0	83.3	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	
IV 1800	78.1	83.3	84.1	84.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	
IV 1500	80.1	87.0	87.7	88.0	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	
IV 1200	80.5	88.6	89.5	90.6	91.7	91.7	91.8	92.0	92.0	92.0	92.0	92.3	92.4	92.4	92.4	
IV 1000	81.2	89.7	90.5	92.2	93.2	93.2	93.3	93.5	93.5	93.7	93.8	93.8	93.9	93.9	93.9	
IV 900	81.3	90.2	91.2	92.8	93.9	93.9	94.1	94.3	94.3	94.4	94.5	94.5	94.6	94.7	94.7	
IV 800	81.5	90.6	91.6	93.3	94.4	94.4	94.8	95.1	95.1	95.2	95.4	95.4	95.6	95.7	95.7	
IV 700	81.8	91.4	92.4	94.1	95.3	95.3	95.7	95.9	95.9	96.0	96.2	96.2	96.5	96.6	96.6	
IV 600	81.9	91.8	93.3	95.3	96.6	96.6	97.2	97.4	97.4	97.5	97.8	97.8	98.1	98.2	98.2	
IV 500	81.9	92.0	93.5	95.5	97.4	97.4	98.2	98.4	98.4	98.5	98.8	98.9	99.1	99.2	99.2	
IV 400	81.9	92.2	93.7	95.6	97.5	97.5	98.3	98.6	98.6	98.7	99.1	99.2	99.5	99.6	99.7	
IV 300	81.9	92.2	93.7	95.6	97.5	97.5	98.3	98.6	98.6	98.8	99.4	99.5	99.7	99.8	99.9	
IV 200	81.9	92.2	93.7	95.6	97.5	97.5	98.4	98.7	98.7	98.9	99.5	99.6	99.8	99.9	100.0	
IV 100	81.9	92.2	93.7	95.6	97.5	97.5	98.4	98.7	98.7	98.9	99.5	99.6	99.8	99.9	100.0	
IV 0	81.9	92.2	93.7	95.6	97.5	97.5	98.4	98.7	98.7	98.9	99.5	99.6	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 910

ILLIAD/EGRY BUSINESS SYSTEMS

150823

5
2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX SC DPT APT STATION NAME 34-63 YEARS MAR MONTH 1300-0500 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
IV 20000	37.4	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
IV 18000	37.7	38.5	38.5	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
IV 16000	38.1	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
IV 14000	38.8	39.6	39.6	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 12000	41.1	41.8	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 10000	44.8	45.7	45.7	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 9000	46.3	47.2	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 8000	50.3	51.3	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 7000	53.0	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 6000	53.8	54.9	54.9	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 5000	57.6	58.8	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 4500	60.1	61.5	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 4000	64.0	66.0	66.0	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 3500	65.8	68.3	68.3	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 3000	70.0	73.0	73.4	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 2500	72.9	77.4	78.2	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 2000	74.9	79.9	80.8	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1800	75.8	81.5	82.4	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 1500	77.3	84.5	85.7	86.1	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1200	79.6	88.1	89.4	90.5	91.4	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1000	80.1	89.5	91.0	92.5	93.7	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 900	80.2	89.8	91.3	92.9	94.2	94.2	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
IV 800	80.5	90.5	92.0	93.8	95.2	95.4	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 700	80.9	91.3	93.0	94.7	96.3	96.6	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 600	81.0	91.5	93.2	95.2	96.9	97.1	97.5	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1
IV 500	81.0	91.5	93.2	95.2	97.1	97.3	98.2	98.6	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2
IV 400	81.0	91.5	93.2	95.2	97.1	97.3	98.2	98.6	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2
IV 300	81.0	91.5	93.2	95.2	97.1	97.3	98.5	98.9	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7
IV 200	81.0	91.5	93.3	95.3	97.2	97.4	98.6	99.0	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9
IV 100	81.0	91.5	93.3	95.3	97.2	97.4	98.6	99.0	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9
IV 0	81.0	91.5	93.3	95.3	97.2	97.4	98.6	99.0	99.0	99.5	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/FORBY BUSINESS SYSTEMS

150023

1
2

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

CEILING VERSUS VISIBILITY

24292 CCMOX BC DOT API 54-53 4AR
STATION STATION NAME YEARS MONTH
0600-3800
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALLIED/FGW BUSINESS SYSTEMS

150523

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.4	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.9	33.0
20000	32.7	32.8	32.8	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.2	33.3
18000	33.2	33.3	33.3	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.9	34.0
16000	34.7	34.8	34.8	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.4	35.5
14000	38.0	38.1	38.1	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6	38.7	38.8
12000	42.5	42.8	42.8	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.4	43.5
10000	44.6	44.9	44.9	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.6	45.7
9000	48.6	48.9	48.9	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.7	49.8
8000	50.6	51.1	51.2	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.9	52.0
7000	51.5	52.0	52.2	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.9	53.0
6000	54.6	55.3	55.5	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.3
5000	55.5	56.5	56.7	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.5
4500	60.5	61.5	61.7	62.0	62.3	62.4	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.7	62.8
4000	62.3	63.7	63.9	64.3	64.5	64.6	64.7	64.7	64.7	64.8	64.9	64.9	64.9	64.9	65.1	65.2
3500	68.2	70.4	71.0	71.6	72.2	72.3	72.5	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.8	72.9
3000	71.6	74.1	74.6	75.6	76.1	76.2	76.5	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.8	76.9
2500	73.3	77.0	77.5	78.5	79.0	79.1	79.5	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	80.0
2000	73.8	77.4	78.0	78.9	79.5	79.6	79.9	79.9	79.9	80.0	80.1	80.1	80.2	80.2	80.3	80.4
1800	75.3	79.9	80.8	81.9	82.5	82.6	83.0	83.2	83.2	83.3	83.4	83.4	83.7	83.7	83.8	83.9
1500	76.7	82.7	83.8	85.2	85.9	86.0	86.5	86.7	86.7	86.9	87.0	87.0	87.2	87.2	87.3	87.4
1200	76.9	83.9	85.4	86.9	88.0	88.2	89.2	89.5	89.5	89.7	89.8	89.8	90.0	90.1	90.2	90.3
1000	77.2	84.5	86.3	87.8	89.0	89.2	90.5	91.0	91.0	91.2	91.3	91.3	91.5	91.6	91.7	91.8
900	77.7	86.1	88.1	89.7	90.9	91.4	92.7	93.4	93.4	93.7	93.8	93.8	94.0	94.1	94.2	94.3
800	78.0	86.7	88.7	90.4	91.7	92.3	93.7	94.4	94.4	94.6	94.7	94.7	94.9	95.1	95.2	95.3
700	78.3	87.0	89.0	91.0	92.4	92.9	94.5	95.3	95.3	95.7	95.9	95.9	96.2	96.3	96.5	96.6
600	83.1	87.4	89.6	91.7	93.5	94.1	95.9	96.9	96.9	97.6	98.0	98.0	98.5	98.6	98.7	98.8
500	78.1	87.4	89.6	91.7	93.7	94.2	96.3	97.4	97.4	98.4	98.9	98.9	99.5	99.6	99.8	100.0
400	78.1	87.4	89.6	91.7	93.7	94.2	96.3	97.4	97.4	98.4	98.9	98.9	99.5	99.6	99.8	100.0
300	78.1	87.4	89.6	91.7	93.7	94.2	96.3	97.4	97.4	98.4	98.9	98.9	99.5	99.6	99.8	100.0
200	78.1	87.4	89.6	91.7	93.7	94.2	96.3	97.4	97.4	98.4	98.9	98.9	99.5	99.6	99.8	100.0
100	78.1	87.4	89.6	91.7	93.7	94.2	96.3	97.4	97.4	98.4	98.9	98.9	99.5	99.6	99.8	100.0
0	78.1	87.4	89.6	91.7	93.7	94.2	96.3	97.4	97.4	98.4	98.9	98.9	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DOI APT

54-63

YEARS

MAR

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	≥ 0	
NO CEILING															
20000	34.0	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4
18000	34.3	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9
16000	34.8	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3
14000	35.7	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2
12000	38.0	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5
10000	43.7	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5
9000	46.3	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2
8000	49.4	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4
7000	50.9	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
6000	51.3	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
5000	53.7	55.7	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
4500	54.8	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
4000	57.6	60.6	61.0	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
3500	60.1	63.4	63.8	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
3000	66.5	71.1	71.5	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
2500	69.9	74.9	75.4	75.8	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3
2000	73.3	78.7	79.2	79.7	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3
1800	74.0	79.1	79.7	80.2	80.4	80.5	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.1
1500	75.2	80.9	81.6	82.4	82.7	82.8	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.4
1200	76.6	82.6	83.4	84.5	84.9	85.1	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7
1000	77.1	84.1	85.4	86.6	87.5	87.6	88.3	88.4	88.4	88.4	88.6	88.7	88.7	88.7	88.8
900	77.1	84.3	85.6	86.8	87.8	88.0	88.6	88.7	88.7	88.9	89.2	89.2	89.2	89.2	89.4
800	77.7	85.8	87.6	88.9	90.0	90.3	91.4	91.7	91.7	92.0	92.4	92.5	92.5	92.5	92.6
700	78.3	86.2	88.3	89.8	91.2	91.6	93.1	93.5	93.5	94.0	94.3	94.5	94.6	94.6	94.7
600	78.3	86.3	86.7	90.3	92.0	92.5	94.4	94.9	94.9	95.8	96.2	96.5	96.7	96.7	96.8
500	78.1	86.8	89.2	91.2	93.0	93.4	96.1	96.7	96.7	98.0	98.4	98.6	99.0	99.1	99.4
400	78.1	86.9	89.5	91.4	93.2	93.7	96.3	96.9	96.9	98.2	98.6	98.8	99.2	99.4	99.6
300	78.1	86.9	89.5	91.4	93.2	93.7	96.3	97.0	97.1	98.4	98.8	99.0	99.5	99.8	99.9
200	78.1	86.9	89.5	91.4	93.2	93.7	96.3	97.0	97.1	98.4	98.8	99.0	99.5	99.8	99.9
100	78.1	86.9	89.5	91.4	93.2	93.7	96.3	97.0	97.1	98.4	98.8	99.0	99.5	99.8	99.9
0	78.1	86.9	89.5	91.4	93.2	93.7	96.3	97.0	97.1	98.4	98.8	99.0	99.5	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED-BENTLEY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 STATION CUMUX BC DDT API STATION NAME 54-63 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.5	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 20000	36.9	37.7	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 18000	37.1	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
IV 16000	38.5	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 14000	40.5	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 12000	44.4	45.3	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 10000	47.1	48.1	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 9000	51.8	53.2	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 8000	53.7	55.4	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 7000	54.1	55.8	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 6000	56.6	58.6	59.2	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 5000	58.0	60.0	60.6	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 4500	62.2	64.6	65.4	65.5	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4000	64.6	67.1	67.8	68.0	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 3500	70.9	74.3	75.1	75.3	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 3000	74.4	78.8	79.6	80.1	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 2500	77.2	82.0	82.9	83.7	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 2000	77.4	82.4	83.2	84.1	84.5	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 1800	78.5	84.2	85.1	86.0	86.9	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1500	79.5	85.6	86.5	87.6	88.5	89.1	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1200	79.9	86.2	87.2	88.6	89.7	90.4	91.0	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4
IV 1000	79.9	86.3	87.5	88.9	90.0	90.8	91.3	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7
IV 900	80.3	87.5	89.2	91.3	92.8	93.7	94.8	95.4	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 800	80.3	87.8	89.6	91.6	93.5	94.4	95.7	96.2	96.2	96.7	97.1	97.1	97.1	97.1	97.1	97.1
IV 700	80.3	88.4	90.1	92.2	94.2	95.2	96.7	97.3	97.3	97.8	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	80.4	89.6	90.3	92.4	94.4	95.4	97.0	97.7	97.7	98.7	99.4	99.4	99.6	99.6	99.6	99.6
IV 500	80.4	88.6	90.3	92.4	94.4	95.4	97.0	97.7	97.7	98.7	99.4	99.4	99.7	99.7	99.7	99.7
IV 400	80.4	88.6	90.3	92.4	94.4	95.4	97.2	98.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0
IV 300	80.4	88.6	90.3	92.4	94.4	95.4	97.2	98.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0
IV 200	80.4	88.6	90.3	92.4	94.4	95.4	97.2	98.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0
IV 100	80.4	88.6	90.3	92.4	94.4	95.4	97.2	98.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0
IV 0	80.4	88.6	90.3	92.4	94.4	95.4	97.2	98.1	98.1	99.0	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/FEBY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 STATION CMOX FC DOT API STATION NAME 54-63 YEARS MAR MONTH
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1500-1700 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000	37.6	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
IV 18000	38.0	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
IV 16000	38.7	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 14000	40.4	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 12000	42.3	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 10000	46.2	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 9000	49.2	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 8000	54.6	55.7	55.8	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 7000	56.0	57.4	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 6000	56.9	58.4	58.8	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 5000	59.4	61.1	61.5	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 4500	61.4	63.3	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 4000	65.1	66.9	67.3	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 3500	66.7	69.0	69.4	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 3000	73.2	76.3	76.7	77.5	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 2500	76.6	80.6	81.0	81.8	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 2000	78.7	83.8	84.4	85.2	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1800	78.7	84.2	84.7	85.6	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1500	79.7	86.1	86.6	87.5	88.4	88.5	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1200	80.3	87.4	87.9	88.9	89.8	89.9	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 1000	80.3	87.6	88.1	89.1	90.1	90.2	90.6	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2
IV 900	80.5	87.8	88.6	89.5	90.5	90.6	91.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6
IV 800	81.3	89.1	89.9	91.3	92.9	93.2	94.4	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2
IV 700	81.6	89.4	90.2	91.6	93.3	93.6	95.0	95.5	95.5	95.8	95.8	95.8	96.0	96.0	96.0
IV 600	81.6	89.5	90.3	91.7	94.2	94.6	96.0	96.7	96.7	97.1	97.3	97.3	97.5	97.5	97.5
IV 500	81.6	89.7	90.4	91.8	94.6	95.5	97.2	98.1	98.1	98.7	98.9	98.9	99.1	99.1	99.1
IV 400	81.6	89.7	90.4	91.8	94.6	95.5	97.2	98.2	98.2	99.0	99.4	99.4	99.7	99.7	99.7
IV 300	81.6	89.7	90.4	91.8	94.6	95.5	97.2	98.3	98.3	99.1	99.5	99.5	100.0	100.0	100.0
IV 200	81.6	89.7	90.4	91.8	94.6	95.5	97.2	98.3	98.3	99.1	99.5	99.5	100.0	100.0	100.0
IV 100	81.6	89.7	90.4	91.8	94.6	95.5	97.2	98.3	98.3	99.1	99.5	99.5	100.0	100.0	100.0
IV 0	81.6	89.7	90.4	91.8	94.6	95.5	97.2	98.3	98.3	99.1	99.5	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

ALLIED/BERRY BUSINESS SYSTEMS

136523

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28891

CEILING VERSUS VISIBILITY

24292
 STATION

COMDX DC DOT API
 STATION NAME

54-53
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000	42.2	42.2	42.2	42.2	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000	42.4	42.4	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000	42.5	42.5	42.5	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 14000	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 12000	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 10000	48.5	48.5	48.5	48.5	48.5	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 9000	50.4	50.5	50.5	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	57.0	57.5	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 7000	58.9	60.1	60.3	60.3	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	60.2	61.5	61.8	61.8	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 5000	63.5	65.0	65.4	65.4	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4500	64.9	66.5	66.8	66.8	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	66.7	68.5	68.8	68.8	69.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3500	68.2	70.4	70.8	71.0	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	71.7	74.5	74.9	75.1	75.5	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	75.6	80.4	80.9	81.3	81.9	82.0	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	78.5	84.1	85.1	85.5	86.2	86.3	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	79.1	84.9	86.1	86.5	87.2	87.3	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	80.3	86.8	88.1	88.6	89.5	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	80.4	87.8	89.2	89.9	90.9	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	80.4	88.5	90.0	90.9	92.6	92.7	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	80.6	89.1	90.7	91.8	93.5	93.6	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	81.0	90.1	92.0	93.2	95.0	95.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	81.2	90.7	92.7	93.9	95.8	95.9	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	81.2	90.8	92.8	94.0	96.0	96.2	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	81.2	91.0	93.0	94.3	96.7	97.1	98.8	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	81.2	91.0	93.0	94.3	96.8	97.2	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	81.2	91.0	93.0	94.3	96.8	97.2	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	81.2	91.0	93.0	94.3	96.8	97.2	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	81.2	91.0	93.0	94.3	96.8	97.2	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	81.2	91.0	93.0	94.3	96.8	97.2	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 327

ALLIED/BERRY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX NC DOI APT 54-63 YEARS MONTH MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (LST)

ALLIED/BGR BUSINESS SYSTEMS

150523

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
≥ 20000	44.1	44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.9	
≥ 18000	44.2	44.6	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.0	
≥ 16000	44.2	44.6	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.0	
≥ 14000	44.6	44.9	44.9	45.0	45.0	45.0	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.3	
≥ 12000	46.7	47.0	47.0	47.1	47.1	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.5	
≥ 10000	49.4	49.7	49.7	49.8	49.8	49.8	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.2	
≥ 9000	51.7	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5	
≥ 8000	56.9	57.7	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4	
≥ 7000	59.4	60.7	61.0	61.1	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6	
≥ 6000	60.3	61.6	61.9	62.1	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.6	
≥ 5000	63.7	65.4	65.8	66.0	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.5	
≥ 4500	64.6	66.3	66.6	66.8	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	
≥ 4000	68.6	70.6	71.2	71.4	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	
≥ 3500	71.3	73.8	74.2	74.4	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	
≥ 3000	73.8	77.2	77.5	77.9	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7	
≥ 2500	77.4	81.7	82.5	83.2	83.5	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	
≥ 2000	79.2	84.3	85.4	86.1	86.4	86.4	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	
≥ 1800	79.5	85.1	86.3	87.1	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.1	
≥ 1500	80.6	86.8	88.1	89.1	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	
≥ 1200	80.8	87.2	88.8	90.0	90.5	90.6	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.4	
≥ 1000	81.3	88.2	89.8	91.4	92.1	92.2	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	93.0	
≥ 900	81.4	88.8	90.7	92.5	93.5	93.6	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.4	
≥ 800	81.7	89.8	91.8	93.6	94.8	94.9	95.4	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.8	
≥ 700	81.9	90.3	92.6	94.6	95.8	95.9	96.6	96.6	96.6	96.7	96.9	96.9	96.9	96.9	97.0	
≥ 600	81.7	90.7	93.1	95.3	96.8	96.9	97.6	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.1	
≥ 500	82.0	91.0	93.4	95.7	97.3	97.4	98.3	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.9	
≥ 400	82.2	91.1	93.8	96.1	97.7	97.8	98.7	98.9	98.9	99.2	99.5	99.5	99.6	99.6	99.7	
≥ 300	82.5	91.1	93.8	96.1	97.7	97.8	98.8	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.8	
≥ 200	82.5	91.1	93.8	96.1	97.7	97.8	98.8	99.1	99.1	99.6	99.8	99.8	99.9	99.9	100.0	
≥ 100	82.0	91.1	93.8	96.1	97.7	97.8	98.8	99.1	99.1	99.6	99.8	99.8	99.9	99.9	100.0	
≥ 0	82.0	91.1	93.8	96.1	97.7	97.8	98.8	99.1	99.1	99.6	99.8	99.8	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 929

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

CEILING VERSUS VISIBILITY

24292 CUMOX BC DDT API STATION NAME

54-63

YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3000-0200 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	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
18000	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
16000	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
14000	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
12000	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
10000	57.3	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
9000	59.0	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
8000	64.2	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
7000	67.0	67.4	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
6000	68.4	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
5000	74.9	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
4500	77.2	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
4000	80.4	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
3500	81.7	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
3000	84.1	86.3	86.6	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
2500	85.3	88.6	88.9	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2000	86.8	90.7	91.1	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1800	86.8	90.7	91.3	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
1500	87.8	92.7	93.3	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
1200	88.2	93.9	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1000	88.9	95.1	96.0	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900	89.2	96.0	96.9	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
800	89.4	96.2	97.1	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
700	89.6	96.8	97.8	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	89.9	97.2	98.3	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
500	90.0	97.3	98.4	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	90.0	97.3	98.6	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	90.0	97.3	98.6	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	90.0	97.3	98.6	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	90.0	97.3	98.6	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	90.0	97.3	98.6	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

ALLES/FORM BUSINESS SYSTEMS

150023



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

CEILING VERSUS VISIBILITY

24292 2040X BC DDT API 54-63 APR
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0370-450
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	44.6	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.2	45.2	45.2	
18000	44.6	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.2	45.2	45.2	
16000	44.6	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1	45.2	45.2	45.2	
14000	45.9	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.6	46.6	46.6	
12000	48.7	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.4	49.4	49.4	
10000	53.2	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	54.0	54.0	54.0	
9000	54.6	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.3	55.3	55.3	
8000	59.3	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	
7000	61.4	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2	62.2	62.2	
6000	63.0	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	
5000	69.3	70.2	70.3	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.8	
4500	71.2	72.4	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.0	
4000	75.7	77.1	77.2	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.8	
3500	78.6	80.2	80.4	80.4	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	
3000	82.0	84.0	84.2	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	
2500	83.2	85.9	86.2	86.2	86.8	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	
2000	84.0	87.1	87.6	87.8	88.3	88.3	88.4	88.4	88.4	88.4	88.6	88.6	88.7	88.7	88.7	
1800	84.7	87.8	88.4	88.7	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.6	89.6	89.6	
1500	86.1	89.3	90.1	90.3	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.4	91.4	91.4	
1200	86.6	90.6	91.3	91.6	92.3	92.3	92.6	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	
1000	87.0	91.8	92.8	93.0	93.8	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	
900	87.2	92.3	93.7	93.9	94.7	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.1	
800	87.9	93.4	95.0	95.3	96.1	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.6	96.6	96.6	
700	88.2	94.3	95.6	95.9	96.7	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	
600	88.7	94.8	96.4	96.8	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0	
500	88.8	95.1	96.9	97.4	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	
400	88.9	95.3	97.1	97.9	98.8	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	
300	88.9	95.4	97.2	98.0	98.9	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	
200	88.9	95.4	97.2	98.0	98.9	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.9	99.9	99.9	
100	88.9	95.4	97.2	98.0	98.9	98.9	99.2	99.2	99.2	99.3	99.4	99.6	100.0	100.0	100.0	
0	88.9	95.4	97.2	98.0	98.9	98.9	99.2	99.2	99.2	99.3	99.4	99.6	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 322

ALLIED/FGV BUSINESS SYSTEMS

120523

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

CEILING VERSUS VISIBILITY

24252
 STATION

COMB LG DMI API
 STATION NAME

54-63
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

600-0207
 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	43.9	44.2	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
18000	44.4	44.8	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
16000	44.4	44.8	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
14000	45.5	45.9	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
12000	48.2	48.6	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
10000	53.5	53.8	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
9000	55.5	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
8000	59.7	60.4	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
7000	61.4	62.5	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
6000	62.6	64.0	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
5000	65.6	67.8	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
4500	66.9	69.3	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
4000	72.5	75.5	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
3500	74.7	77.7	78.4	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
3000	78.0	81.5	82.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
2500	79.6	83.3	84.0	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
2000	80.4	84.7	85.5	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1800	80.7	85.1	85.9	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1500	82.1	87.2	87.8	88.8	89.1	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
1200	82.5	88.2	89.1	90.5	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1000	82.6	88.9	90.5	92.2	93.1	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
900	82.7	89.1	90.8	92.5	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
800	83.2	89.8	91.8	93.5	94.8	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4
700	83.2	89.9	91.9	93.7	95.1	95.3	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.0
600	83.5	90.5	92.7	94.5	96.1	96.4	96.8	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.2
500	83.6	90.8	93.0	95.2	97.2	97.6	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.7
400	84.0	91.2	93.5	95.8	97.9	98.2	98.8	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.6
300	84.0	91.3	93.7	95.9	98.0	98.3	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7
200	84.0	91.3	93.7	95.9	98.0	98.3	98.9	99.3	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7
100	84.0	91.3	93.7	95.9	98.0	98.3	98.9	99.3	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8
0	84.0	91.3	93.7	95.9	98.0	98.3	98.9	99.3	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS

898

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28601

CEILING VERSUS VISIBILITY

24292 STATION COMMUNICATIONALS API STATION NAME

54-63 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1951
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	46.4	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	
18000	46.4	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	
16000	47.2	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
14000	48.1	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	
12000	50.4	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
10000	55.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	
9000	58.1	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
8000	62.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	
7000	64.4	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
6000	64.9	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	
5000	67.8	69.4	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
4500	68.9	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
4000	72.7	75.2	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
3500	75.8	78.9	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
3000	80.0	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
2500	81.6	85.9	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
2000	83.3	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
1800	83.4	88.3	88.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
1600	84.3	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
1500	84.3	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
1200	85.0	91.2	91.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
1000	85.4	92.3	92.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
900	85.7	92.6	92.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
800	86.1	93.6	93.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
700	86.1	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
600	86.1	94.2	94.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
500	86.2	94.4	94.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
400	86.2	94.4	94.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
300	86.2	94.4	94.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
200	86.2	94.4	94.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
100	86.2	94.4	94.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
0	86.2	94.4	94.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	

TOTAL NUMBER OF OBSERVATIONS

ALLIED-LIGHT BUSINESS SYSTEMS

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

242.2
 STATION

COMOX LC DDI API
 STATION NAME

54-63
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1201-140
 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	46.4	47.1	47.3	47.3	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
20000	46.3	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
18000	47.3	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
16000	49.6	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
14000	51.9	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
12000	57.1	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
10000	59.2	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
9000	63.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
8000	64.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
7000	65.0	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
6000	70.8	72.3	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
5000	72.2	73.8	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
4500	76.4	76.9	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
4000	79.9	82.3	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
3500	83.0	87.2	87.4	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
3000	86.2	90.1	90.3	90.9	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
2500	87.4	91.9	92.2	93.1	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2000	87.7	92.2	92.7	93.6	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1800	88.0	92.9	93.3	94.2	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1500	88.6	93.9	94.3	95.3	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1200	88.8	94.2	94.9	96.0	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1000	89.0	94.4	95.2	96.3	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
900	89.2	94.6	95.6	96.7	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
800	89.1	94.7	95.7	96.9	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700	89.1	94.8	96.0	97.2	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
600	89.2	95.0	96.2	97.4	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
500	89.2	95.1	96.3	97.7	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	89.2	95.1	96.3	97.8	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	89.2	95.1	96.3	97.8	98.4	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	89.2	95.1	96.3	97.8	98.4	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	89.2	95.1	96.3	97.8	98.4	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	89.2	95.1	96.3	97.8	98.4	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DQI API STATION NAME

54-63 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	42.4	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
20000	42.4	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
18000	43.1	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
16000	43.1	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
14000	45.2	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
12000	47.7	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
10000	52.6	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
9000	55.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
8000	59.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
7000	62.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
6000	63.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
5000	68.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
4500	70.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
4000	75.0	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
3500	78.3	81.6	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
3000	83.9	88.1	88.7	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
2500	86.8	91.8	92.3	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
2000	88.2	93.4	94.4	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
1800	88.2	93.7	94.7	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
1500	88.2	93.7	94.7	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
1200	88.6	94.4	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1000	88.8	94.7	95.8	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
900	88.8	94.7	95.8	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
800	89.0	95.1	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
700	89.0	95.3	96.4	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
600	89.0	95.3	96.6	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
500	89.0	95.3	96.6	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
400	89.0	95.3	96.6	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
300	89.0	95.4	96.7	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
200	89.0	95.4	96.7	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
100	89.0	95.4	96.7	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
0	89.0	95.4	96.7	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 910

ALLIED/BRY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 COMOX BC DGT APT

54-63

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-00
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 16000	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 14000	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 12000	50.3	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 10000	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 9000	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	71.4	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	73.7	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	79.6	80.9	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
≥ 3500	82.1	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	86.1	88.9	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
≥ 2500	87.7	91.2	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
≥ 2000	88.4	92.4	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
≥ 1800	88.7	92.7	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	89.3	93.5	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	89.4	94.1	95.2	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	89.5	94.5	95.7	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	89.5	94.5	95.8	96.0	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	89.5	94.9	96.2	96.6	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	89.7	95.1	96.4	97.3	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	89.7	95.2	96.8	97.3	98.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	89.7	95.4	97.1	97.9	98.8	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	89.7	95.4	97.1	97.9	98.8	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	89.7	95.4	97.1	97.9	98.8	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	89.7	95.4	97.1	97.9	98.8	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.7	95.4	97.1	97.9	98.8	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.7	95.4	97.1	97.9	98.8	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

ALLIED-BARRY BUSINESS SYSTEMS

150023

1
2

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

CEILING VERSUS VISIBILITY

24292
STATION

COMGX BC DDT APT
STATION NAME

54-63
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	78.7	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	82.9	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
≥ 3500	84.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	87.3	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	89.7	89.7
≥ 2500	88.9	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	90.7	93.1	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	90.3	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	90.9	94.4	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	91.1	95.4	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	91.4	96.1	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	91.4	96.2	97.0	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	91.4	96.2	97.0	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	91.6	96.3	97.2	97.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	91.6	96.6	97.4	97.6	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	91.7	96.9	97.8	97.9	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	91.7	97.1	98.0	98.2	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.7	97.1	98.0	98.2	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.7	97.1	98.0	98.2	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.7	97.1	98.0	98.2	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.7	97.1	98.0	98.2	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/BRY BUSINESS SYSTEMS

150523

1
2

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

CEILING VERSUS VISIBILITY

24222 COMUX BC DOT APT

54-63

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
20000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
18000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
16000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
14000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
12000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
10000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
8000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
7000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
6000	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
5000	76.3	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
4500	82.4	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
4000	83.8	84.9	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
3500	87.6	89.3	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
3000	90.0	92.0	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
2500	91.7	94.2	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
2000	92.6	95.8	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1800	92.8	96.1	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1500	92.8	96.1	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1200	93.2	96.7	97.5	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1000	93.2	96.8	97.6	97.6	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
900	93.2	97.2	98.2	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
800	93.4	97.5	98.5	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700	93.4	97.5	98.5	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	93.6	97.8	98.8	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	93.7	98.0	98.9	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	93.7	98.0	98.9	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	93.7	98.0	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	93.7	98.0	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	93.7	98.0	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	93.7	98.0	98.9	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 427

ALLIED/CGI BUSINESS SYSTEMS

130523

2

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

CEILING VERSUS VISIBILITY

24272 STATION COMOX BC DOT APT STATION NAME 54-63 YEARS MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0600
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
IV 20000	49.8	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
IV 18000	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	
IV 16000	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	
IV 14000	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
IV 12000	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
IV 10000	58.9	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
IV 9000	60.6	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
IV 8000	65.6	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
IV 7000	67.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	
IV 6000	69.7	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	
IV 5000	76.3	78.3	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
IV 4500	79.4	81.6	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	
IV 4000	85.3	87.9	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
IV 3500	87.4	90.4	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
IV 3000	90.5	93.5	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
IV 2500	92.0	95.6	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
IV 2000	92.2	96.2	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
IV 1800	92.6	96.6	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
IV 1500	93.0	97.3	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 1200	93.2	97.6	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
IV 1000	93.4	97.8	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	
IV 900	93.4	97.8	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	
IV 800	93.4	97.8	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	
IV 700	93.4	97.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	
IV 600	93.4	97.8	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	
IV 500	93.4	97.8	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
IV 400	93.4	97.8	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
IV 300	93.4	97.8	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
IV 200	93.4	97.8	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
IV 100	93.4	97.8	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
IV 0	93.4	97.8	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 929

ALLIED/ERRY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DOT API STATION NAME 54-63 YEARS MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
≥ 20000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	
≥ 18000	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
≥ 16000	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	
≥ 14000	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
≥ 12000	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
≥ 10000	59.7	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
≥ 9000	62.3	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	
≥ 8000	67.1	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	
≥ 7000	70.1	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
≥ 6000	72.4	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
≥ 5000	77.2	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
≥ 4500	81.5	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
≥ 4000	85.6	87.3	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
≥ 3500	88.1	90.3	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
≥ 3000	90.4	93.1	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
≥ 2500	91.9	95.1	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
≥ 2000	92.6	95.9	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
≥ 1800	92.6	95.9	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
≥ 1500	93.0	96.6	97.3	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
≥ 1200	93.3	97.0	97.7	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
≥ 1000	93.5	97.2	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
≥ 900	93.7	97.3	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 800	93.7	97.3	98.3	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 700	93.7	97.3	98.3	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 600	93.7	97.3	98.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 500	93.7	97.4	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 400	93.7	97.4	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 300	93.7	97.4	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 200	93.7	97.4	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 100	93.7	97.4	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 0	93.7	97.4	98.7	99.0	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED / GRY BUSINESS SYSTEMS

150023

2

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

CEILING VERSUS VISIBILITY

24242 COMOX BC DOT API STATION NAME 54-63 YEARS MAY 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	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
20000	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
18000	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
16000	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
14000	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
12000	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
10000	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
9000	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
8000	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
7000	74.3	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
6000	76.1	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
5000	80.2	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
4500	82.4	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
4000	85.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
3500	88.1	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
3000	91.1	93.2	93.4	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
2500	92.9	95.4	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
2000	93.5	96.7	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1800	93.5	96.7	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1500	93.8	96.9	97.4	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
1200	93.8	96.9	97.4	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
1000	93.9	97.0	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900	94.0	97.2	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
800	94.2	97.8	98.5	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
700	94.3	98.0	98.6	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
600	94.3	98.0	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	94.5	98.2	98.8	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	94.5	98.2	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	94.5	98.2	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	94.5	98.2	98.8	99.4	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	94.5	98.2	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.5	98.2	98.8	99.4	99.8	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 930

ALLIED/EGRY BUSINESS SYSTEMS 150523

1
2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DOT API STATION NAME 54-63 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	58.6	59.0	59.0	59.0	59.0	59.0	59.7	59.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
18000	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	
16000	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
14000	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
12000	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
10000	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
9000	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
8000	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
7000	75.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	
6000	76.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
5000	81.1	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
4500	83.5	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	
4000	87.3	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
3500	90.8	93.0	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
3000	92.4	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
2500	93.9	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
2000	94.3	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
1800	94.3	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
1500	94.5	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
1200	94.5	97.8	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
1000	94.5	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
900	94.5	98.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
800	94.6	98.2	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
700	94.6	98.2	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
600	94.6	98.2	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
500	94.7	98.4	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
400	94.7	98.4	98.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
300	94.7	98.4	98.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	94.7	98.4	98.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	94.7	98.4	98.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	94.7	98.4	98.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/EGRY BUSINESS SYSTEMS

150023

2

DATA PROCESSING DIVISION
 FTAC, USAF
 ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

24252 STATION COMOX BL DOI APT STATION NAME 54-63 YEARS MAY MONTH 1500-1700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
18000	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
16000	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
14000	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
12000	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
10000	69.0	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
9000	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
8000	73.7	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
7000	75.6	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
6000	80.3	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
5000	82.8	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
4500	88.7	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
4000	91.4	92.4	92.7	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
3500	93.8	95.1	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
3000	94.8	96.5	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
2500	95.2	97.1	97.5	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2000	95.2	97.2	97.6	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1800	95.4	98.0	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1500	95.4	98.2	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1200	95.5	98.2	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1000	95.5	98.2	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
900	95.5	98.3	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
800	95.5	98.4	99.0	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
700	95.5	98.4	99.0	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
600	95.5	98.4	99.0	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
500	95.5	98.4	99.0	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
400	95.5	98.4	99.2	99.6	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	95.5	98.4	99.2	99.6	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	95.5	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	95.5	98.4	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.5	98.4	99.2	99.6	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 930

ALLIED/FGR BUSINESS SYSTEMS

190023

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

CEILING VERSUS VISIBILITY

24242 STATION COMGX BC OUT APT STATION NAME 54-63 YEARS MAY MONTH 1800-1800 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
20000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
18000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
16000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
14000	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
12000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
10000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
9000	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
8000	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
7000	78.1	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
6000	83.4	83.5	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
5000	85.6	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
4500	89.8	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
4000	92.4	92.9	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
3500	94.3	95.6	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
3000	94.9	96.4	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2500	95.5	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2000	95.7	97.3	98.2	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1800	95.8	97.4	98.3	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1500	95.8	97.4	98.4	98.4	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1200	95.8	97.5	98.5	98.5	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1000	95.9	97.6	98.6	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	95.9	97.6	98.7	98.7	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	96.0	97.8	98.9	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	96.0	97.8	98.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	96.0	97.8	98.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	96.0	97.8	98.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	96.0	97.8	98.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	96.0	97.8	98.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	96.0	97.8	98.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	96.0	97.8	98.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.0	97.8	98.9	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 229

ALLIED/EGW BUSINESS SYSTEMS

150023

1
2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DET APT STATION NAME

54-60 YEARS

MAY
 MONTH
 1954-55
 YEARS (LAST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
20000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
18000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
16000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
14000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
12000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
10000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
9000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
8000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
7000	76.5	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
6000	83.3	82.9	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
5000	86.3	87.2	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
4500	89.0	90.3	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
4000	91.3	92.7	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
3500	93.0	94.6	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
3000	93.8	95.9	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
2500	94.4	96.7	97.7	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
2000	94.1	96.8	97.8	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1800	94.4	97.3	98.4	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1500	94.4	97.4	98.6	98.6	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1200	94.5	97.5	98.7	98.8	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1000	94.5	97.5	98.7	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900	94.5	97.5	98.7	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	94.5	97.5	98.7	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	94.5	97.5	98.7	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	94.6	97.6	98.8	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	94.6	97.6	98.8	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	94.6	97.6	98.8	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	94.6	97.6	98.8	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	94.6	97.6	98.8	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	94.6	97.6	98.8	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.6	97.6	98.8	98.9	99.4	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 928

ALLIED TERRY BUSINESS SYSTEMS
 150523

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX EC LDI AMI STATION NAME

54-63 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-1800 HOURS (L.S.T.)

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	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
18000	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
16000	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
14000	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
12000	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
10000	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
9000	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
8000	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
7000	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
6000	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
5000	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
4500	83.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
4000	89.4	90.6	90.8	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
3500	91.3	92.7	92.9	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
3000	93.6	95.1	95.4	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
2500	94.4	96.0	96.3	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
2000	94.8	96.4	97.0	97.3	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1800	94.9	96.6	97.1	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
1500	95.2	97.1	97.7	98.2	98.2	98.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1200	95.6	97.8	98.3	98.7	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1000	95.6	97.8	98.4	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
900	95.6	97.8	98.4	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
800	95.6	97.8	98.4	98.9	98.9	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	95.6	97.8	98.4	98.9	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	95.6	97.8	98.4	98.9	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	95.6	98.0	98.7	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
400	95.6	98.0	98.7	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
300	95.6	98.0	98.7	99.1	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	95.6	98.0	98.7	99.1	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	95.6	98.0	98.7	99.1	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	95.6	98.0	98.7	99.1	99.3	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

150623 ALLIED/GOV BUSINESS SYSTEMS

AD-A100 240

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
COMOX APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SUMMARY OF--ETC(11)
NOV 65

UNCLASSIFIED

USAFETAC/DS-81/035

SBIE-AD-E850 063

ML

3 of 4

AD
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1
2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DOT API STATION NAME

54-63 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	39.9	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	
≥ 20000	40.1	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	
IV 18000	40.4	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	
IV 16000	41.9	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	
IV 14000	44.9	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
IV 12000	49.3	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
IV 10000	52.8	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	
IV 9000	57.8	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	
IV 8000	60.3	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
IV 7000	63.0	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
IV 6000	73.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
IV 5000	76.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	
IV 4500	84.3	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
IV 4000	87.7	89.2	89.4	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
IV 3500	91.9	93.7	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
IV 3000	92.7	94.6	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
IV 2500	93.6	95.7	95.9	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
IV 2000	94.0	96.4	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
IV 1800	94.4	97.1	97.3	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
IV 1500	94.6	97.3	97.6	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
IV 1200	94.7	97.4	97.7	97.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
IV 1000	94.7	97.6	97.8	98.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0	
IV 900	94.7	97.6	97.8	98.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0	
IV 800	94.7	97.6	97.8	98.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0	
IV 700	94.7	97.6	97.8	98.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0	
IV 600	94.8	97.7	97.9	98.1	98.6	98.6	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	
IV 500	94.8	97.9	98.1	98.3	99.1	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	
IV 400	94.8	97.9	98.1	98.3	99.1	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	
IV 300	94.8	97.9	98.1	98.3	99.1	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	
IV 200	94.8	97.9	98.1	98.3	99.1	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	
IV 100	94.8	97.9	98.1	98.3	99.1	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	
IV 0	94.8	97.9	98.1	98.3	99.1	99.1	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/BRY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DOT API STATION NAME

54-63 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1620-1807 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
IV 20000	40.3	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
IV 18000	40.6	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 16000	40.8	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 14000	42.2	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 12000	45.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 10000	51.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 9000	55.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 8000	60.1	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 7000	62.8	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 6000	65.6	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 5000	73.9	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 4500	77.8	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 4000	82.7	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 3500	86.0	88.4	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3000	90.0	92.4	92.9	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 2500	90.8	93.8	94.2	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 2000	91.9	95.1	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	91.9	95.1	95.7	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500	92.2	95.7	96.3	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	92.4	96.0	96.7	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	92.7	96.2	96.9	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	92.7	96.3	97.0	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	93.0	97.0	97.7	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	93.0	97.1	97.8	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	93.0	97.1	97.8	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	93.1	97.3	98.0	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	93.1	97.3	98.0	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	93.1	97.4	98.1	99.0	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	93.1	97.4	98.1	99.0	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	93.1	97.4	98.1	99.0	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	93.1	97.4	98.1	99.0	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/BGRV BUSINESS SYSTEMS

150523

1
2

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

CEILING VERSUS VISIBILITY

24272 STATION COMGX BC DDI APT STATION NAME

54-63 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 18000	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 16000	46.3	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 14000	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 12000	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 10000	57.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 9000	61.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 8000	65.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 7000	67.6	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 6000	70.9	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 5000	75.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 4500	78.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4000	82.8	85.3	85.3	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 3500	87.4	90.2	90.2	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 3000	91.2	94.3	94.4	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 2500	92.7	96.0	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
IV 2000	93.1	96.6	96.7	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 1800	93.1	96.6	96.7	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 1500	93.1	96.9	97.0	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
IV 1200	93.1	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1000	93.2	97.7	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	93.3	97.9	98.1	98.4	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 800	93.3	98.0	98.2	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
IV 700	93.3	98.0	98.2	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
IV 600	93.3	98.0	98.2	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 500	93.3	98.0	98.2	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	93.3	98.0	98.2	98.9	99.2	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.3	98.0	98.2	98.9	99.2	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.3	98.0	98.2	98.9	99.2	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.3	98.0	98.2	98.9	99.2	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.3	98.0	98.2	98.9	99.2	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/EGRY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24222 STATION COMOX BC DOT API

54-63 YEAR

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	44.5	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
≥ 20000	44.5	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
≥ 18000	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
≥ 16000	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	
≥ 14000	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
≥ 12000	52.2	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	
≥ 10000	57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
≥ 9000	60.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	
≥ 8000	63.5	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
≥ 7000	65.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
≥ 6000	68.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
≥ 5000	76.3	77.8	77.8	77.8	77.8	77.8	77.8	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
≥ 4500	78.2	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
≥ 4000	83.7	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	
≥ 3500	86.5	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
≥ 3000	91.1	93.5	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
≥ 2500	93.0	95.8	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
≥ 2000	93.6	96.5	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	
≥ 1800	93.6	96.6	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
≥ 1500	94.0	97.3	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
≥ 1200	94.1	97.4	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
≥ 1000	94.4	98.1	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	
≥ 900	94.5	98.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
≥ 800	94.7	98.4	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 700	94.7	98.4	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	
≥ 600	94.7	98.4	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	
≥ 500	94.9	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 400	94.9	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 300	94.9	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 200	94.9	98.5	99.2	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	94.9	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 0	94.9	98.5	99.2	99.7	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 895

ALLIED/BORG BUSINESS SYSTEMS

150523

1
2

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

CEILING VERSUS VISIBILITY

242y2 STATION COMOX BC DOT APT STATION NAME 54-63 YEARS JUN MONTH 1500-1700 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
20000	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
18000	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
16000	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
14000	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
12000	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
10000	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
9000	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
8000	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
7000	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
6000	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
5000	80.6	80.9	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
4500	86.7	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
4000	89.7	90.5	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
3500	94.0	95.1	95.3	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
3000	95.1	96.3	96.6	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
2500	95.7	97.0	97.4	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
2000	95.8	97.4	98.2	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
1900	95.8	97.4	98.2	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
1500	95.8	97.4	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1200	95.8	97.4	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1000	95.8	97.4	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
900	96.3	98.2	99.1	100.0	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	96.3	98.2	99.1	100.0	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	96.3	98.2	99.1	100.0	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	96.3	98.2	99.1	100.0	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	96.3	98.2	99.1	100.0	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	96.3	98.2	99.1	100.0	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	96.3	98.2	99.1	100.0	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	96.3	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	96.3	98.2	99.1	100.0	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	96.3	98.2	99.1	100.0	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 899

ALLIED/BRY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 CUMOX BC 001 APT STATION NAME

54-63 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
≥ 20000	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 18000	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 16000	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 14000	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 12000	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 10000	52.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 9000	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 7000	63.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000	67.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	76.3	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	81.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	87.2	89.6	89.6	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
≥ 3500	90.7	93.5	93.6	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
≥ 3000	92.6	96.0	96.1	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
≥ 2500	93.4	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	93.6	97.7	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	93.6	97.8	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	93.6	97.8	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	93.6	97.8	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	93.6	98.0	98.2	98.4	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	93.8	98.4	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	93.8	98.6	98.8	99.0	99.3	99.3	99.6	99.6	99.6	99.8	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	93.8	98.6	98.8	99.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	93.8	98.6	98.8	99.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.8	98.7	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.9	98.8	99.0	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.9	98.9	99.1	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
≥ 200	93.9	98.9	99.1	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	93.9	98.9	99.1	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
≥ 0	93.9	98.9	99.1	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

TOTAL NUMBER OF OBSERVATIONS 897

150523 ALLIED/EGRY BUSINESS SYSTEMS

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

CEILING VERSUS VISIBILITY

24292 STATION CUMOX KC DOT API STATION NAME 54-63 YEARS MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

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	≥ 1/8	≥ 0	
NO CEILING																
≥ 20000	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
≥ 18000	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
≥ 16000	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	
≥ 14000	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	
≥ 12000	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
≥ 10000	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	
≥ 9000	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
≥ 8000	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
≥ 7000	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	
≥ 6000	66.0	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
≥ 5000	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
≥ 4500	80.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
≥ 4000	87.9	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	
≥ 3500	91.0	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
≥ 3000	92.3	94.6	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
≥ 2500	93.0	95.9	96.0	96.2	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
≥ 2000	93.7	97.2	97.3	97.7	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
≥ 1800	93.9	97.6	97.7	98.0	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
≥ 1500	93.9	97.6	97.8	98.2	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 1200	93.9	97.6	97.9	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 1000	93.9	97.6	97.9	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 900	93.9	97.6	97.9	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 800	93.9	97.6	97.9	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 700	93.9	97.6	97.9	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 600	94.0	97.9	98.2	98.7	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 500	94.0	98.1	98.4	98.9	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 400	94.0	98.2	98.6	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 300	94.0	98.2	98.6	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 200	94.0	98.2	98.6	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 100	94.0	98.2	98.6	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 0	94.0	98.2	98.6	99.0	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/GOV. BUSINESS SYSTEMS

1500323

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

CEILING VERSUS VISIBILITY

24292 STATION COMUX BC DBI API

54-63 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000-3200 HOURS (L.S.T.)

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	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
20000	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
18000	67.0	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
16000	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
14000	69.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
12000	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
10000	73.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
9000	77.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
8000	81.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
7000	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
6000	87.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
5000	89.5	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
4500	92.9	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
4000	93.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
3500	94.1	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
3000	94.5	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
2500	94.9	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
2000	95.3	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	97.6
1800	95.4	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
1500	95.5	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1200	95.5	98.5	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
1000	95.5	98.6	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
900	95.5	98.6	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
800	95.5	98.6	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
700	95.5	98.6	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
600	95.5	98.6	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
500	95.8	98.9	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
400	95.8	99.1	99.5	99.9	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	95.8	99.1	99.5	99.9	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	95.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	95.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	95.8	99.1	99.5	99.9	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 925

ALLIED/GEN BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 COMUX BC DDT APT
STATION STATION NAME

54-63
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	IV 10	IV 6	IV 5	IV 4	IV 3	IV 2½	IV 2	IV 1½	IV 1¼	IV 1	IV ¾	IV ½	IV ¼	IV 5/16	IV ¼	IV 0
NO CEILING																
IV 20000	58.8	59.7	59.8	59.9	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 18000	58.8	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 16000	59.4	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 14000	59.9	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 12000	62.4	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 10000	65.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 9000	67.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 8000	70.9	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
IV 7000	74.3	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 6000	76.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 5000	83.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4500	85.7	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
IV 4000	90.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1
IV 3500	91.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4
IV 3000	92.9	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9
IV 2500	93.5	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7
IV 2000	93.8	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9
IV 1800	94.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1
IV 1500	94.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3
IV 1200	94.4	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7
IV 1000	94.4	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8
IV 900	94.4	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0
IV 800	94.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2
IV 700	94.5	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4
IV 600	94.5	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.8	98.8	98.8
IV 500	94.6	98.2	98.4	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1
IV 400	94.9	98.6	98.8	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7
IV 300	94.9	98.7	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	94.9	98.7	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	94.9	98.7	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	94.9	98.7	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED / GARY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC LOI API

54-63 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-2300 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	55.9	56.4	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	
18000	56.2	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	
16000	56.2	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	
14000	57.2	57.7	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	
12000	60.4	61.1	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
10000	64.3	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
9000	66.5	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	
8000	69.6	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
7000	71.6	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
6000	73.8	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
5000	79.8	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	
4500	81.7	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
4000	86.6	89.3	89.3	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
3500	88.7	91.6	91.6	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
3000	91.0	94.0	94.2	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
2500	92.2	95.7	95.9	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
2000	92.7	96.3	96.7	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
1800	92.8	96.4	96.8	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
1500	93.1	97.0	97.3	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
1200	93.1	97.2	97.5	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
1000	93.1	97.3	97.6	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
900	93.1	97.4	97.8	98.4	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	
800	93.1	97.4	97.8	98.4	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	
700	93.1	97.4	97.8	98.4	98.7	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
600	93.2	97.5	98.0	98.5	98.8	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
500	93.3	97.7	98.2	98.9	99.2	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
400	93.3	97.7	98.3	99.0	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
300	93.3	97.7	98.3	99.0	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
200	93.3	97.7	98.3	99.0	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
100	93.3	97.7	98.3	99.0	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
0	93.3	97.7	98.3	99.0	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 127

ALLIED TORY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 STATION COMUX SC DOT API

54-63

YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING	61.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
20000	61.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
18000	61.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
16000	62.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
14000	63.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
12000	66.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
10000	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
9000	73.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
8000	75.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
7000	78.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
6000	79.6	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
5000	84.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
4500	86.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
4000	89.8	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
3500	92.0	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
3000	92.8	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
2500	93.2	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2000	93.3	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1800	93.3	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1500	94.0	97.5	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1200	94.0	97.7	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1000	94.2	98.2	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
900	94.3	98.3	98.5	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
800	94.3	98.3	98.5	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	94.3	98.4	98.6	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	94.4	98.5	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	94.4	98.5	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	94.4	98.5	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	94.4	98.5	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	94.4	98.5	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	94.4	98.5	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	94.4	98.5	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

24292
 STATION

COMOX DC 001 API
 STATION NAME

54-63
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 1-145
 (BASE LIST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	½	¼	1/16	0	
NO CEILING																
20000	63.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
18000	63.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
16000	63.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
14000	65.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
12000	68.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	
10000	72.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
9000	74.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
8000	77.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	
7000	80.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
6000	82.2	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	
5000	87.5	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	
4500	89.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
4000	92.2	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	
3500	93.8	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	
3000	94.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
2500	94.5	96.3	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
2000	94.8	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
1800	94.8	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
1500	95.1	97.8	97.8	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
1200	95.1	98.2	98.3	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
1000	95.4	98.5	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
900	95.4	98.5	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
800	95.4	98.5	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
700	95.4	98.5	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
600	95.4	98.5	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
500	95.4	98.5	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
400	95.4	98.5	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
300	95.4	98.5	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	95.4	98.5	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	95.4	98.5	98.8	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	95.4	98.5	98.8	99.4	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

930

ALTI-METRY BUSINESS SYS. INC.

150523

2

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

CEILING VERSUS VISIBILITY

24292 STATION COMEX SC 001 APT STATION NAME

54-63 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	63.6	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
18000	63.6	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
16000	63.7	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
14000	65.3	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
12000	67.8	68.5	68.5	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
10000	72.6	73.3	73.3	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
9000	74.5	75.2	75.2	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
8000	78.1	79.0	79.0	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
7000	80.7	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
6000	82.9	84.0	84.0	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
5000	87.6	88.5	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
4500	89.5	90.9	90.9	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
4000	91.7	93.3	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
3500	93.6	95.4	95.4	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
3000	94.9	96.8	96.8	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
2500	95.2	97.3	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
2000	95.5	98.0	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
1800	95.5	98.0	98.0	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
1500	95.5	98.0	98.0	98.3	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
1200	95.7	98.2	98.3	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
1000	95.7	98.4	98.5	98.7	99.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
900	95.7	98.4	98.5	98.7	99.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
800	95.7	98.4	98.5	98.7	99.2	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
700	95.7	98.5	98.6	98.8	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
600	95.7	98.5	98.6	98.8	99.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
500	95.7	98.5	98.6	98.8	99.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
400	95.7	98.5	98.6	98.8	99.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
300	95.7	98.5	98.6	98.8	99.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	95.7	98.5	98.6	98.8	99.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	95.7	98.5	98.6	98.8	99.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	95.7	98.5	98.6	98.8	99.5	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 926

ALLIED/FGRY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

STATION: 24292 CDMOX BC DDI AFI STATION NAME: 54-62 YEARS: JUL MONTH: 1969-1970

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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	≥ 1/4	≥ 0	
NO CEILING	63.2	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
20000	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
18000	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
16000	65.4	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
14000	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
12000	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
10000	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
9000	76.9	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
8000	80.4	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
7000	82.2	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
6000	89.0	89.8	89.8	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
5000	91.9	92.5	92.5	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
4500	93.5	94.3	94.3	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
4000	94.7	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
3500	96.2	97.3	97.3	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
3000	96.3	97.5	97.5	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
2500	96.5	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
2000	96.5	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1800	96.5	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1500	96.6	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1200	96.6	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1000	96.7	98.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
900	96.7	98.5	98.5	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
800	96.7	98.5	98.5	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
700	96.7	98.5	98.5	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
600	96.7	98.5	98.5	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
500	96.7	98.5	98.5	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
400	96.7	98.5	98.5	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
300	96.7	98.5	98.5	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
200	96.7	98.5	98.5	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
100	96.7	98.5	98.5	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
0	96.7	98.5	98.5	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

TOTAL NUMBER OF OBSERVATIONS 930

150023 ALLIED/EGV BUSINESS SYSTEMS

DATA FROM 1-1-1964
 STATE OF TENNESSEE
 ASHTONVILLE

CEILING VERSUS VISIBILITY

24234
 STATE

54-55

YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-3300
 HOURS (L.S.T.)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	3/8	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	4	5	6	7	8
10000	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
9000	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
8000	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
7000	71.8	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
6000	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
5000	76.1	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
4500	79.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
4000	83.4	83.5	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
3500	84.9	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
3000	90.0	90.4	90.5	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
2500	91.8	92.7	92.8	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
2000	93.8	94.9	94.9	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
1800	94.8	95.8	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
1500	96.0	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1200	96.0	97.3	97.4	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
1000	96.3	97.7	97.8	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
900	96.3	97.7	97.8	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
800	96.7	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
700	96.9	98.5	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
600	96.9	98.5	98.8	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
500	96.9	98.7	99.0	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
400	96.9	98.7	99.0	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
300	96.9	98.7	99.0	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
200	96.9	98.7	99.0	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
100	96.9	98.7	99.0	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
0	96.9	98.7	99.0	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

TOTAL NUMBER OF OBSERVATIONS 926

ALLEN/FGW BUSINESS SYSTEMS

150273

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

CEILING VERSUS VISIBILITY

24222 WQMOX PC DOI API
 STATION STATION NAME

54-63 YEARS

AUG MONTH
 0000-120 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
≥ 20000	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
18000	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
16000	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
14000	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
12000	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
10000	66.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	
9000	68.1	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	
8000	72.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
7000	75.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
6000	76.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
5000	83.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
4500	85.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
4000	89.2	90.8	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
3500	89.9	91.5	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
3000	91.5	93.3	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
2500	91.8	93.6	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
2000	93.0	94.9	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
1800	93.1	95.3	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
1500	93.3	95.5	95.8	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
1200	93.6	95.9	96.2	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
1000	94.0	96.6	96.9	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
900	94.0	96.9	97.2	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
800	94.1	97.1	97.5	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
700	94.1	97.1	97.5	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
600	94.1	97.3	97.7	98.5	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
500	94.1	97.5	98.0	98.7	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
400	94.1	97.5	98.0	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
300	94.1	97.5	98.1	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
200	94.1	97.5	98.1	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
100	94.1	97.5	98.1	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
0	94.1	97.5	98.1	98.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 928

ALLIED/GEARY BUSINESS SYSTEMS

150523

1
2

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

CEILING VERSUS VISIBILITY

2492 STATION COMUX BC DOT APT STATION NAME 54-63 YEARS AUG NORTH

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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
20000	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
18000	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
16000	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
14000	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
12000	59.0	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
10000	61.7	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
9000	66.9	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
8000	69.0	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
7000	71.8	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
6000	77.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
5000	80.2	80.8	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	81.1
4500	84.2	84.9	85.4	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
4000	86.1	86.9	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
3500	88.2	89.7	90.3	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
3000	88.9	90.6	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
2500	90.0	92.2	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
2000	90.0	92.3	93.0	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
1800	91.0	93.3	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1500	91.6	94.2	95.1	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
1200	91.6	94.5	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
1000	91.8	95.1	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
900	92.4	95.9	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
800	92.7	96.3	97.4	97.5	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700	92.8	96.6	97.7	97.8	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
600	92.8	96.7	98.0	98.1	98.6	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	92.9	96.8	98.3	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	92.9	96.8	98.3	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	92.9	96.8	98.3	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	92.9	96.8	98.3	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	92.9	96.8	98.3	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	92.9	96.8	98.3	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 910

ALLIED/FGV BUSINESS SYSTEMS

150023

5
2

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

CEILING VERSUS VISIBILITY

24292 COMGX BC DQT API

54-63

Aug
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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
IV 20000	47.7	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 18000	48.0	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 16000	48.5	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 14000	50.0	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 12000	51.3	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 10000	53.5	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 9000	56.2	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 8000	62.8	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5
IV 7000	65.6	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5
IV 6000	67.3	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2
IV 5000	73.4	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9
IV 4500	75.9	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5
IV 4000	79.9	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
IV 3500	81.7	84.5	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
IV 3000	84.5	87.5	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
IV 2500	86.7	89.8	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6
IV 2000	87.6	91.8	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
IV 1800	88.1	92.3	92.8	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4
IV 1500	88.4	93.0	93.8	94.0	94.3	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
IV 1200	88.4	93.3	94.1	94.3	94.6	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1
IV 1000	88.8	94.3	95.2	95.4	95.7	95.7	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2
IV 900	88.8	94.6	95.5	95.7	96.0	96.0	96.3	96.5	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8
IV 800	89.0	94.9	95.8	96.1	96.5	96.5	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4
IV 700	89.4	95.5	96.5	96.9	97.2	97.2	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5
IV 600	89.5	95.7	96.8	97.2	97.5	97.5	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
IV 500	89.6	96.0	97.1	97.5	97.8	97.8	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5
IV 400	89.7	96.1	97.2	97.6	98.0	98.0	98.9	99.1	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	89.7	96.1	97.2	97.6	98.0	98.0	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	89.7	96.1	97.2	97.6	98.0	98.0	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	89.7	96.1	97.2	97.6	98.0	98.0	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	89.7	96.1	97.2	97.6	98.0	98.0	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/BGR BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

STATION 24292 COMDX BC DOT API STATION NAME 54-63 YEARS 1960-1961 MONTH AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING															
≥ 20000	52.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	57.2	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	59.9	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 9000	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	66.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	68.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	75.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	77.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	82.0	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	84.6	87.5	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	86.3	89.8	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	88.0	91.5	91.8	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	89.0	93.0	93.3	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	89.0	93.0	93.3	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	89.4	93.8	94.1	94.3	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	89.9	94.8	95.3	95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	90.0	95.3	95.7	95.9	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	90.2	95.7	96.1	96.3	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	90.4	96.0	96.5	96.8	97.3	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	90.6	96.5	96.9	97.2	97.7	97.7	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	90.6	96.5	97.0	97.3	97.8	97.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	90.6	96.5	97.1	97.4	98.0	98.0	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	90.6	96.5	97.2	97.6	98.2	98.2	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	90.6	96.5	97.2	97.6	98.3	98.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	90.6	96.5	97.2	97.7	98.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.6	96.5	97.2	97.7	98.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.6	96.5	97.2	97.7	98.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/BORG BUSINESS SYSTEMS

150523

7
2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX DC DOT API STATION NAME 54-63 YEARS AUG MONTH 1200-140 HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	56.7	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	
18000	57.3	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
16000	58.1	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
14000	58.7	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
12000	60.2	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
10000	63.0	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
9000	65.9	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	
8000	69.8	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
7000	71.1	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
6000	73.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
5000	79.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
4500	81.6	84.3	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	
4000	86.8	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
3500	88.5	91.5	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
3000	89.0	93.5	93.9	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
2500	90.0	94.2	94.6	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
2000	90.6	94.8	95.3	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
1800	90.6	95.1	95.5	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
1500	90.6	95.3	95.7	96.2	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
1200	91.0	95.6	96.0	96.6	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
1000	91.2	96.0	96.6	97.1	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
900	91.2	96.0	96.6	97.1	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
800	91.4	96.2	96.8	97.4	98.0	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
700	91.6	96.5	97.1	97.7	98.3	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
600	91.6	96.5	97.1	97.7	98.3	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
500	91.6	96.5	97.1	97.7	98.4	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
400	91.6	96.5	97.2	97.8	98.7	98.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
300	91.6	96.5	97.3	98.0	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	91.6	96.5	97.3	98.0	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	91.6	96.5	97.3	98.0	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	91.6	96.5	97.3	98.0	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/BORG BUSINESS SYSTEMS

150025

1
2

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

CEILING VERSUS VISIBILITY

STATION COMOX BC DOT API STATION NAME 54-63 YEARS AUG MONTH 1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	56.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
18000	56.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
16000	57.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
14000	58.4	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	
12000	59.8	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
10000	63.4	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
9000	66.3	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
8000	70.2	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
7000	73.8	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	
6000	74.9	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
5000	81.6	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
4500	84.7	87.0	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	
4000	87.1	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
3500	88.9	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
3000	89.6	93.4	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
2500	90.1	94.5	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
2000	90.1	95.0	95.6	95.9	96.0	96.0	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
1800	90.2	95.2	95.7	96.0	96.1	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
1500	90.4	95.4	95.9	96.2	96.3	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
1200	90.5	95.7	96.2	96.6	96.7	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
1000	90.5	95.8	96.6	96.9	97.0	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
900	90.5	95.8	96.6	96.9	97.1	97.2	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
800	90.6	96.4	97.2	97.5	97.7	97.8	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
700	90.6	96.4	97.3	97.6	98.0	98.1	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
600	90.6	96.4	97.3	97.6	98.0	98.1	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
500	90.6	96.4	97.4	97.7	98.2	98.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
400	90.6	96.6	97.5	97.8	98.3	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
300	90.6	96.6	97.5	97.8	98.3	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	90.6	96.6	97.5	97.8	98.3	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	90.6	96.6	97.5	97.8	98.3	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	90.6	96.6	97.5	97.8	98.3	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 929

ALLIED/BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24222 STATION CGMOX EC DOI API STATION NAME

54-63 YEARS

Aug MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

18 0-100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
18000	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
16000	53.7	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
14000	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
12000	56.8	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
10000	60.7	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
9000	63.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
8000	68.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
7000	69.8	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
6000	73.1	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
5000	81.2	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
4500	84.7	86.9	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
4000	89.1	91.9	92.5	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
3500	90.4	93.4	94.0	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
3000	91.4	94.5	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2500	91.7	95.0	95.6	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
2000	92.0	96.1	96.7	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1800	92.0	96.1	96.7	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1500	92.6	96.8	97.4	97.8	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1200	92.6	96.8	97.4	97.8	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1000	92.6	97.0	97.7	98.2	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
900	92.6	97.2	98.0	98.4	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
800	92.6	97.2	98.1	98.5	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
700	92.6	97.2	98.1	98.5	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
600	92.6	97.2	98.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	92.6	97.2	98.1	98.7	98.9	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	92.6	97.2	98.1	98.7	98.9	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	92.6	97.2	98.1	98.7	98.9	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	92.6	97.2	98.1	98.7	98.9	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	92.6	97.2	98.1	98.7	98.9	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.6	97.2	98.1	98.7	98.9	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

ALLIED/BUSINESS SYSTEMS

150023

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

CEILING VERSUS VISIBILITY

24292 CGMDX BC DOT APT

54-63

Aug

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-230
 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	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
18000	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
16000	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
14000	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
12000	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
10000	66.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
9000	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
8000	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
7000	73.8	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
6000	77.4	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
5000	83.7	85.7	85.8	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
4500	85.9	87.8	87.9	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
4000	89.5	91.8	91.9	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
3500	90.5	93.0	93.2	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
3000	91.3	94.1	94.3	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2500	91.7	94.6	94.8	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
2000	91.7	94.6	94.9	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
1800	91.8	94.7	95.0	95.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
1500	92.1	95.4	95.7	96.4	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1200	92.1	95.8	96.1	96.9	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1000	92.1	96.3	96.7	97.5	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
900	92.1	96.3	96.7	97.5	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
800	92.1	96.3	96.7	97.5	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
700	92.1	96.3	96.7	97.5	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
600	92.1	96.3	96.7	97.5	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
500	92.1	96.3	96.7	97.5	98.6	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	92.1	96.4	96.8	97.7	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
300	92.1	96.6	96.9	97.8	98.9	99.0	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	92.1	96.6	96.9	97.8	98.9	99.0	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	92.1	96.6	96.9	97.8	98.9	99.0	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	92.1	96.6	96.9	97.8	98.9	99.0	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

5

ALLIED/CORP BUSINESS SYSTEMS

150020

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DOT APT

54-63 YEARS

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2359 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000	49.8	54.2	55.1	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8
18000	49.8	54.2	55.1	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8
16000	49.8	54.2	55.1	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8
14000	50.3	54.6	55.5	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2
12000	52.6	57.0	57.9	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5
10000	57.0	61.7	62.6	62.9	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6
9000	59.3	64.0	64.9	65.3	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9
8000	64.1	69.2	70.1	70.4	70.7	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2
7000	67.0	72.6	73.6	74.0	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9
6000	68.9	74.6	75.6	76.0	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0
5000	71.1	77.8	79.2	79.8	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8
4500	72.5	79.8	81.3	82.0	82.5	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
4000	74.5	82.0	83.7	84.4	84.9	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8
3500	75.4	82.9	84.6	85.4	85.9	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9
3000	77.1	85.4	87.3	88.4	89.2	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2
2500	77.9	86.8	88.9	90.2	91.1	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1
2000	78.3	87.3	89.6	90.9	92.2	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
1800	78.3	87.3	89.6	90.9	92.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3
1500	78.9	87.9	90.3	91.6	93.0	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
1200	78.9	88.7	91.1	92.6	94.2	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
1000	78.9	89.2	91.5	93.1	94.7	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
900	79.0	89.5	91.8	93.4	95.4	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8
800	79.0	89.5	91.8	93.4	95.5	96.3	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.2	97.2
700	79.0	89.5	91.8	93.5	95.8	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.8	97.9	97.9
600	79.0	89.6	92.0	93.6	95.9	96.8	97.7	97.8	97.8	97.8	97.8	97.8	98.1	98.2	98.2
500	79.0	89.6	92.0	93.6	96.1	97.0	97.9	98.0	98.0	98.0	98.0	98.0	98.3	98.4	98.5
400	79.1	89.7	92.1	93.7	96.4	97.3	98.2	98.3	98.3	98.3	98.3	98.3	98.7	98.8	98.9
300	79.1	89.7	92.1	93.7	96.4	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.9	99.0	99.3
200	79.1	89.7	92.1	93.7	96.4	97.3	98.4	98.5	98.5	98.5	98.5	98.5	99.1	99.2	99.6
100	79.1	89.7	92.1	93.7	96.4	97.3	98.4	98.5	98.5	98.5	98.5	98.5	99.1	99.2	99.6
0	79.1	89.7	92.1	93.7	96.4	97.3	98.4	98.5	98.5	98.5	98.5	98.5	99.1	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS 895

ALLIED/BGRY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24297 COMGA BC DGT API 54-63 STATION NAME YEARS MONTH HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.1	53.5	54.2	54.5	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.8	56.1
≥ 20000	50.1	53.5	54.2	54.5	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.8	56.1
≥ 18000	50.2	53.6	54.3	54.6	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.8	56.0	56.0
≥ 16000	50.5	54.1	54.7	55.1	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.4	56.4
≥ 14000	52.2	55.7	56.5	57.0	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	58.3	58.3
≥ 12000	55.6	59.5	60.3	60.7	61.5	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.4	62.6
≥ 10000	58.3	62.4	63.2	63.6	64.4	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	65.3	65.3
≥ 9000	61.4	66.2	67.0	67.4	68.2	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	69.1	69.1
≥ 8000	64.5	69.5	70.3	70.7	71.6	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.6	72.6
≥ 7000	65.4	70.6	71.4	71.9	72.9	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.9	74.1
≥ 6000	68.6	74.3	75.4	76.1	77.1	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	78.1	78.1
≥ 5000	70.0	76.1	77.4	78.1	79.2	79.5	79.6	79.6	79.6	79.9	80.0	80.0	80.0	80.0	80.4	80.6
≥ 4500	72.1	78.8	80.2	80.9	82.1	82.4	82.5	82.6	82.6	82.8	82.9	82.9	82.9	82.9	83.3	83.5
≥ 4000	72.7	79.6	81.2	81.9	83.2	83.5	83.6	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.4	84.6
≥ 3500	74.1	81.5	83.4	84.2	85.3	85.9	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.8	87.0
≥ 3000	74.9	82.9	84.8	85.7	87.0	87.3	87.4	87.5	87.5	87.7	87.8	87.8	87.8	87.8	88.2	88.4
≥ 2500	75.7	83.9	85.8	86.7	88.0	88.3	88.5	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.5	89.8
≥ 2000	75.3	84.2	86.1	87.0	88.3	88.8	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	90.0	90.2
≥ 1800	75.6	84.8	86.7	87.9	89.5	90.0	90.2	90.7	90.7	90.8	90.9	90.9	90.9	90.9	91.3	91.5
≥ 1500	76.0	85.8	88.0	89.2	91.2	91.7	92.1	92.5	92.5	92.7	92.8	92.8	92.8	92.8	93.2	93.4
≥ 1200	76.1	86.1	88.4	89.8	92.1	92.5	93.0	93.4	93.4	93.5	93.8	93.8	93.8	93.8	94.2	94.4
≥ 1000	76.3	86.4	88.9	90.3	93.2	93.7	94.1	94.5	94.5	94.7	94.9	94.9	94.9	94.9	95.3	95.6
≥ 900	76.3	86.4	89.0	90.7	93.5	94.1	94.5	95.0	95.0	95.1	95.7	95.7	95.7	95.7	96.1	96.3
≥ 800	76.3	86.4	89.0	90.7	93.5	94.1	94.5	95.0	95.0	95.1	95.7	95.7	95.7	95.7	96.1	96.3
≥ 700	76.3	86.4	89.0	90.7	93.5	94.1	94.5	95.0	95.0	95.1	95.7	95.7	95.7	95.7	96.1	96.3
≥ 600	76.3	86.4	89.0	90.7	93.5	94.1	94.5	95.0	95.0	95.1	95.7	95.7	95.7	95.7	96.1	96.3
≥ 500	76.3	86.5	89.1	90.8	94.2	94.8	95.4	96.2	96.3	96.6	97.1	97.1	97.1	97.4	97.9	98.1
≥ 400	76.4	86.7	89.2	90.9	94.8	95.3	96.6	97.3	97.4	97.7	98.2	98.2	98.6	98.6	99.0	99.2
≥ 300	76.4	86.7	89.2	90.9	95.3	95.6	96.9	97.7	97.8	98.1	98.7	98.7	99.0	99.0	99.4	99.7
≥ 200	76.4	86.7	89.2	90.9	95.3	95.6	96.9	97.7	97.8	98.1	98.7	98.7	99.0	99.0	99.4	99.7
≥ 100	76.4	86.7	89.2	90.9	95.3	95.6	96.9	97.7	97.8	98.1	98.7	98.7	99.0	99.0	99.4	99.7
≥ 0	76.4	86.7	89.2	90.9	95.3	95.6	96.9	97.7	97.8	98.1	98.7	98.7	99.0	99.0	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 899

150523 ALLIED-SIGBY BUSINESS SYSTEMS

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

CEILING VERSUS VISIBILITY

24222 STATION COMOX BL DOI API STATION NAME 24-62 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

601-180 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0		
NO CEILING																	
20000	45.9	48.6	48.9	49.6	49.6	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.2	50.4
18000	46.0	49.3	49.3	50.0	50.0	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.6	50.6	50.7	50.9
16000	46.3	49.3	49.7	50.3	50.3	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	51.0	51.2
14000	47.0	50.0	50.4	51.1	51.1	51.3	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.8	52.0
12000	48.8	52.2	52.7	53.3	53.4	53.7	53.9	54.1	54.1	54.2	54.2	54.4	54.4	54.6	54.6	54.7	54.9
10000	51.8	55.2	55.7	56.3	56.6	56.9	57.1	57.4	57.4	57.6	57.8	57.8	57.8	57.9	57.9	58.1	58.3
9000	52.4	56.6	57.2	57.7	58.0	58.3	58.6	59.0	59.0	59.1	59.3	59.3	59.4	59.4	59.7	59.9	
8000	56.2	60.3	60.9	61.7	62.0	62.3	62.6	63.1	63.1	63.2	63.4	63.4	63.6	63.6	63.6	64.0	
7000	58.3	63.3	63.9	65.0	65.2	65.7	65.9	66.4	66.4	66.6	66.8	66.8	66.9	66.9	67.1	67.3	
6000	59.7	65.0	65.7	66.8	67.3	67.7	67.9	68.4	68.4	68.6	68.8	68.8	68.9	68.9	69.1	69.3	
5000	62.4	68.6	69.3	70.4	71.3	71.9	72.1	72.7	72.7	72.8	73.0	73.0	73.1	73.1	73.3	73.6	
4500	63.3	69.8	70.6	71.7	72.6	73.1	73.3	73.9	73.9	74.0	74.2	74.2	74.3	74.3	74.6	74.8	
4000	64.7	71.4	72.3	73.9	74.8	75.4	75.8	76.3	76.3	76.6	76.8	76.8	76.9	76.9	77.1	77.3	
3500	66.4	73.6	74.8	76.7	77.8	78.4	78.8	79.4	79.4	79.7	79.9	79.9	80.0	80.0	80.2	80.4	
3000	67.1	74.9	76.4	78.6	79.9	80.6	80.9	81.6	81.6	81.8	82.0	82.0	82.1	82.1	82.3	82.6	
2500	67.7	76.0	77.7	79.9	81.3	82.0	82.3	83.0	83.0	83.2	83.4	83.4	83.6	83.6	83.8	84.1	
2000	68.1	76.8	78.6	81.0	82.6	83.3	83.7	84.4	84.4	84.7	84.9	84.9	85.1	85.1	85.3	85.5	
1800	68.4	77.2	79.0	81.6	83.1	84.0	84.3	85.1	85.1	85.3	85.6	85.6	85.8	85.8	86.0	86.2	
1500	69.1	78.1	80.1	82.8	85.0	86.0	86.4	87.2	87.2	87.7	87.9	87.9	88.1	88.1	88.3	88.6	
1200	69.1	78.4	80.8	84.0	86.6	87.6	88.3	89.1	89.1	89.8	90.0	90.0	90.2	90.2	90.4	90.7	
1000	69.2	79.2	82.0	85.6	88.4	89.4	90.2	91.0	91.0	91.9	92.3	92.3	92.7	92.7	92.9	93.1	
900	69.3	79.7	82.4	86.2	89.3	90.3	91.2	92.0	92.0	92.9	93.3	93.3	93.7	93.7	94.0	94.2	
800	69.4	79.8	82.7	86.4	90.0	91.0	91.9	92.8	92.8	93.7	94.2	94.2	94.6	94.6	94.9	95.1	
700	69.4	79.9	82.9	86.7	90.3	91.3	92.2	93.2	93.2	94.1	94.7	94.7	95.0	95.0	95.3	95.6	
600	69.4	79.9	82.9	86.8	90.6	91.6	92.6	93.8	93.8	94.7	95.2	95.2	95.6	95.6	95.9	96.1	
500	69.4	80.0	83.0	87.1	91.2	92.3	93.4	95.0	95.0	95.9	96.6	96.6	96.9	96.9	97.2	97.4	
400	69.4	80.2	83.3	87.7	91.9	93.0	94.1	95.7	95.7	96.7	97.3	97.3	97.7	97.7	98.2	98.4	
300	69.4	80.4	83.6	87.9	92.1	93.2	94.3	95.9	95.9	97.0	97.8	97.8	98.2	98.2	98.8	99.0	
200	69.6	80.4	83.6	87.9	92.1	93.2	94.3	96.0	96.0	97.3	98.1	98.1	98.6	98.6	99.6	100.0	
100	69.6	80.4	83.6	87.9	92.1	93.2	94.3	96.0	96.0	97.3	98.1	98.1	98.6	98.6	99.6	100.0	
0	69.6	80.4	83.6	87.9	92.1	93.2	94.3	96.0	96.0	97.3	98.1	98.1	98.6	98.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

150523 ALLIED-SGRY BUSINESS SYSTEMS

2

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

CEILING VERSUS VISIBILITY

24282 STATION COMOX EC LCI API STATION NAME

54-53 YEARS

50 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

50 - 12
HOURS (LST)

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	≥ 1/8	≥ 0	NO CEILING
NO CEILING	45.4	46.4	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.4	49.4	49.4	49.4
≥ 20000	46.7	49.2	49.4	49.8	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.2	50.2	50.2	50.2
18000	46.1	49.3	49.8	50.1	50.2	50.2	50.2	50.4	50.4	50.7	50.7	50.7	50.8	50.8	50.8	50.8
16000	47.7	50.9	51.3	51.7	51.8	51.8	51.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
14000	49.8	53.0	53.5	53.8	53.9	53.9	53.9	54.1	54.1	54.3	54.3	54.3	54.5	54.5	54.5	54.5
12000	52.4	56.3	56.8	57.1	57.2	57.3	57.5	57.7	57.7	57.9	57.9	57.9	58.0	58.0	58.0	58.0
10000	54.2	58.4	58.8	59.1	59.2	59.4	59.7	59.9	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2
9000	57.8	62.6	63.0	63.4	63.7	63.9	64.3	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8
8000	60.2	65.5	66.1	66.5	66.8	67.0	67.4	67.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9
7000	61.4	66.6	67.3	67.6	68.0	68.3	68.6	69.0	69.0	69.3	69.3	69.3	69.4	69.4	69.4	69.4
6000	62.7	68.9	69.8	70.2	70.7	70.9	71.3	71.8	71.8	72.0	72.0	72.0	72.1	72.2	72.2	72.2
5000	64.6	70.8	71.7	72.2	72.7	72.9	73.3	73.8	73.8	74.1	74.1	74.1	74.2	74.2	74.2	74.2
4500	66.9	73.3	74.8	75.3	75.8	76.1	76.4	76.9	76.9	77.3	77.3	77.3	77.4	77.4	77.4	77.4
4000	68.4	75.9	76.9	77.4	78.3	78.5	78.8	79.5	79.5	80.0	80.0	80.0	80.1	80.1	80.1	80.1
3500	69.3	77.3	78.7	79.5	80.6	81.0	81.3	82.0	82.0	82.4	82.4	82.4	82.5	82.5	82.5	82.5
3000	70.5	78.8	80.4	81.3	82.6	83.3	83.6	84.3	84.3	84.7	84.9	84.9	85.0	85.0	85.0	85.0
2500	71.3	80.1	82.1	83.2	84.7	85.5	85.9	86.5	86.5	87.0	87.1	87.1	87.2	87.2	87.2	87.2
2000	71.4	80.2	82.2	83.3	84.9	85.7	86.1	86.7	86.7	87.2	87.3	87.3	87.4	87.4	87.4	87.4
1800	71.7	81.1	83.1	84.2	86.3	87.3	87.6	88.3	88.3	88.8	88.9	88.9	89.0	89.0	89.0	89.0
1500	71.8	81.6	83.6	84.9	87.3	88.4	88.8	89.4	89.4	90.0	90.1	90.1	90.2	90.2	90.2	90.2
1200	71.8	81.8	84.0	85.5	88.0	89.2	89.6	90.3	90.3	90.9	91.0	91.0	91.1	91.1	91.1	91.1
1000	72.0	82.1	84.4	86.0	88.6	89.9	90.3	91.0	91.0	91.5	91.6	91.6	91.8	91.8	91.8	91.8
900	72.5	82.9	85.4	87.1	90.4	91.8	92.3	93.2	93.2	93.8	93.9	93.9	94.0	94.0	94.0	94.0
800	72.9	83.7	86.7	88.6	92.3	93.7	94.5	95.4	95.4	96.0	96.1	96.1	96.2	96.2	96.2	96.2
700	73.1	84.0	87.2	89.3	93.4	94.8	95.7	96.7	96.7	97.3	97.4	97.4	97.6	97.6	97.6	97.6
600	73.3	84.4	87.6	89.8	94.1	95.5	96.8	97.9	97.9	98.8	98.9	98.9	99.0	99.0	99.0	99.0
500	73.3	84.4	87.6	89.8	94.1	95.7	97.0	98.1	98.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2
400	73.3	84.4	87.6	89.8	94.1	95.7	97.0	98.1	98.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2
300	73.3	84.4	87.6	89.8	94.1	95.7	97.0	98.1	98.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2
200	73.3	84.4	87.6	89.8	94.1	95.7	97.0	98.1	98.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2
100	73.3	84.4	87.6	89.8	94.1	95.7	97.0	98.1	98.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2
0	73.3	84.4	87.6	89.8	94.1	95.7	97.0	98.1	98.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 592

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

CEILING VERSUS VISIBILITY

24292 CONEX SC DOT API
 STATION STATION NAME

54-63

YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1270-148
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
20000	46.0	51.1	51.7	52.0	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
18000	46.7	51.9	52.5	52.8	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
16000	47.3	52.6	53.1	53.5	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
14000	49.1	54.4	55.0	55.4	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
12000	52.5	58.2	58.9	59.2	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
10000	54.5	60.4	61.1	61.4	62.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
9000	55.9	62.2	62.9	63.2	64.0	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
8000	60.8	67.6	68.3	68.7	69.5	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
7000	62.4	69.4	70.1	70.5	71.3	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
6000	63.8	70.7	71.4	72.0	72.8	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
5000	67.2	75.1	75.9	76.5	77.2	77.8	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3
4500	69.7	77.9	78.8	79.5	80.3	80.8	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
4000	71.5	80.0	80.9	81.7	82.5	83.1	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
3500	73.0	81.7	82.7	83.6	84.5	85.1	85.5	85.5	85.5	86.0	86.0	86.0	86.0	86.0	86.0
3000	75.1	84.8	85.9	86.8	87.7	88.5	89.1	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6
2500	75.8	86.4	87.6	88.8	89.9	90.7	91.6	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2
2000	76.6	87.9	89.0	90.7	92.0	92.8	93.7	93.8	93.8	94.3	94.3	94.3	94.3	94.3	94.3
1800	76.6	87.9	89.0	90.8	92.2	92.9	93.8	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4
1500	76.6	88.2	89.3	91.4	92.8	93.6	94.5	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3
1200	76.6	88.3	89.5	91.6	93.0	93.8	94.7	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5
1000	76.6	88.5	89.6	91.8	93.4	94.2	95.2	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0
900	76.7	88.6	89.7	92.0	93.6	94.4	95.4	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2
800	76.8	88.9	90.1	92.5	94.3	95.1	96.1	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9
700	77.0	89.1	90.4	92.8	94.7	95.5	96.5	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4
600	77.0	89.1	90.4	92.8	94.7	95.7	96.9	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9
500	77.0	89.5	90.7	93.2	95.5	96.5	98.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6
400	77.1	89.6	90.8	93.3	95.9	96.9	98.7	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0
300	77.1	89.6	90.8	93.3	95.9	96.9	98.7	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0
200	77.1	89.6	90.8	93.3	95.9	96.9	98.7	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0
100	77.1	89.6	90.8	93.3	95.9	96.9	98.7	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0
0	77.1	89.6	90.8	93.3	95.9	96.9	98.7	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

392

ALLIED/BERRY BUSINESS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

STATION 24292 COMOX BC DOI APT STATION NAME

54-63 YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING																
≥ 20000	46.7	52.9	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	
18000	47.3	51.5	51.7	51.7	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
16000	48.0	52.1	52.4	52.4	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
14000	49.8	53.9	54.1	54.1	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	
12000	52.0	56.3	56.5	56.5	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	
10000	56.3	60.9	61.1	61.1	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
9000	58.9	62.9	64.1	64.1	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
8000	62.4	67.5	67.7	67.8	68.5	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	
7000	64.1	69.3	69.5	69.6	70.3	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
6000	65.2	70.9	71.2	71.3	72.0	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	
5000	69.5	75.9	76.3	76.6	77.5	77.9	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
4500	71.1	77.8	78.3	78.5	79.4	79.8	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
4000	74.1	81.7	82.3	82.5	83.4	83.9	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
3500	75.8	84.1	84.8	85.2	86.3	86.8	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
3000	77.8	86.7	87.6	88.3	89.1	89.6	89.9	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	
2500	78.5	87.6	88.5	88.9	90.1	90.7	91.3	91.8	91.8	92.2	92.2	92.2	92.3	92.3	92.3	
2000	79.0	88.8	89.8	90.7	92.0	92.6	93.3	94.1	94.1	94.5	94.5	94.5	94.6	94.6	94.6	
1800	79.0	88.8	89.8	90.7	92.2	92.7	93.4	94.2	94.2	94.6	94.6	94.6	94.7	94.7	94.7	
1500	79.3	89.5	90.6	91.6	93.0	93.6	94.3	95.1	95.1	95.5	95.5	95.5	95.6	95.6	95.6	
1200	79.4	89.6	90.7	91.7	93.2	93.7	94.4	95.3	95.3	95.7	95.7	95.7	95.9	95.9	95.9	
1000	79.4	89.6	90.7	91.7	93.5	94.1	94.8	95.9	95.9	96.3	96.3	96.3	96.4	96.4	96.4	
900	79.5	89.7	90.8	91.8	93.6	94.2	95.0	96.0	96.0	96.4	96.4	96.4	96.5	96.5	96.5	
800	79.5	89.8	90.9	91.9	93.7	94.3	95.3	96.5	96.5	97.0	97.0	97.0	97.1	97.1	97.1	
700	79.5	89.8	90.9	91.9	93.7	94.4	95.4	96.6	96.6	97.1	97.1	97.1	97.2	97.2	97.2	
600	79.6	90.0	91.1	92.2	93.9	94.6	96.0	97.2	97.2	97.6	97.6	97.6	97.8	97.8	97.8	
500	79.7	90.1	91.4	92.5	94.3	95.1	97.1	98.3	98.3	99.0	99.1	99.1	99.2	99.2	99.2	
400	79.7	90.1	91.4	92.5	94.3	95.1	97.1	98.4	98.4	99.3	99.4	99.4	99.7	99.7	99.7	
300	79.7	90.1	91.4	92.5	94.3	95.1	97.1	98.5	98.5	99.7	99.8	99.8	100.0	100.0	100.0	
200	79.7	90.1	91.4	92.5	94.3	95.1	97.1	98.5	98.5	99.7	99.8	99.8	100.0	100.0	100.0	
100	79.7	90.1	91.4	92.5	94.3	95.1	97.1	98.5	98.5	99.7	99.8	99.8	100.0	100.0	100.0	
0	79.7	90.1	91.4	92.5	94.3	95.1	97.1	98.5	98.5	99.7	99.8	99.8	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 192

ALLIED/BRY BUSINESS SYSTEMS 150523

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

CEILING VERSUS VISIBILITY

24202 STATION LUMOX BC DOT API

54-63 YEARS

SIP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (LST)

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	≥ 1/8	≥ 0
NO CEILING															
20000	46.5	49.9	50.3	52.4	50.8	51.2	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
18000	46.8	50.1	50.6	50.7	51.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
16000	47.7	51.0	51.5	51.6	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
14000	48.9	52.3	52.8	52.7	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
12000	51.5	55.0	55.5	55.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
10000	57.1	60.9	61.4	61.6	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
8000	59.4	63.3	63.7	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
7000	63.6	68.6	69.1	69.3	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
6000	67.1	72.3	72.8	73.1	73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3
5000	68.3	74.0	74.6	75.1	75.6	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.5	76.5	76.5
4500	72.2	79.4	80.2	80.9	81.4	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3
4000	73.3	80.7	81.6	82.3	82.7	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7
3500	75.6	83.4	84.3	85.0	85.5	85.9	86.4	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1
3000	76.8	85.2	86.3	87.1	87.5	87.9	88.4	88.7	88.7	88.7	88.7	88.7	89.1	89.1	89.1
2500	77.9	86.7	88.3	89.1	89.7	90.3	91.0	91.5	91.5	91.5	91.5	91.5	91.9	91.9	91.9
2000	78.2	87.4	89.0	89.8	90.6	91.2	91.9	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9
1800	78.5	88.2	90.0	91.0	91.7	92.3	93.0	93.9	93.9	93.9	93.9	93.9	94.2	94.2	94.2
1500	78.7	88.5	90.3	91.4	92.2	92.7	93.4	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6
1200	79.0	88.8	90.6	92.0	92.9	93.4	94.3	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
1000	79.1	89.1	91.0	92.3	93.5	94.1	95.0	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2
900	79.2	89.4	91.3	92.6	93.9	94.4	95.5	96.5	96.5	96.5	96.5	96.5	96.9	96.9	96.9
800	79.2	89.5	91.4	92.7	94.0	94.5	95.6	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0
700	79.2	89.5	91.4	93.0	94.2	94.8	96.0	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4
600	79.2	89.6	91.5	93.1	94.4	95.0	96.3	97.5	97.5	97.5	97.5	97.5	97.9	97.9	97.9
500	79.2	89.6	91.5	93.1	94.5	95.2	96.7	97.9	97.9	98.0	98.0	98.0	98.3	98.3	98.3
400	79.2	89.7	91.6	93.2	94.6	95.3	96.8	98.1	98.1	98.2	98.2	98.2	98.5	98.5	98.5
300	79.2	89.7	91.7	93.3	94.9	95.5	97.0	98.5	98.5	98.8	98.8	98.9	99.2	99.2	99.2
200	79.2	89.7	91.7	93.3	94.9	95.5	97.1	98.8	98.8	99.2	99.3	99.3	99.9	99.9	99.9
100	79.2	89.7	91.7	93.3	94.9	95.5	97.1	98.8	98.8	99.2	99.3	99.3	99.9	99.9	99.9
0	79.2	89.7	91.7	93.3	94.9	95.5	97.1	98.8	98.8	99.2	99.3	99.3	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 896

ALLIED/BGR BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292
 STATION

COMOX BC DOT APT
 STATION NAME

54-63

YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-1300
 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	49.7	53.2	54.1	54.9	54.9	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	49.7	53.2	54.1	54.9	54.9	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	49.9	53.5	54.4	55.1	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	50.6	54.1	55.0	55.8	55.8	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 12000	53.7	57.4	58.3	59.3	59.0	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000	59.3	63.4	64.4	65.4	65.5	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	61.8	66.1	67.1	68.1	68.2	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	66.2	71.2	72.3	73.3	73.5	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	68.6	73.7	74.8	75.8	76.0	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	69.8	75.7	76.8	77.8	78.0	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	73.4	79.8	81.1	82.1	82.6	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	74.2	80.7	82.1	83.3	83.7	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	76.5	83.5	85.4	86.6	87.2	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	76.8	84.4	86.4	87.8	88.4	88.8	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000	77.3	85.5	87.8	89.5	90.1	90.5	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	77.8	86.3	88.6	90.5	91.1	91.6	92.4	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	77.9	86.8	89.4	91.7	92.5	93.1	94.0	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	77.9	86.9	89.5	91.9	92.6	93.3	94.2	94.5	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	78.6	87.6	90.2	92.7	93.5	94.3	95.2	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	78.6	87.6	90.2	93.0	93.9	94.8	95.6	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	78.6	88.2	90.7	93.6	94.8	95.6	96.5	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	78.7	88.3	91.0	93.9	95.0	95.9	96.8	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	78.7	88.3	91.0	93.9	95.1	96.0	96.9	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	78.7	88.3	91.0	94.0	95.2	96.1	97.1	98.1	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	78.7	88.3	91.0	94.0	95.2	96.1	97.1	98.2	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	78.7	88.3	91.0	94.0	95.2	96.1	97.1	98.2	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	78.7	88.4	91.1	94.1	95.5	96.4	97.4	98.5	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	78.7	88.4	91.1	94.1	95.5	96.4	97.4	98.8	98.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	78.7	88.4	91.1	94.1	95.5	96.4	97.4	98.8	98.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	78.7	88.4	91.1	94.1	95.5	96.4	97.4	98.8	98.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	78.7	88.4	91.1	94.1	95.5	96.4	97.4	98.8	98.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

596

ALLIED/GRY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 STATION COMDX BC DOT API STATION NAME

54-63 YEARS

001 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2001 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
≥ 20000	30.6	32.8	33.1	33.7	34.4	34.8	35.4	36.0	36.0	36.5	36.6	36.6	37.0	37.0	37.6	38.1
≥ 18000	30.9	33.2	33.3	33.9	34.6	35.1	35.6	36.2	36.2	36.7	36.8	36.8	37.2	37.2	37.8	38.3
≥ 16000	31.1	33.2	33.5	34.1	34.8	35.3	35.8	36.5	36.5	36.9	37.0	37.0	37.4	37.4	38.1	38.5
≥ 14000	32.8	34.9	35.3	35.8	36.6	37.0	37.5	38.2	38.2	38.6	38.7	38.7	39.1	39.1	39.8	40.2
≥ 12000	34.7	37.2	37.5	38.2	38.9	39.4	39.9	40.5	40.5	41.0	41.1	41.1	41.5	41.5	42.2	42.6
≥ 10000	39.2	42.4	43.0	43.8	44.5	44.9	45.5	46.1	46.1	46.8	46.9	46.9	47.3	47.3	48.0	48.4
≥ 9000	40.6	43.9	44.5	45.3	46.0	46.5	47.3	48.0	48.0	48.6	48.7	48.7	49.1	49.1	49.8	50.2
≥ 8000	43.8	47.7	48.4	49.2	50.1	50.5	51.4	52.0	52.0	52.8	52.9	52.9	53.3	53.3	54.0	54.4
≥ 7000	45.1	49.9	50.6	51.6	52.5	52.9	53.8	54.4	54.4	55.2	55.3	55.3	55.7	55.7	56.3	56.6
≥ 6000	46.6	51.6	52.6	53.8	54.7	55.3	56.1	56.9	56.9	57.7	57.8	57.8	58.3	58.3	58.9	59.4
≥ 5000	52.3	56.6	58.4	59.8	61.2	61.7	62.7	63.4	63.4	64.3	64.4	64.4	64.8	64.8	65.5	65.9
≥ 4500	52.4	59.2	61.4	63.0	64.4	64.9	65.9	66.8	66.8	67.6	67.7	67.7	68.2	68.2	68.8	69.2
≥ 4000	56.3	64.2	66.7	68.4	70.0	70.5	71.5	72.4	72.4	73.2	73.3	73.3	73.8	73.8	74.4	74.9
≥ 3500	57.4	66.0	68.6	70.3	71.9	72.6	73.7	74.5	74.5	75.5	75.6	75.6	76.0	76.0	76.7	77.1
≥ 3000	58.8	68.2	71.1	72.9	74.6	75.5	76.6	77.5	77.5	78.5	78.6	78.6	79.0	79.0	79.7	80.1
≥ 2500	59.7	69.7	72.7	74.7	76.6	77.7	78.9	79.9	79.9	80.9	81.0	81.0	81.4	81.4	82.0	82.5
≥ 2000	60.2	71.5	74.8	77.0	78.8	80.0	81.2	82.2	82.2	83.1	83.2	83.2	83.7	83.7	84.3	84.7
≥ 1800	61.3	72.0	75.4	77.6	79.5	80.6	81.8	82.8	82.8	83.8	83.9	83.9	84.3	84.3	84.9	85.4
≥ 1500	62.0	73.4	76.9	79.4	81.6	82.8	84.0	84.9	84.9	85.9	86.0	86.0	86.5	86.5	87.1	87.5
≥ 1200	62.9	74.9	78.7	81.2	83.4	84.7	85.9	86.9	86.9	88.0	88.1	88.1	88.5	88.5	89.1	89.6
≥ 1000	62.9	74.9	79.1	81.6	84.2	85.5	86.9	87.8	87.8	89.0	89.1	89.1	89.6	89.6	90.3	90.8
≥ 900	63.1	75.4	79.6	82.0	84.6	85.9	87.4	88.4	88.4	89.6	89.7	89.7	90.1	90.1	90.9	91.3
≥ 800	63.1	76.1	80.4	83.0	85.8	87.2	88.8	89.8	89.8	91.0	91.1	91.1	91.5	91.5	92.3	92.7
≥ 700	63.2	76.6	81.2	84.2	87.1	88.6	90.3	91.3	91.3	92.5	92.6	92.6	93.0	93.0	93.8	94.2
≥ 600	63.6	77.4	82.2	85.2	88.1	89.6	91.4	92.4	92.4	93.5	93.7	93.7	94.1	94.1	94.8	95.3
≥ 500	63.9	77.5	82.5	85.8	89.1	90.8	93.0	94.0	94.0	95.2	95.3	95.3	95.7	95.7	96.5	96.9
≥ 400	64.1	78.1	83.0	86.6	89.9	91.5	93.8	94.7	94.7	95.9	96.0	96.0	96.5	96.5	97.2	97.7
≥ 300	64.1	78.1	83.0	86.7	90.1	91.7	94.1	95.1	95.1	96.2	96.5	96.5	97.0	97.0	97.8	98.3
≥ 200	64.1	78.1	83.0	86.7	90.4	92.0	94.4	95.4	95.4	96.6	97.1	97.1	97.6	97.6	98.6	99.2
≥ 100	64.1	78.1	83.0	86.7	90.4	92.0	94.4	95.4	95.4	96.6	97.1	97.1	97.6	97.6	98.8	99.4
≥ 0	64.1	78.1	83.0	86.7	90.4	92.0	94.4	95.4	95.4	96.6	97.1	97.1	97.6	97.6	98.8	99.4

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/FORNY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 STATION COMGX HL DOT API 54-63 YEARS 01 MONTH 0300-1500

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-1500
 HOURS (L.S.T.)

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	29.7	31.2	31.7	32.6	33.7	33.9	34.5	34.7	34.8	35.3	35.3	35.5	36.0	36.0	36.6	37.0
18000	29.7	31.3	31.8	32.7	33.8	34.0	34.6	34.8	34.9	35.4	35.4	35.6	36.1	36.1	36.7	37.1
16000	29.8	31.4	31.9	32.8	33.9	34.1	34.7	34.9	35.1	35.5	35.5	35.7	36.2	36.2	36.8	37.2
14000	30.5	32.2	32.7	33.5	34.6	34.8	35.5	35.7	35.8	36.2	36.2	36.5	37.0	37.0	37.5	38.0
12000	32.9	34.5	35.1	35.9	37.0	37.2	37.8	38.1	38.2	38.6	38.6	38.8	39.4	39.4	39.9	42.2
10000	36.3	38.4	39.2	40.1	41.2	41.4	42.3	42.5	42.6	43.0	43.0	43.2	43.8	43.8	44.3	44.7
9000	37.5	39.7	40.5	41.4	42.5	42.7	43.5	43.8	43.9	44.3	44.3	44.5	45.1	45.1	45.6	46.1
8000	41.2	44.3	45.6	46.5	47.6	47.8	48.7	48.9	49.0	49.7	49.7	49.9	50.4	50.4	51.0	51.4
7000	42.6	46.5	48.0	48.8	50.0	50.2	51.1	51.3	51.4	52.0	52.0	52.3	52.8	52.8	53.3	53.8
6000	43.5	47.6	49.2	50.1	51.3	51.5	52.5	52.7	52.8	53.4	53.4	53.7	54.2	54.2	54.7	55.2
5000	46.6	51.4	53.1	54.1	55.3	55.5	56.7	56.9	57.0	57.7	57.7	58.0	58.5	58.5	59.0	59.5
4500	48.5	54.1	55.8	56.8	58.0	58.2	59.4	59.6	59.7	60.4	60.4	60.6	61.2	61.2	61.7	62.2
4000	51.5	59.0	60.9	61.8	63.0	63.3	64.5	64.7	64.8	65.6	65.6	65.8	66.3	66.3	66.9	67.3
3500	53.1	61.1	62.9	63.9	65.1	65.4	66.6	66.8	66.9	67.6	67.6	67.8	68.4	68.4	68.9	69.4
3000	56.3	65.6	67.6	68.9	70.3	70.6	72.0	72.3	72.4	73.1	73.2	73.4	74.0	74.0	74.5	74.9
2500	57.8	67.8	70.1	71.4	72.9	73.2	74.8	75.1	75.2	75.9	76.0	76.2	76.9	76.9	77.4	77.8
2000	59.1	69.9	72.4	73.7	75.3	75.6	77.2	77.4	77.5	78.3	78.4	78.6	79.2	79.2	79.8	80.2
1800	59.4	70.2	72.7	74.0	75.6	75.9	77.5	77.7	77.8	78.6	78.7	78.9	79.6	79.6	80.1	80.5
1500	59.8	71.0	74.2	75.5	77.4	77.7	79.4	79.6	79.7	80.4	80.5	80.8	81.4	81.4	81.9	82.4
1200	61.0	73.4	76.2	77.7	80.1	80.4	82.0	82.3	82.4	83.1	83.2	83.4	84.1	84.1	84.6	85.1
1000	61.9	74.8	78.0	79.5	82.0	82.4	84.3	84.5	84.6	85.4	85.5	85.7	86.3	86.3	86.9	87.3
900	62.0	75.4	78.6	80.2	83.0	83.3	85.4	85.7	85.8	86.6	86.7	86.9	87.5	87.5	88.1	88.5
800	62.3	75.8	79.1	81.2	84.1	84.5	86.6	87.0	87.1	87.8	88.0	88.2	88.8	88.8	89.4	89.8
700	62.7	76.6	80.0	82.4	85.5	86.0	88.1	88.5	88.6	89.5	89.6	89.8	90.4	90.4	91.0	91.4
600	62.8	77.4	81.0	83.5	86.8	87.3	89.4	89.8	89.9	90.8	90.9	91.1	91.7	91.7	92.3	92.7
500	63.0	78.0	81.7	84.7	88.0	88.6	90.9	91.3	91.4	92.3	92.4	92.6	93.3	93.3	93.9	94.3
400	63.1	78.1	81.5	85.3	88.5	89.1	91.6	92.0	92.2	93.0	93.1	93.3	94.1	94.1	94.7	95.2
300	63.1	78.1	81.9	85.6	88.8	89.6	92.6	93.1	93.2	94.1	94.3	94.5	95.3	95.3	96.0	96.5
200	63.2	78.2	82.0	85.8	89.0	89.9	93.0	93.5	93.7	94.6	95.1	95.3	96.0	96.0	96.9	97.5
100	63.2	78.2	82.0	85.8	89.0	89.9	93.0	93.7	93.8	94.7	95.4	95.6	96.3	96.3	97.4	98.3
0	63.2	78.2	82.0	85.8	89.0	89.9	93.0	93.7	93.8	94.7	95.4	95.6	96.5	96.5	98.2	98.3

TOTAL NUMBER OF OBSERVATIONS 930

CALLED/EGY BUSHNERS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24232 STATION COMOX NC DOT APT STATION NAME 54-63 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
20000	26.5	28.2	28.4	28.8	29.4	29.4	29.7	29.9	29.9	29.9	30.1	30.1	30.9	30.9	31.3	32.6
18000	26.6	28.3	28.5	28.9	29.5	29.5	29.8	30.0	30.0	30.0	30.2	30.2	31.0	31.0	31.4	32.7
16000	26.6	28.3	28.5	28.9	29.5	29.5	29.8	30.0	30.0	30.0	30.2	30.2	31.0	31.0	31.4	32.7
14000	27.5	29.2	29.8	30.2	30.8	30.8	31.1	31.3	31.3	31.4	31.6	31.6	32.4	32.4	32.8	34.1
12000	28.6	30.3	30.9	31.3	31.8	31.8	32.2	32.4	32.4	32.5	32.7	32.7	33.4	33.4	33.9	35.3
10000	32.5	34.3	34.8	35.3	35.9	35.9	36.3	36.6	36.6	36.8	37.1	37.1	37.8	37.8	38.4	39.8
9000	34.2	36.6	37.2	37.7	38.4	38.4	38.9	39.1	39.1	39.4	39.7	39.7	40.4	40.4	41.0	42.4
8000	37.1	39.9	40.9	41.5	42.2	42.2	42.8	43.0	43.0	43.2	43.5	43.5	44.3	44.3	44.8	46.2
7000	38.7	42.2	43.2	44.1	44.8	44.8	45.6	45.8	45.8	46.0	46.3	46.3	47.1	47.1	47.6	49.0
6000	40.4	44.1	45.2	46.2	47.0	47.0	47.7	48.0	48.0	48.2	48.5	48.5	49.2	49.2	49.8	51.2
5000	43.0	48.1	49.2	50.3	51.2	51.2	51.9	52.2	52.2	52.4	52.7	52.7	53.4	53.4	54.0	55.4
4500	44.4	49.6	50.9	51.9	53.1	53.1	53.9	54.1	54.1	54.3	54.6	54.6	55.5	55.5	56.0	57.4
4000	47.3	53.7	54.9	56.0	57.2	57.3	58.1	58.3	58.3	58.5	58.8	58.8	59.7	59.7	60.2	61.6
3500	49.2	56.1	57.7	58.9	60.3	60.4	61.2	61.4	61.4	61.6	61.9	61.9	62.8	62.8	63.3	64.7
3000	52.6	60.8	62.8	64.3	66.1	66.2	67.0	67.2	67.2	67.5	67.8	67.8	68.7	68.7	69.2	70.6
2500	54.3	62.9	65.2	66.9	68.8	69.0	70.0	70.2	70.2	70.5	70.9	70.9	71.7	71.7	72.3	73.7
2000	55.9	65.1	67.4	69.1	71.2	71.5	72.5	72.7	72.7	73.1	73.4	73.4	74.3	74.3	74.8	76.2
1800	56.0	65.2	67.5	69.2	71.3	71.6	72.6	72.8	72.8	73.2	73.7	73.7	74.5	74.5	75.1	76.5
1500	56.8	66.7	69.2	71.1	73.1	73.4	74.5	74.9	74.9	75.4	75.8	75.8	76.7	76.7	77.3	78.7
1200	57.6	68.0	70.9	73.1	75.3	75.7	77.0	77.5	77.5	78.0	78.4	78.4	79.2	79.2	79.9	81.3
1000	58.5	69.5	72.8	75.8	78.3	78.7	80.1	80.8	80.8	81.2	81.7	81.7	82.6	82.6	83.2	84.6
900	58.9	70.2	73.7	76.7	79.1	79.7	81.1	81.8	81.9	82.4	82.9	82.9	83.8	83.8	84.4	85.8
800	59.1	71.6	75.4	78.5	81.6	82.2	83.9	84.6	84.8	85.3	85.8	85.8	86.8	86.8	87.4	88.8
700	59.6	72.2	75.9	79.1	82.3	82.8	84.7	85.5	85.7	86.2	86.8	86.8	87.7	87.7	88.4	89.8
600	59.6	72.6	76.6	80.0	83.2	84.2	86.3	87.3	87.5	88.2	88.8	88.8	89.9	89.9	90.5	91.9
500	59.6	73.0	77.1	80.9	84.2	85.4	87.8	89.1	89.4	90.1	90.8	90.8	91.8	91.8	92.7	94.1
400	59.7	73.4	77.7	81.9	85.4	86.7	89.4	90.8	91.0	91.8	92.5	92.5	93.5	93.5	94.6	96.0
300	59.7	73.4	77.7	82.0	85.8	87.1	89.8	91.4	91.6	92.8	93.4	93.4	94.5	94.5	95.6	97.0
200	59.7	73.4	77.7	82.0	85.8	87.1	89.9	91.5	91.7	92.9	93.5	93.7	94.8	94.8	96.0	97.4
100	59.7	73.4	77.7	82.0	85.8	87.1	89.9	91.6	91.8	93.0	93.7	93.8	95.2	95.2	96.8	98.2
0	59.7	73.4	77.7	82.0	85.8	87.1	89.9	91.6	91.8	93.0	93.7	93.8	95.3	95.3	97.2	98.6

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED TORY BUSINESS SYSTEMS

130023

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX DC DOT API STATION NAME 54-63 YEARS OCT MONTH 0900-1100 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	27.0	27.8	28.0	28.3	28.6	28.6	28.8	29.2	29.2	29.4	29.4	29.4	29.7	29.8	30.0	30.4
20000	27.1	28.0	28.1	28.4	28.7	28.7	28.9	29.4	29.4	29.5	29.5	29.5	29.6	29.6	29.9	30.1
18000	27.2	28.1	28.2	28.5	28.8	28.8	29.0	29.5	29.5	29.6	29.6	29.6	29.9	30.0	30.2	30.6
16000	29.0	30.1	30.2	30.5	30.9	30.9	31.1	31.5	31.5	31.7	31.7	31.7	32.0	32.2	32.4	32.8
14000	29.5	31.0	31.1	31.4	31.7	31.8	32.0	32.5	32.5	32.7	32.7	32.7	33.0	33.1	33.3	33.8
12000	32.4	34.6	34.7	35.1	35.4	35.5	35.7	36.1	36.1	36.3	36.3	36.3	36.7	36.8	37.0	37.4
10000	34.5	37.0	37.1	37.4	37.7	37.8	38.1	38.6	38.6	38.8	38.8	38.8	39.1	39.2	39.5	39.9
9000	38.3	41.3	41.7	42.3	42.8	42.9	43.1	43.7	43.7	43.9	43.9	43.9	44.2	44.3	44.5	44.9
8000	40.3	44.3	44.8	45.5	46.1	46.2	46.5	47.0	47.0	47.2	47.2	47.2	47.5	47.6	47.8	48.3
7000	41.7	46.0	46.6	47.2	48.0	48.1	48.3	48.8	48.8	49.0	49.0	49.0	49.4	49.5	49.7	50.1
6000	44.6	49.6	50.4	51.3	52.4	52.5	52.7	53.2	53.2	53.4	53.4	53.4	53.8	53.9	54.1	54.5
5000	45.6	51.0	51.8	52.8	54.3	54.4	54.6	55.2	55.2	55.4	55.4	55.4	55.7	55.8	56.0	56.5
4500	48.8	54.7	55.7	56.9	58.4	58.5	58.7	59.4	59.4	59.6	59.6	59.6	59.9	60.0	60.2	60.6
4000	50.9	57.3	58.4	59.6	61.1	61.2	61.6	62.4	62.4	62.6	62.6	62.6	62.9	63.0	63.2	63.7
3500	54.1	61.3	62.5	63.9	65.7	65.9	66.6	67.3	67.3	67.5	67.5	67.5	67.8	68.0	68.2	68.6
3000	55.3	63.3	64.6	66.2	68.3	68.5	69.1	69.9	69.9	70.1	70.1	70.1	70.4	70.5	70.8	71.2
2500	56.5	65.1	66.3	68.4	70.4	70.6	71.4	72.2	72.2	72.4	72.4	72.4	72.7	72.8	73.0	73.4
2000	56.6	65.2	66.5	68.5	70.5	70.8	71.5	72.3	72.3	72.5	72.5	72.5	72.8	72.9	73.1	73.5
1800	57.7	66.9	68.3	70.4	72.5	72.7	73.7	74.4	74.6	74.8	74.8	74.8	75.2	75.3	75.5	75.9
1500	59.2	69.1	71.1	74.1	76.2	76.6	77.6	78.5	78.7	78.9	78.9	78.9	79.2	79.4	79.6	80.0
1200	59.9	70.8	73.3	76.1	78.9	79.2	80.5	81.5	81.8	82.0	82.0	82.0	82.4	82.5	82.7	83.1
1000	60.4	71.7	74.0	77.1	79.9	80.2	81.6	82.6	82.9	83.1	83.1	83.1	83.4	83.5	83.8	84.2
900	60.8	72.8	75.5	78.9	81.9	82.5	83.9	84.8	85.2	85.5	85.5	85.5	85.8	85.9	86.1	86.6
800	60.8	73.0	75.8	79.8	83.0	83.9	85.5	86.5	86.8	87.3	87.4	87.4	87.7	87.8	88.1	88.5
700	60.9	73.9	76.8	80.9	84.3	85.3	86.9	88.0	88.4	89.2	89.4	89.4	89.7	89.8	90.0	90.4
600	61.0	74.0	76.9	81.0	85.2	86.3	88.2	89.5	90.0	91.0	91.1	91.1	91.5	91.6	91.8	92.3
500	61.1	74.2	77.1	81.2	85.5	86.8	88.6	90.0	90.6	91.8	92.3	92.3	92.8	93.0	93.3	93.8
400	61.1	74.2	77.1	81.2	85.5	86.9	89.0	90.9	91.5	93.3	94.0	94.2	94.8	95.2	95.6	96.8
300	61.1	74.2	77.1	81.2	85.5	86.9	89.1	91.2	91.8	93.9	94.5	94.7	95.8	96.2	96.7	98.8
200	61.1	74.2	77.1	81.2	85.5	87.0	89.2	91.3	91.9	94.0	94.6	94.8	96.0	96.5	97.0	99.4
100	61.1	74.2	77.1	81.2	85.5	87.0	89.2	91.3	91.9	94.0	94.6	94.8	96.0	96.5	97.0	99.4
0	61.1	74.2	77.1	81.2	85.5	87.0	89.2	91.3	91.9	94.0	94.6	94.8	96.0	96.5	97.0	99.4

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/BUSINESS SYSTEMS

19023

2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX AC DOT APT STATION NAME 54-63 YEARS OCT MONTH 1200-1401 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000	31.7	33.1	33.7	33.9	33.9	34.0	34.2	34.3	34.3	34.5	34.6	34.6	34.7	34.8	34.8
IV 18000	32.2	33.5	34.1	34.3	34.3	34.4	34.6	34.7	34.7	34.9	35.1	35.1	35.2	35.3	35.3
IV 16000	32.4	33.9	34.4	34.6	34.6	34.7	34.9	35.1	35.1	35.3	35.4	35.4	35.5	35.6	35.6
IV 14000	33.9	35.6	36.1	36.3	36.3	36.5	36.7	36.8	36.8	37.0	37.1	37.1	37.2	37.4	37.4
IV 12000	35.9	38.4	38.9	39.1	39.1	39.2	39.6	39.8	39.8	40.0	40.1	40.1	40.2	40.4	40.4
IV 10000	38.6	41.5	42.0	42.5	42.6	42.7	43.0	43.2	43.2	43.4	43.5	43.5	43.7	43.9	43.9
IV 9000	41.6	44.8	45.4	45.8	45.9	46.0	46.5	46.7	46.7	46.9	47.0	47.0	47.1	47.3	47.3
IV 8000	45.5	49.4	49.9	50.4	50.5	50.6	51.1	51.3	51.3	51.5	51.6	51.6	51.7	51.9	51.9
IV 7000	47.4	52.2	52.7	53.2	53.4	53.5	54.0	54.2	54.2	54.4	54.5	54.5	54.6	54.8	54.8
IV 6000	48.6	54.4	54.9	55.5	55.7	55.8	56.2	56.5	56.5	56.7	56.8	56.8	56.9	57.1	57.1
IV 5000	51.1	57.5	58.3	59.2	59.5	59.6	60.2	60.5	60.5	60.8	60.9	60.9	61.0	61.2	61.2
IV 4500	51.7	58.5	59.2	60.2	60.5	60.6	61.3	61.6	61.6	61.8	61.9	61.9	62.0	62.3	62.3
IV 4000	54.5	62.6	63.5	64.6	65.2	65.3	66.0	66.7	66.7	66.9	67.0	67.0	67.1	67.3	67.3
IV 3500	57.4	66.1	67.3	68.5	69.0	69.1	70.1	70.9	70.9	71.1	71.2	71.2	71.3	71.5	71.5
IV 3000	60.2	69.8	71.3	72.7	73.4	73.5	74.6	75.4	75.4	75.6	75.7	75.7	75.8	76.0	76.0
IV 2500	62.0	72.2	73.8	75.5	76.2	76.5	77.6	78.4	78.4	78.6	78.7	78.7	78.8	79.0	79.0
IV 2000	63.2	73.7	75.5	77.3	78.6	78.8	80.0	80.9	80.9	81.1	81.2	81.2	81.3	81.5	81.5
IV 1800	63.3	74.2	76.0	77.8	79.1	79.5	80.6	81.5	81.5	81.7	81.8	81.8	81.9	82.2	82.2
IV 1500	63.5	74.6	76.6	78.8	80.3	80.8	82.0	82.9	82.9	83.1	83.2	83.2	83.3	83.5	83.5
IV 1200	63.9	75.2	77.5	79.8	81.5	81.9	83.2	84.2	84.2	84.4	84.5	84.5	84.6	84.8	84.8
IV 1000	64.1	75.6	78.1	80.3	82.5	82.9	84.3	85.4	85.4	85.6	85.7	85.7	85.8	86.0	86.0
IV 900	64.5	76.6	79.0	81.5	83.9	84.3	85.7	86.8	86.8	87.2	87.3	87.3	87.4	87.6	87.6
IV 800	64.8	77.0	79.7	82.5	85.5	86.0	87.4	88.5	88.5	89.1	89.2	89.2	89.4	89.6	89.6
IV 700	64.8	77.3	80.2	83.1	86.3	87.0	88.6	89.7	89.7	90.4	90.5	90.5	90.9	91.1	91.1
IV 600	64.8	78.1	81.0	84.1	87.6	88.3	90.2	91.5	91.5	92.6	92.7	92.7	93.0	93.2	93.2
IV 500	64.8	78.2	81.7	84.8	88.7	89.6	91.9	94.2	94.2	95.8	95.9	95.9	96.2	96.5	96.5
IV 400	64.8	78.5	82.2	85.3	89.2	90.2	92.6	94.9	94.9	96.7	96.8	96.8	97.2	97.4	97.5
IV 300	64.9	78.6	82.3	85.5	89.5	90.4	93.0	95.6	95.9	97.8	98.1	98.1	98.7	98.9	99.1
IV 200	64.9	78.6	82.3	85.5	89.5	90.5	93.1	95.7	96.0	98.1	98.4	98.4	99.1	99.4	99.6
IV 100	64.9	78.6	82.3	85.5	89.5	90.5	93.1	95.7	96.0	98.1	98.4	98.5	99.4	99.6	99.8
IV 0	64.9	78.6	82.3	85.5	89.5	90.5	93.1	95.7	96.0	98.1	98.4	98.6	99.5	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/CPW BUSINESS SYSTEMS
 150023

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

CEILING VERSUS VISIBILITY

24292 STATION CCMOX 6C DDI API

54-63 YEARS

001 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-1700
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
20000	33.6	34.7	35.1	35.4	35.5	35.5	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.9
18000	33.9	35.0	35.5	35.7	35.8	35.8	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.3
16000	34.5	35.8	36.2	36.4	36.6	36.6	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.2
14000	35.5	37.0	37.4	37.7	38.0	38.0	38.5	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.9
12000	38.5	40.6	41.2	41.3	41.6	41.6	42.4	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.8
10000	41.4	43.9	44.4	44.9	45.3	45.4	46.2	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.7
9000	43.5	46.2	46.6	47.2	47.6	47.7	48.5	48.7	48.7	48.7	48.9	48.9	48.9	48.9	49.0
8000	48.8	52.4	52.8	53.4	53.9	54.0	54.8	55.1	55.1	55.2	55.4	55.4	55.4	55.4	55.5
7000	51.1	55.0	55.4	56.1	56.6	56.7	57.6	57.9	57.9	58.0	58.2	58.2	58.2	58.2	58.3
6000	53.1	57.7	58.5	59.1	59.7	59.8	60.6	61.1	61.1	61.2	61.4	61.4	61.4	61.5	61.6
5000	55.0	60.7	61.6	62.3	63.0	63.1	64.0	64.4	64.4	64.5	64.8	64.8	64.8	64.9	65.0
4500	56.5	62.6	63.4	64.1	65.0	65.1	65.9	66.4	66.4	66.5	66.7	66.7	66.7	66.8	66.9
4000	59.5	67.5	68.5	69.5	70.4	70.6	71.5	71.9	71.9	72.0	72.2	72.2	72.2	72.3	72.5
3500	62.7	71.4	72.7	73.8	74.6	74.8	75.7	76.1	76.1	76.2	76.5	76.5	76.5	76.6	76.7
3000	66.2	75.7	77.2	78.6	79.6	79.8	80.7	81.1	81.1	81.2	81.5	81.5	81.5	81.6	81.7
2500	67.5	77.2	79.0	80.5	81.5	81.7	82.5	83.1	83.1	83.2	83.4	83.4	83.4	83.5	83.6
2000	68.3	78.9	80.9	82.4	84.1	84.3	85.1	85.7	85.7	85.8	86.0	86.0	86.0	86.1	86.2
1800	68.7	79.4	81.5	83.0	84.6	84.8	85.8	86.3	86.3	86.4	86.7	86.7	86.7	86.8	86.9
1500	68.7	80.2	82.2	83.9	85.6	85.8	87.1	87.6	87.6	87.7	88.0	88.0	88.0	88.1	88.2
1200	68.8	80.8	82.9	84.6	86.2	86.4	87.7	88.5	88.5	88.6	88.8	88.8	88.8	88.9	89.0
1000	69.2	81.7	83.7	85.8	87.4	87.6	89.2	89.9	89.9	90.0	90.2	90.2	90.2	90.3	90.5
900	69.3	82.2	84.3	86.3	88.1	88.4	89.9	90.7	90.7	90.8	91.0	91.0	91.0	91.1	91.2
800	69.3	82.6	84.9	87.3	89.0	89.5	91.3	91.8	91.8	91.9	92.1	92.1	92.1	92.2	92.3
700	69.4	83.3	85.6	88.0	89.8	90.2	91.9	92.6	92.6	92.7	93.0	93.0	93.0	93.1	93.2
600	69.5	83.9	86.2	88.6	90.5	91.0	93.6	94.4	94.4	94.6	94.8	94.8	94.8	94.9	95.0
500	69.5	84.3	86.9	89.3	91.2	91.9	95.0	96.4	96.4	96.9	97.1	97.1	97.1	97.2	97.3
400	69.5	84.4	87.4	90.0	92.3	93.1	96.3	97.7	97.7	98.2	98.4	98.4	98.4	98.5	98.6
300	69.5	84.4	87.4	90.0	92.5	93.3	96.5	97.9	98.0	98.8	99.1	99.1	99.1	99.3	99.5
200	69.5	84.5	87.5	90.1	92.6	93.4	96.6	98.0	98.2	98.9	99.2	99.2	99.2	99.6	99.9
100	69.5	84.5	87.5	90.1	92.6	93.4	96.6	98.0	98.2	98.9	99.2	99.2	99.2	99.6	99.9
0	69.5	84.5	87.5	90.1	92.6	93.4	96.6	98.0	98.2	98.9	99.2	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 922

ALLIED/CRW BUSINESS SYSTEMS

150223

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

CEILING VERSUS VISIBILITY

24292 WDMQA BU DQT APT
STATION STATION NAME

54-63
YEARS

CCI
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-100
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	34.3	36.0	36.2	36.5	37.0	37.0	37.2	37.2	37.2	37.4	37.5	37.5	37.8	37.0	37.8	38.1
18000	34.3	36.0	36.2	36.6	37.1	37.1	37.3	37.3	37.3	37.5	37.6	37.6	37.9	37.9	37.9	38.2
16000	34.8	36.5	36.8	37.3	37.7	37.7	38.1	38.1	38.1	38.3	38.4	38.4	38.7	38.7	38.7	38.7
14000	36.5	38.3	38.5	39.0	39.6	39.6	40.0	40.1	40.1	40.3	40.4	40.4	40.8	40.8	40.8	41.0
12000	39.0	41.0	41.2	41.7	42.6	42.6	43.1	43.2	43.2	43.5	43.6	43.6	43.9	43.9	44.0	44.2
10000	42.6	45.0	45.5	46.1	46.9	46.9	47.5	47.6	47.6	47.8	47.9	47.9	48.2	48.2	48.3	48.5
9000	44.4	47.0	47.6	48.1	49.0	49.0	49.5	49.6	49.6	49.8	49.9	49.9	50.3	50.3	50.4	50.6
8000	47.8	50.8	51.4	51.9	52.8	52.8	53.3	53.4	53.4	53.6	53.7	53.7	54.1	54.1	54.2	54.4
7000	49.1	52.2	52.8	53.3	54.4	54.4	55.0	55.1	55.1	55.4	55.5	55.5	55.8	55.8	55.9	56.1
6000	51.4	54.8	55.5	56.0	57.1	57.1	57.7	57.9	57.9	58.2	58.3	58.3	58.6	58.6	58.7	58.9
5000	54.1	58.8	59.7	60.8	62.2	62.2	62.8	63.0	63.0	63.2	63.4	63.4	63.7	63.7	63.8	64.0
4500	55.8	60.8	61.8	63.0	64.4	64.4	65.1	65.3	65.3	65.5	65.6	65.6	65.9	65.9	66.1	66.3
4000	59.9	66.9	68.1	69.4	70.9	70.9	71.6	71.8	71.8	72.0	72.1	72.1	72.4	72.4	72.5	72.8
3500	62.3	70.8	72.2	73.6	75.1	75.1	75.8	76.0	76.0	76.2	76.3	76.3	76.6	76.6	76.8	77.0
3000	64.6	74.7	76.1	77.5	79.1	79.1	79.9	80.1	80.1	80.3	80.4	80.4	80.8	80.8	80.9	81.1
2500	65.2	75.7	77.1	78.6	80.2	80.2	81.1	81.3	81.3	81.5	81.6	81.6	81.9	81.9	82.1	82.3
2000	65.4	76.8	78.3	80.0	81.6	81.6	82.9	83.1	83.1	83.4	83.5	83.5	83.8	83.8	83.9	84.1
1800	65.4	76.9	78.4	80.1	81.8	81.8	83.1	83.4	83.4	83.6	83.7	83.7	84.0	84.0	84.1	84.3
1500	65.9	78.3	80.2	82.3	84.2	84.3	85.9	86.3	86.3	86.5	86.6	86.6	86.9	86.9	87.0	87.2
1200	66.2	79.1	81.7	84.0	86.1	86.2	87.8	88.2	88.2	88.5	88.6	88.6	89.0	89.0	89.1	89.3
1000	66.5	80.2	82.9	85.4	87.8	87.9	89.7	90.2	90.2	90.5	90.6	90.6	90.9	90.9	91.0	91.3
900	66.8	80.5	83.2	85.7	88.3	88.4	90.3	90.7	90.7	91.1	91.2	91.2	91.6	91.6	91.7	91.9
800	67.1	81.5	84.3	86.9	89.5	89.6	91.6	92.1	92.1	92.5	92.6	92.6	93.0	93.0	93.1	93.3
700	67.4	82.1	85.1	87.7	90.4	90.6	92.6	93.3	93.3	93.7	93.8	93.8	94.2	94.2	94.3	94.5
600	67.5	82.4	85.8	88.4	91.4	91.6	94.5	95.2	95.2	95.7	95.8	95.8	96.1	96.1	96.2	96.4
500	67.5	82.5	86.1	89.1	92.0	92.5	95.7	96.4	96.4	96.9	97.1	97.1	97.4	97.4	97.5	97.7
400	67.5	82.5	86.1	89.3	92.4	93.1	96.2	97.1	97.1	97.6	97.8	97.8	98.2	98.2	98.3	98.5
300	67.5	82.5	86.3	89.6	92.8	93.5	96.6	97.5	97.5	98.2	98.4	98.4	98.7	98.7	98.8	99.0
200	67.5	82.5	86.3	89.6	92.8	93.5	96.6	97.5	97.5	98.3	98.5	98.5	99.0	99.0	99.1	99.4
100	67.5	82.5	86.3	89.6	92.8	93.5	96.6	97.5	97.5	98.3	98.5	98.5	99.1	99.1	99.5	99.8
0	67.5	82.5	86.3	89.6	92.8	93.5	96.6	97.5	97.5	98.3	98.5	98.5	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 925

ALLIED/EGY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 COMOX AC ROT APT
 STATION STATION NAME

54-63 YEARS

OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	1½	1¼	≥ 1	¾	¾	½	≥ 5/16	¼	≥ 0	
NO CEILING																	
20000	34.4	37.7	38.0	38.5	39.1	39.3	39.5	39.7	39.8	40.1	40.2	40.3	40.4	40.7	40.7	41.1	41.4
18000	34.5	37.8	38.1	38.6	39.2	39.4	39.7	39.9	39.9	40.2	40.3	40.4	40.5	40.8	40.8	41.2	41.5
16000	34.7	38.0	38.4	38.8	39.4	39.7	39.9	40.1	40.1	40.4	40.5	40.6	40.7	41.1	41.1	41.4	41.7
14000	36.5	40.0	40.3	40.8	41.7	42.0	42.2	42.5	42.5	42.8	42.9	43.0	43.1	43.4	43.4	43.8	44.1
12000	38.2	41.9	42.2	42.8	43.8	44.1	44.3	44.5	44.5	44.8	44.9	45.0	45.1	45.5	45.5	45.9	46.2
10000	41.7	45.6	46.0	46.7	47.7	48.1	48.3	48.6	48.6	48.9	49.0	49.1	49.2	49.6	49.6	50.0	50.3
9000	42.8	47.7	48.2	48.8	50.1	50.5	50.8	51.1	51.1	51.4	51.5	51.6	51.7	52.0	52.0	52.5	52.8
8000	46.1	50.3	50.8	51.4	52.5	53.3	53.6	53.9	53.9	54.2	54.3	54.4	54.5	54.8	54.8	55.3	55.6
7000	48.1	52.7	53.1	53.8	55.3	55.8	56.3	56.6	56.6	56.9	57.0	57.1	57.2	57.5	57.5	58.0	58.3
6000	49.4	54.3	54.8	55.5	57.1	57.7	58.1	58.4	58.4	58.7	58.8	58.9	59.0	59.4	59.4	59.8	60.1
5000	52.5	58.8	59.6	60.8	62.5	63.0	63.7	64.1	64.1	64.3	64.4	64.5	64.6	65.0	65.0	65.4	65.7
4500	54.2	61.2	62.1	63.3	65.2	65.7	66.4	66.7	66.7	67.0	67.1	67.2	67.3	67.7	67.7	68.1	68.4
4000	58.7	66.7	67.6	68.9	71.1	71.6	72.2	72.5	72.5	72.8	73.0	73.1	73.2	73.5	73.5	73.9	74.2
3500	59.9	68.6	69.5	70.8	73.1	73.5	74.2	74.6	74.6	74.9	75.0	75.1	75.2	75.5	75.5	76.0	76.3
3000	61.7	71.4	72.3	73.7	76.1	76.5	77.4	77.7	77.7	78.0	78.1	78.2	78.3	78.7	78.7	79.1	79.4
2500	63.3	73.3	74.4	75.8	78.0	78.6	79.5	79.8	79.8	80.2	80.3	80.4	80.5	80.8	80.8	81.3	81.6
2000	64.4	75.0	76.4	77.9	80.2	80.8	81.8	82.1	82.1	82.4	82.5	82.7	82.8	83.1	83.1	83.5	83.8
1800	65.0	75.8	77.3	78.8	81.1	81.7	82.7	83.0	83.0	83.3	83.4	83.5	83.6	83.9	83.9	84.4	84.7
1500	65.7	76.9	78.9	80.9	83.4	83.9	84.9	85.2	85.2	85.6	85.7	85.8	86.0	86.2	86.2	86.6	87.0
1200	66.1	78.1	80.1	82.3	84.9	85.6	86.9	87.2	87.2	87.9	88.0	88.1	88.2	88.6	88.6	89.0	89.3
1000	66.6	79.2	81.8	84.3	87.2	87.8	89.5	89.9	89.9	90.6	90.7	90.8	91.3	91.3	91.7	92.0	92.3
900	66.7	79.3	82.0	84.5	87.4	88.0	89.9	90.2	90.2	90.9	91.1	91.2	91.6	91.6	92.0	92.3	92.6
800	66.7	79.3	82.0	84.5	87.4	88.0	89.9	90.2	90.2	90.9	91.1	91.2	91.6	91.6	92.0	92.3	92.6
700	66.7	79.3	82.0	84.5	87.4	88.0	89.9	90.2	90.2	90.9	91.1	91.2	91.6	91.6	92.0	92.3	92.6
600	67.2	80.9	84.2	87.5	90.8	91.5	93.8	94.3	94.3	95.0	95.2	95.3	95.7	95.7	96.1	96.4	96.7
500	67.3	81.5	84.8	88.2	91.7	92.5	94.7	95.3	95.3	96.0	96.1	96.2	96.7	96.7	97.1	97.4	97.7
400	67.3	81.5	85.0	88.5	92.1	93.0	95.3	95.9	95.9	97.0	97.1	97.2	97.6	97.6	98.1	98.4	98.7
300	67.3	81.5	85.0	88.5	92.1	93.0	95.3	95.9	95.9	97.0	97.1	97.2	97.6	97.6	98.1	98.4	98.7
200	67.3	81.5	85.0	88.5	92.1	93.0	95.3	95.9	95.9	97.0	97.1	97.2	97.6	97.6	98.1	98.4	98.7
100	67.3	81.5	85.0	88.5	92.1	93.0	95.3	95.9	95.9	97.0	97.1	97.2	97.6	97.6	98.1	98.4	98.7
0	67.3	81.5	85.0	88.5	92.1	93.0	95.3	95.9	95.9	97.0	97.1	97.2	97.6	97.6	98.1	98.4	98.7

TOTAL NUMBER OF OBSERVATIONS 928

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

CEILING VERSUS VISIBILITY

24292 STATION CUMUX 60 DBI API STATION NAME

54-63 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-20 HOURS (LST)

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	33.4	33.4	33.4	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.9	33.9	34.1	34.9
18000	33.4	33.4	33.4	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.9	33.9	34.1	34.9
16000	33.2	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	34.1	34.1	34.3	35.1
14000	33.6	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.4	34.4	34.7	35.4
12000	35.7	36.2	36.3	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.9	36.9	37.1	37.9
10000	39.6	40.2	40.3	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.0	41.0	41.2	42.0
9000	40.2	40.7	40.8	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.4	41.4	41.7	42.4
8000	41.8	42.6	42.9	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.6	43.6	43.8	44.6
7000	44.2	45.1	45.4	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.1	46.1	46.3	47.1
6000	45.2	46.1	46.4	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.1	47.1	47.3	48.1
5000	48.0	49.0	50.0	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.9	50.9	51.1	51.7
4500	49.4	51.0	51.6	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.4	52.4	52.7	53.4
4000	53.4	56.2	56.8	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.9	57.9	58.1	58.9
3500	55.2	58.2	59.0	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.1	60.1	60.3	61.1
3000	57.7	61.7	62.7	63.1	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.2	64.2	64.6	65.4
2500	60.1	64.7	65.8	66.2	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.3	67.3	67.7	68.4
2000	61.2	67.7	69.0	69.4	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.7	70.7	71.0	71.8
1800	62.2	69.1	70.4	70.9	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.1	72.1	72.4	73.2
1500	63.2	71.6	73.1	73.7	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.2	75.2	75.6	76.3
1200	65.1	73.8	75.6	76.6	77.6	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.6	78.6	78.9	79.7
1000	66.3	76.6	78.7	79.9	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	82.0	82.0	82.3	83.1
900	66.9	78.1	80.4	81.6	82.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.9	83.9	84.2	85.0
800	67.4	79.0	82.1	83.2	84.9	84.9	85.3	85.7	85.7	85.8	85.8	85.8	85.8	86.3	86.3	86.7	87.4
700	67.0	80.0	82.7	84.0	85.7	85.7	86.2	86.6	86.6	86.7	86.7	86.7	86.7	87.2	87.2	87.6	88.3
600	67.6	80.4	83.6	82.1	87.4	87.4	88.1	88.7	88.7	89.1	89.1	89.1	89.1	89.7	89.7	90.0	90.8
500	67.7	81.2	84.6	86.4	88.9	89.0	89.7	90.3	90.3	91.0	91.0	91.0	91.0	91.7	91.7	92.0	92.8
400	67.7	81.3	84.8	86.7	89.1	89.2	90.1	90.9	90.9	91.6	91.6	91.6	91.6	92.2	92.2	92.6	93.3
300	67.8	81.4	85.1	87.1	89.7	89.8	91.2	92.0	92.0	92.8	92.8	92.8	92.8	93.4	93.4	93.8	94.3
200	67.9	81.6	85.2	87.2	89.8	89.9	91.3	92.1	92.1	93.0	93.0	93.0	93.0	94.2	94.2	94.7	95.4
100	67.9	81.6	85.2	87.2	89.8	89.9	91.3	92.2	92.2	93.2	93.3	93.3	93.3	94.8	94.8	95.6	97.4
0	67.9	81.6	85.2	87.2	89.8	89.9	91.3	92.2	92.2	93.2	93.3	93.3	93.3	94.9	94.9	95.9	97.4

TOTAL NUMBER OF OBSERVATIONS 300

ALLIED/EGW BUSINESS SYSTEMS

150523

DATA PROCESSING DIVISION
 ETAC, USAF
 ASHEVILLE, N. C. 2580

CEILING VERSUS VISIBILITY

24292 STATION CELESTIAL DOI KPI

54-63 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000 HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	NO CEILING	
20000	29.2	29.3	29.4	29.4	29.4	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.9	29.9	30.1	30.7
18000	29.2	29.3	29.4	29.4	29.4	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.8	29.9	30.1	30.7
16000	29.3	29.4	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.8	29.8	30.0	30.0	30.2	30.8
14000	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.1	30.1	30.3	30.3	30.6	31.1
12000	30.8	30.9	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.6	31.6	31.8	32.4
10000	33.6	33.7	33.8	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.6	34.6	34.8	34.8	35.1	35.7
9000	34.9	35.0	35.1	35.7	35.7	35.8	35.9	35.9	35.9	35.9	36.0	36.0	36.3	36.3	36.8	37.3
8000	36.8	37.2	37.3	37.9	38.1	38.1	38.2	38.2	38.2	38.2	38.3	38.3	38.7	38.7	39.1	39.8
7000	39.7	40.3	40.4	41.0	41.1	41.2	41.3	41.3	41.3	41.3	41.4	41.4	41.8	41.8	42.2	42.9
6000	40.3	41.0	41.1	41.7	41.8	41.9	42.0	42.0	42.0	42.0	42.1	42.1	42.4	42.4	42.9	43.6
5000	43.3	44.3	44.4	45.0	45.1	45.2	45.3	45.3	45.3	45.3	45.4	45.4	45.8	45.8	46.2	46.9
4500	44.2	45.2	45.3	45.9	46.0	46.1	46.2	46.2	46.2	46.2	46.3	46.3	46.7	46.7	47.1	47.8
4000	48.2	50.0	50.2	50.9	51.2	51.3	51.4	51.4	51.4	51.4	51.6	51.6	51.9	51.9	52.3	53.0
3500	51.3	53.7	54.0	54.7	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.7	55.7	56.1	56.8
3000	56.0	60.0	60.4	61.2	61.7	61.8	62.0	62.1	62.1	62.1	62.2	62.2	62.6	62.6	63.1	63.8
2500	58.1	62.6	63.1	64.0	64.4	64.6	64.8	65.0	65.0	65.0	65.1	65.1	65.4	65.4	66.0	66.7
2000	62.0	65.6	66.1	67.0	67.6	67.7	67.9	68.1	68.1	68.1	68.2	68.2	68.6	68.6	69.1	69.8
1800	60.9	66.6	67.1	68.0	68.6	68.7	69.0	69.2	69.2	69.2	69.3	69.3	69.7	69.7	70.2	70.9
1500	64.0	70.3	71.2	72.3	73.0	73.1	73.6	73.8	73.8	73.8	73.9	73.9	74.2	74.2	74.8	75.5
1200	65.8	74.0	75.3	76.7	77.4	77.6	78.0	78.2	78.2	78.3	78.3	78.7	78.7	79.2	79.9	
1000	67.1	76.9	78.8	80.2	81.0	81.1	81.6	81.8	81.8	81.8	81.9	81.9	82.2	82.2	82.8	83.4
900	67.4	77.4	79.6	81.0	81.9	82.0	82.4	82.8	82.8	82.8	82.9	82.9	83.2	83.2	83.8	84.4
800	68.1	78.4	80.7	82.2	83.3	83.4	84.0	84.8	84.8	84.8	84.9	84.9	85.2	85.2	85.8	86.4
700	68.4	80.0	82.4	84.3	85.4	85.6	86.2	87.0	87.0	87.0	87.1	87.1	87.4	87.4	88.0	88.7
600	68.7	81.3	84.2	86.3	87.7	87.8	88.7	89.4	89.4	89.7	89.8	89.8	90.1	90.1	90.7	91.3
500	68.7	82.0	84.9	87.0	88.8	88.9	89.8	90.6	90.6	91.0	91.1	91.1	91.4	91.4	92.0	92.7
400	68.7	82.2	85.3	87.6	89.4	89.7	91.0	91.9	91.9	92.3	92.4	92.4	92.8	92.8	93.3	94.1
300	68.7	82.3	85.6	87.9	89.9	90.2	91.6	92.8	92.8	93.4	93.6	93.6	94.0	94.0	94.7	95.7
200	68.7	82.3	85.6	87.9	90.2	90.6	91.9	93.1	93.1	93.8	93.9	93.9	94.6	94.6	95.2	96.4
100	68.7	82.3	85.6	87.9	90.2	90.6	91.9	93.1	93.1	93.8	93.9	93.9	94.7	94.7	95.7	97.8
0	68.7	82.3	85.6	87.9	90.2	90.6	91.9	93.1	93.1	93.8	93.9	93.9	94.7	94.7	96.0	98.1

TOTAL NUMBER OF OBSERVATIONS 900

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

CEILING VERSUS VISIBILITY

24892 COMOX BC DOL API

54-63

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-080
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	25.8	26.5	26.6	26.6	26.7	26.7	26.8	26.8	26.8	27.1	27.4	27.4	27.5	27.6	27.8	28.3
18000	26.1	26.7	26.8	26.8	26.9	26.9	27.1	27.1	27.1	27.3	27.6	27.6	27.7	27.8	28.1	28.5
16000	26.1	26.7	26.8	26.8	26.9	26.9	27.1	27.1	27.1	27.3	27.6	27.6	27.7	27.8	28.1	28.5
14000	26.4	27.1	27.2	27.2	27.3	27.3	27.4	27.4	27.4	27.6	28.0	28.0	28.1	28.2	28.4	29.0
12000	27.5	28.2	28.3	28.3	28.4	28.4	28.5	28.5	28.5	28.8	29.2	29.2	29.3	29.4	29.6	30.2
10000	30.7	31.6	31.7	31.7	31.8	31.8	32.0	32.0	32.0	32.3	32.6	32.6	32.7	32.9	33.1	33.6
9000	32.4	33.3	33.4	33.5	33.6	33.6	33.7	33.7	33.7	34.1	34.4	34.4	34.5	34.6	34.9	35.4
8000	35.1	36.0	36.1	36.2	36.3	36.3	36.4	36.4	36.4	36.7	37.1	37.1	37.2	37.3	37.5	38.1
7000	37.4	38.4	38.5	38.8	38.9	38.9	39.0	39.0	39.0	39.3	39.6	39.6	39.8	39.9	40.1	40.6
6000	38.6	39.0	39.1	39.3	39.5	39.5	39.6	39.6	39.6	40.0	40.3	40.3	40.4	40.5	40.8	41.3
5000	40.4	41.5	41.6	41.9	42.1	42.1	42.2	42.2	42.2	42.5	42.9	42.9	43.0	43.1	43.3	43.9
4500	41.6	43.1	43.2	43.4	43.7	43.7	43.8	43.8	43.8	44.1	44.4	44.4	44.5	44.7	44.9	45.4
4000	44.8	46.5	46.8	47.0	47.3	47.3	47.4	47.4	47.4	47.8	48.1	48.1	48.2	48.3	48.6	49.1
3500	47.8	50.0	50.2	50.4	50.9	50.9	51.0	51.0	51.0	51.3	51.7	51.7	51.8	51.9	52.1	52.7
3000	51.6	55.1	55.5	55.9	56.6	56.6	56.8	56.8	56.8	57.1	57.6	57.6	57.7	57.8	58.0	58.6
2500	54.7	58.5	58.8	59.2	59.9	60.0	60.2	60.2	60.2	60.7	61.1	61.1	61.2	61.4	61.6	62.1
2000	57.2	62.7	63.1	63.8	64.5	64.6	64.9	64.9	64.9	65.4	65.8	65.8	65.9	66.0	66.3	66.8
1800	58.0	63.7	64.3	64.9	65.6	65.7	66.0	66.0	66.0	66.5	66.9	66.9	67.0	67.1	67.4	67.9
1500	60.0	67.6	68.5	69.4	70.7	70.8	71.5	71.5	71.5	72.0	72.5	72.5	72.7	72.8	73.1	73.6
1200	62.5	70.0	71.2	72.0	73.6	73.9	74.7	74.8	74.8	75.4	75.8	75.8	76.1	76.2	76.5	77.1
1000	63.7	72.4	73.6	74.7	76.4	76.7	78.0	78.1	78.1	78.6	79.1	79.1	79.3	79.4	79.7	80.3
900	63.9	73.1	74.6	75.8	77.6	78.0	79.3	79.4	79.4	80.1	80.6	80.6	80.8	81.0	81.3	81.8
800	64.4	74.5	76.2	77.0	79.4	79.7	81.2	81.4	81.4	82.3	83.0	83.0	83.2	83.3	83.6	84.2
700	65.3	75.9	78.1	79.7	81.8	82.2	83.9	84.4	84.4	85.5	86.2	86.2	86.4	86.5	87.0	87.5
600	65.9	77.5	79.7	81.5	84.4	84.7	86.6	87.2	87.3	88.4	89.1	89.1	89.3	89.4	89.9	90.4
500	66.1	77.7	80.2	82.2	85.6	86.1	88.2	89.0	89.1	90.6	91.3	91.4	91.9	92.0	92.5	93.1
400	66.0	77.8	80.3	82.4	86.0	86.5	88.6	89.5	89.6	91.3	92.0	92.1	92.7	92.8	93.4	94.0
300	66.4	78.1	80.5	82.6	86.4	87.0	89.5	90.5	90.6	92.3	93.1	93.2	93.8	93.9	94.7	95.4
200	66.4	78.2	80.6	82.7	86.5	87.1	89.8	90.9	91.0	92.7	93.4	93.5	94.7	94.9	95.0	97.1
100	66.4	78.2	80.6	82.7	86.5	87.1	89.8	90.9	91.0	92.7	93.4	93.5	94.7	94.9	96.2	97.4
0	66.4	78.2	80.6	82.7	86.5	87.1	89.8	90.9	91.0	92.7	93.4	93.5	94.7	94.9	96.2	97.4

TOTAL NUMBER OF OBSERVATIONS 898

150523 MILITARY BUSINESS SYSTEMS

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

CEILING VERSUS VISIBILITY

24292 COMOX AC DDI APT

54-63

NOV

STATION

STATION NAME

YEARS

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	≥ 1/16	≥ 1/8	≥ 0
NO CEILING																
≥ 20000	23.9	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 18000	24.2	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
≥ 16000	25.7	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 14000	26.6	27.3	27.3	27.4	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 12000	27.6	28.3	28.3	28.4	28.4	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 10000	31.1	31.9	32.0	32.1	32.2	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4
≥ 9000	32.7	33.4	33.7	33.8	33.9	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 8000	36.3	37.3	37.6	37.7	37.8	37.9	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 7000	38.2	39.3	39.6	39.7	40.1	40.1	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4
≥ 6000	39.1	40.2	40.6	40.7	41.0	41.1	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4
≥ 5000	40.6	41.9	42.2	42.3	42.7	42.8	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1
≥ 4500	42.4	43.8	44.1	44.3	44.7	44.8	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1
≥ 4000	45.7	47.7	48.0	48.2	48.6	48.7	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0
≥ 3500	47.6	50.0	50.3	50.6	50.9	51.0	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3000	51.4	55.0	55.6	55.9	56.2	56.3	56.6	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 2500	54.1	58.2	58.8	59.1	60.0	60.2	60.4	60.7	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 2000	56.2	61.6	62.2	62.6	63.4	63.7	63.9	64.1	64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1800	57.0	62.4	63.1	63.6	64.4	64.7	64.9	65.1	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6
≥ 1500	58.6	64.6	65.7	66.7	67.9	68.2	68.6	68.8	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.3
≥ 1200	59.4	65.9	67.3	68.4	69.9	70.3	70.9	71.4	71.4	71.8	71.9	71.9	72.0	72.0	72.0	72.0
≥ 1000	60.7	68.2	69.9	71.4	73.3	73.9	74.8	75.4	75.4	75.9	76.0	76.0	76.1	76.1	76.1	76.1
≥ 900	61.4	69.4	71.2	72.8	74.8	75.3	76.3	77.1	77.1	77.7	77.8	77.8	77.9	77.9	77.9	77.9
≥ 800	62.0	70.9	73.0	74.8	77.3	78.0	79.3	80.3	80.6	81.2	81.3	81.3	81.4	81.4	81.4	81.4
≥ 700	62.4	72.6	74.8	76.8	80.3	81.3	83.3	84.8	85.0	85.9	86.2	86.2	86.3	86.3	86.3	86.3
≥ 600	63.0	73.9	76.1	78.3	82.6	83.7	86.2	87.7	87.9	89.2	89.6	89.6	89.7	89.7	89.7	89.7
≥ 500	63.6	74.8	77.0	79.2	84.2	85.6	88.8	90.3	90.6	92.1	92.4	92.4	92.7	92.7	93.0	93.6
≥ 400	63.6	74.9	77.1	79.6	84.8	86.3	90.0	91.9	92.1	93.7	94.0	94.0	94.4	94.4	94.9	95.4
≥ 300	63.6	74.9	77.1	79.6	84.8	86.3	90.0	92.1	92.3	93.9	94.2	94.2	94.8	94.8	95.8	96.4
≥ 200	63.6	74.9	77.1	79.6	84.8	86.3	90.2	92.3	92.6	94.1	94.4	94.4	95.0	95.0	96.2	97.6
≥ 100	63.6	74.9	77.1	79.6	84.8	86.3	90.2	92.3	92.6	94.1	94.4	94.4	95.0	95.0	96.8	98.7
≥ 0	63.6	74.9	77.1	79.6	84.8	86.3	90.2	92.3	92.6	94.1	94.4	94.4	95.0	95.0	96.8	98.7

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/EGY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 COMGX BC DGT APT

54-63

NOV

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																	
20000	23.7	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.9	25.3
18000	24.2	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.1	25.2	25.2	25.2	25.2	25.2	25.4	25.9	
16000	24.9	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.8	25.9	25.9	25.9	25.9	25.9	26.1	26.6	
14000	27.7	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.6	28.7	28.7	28.7	28.7	28.7	28.9	29.3	
12000	28.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.8	29.9	29.9	29.9	29.9	29.9	30.1	30.6	
10000	32.3	33.4	33.7	33.8	33.8	33.8	33.8	33.8	33.9	34.0	34.0	34.0	34.0	34.0	34.2	34.7	
9000	34.2	35.4	35.7	35.8	35.8	35.8	35.8	35.9	36.0	36.1	36.1	36.1	36.1	36.1	36.3	36.8	
8000	37.6	39.2	39.4	39.6	39.6	39.6	39.6	39.8	39.9	40.0	40.1	40.1	40.1	40.1	40.3	40.8	
7000	40.2	41.9	42.1	42.2	42.2	42.2	42.4	42.6	42.7	42.8	42.8	42.8	42.8	42.8	43.0	43.4	
6000	40.3	42.1	42.3	42.4	42.4	42.4	42.7	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.2	43.7	
5000	43.2	45.3	45.6	45.7	45.7	45.7	45.9	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.4	46.9	
4500	45.3	47.6	47.8	47.9	47.9	47.9	48.1	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.7	49.1	
4000	47.4	50.2	50.4	50.6	50.6	50.6	50.8	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.3	51.8	
3500	48.8	51.9	52.1	52.2	52.2	52.2	52.4	52.6	52.7	52.8	52.8	52.8	52.8	52.8	53.0	53.4	
3000	52.0	56.7	56.9	57.4	57.4	57.4	57.8	57.9	58.0	58.3	58.3	58.3	58.3	58.3	58.6	59.9	
2500	54.2	59.7	60.0	60.6	60.6	60.6	60.9	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.7	62.1	
2000	56.0	63.1	63.7	64.2	64.7	64.7	65.2	65.3	65.4	65.8	65.8	65.8	65.8	65.9	66.1	66.6	
1800	57.0	64.2	65.0	65.6	66.0	66.0	66.6	66.7	66.8	67.1	67.1	67.1	67.1	67.2	67.4	67.9	
1500	58.2	66.8	67.6	68.3	69.2	69.2	70.0	70.1	70.2	70.6	70.6	70.6	70.6	70.7	70.9	71.3	
1200	60.2	69.4	70.3	71.1	72.1	72.1	73.1	73.3	73.4	73.8	73.8	73.8	73.8	73.9	73.9	74.1	74.6
1000	62.2	72.2	73.4	74.3	75.4	75.7	76.9	77.2	77.3	77.7	77.7	77.7	77.7	77.8	77.8	78.0	78.4
900	62.7	72.9	74.3	75.2	76.8	77.2	78.6	78.9	79.0	79.4	79.4	79.4	79.4	79.6	79.6	80.2	
800	63.3	74.2	76.0	77.0	79.1	79.8	81.3	81.8	82.0	82.9	82.9	82.9	82.9	83.0	83.0	83.2	83.7
700	63.8	75.6	78.0	79.4	81.9	82.7	84.3	85.0	85.2	86.4	86.6	86.6	86.6	86.8	86.8	87.0	87.4
600	63.9	75.6	78.4	80.8	83.6	84.8	86.7	87.6	87.8	89.0	89.1	89.1	89.1	89.6	89.6	89.8	90.2
500	64.2	76.4	79.2	81.7	85.7	87.0	89.4	90.6	90.8	92.1	92.2	92.2	92.2	92.7	92.7	92.9	93.4
400	64.3	76.6	79.3	81.9	86.3	87.7	90.8	92.2	92.4	93.8	94.1	94.1	94.1	95.0	95.0	95.2	95.7
300	64.3	76.6	79.3	81.9	86.4	87.8	90.9	92.4	92.7	94.1	94.6	94.6	94.6	95.8	95.8	96.3	97.3
200	64.3	76.6	79.3	81.9	86.4	87.8	91.0	92.6	92.8	94.2	94.9	94.9	94.9	96.3	96.3	97.2	98.4
100	64.3	76.6	79.3	81.9	86.4	87.8	91.0	92.6	92.8	94.2	94.9	94.9	94.9	96.3	96.3	97.8	99.3
0	64.3	76.6	79.3	81.9	86.4	87.8	91.0	92.6	92.8	94.2	94.9	94.9	94.9	96.3	96.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/FORT WINNERS SYSTEMS

150523

2

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

CEILING VERSUS VISIBILITY

24282 STATION COMDA BC DOT APT STATION NAME

54-63 YEARS

NOV MONTH
 1500-1700 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000	27.3	27.9	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.6
18000	27.6	28.1	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	29.1
16000	27.7	28.2	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.8	28.8	28.8	28.8	28.8	29.1
14000	29.2	29.8	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.7
12000	30.8	31.3	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	32.2
10000	34.3	34.6	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.6
9000	36.2	36.9	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.9
8000	39.8	40.6	41.1	41.1	41.1	41.1	41.2	41.2	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.8
7000	41.8	42.8	43.4	43.4	43.4	43.4	43.6	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	44.1
6000	42.6	43.6	44.2	44.2	44.2	44.2	44.6	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	45.1
5000	45.9	47.1	47.8	47.8	47.8	47.8	48.1	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.7
4500	46.9	48.1	48.8	48.8	48.8	48.8	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.7
4000	50.7	52.4	53.1	53.1	53.1	53.1	53.6	53.6	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.3
3500	52.3	54.4	55.1	55.3	55.4	55.4	55.9	55.9	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.7
3000	55.9	59.0	60.1	60.3	60.6	60.6	61.3	61.4	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.3
2500	57.8	61.6	62.7	62.9	63.2	63.2	64.0	64.1	64.3	64.6	64.7	64.7	64.7	64.7	64.7	65.1
2000	60.0	65.0	66.8	67.1	67.6	67.6	68.3	68.4	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.3
1800	60.3	65.8	67.7	68.3	68.4	68.6	69.3	69.4	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.3
1500	62.1	68.4	70.8	71.2	72.0	72.1	72.9	73.0	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.9
1200	64.0	71.3	73.7	74.1	75.1	75.3	76.1	76.2	76.4	76.7	76.8	76.8	76.8	76.8	76.8	77.1
1000	65.1	73.1	75.9	76.6	77.8	78.2	79.1	79.4	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.3
900	65.3	73.7	76.7	77.7	79.2	79.7	80.6	80.9	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.8
800	65.7	74.9	77.9	79.2	80.9	81.4	82.7	83.2	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.4
700	65.9	75.2	78.3	79.7	81.4	82.1	83.6	84.3	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.7
600	66.0	75.4	78.9	81.0	83.6	84.2	86.3	87.3	87.6	88.3	88.7	88.7	89.0	89.0	89.0	89.3
500	66.1	76.2	79.7	81.9	85.1	86.0	88.6	89.9	90.3	91.4	91.8	91.8	92.1	92.1	92.1	92.4
400	66.4	76.6	80.0	82.2	85.7	86.8	89.3	91.1	91.8	92.9	93.3	93.3	93.9	94.1	94.1	94.7
300	66.4	76.6	80.1	82.3	86.0	87.3	90.3	92.2	92.9	94.1	94.6	94.6	95.2	95.4	95.4	96.2
200	66.4	76.6	80.1	82.3	86.2	87.6	90.6	92.4	93.1	94.4	95.2	95.2	96.0	96.2	96.3	97.3
100	66.4	76.6	80.1	82.3	86.2	87.6	90.6	92.4	93.1	94.4	95.2	95.2	96.0	96.2	96.7	97.8
0	66.4	76.6	80.1	82.3	86.2	87.6	90.6	92.4	93.1	94.4	95.2	95.2	96.0	96.2	96.9	98.0

TOTAL NUMBER OF OBSERVATIONS 300

ALLIED/FGY BUSINESS SYSTEMS

150023

2

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

CEILING VERSUS VISIBILITY

24292 STATION COMOX BC DGT API STATION NAME

54-63 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
20000	30.0	30.1	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.8	30.8	30.8	31.1	31.1	31.3	32.0
18000	30.0	30.1	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.8	30.8	30.8	31.1	31.1	31.3	32.0
16000	30.1	30.2	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.9	30.9	30.9	31.2	31.2	31.4	32.3
14000	30.3	30.4	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.1	31.1	31.1	31.4	31.4	31.7	32.6
12000	32.0	32.3	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.3	33.3	33.3	33.7	33.7	33.9	34.0
10000	35.9	36.6	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.7	37.7	37.7	38.0	38.0	38.2	39.1
9000	37.3	38.2	39.1	39.1	39.1	39.1	39.4	39.6	39.6	39.7	39.7	39.7	40.0	40.0	40.2	41.1
8000	40.1	41.6	42.4	42.4	42.4	42.4	42.8	42.9	42.9	43.0	43.0	43.0	43.3	43.3	43.6	44.4
7000	41.2	42.8	43.7	43.7	43.7	43.7	44.0	44.1	44.1	44.2	44.2	44.2	44.6	44.6	44.8	45.7
6000	42.6	44.1	45.0	45.0	45.0	45.0	45.3	45.4	45.4	45.6	45.6	45.6	45.9	45.9	46.1	47.0
5000	44.9	46.8	47.8	47.8	47.8	47.8	48.2	48.3	48.3	48.4	48.4	48.4	48.8	48.8	49.0	49.9
4500	46.2	48.2	49.2	49.2	49.2	49.2	49.7	49.8	49.8	49.9	49.9	49.9	50.2	50.2	50.4	51.3
4000	49.1	52.1	53.7	53.7	53.7	53.7	54.1	54.2	54.2	54.3	54.3	54.3	54.7	54.7	54.9	55.8
3500	51.0	54.7	56.3	56.3	56.3	56.3	56.8	56.9	56.9	57.0	57.0	57.0	57.3	57.3	57.6	58.4
3000	54.1	59.0	61.1	61.1	61.7	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.8	62.8	63.0	63.9
2500	55.9	62.1	64.6	64.6	65.4	65.4	66.2	66.4	66.4	66.6	66.6	66.6	66.9	66.9	67.1	68.0
2000	57.6	64.2	66.9	67.3	67.9	67.9	68.7	68.9	68.9	69.0	69.0	69.0	69.3	69.3	69.6	70.4
1800	57.7	64.9	67.6	68.0	68.6	68.6	69.4	69.7	69.7	69.8	69.8	69.8	70.1	70.1	70.3	71.2
1500	58.9	67.0	70.4	70.9	71.6	71.6	72.6	72.8	72.8	72.9	73.0	73.0	73.3	73.3	73.6	74.4
1200	60.6	70.6	74.3	74.8	76.0	76.0	77.4	77.7	77.7	77.8	77.9	77.9	78.2	78.2	78.4	79.3
1000	61.4	72.1	76.3	76.8	78.3	78.3	80.2	80.4	80.4	80.6	80.7	80.7	81.0	81.0	81.2	82.1
900	62.3	73.6	78.2	79.1	81.1	81.1	83.1	83.3	83.3	83.4	83.6	83.6	83.9	83.9	84.1	85.0
800	62.4	74.4	79.7	81.1	83.2	83.4	85.6	85.9	85.9	86.0	86.1	86.1	86.4	86.4	86.7	87.6
700	62.6	75.2	80.6	82.3	84.6	85.0	87.2	87.8	87.9	88.0	88.2	88.2	88.6	88.6	88.8	89.7
600	62.6	75.4	81.1	82.9	85.4	85.9	88.3	89.1	89.2	89.6	90.0	90.0	90.3	90.3	90.6	91.4
500	62.7	75.8	81.6	83.6	86.2	86.8	89.4	90.4	90.7	91.2	91.9	91.9	92.2	92.2	92.4	93.3
400	62.9	76.0	81.9	84.0	87.0	87.8	90.6	91.7	92.1	92.7	93.3	93.3	93.7	93.7	93.9	94.8
300	62.9	76.1	82.0	84.3	88.0	88.9	91.8	92.9	93.4	94.1	94.8	94.8	95.2	95.2	95.9	96.8
200	63.0	76.3	82.2	84.6	88.2	89.1	92.0	93.1	93.7	94.3	95.0	95.0	95.4	95.4	96.1	97.1
100	63.0	76.3	82.2	84.6	88.2	89.1	92.0	93.1	93.7	94.3	95.0	95.0	95.4	95.4	96.2	97.2
0	63.0	76.3	82.2	84.6	88.2	89.1	92.0	93.1	93.7	94.3	95.0	95.0	95.6	95.6	96.4	97.2

TOTAL NUMBER OF OBSERVATIONS 900

ALLIED/FOW BUSINESS SYSTEMS

190523

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

CEILING VERSUS VISIBILITY

24292 COMGX BC DQI API
STATION

54-63
STATION NAME

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-30
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	> 2½	> 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	> ¼	≥ 0	
NO CEILING	29.7	29.8	29.8	29.9	30.4	30.4	30.5	30.7	30.7	31.1	31.4	31.4	31.5	31.5	31.7	32.1
> 20000	29.7	29.8	29.8	29.9	30.4	30.4	30.5	30.7	30.7	31.1	31.4	31.4	31.5	31.5	31.7	32.1
18000	29.7	29.8	29.8	29.9	30.4	30.4	30.5	30.7	30.7	31.1	31.4	31.4	31.5	31.5	31.7	32.1
16000	29.7	29.8	29.8	29.9	30.4	30.4	30.5	30.7	30.7	31.1	31.4	31.4	31.5	31.5	31.7	32.1
14000	30.1	30.3	30.3	30.4	30.6	30.8	30.9	31.1	31.1	31.6	31.8	31.8	31.9	31.9	32.1	32.6
12000	32.1	32.3	32.5	32.7	33.1	33.1	33.3	33.5	33.5	33.9	34.1	34.1	34.3	34.3	34.5	34.9
10000	36.4	36.5	36.7	36.9	37.4	37.4	37.5	37.7	37.7	38.2	38.4	38.4	38.5	38.5	38.7	39.2
9000	37.8	37.9	38.2	38.4	38.8	38.8	38.9	39.2	39.2	39.6	39.8	39.8	39.9	39.9	40.2	40.6
8000	40.6	40.7	40.9	41.3	41.7	41.7	41.8	42.0	42.0	42.5	42.7	42.7	42.8	42.8	43.0	43.5
7000	42.2	42.3	42.5	42.9	43.4	43.4	43.5	43.7	43.7	44.2	44.4	44.4	44.5	44.5	44.7	45.2
6000	43.5	43.9	44.2	44.6	45.1	45.1	45.2	45.4	45.4	45.8	46.1	46.1	46.2	46.2	46.4	46.9
5000	47.3	48.5	48.7	49.2	49.6	49.6	49.7	49.9	49.9	50.4	50.6	50.6	50.7	50.7	50.9	51.4
4500	49.4	50.6	51.1	51.5	51.9	51.9	52.1	52.3	52.3	52.7	52.9	52.9	53.1	53.1	53.3	53.7
4000	52.4	55.1	55.6	56.1	56.5	56.5	56.6	56.8	56.8	57.3	57.5	57.5	57.6	57.6	57.8	58.3
3500	54.2	57.4	58.0	58.4	59.2	59.2	59.3	59.5	59.5	60.0	60.2	60.2	60.3	60.3	60.5	61.1
3000	57.3	61.5	62.3	62.8	64.1	64.1	64.2	64.4	64.4	64.8	65.1	65.1	65.2	65.2	65.4	65.9
2500	58.7	64.1	64.8	65.6	66.9	66.9	67.0	67.2	67.2	67.6	67.9	67.9	68.0	68.0	68.2	68.6
2000	60.8	67.0	67.9	68.7	70.1	70.1	70.2	70.4	70.4	70.9	71.1	71.1	71.2	71.2	71.4	71.9
1800	61.7	68.2	69.3	70.2	71.5	71.5	71.6	71.9	71.9	72.3	72.5	72.5	72.6	72.6	72.9	73.4
1500	62.5	70.5	71.7	72.6	74.6	74.6	74.7	74.9	75.1	75.1	75.5	75.8	75.8	75.9	76.1	76.5
1200	64.1	73.3	74.9	75.8	78.4	78.4	78.8	79.0	79.0	79.4	79.6	79.6	79.8	79.8	80.0	80.4
1000	64.8	74.6	76.3	77.2	80.5	80.6	80.9	81.1	81.2	81.8	82.0	82.0	82.1	82.1	82.3	82.8
900	65.5	75.6	77.8	78.6	82.2	82.3	82.5	82.9	83.0	83.5	83.8	83.8	83.9	83.9	84.1	84.5
800	66.0	76.5	78.9	80.1	83.8	83.9	84.3	84.8	84.9	85.5	85.8	85.8	86.1	86.1	86.3	86.8
700	66.2	77.4	79.9	81.6	85.7	85.8	86.3	86.8	86.9	87.5	87.8	87.8	88.1	88.1	88.3	88.8
600	66.4	77.8	80.5	82.3	87.3	87.5	88.1	88.5	88.7	89.4	89.7	89.7	90.0	90.0	90.2	90.7
500	67.2	78.6	81.4	83.2	88.4	88.8	89.4	89.9	90.0	91.0	91.4	91.4	91.8	91.8	92.0	92.4
400	67.2	78.6	81.4	83.9	89.1	89.8	90.9	91.7	91.8	92.8	93.4	93.4	93.8	93.8	94.0	94.4
300	67.2	78.6	81.4	83.9	89.2	90.0	91.5	92.5	92.7	93.8	94.4	94.4	94.8	94.8	95.2	95.8
200	67.2	78.6	81.4	83.9	89.4	90.2	91.8	92.8	92.9	94.0	94.8	94.8	95.4	95.4	95.9	96.4
100	67.2	78.6	81.4	83.9	89.4	90.2	91.8	92.9	93.0	94.1	94.9	94.9	95.7	95.7	96.3	97.0
0	67.2	78.6	81.4	83.9	89.4	90.2	91.8	92.9	93.0	94.1	94.9	94.9	95.7	95.7	96.6	97.0

TOTAL NUMBER OF OBSERVATIONS 899

ALLIANCE/GRY BUSINESS SYSTEMS

1500-33

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

CEILING VERSUS VISIBILITY

24 92 TATION CDMX BC DOI API STATION NAME 54-63 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	25.4	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	
18000	25.4	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	
16000	25.6	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	
14000	25.7	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	
12000	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	
10000	30.1	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	
9000	31.6	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	
8000	33.3	34.0	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	
7000	34.8	35.5	35.6	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	
6000	35.0	35.7	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	
5000	37.2	38.0	38.1	38.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	
4500	38.9	40.0	40.3	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	
4000	41.9	43.8	44.1	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
3500	44.5	47.6	48.0	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	
3000	47.9	51.8	52.3	53.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
2500	51.0	56.3	57.1	57.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
2000	53.3	59.2	60.1	60.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
1800	53.7	59.7	60.6	61.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
1500	56.4	63.5	64.9	66.3	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	
1200	58.4	67.6	69.6	71.3	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	
1000	60.0	70.6	72.8	74.7	78.1	78.5	79.0	79.1	79.1	79.7	79.7	79.7	79.8	79.8	79.8	
900	60.1	72.3	74.7	76.7	80.7	81.1	81.6	81.7	81.7	82.2	82.3	82.3	82.5	82.5	82.5	
800	60.2	73.6	76.7	79.1	83.3	83.6	84.3	84.5	84.5	85.0	85.1	85.1	85.3	85.3	85.3	
700	60.4	75.8	79.2	81.8	86.2	86.5	87.5	87.7	87.7	88.3	88.4	88.4	88.5	88.5	88.5	
600	62.5	76.5	80.3	83.4	87.9	88.5	89.9	90.3	90.3	90.9	91.0	91.0	91.1	91.1	91.1	
500	60.6	77.0	80.9	84.3	89.2	90.0	92.1	92.8	92.8	93.3	93.4	93.4	93.6	93.6	93.6	
400	60.7	77.4	81.4	85.0	90.5	91.4	93.9	94.6	94.6	95.2	95.3	95.3	95.5	95.5	95.5	
300	60.7	77.5	81.5	85.3	90.9	91.7	94.2	95.0	95.0	95.8	96.1	96.1	96.4	96.4	96.7	
200	62.7	77.6	81.7	85.5	91.4	92.2	94.9	95.9	95.9	96.7	97.1	97.1	97.5	97.5	97.7	
100	60.7	77.6	81.7	85.5	91.4	92.2	94.9	95.9	95.9	96.9	97.5	97.5	98.2	98.4	98.7	
0	60.7	77.6	81.7	85.5	91.4	92.2	94.9	95.9	95.9	96.9	97.5	97.5	98.2	98.4	98.7	

TOTAL NUMBER OF OBSERVATIONS 929

ALLIED/EGRY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292 COMUX BL DGT API

54-63

010

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	¾	¾	5/16	¼	≥ 0
NO CEILING																
20000	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
18000	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
16000	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
14000	21.7	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
12000	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
10000	26.1	26.3	26.3	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
9000	27.8	28.2	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
8000	30.0	30.3	30.3	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
7000	31.2	31.8	31.8	32.2	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
6000	31.6	32.4	32.4	32.8	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
5000	34.2	35.6	35.7	36.1	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
4500	35.2	36.7	37.0	37.4	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
4000	37.6	40.5	41.1	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
3500	39.9	43.9	44.4	44.8	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
3000	44.6	49.9	50.8	51.4	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
2500	47.6	54.2	55.4	56.2	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
2000	49.6	56.9	58.4	59.2	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
1800	50.5	58.1	59.6	60.4	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
1500	53.0	61.7	63.8	64.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
1200	55.1	64.4	67.4	68.6	70.0	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
1000	56.3	67.1	70.5	72.0	74.2	74.4	75.2	75.3	75.3	75.8	75.8	75.8	75.8	75.8	76.0	76.0
900	57.1	69.7	73.4	75.3	77.6	78.0	78.7	78.8	78.8	78.8	79.4	79.4	79.4	79.4	79.6	79.6
800	57.5	71.2	75.3	77.6	80.1	80.5	81.4	81.5	81.5	81.5	82.0	82.0	82.0	82.0	82.3	82.3
700	57.7	72.7	77.3	80.3	83.0	83.4	84.3	84.4	84.4	84.4	85.1	85.1	85.2	85.2	85.4	85.4
600	58.2	74.2	79.2	82.8	86.0	86.5	87.3	87.6	87.6	88.4	88.5	88.6	88.6	88.6	88.8	88.8
500	58.3	75.7	81.0	85.4	88.9	89.5	90.4	90.9	90.9	91.6	91.7	91.8	92.0	92.0	92.3	92.3
400	58.7	76.7	81.9	86.3	90.0	90.6	92.0	92.7	92.7	93.5	93.7	93.8	94.0	94.0	94.2	94.2
300	58.7	76.8	82.0	86.5	90.2	91.2	92.8	93.8	93.8	94.8	95.4	95.5	96.1	96.1	96.3	96.5
200	58.7	76.8	82.5	86.9	90.9	91.8	93.7	94.7	94.7	96.1	96.7	96.8	97.5	97.5	97.8	98.0
100	58.7	76.8	82.5	86.9	90.9	91.8	93.7	94.7	94.7	96.1	96.8	96.9	97.8	98.2	98.9	99.0
0	58.7	76.8	82.5	86.9	90.9	91.8	93.7	94.7	94.7	96.1	96.8	97.0	98.0	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

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

CEILING VERSUS VISIBILITY

24232 STATION COMOX BC DOI API STATION NAME

54-63 YEARS

1960-1961 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2600-40 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	22.4	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	
≥ 20000	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	
IV 18000	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	
IV 16000	22.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	
IV 14000	23.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	
IV 12000	26.2	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	
IV 10000	27.1	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	
IV 9000	28.8	29.6	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	
IV 8000	29.4	30.2	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	
IV 7000	29.8	30.9	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	
IV 6000	32.2	34.2	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	
IV 5000	32.6	34.9	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
IV 4500	34.7	38.5	38.9	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	
IV 4000	36.2	40.3	40.8	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	
IV 3500	41.9	47.3	48.1	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
IV 3000	45.8	51.9	52.7	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
IV 2500	48.8	55.8	56.7	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	
IV 2000	50.2	57.6	58.5	58.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
IV 1800	52.5	61.2	62.5	63.1	64.0	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
IV 1500	54.3	64.5	66.8	67.8	68.8	68.9	69.1	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	
IV 1200	56.9	68.8	71.4	72.8	73.9	74.2	74.6	75.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	
IV 1000	57.4	70.4	73.0	74.4	75.7	76.1	76.8	77.2	77.3	77.6	77.6	77.6	77.6	77.7	77.8	
IV 900	58.8	73.0	75.7	77.3	79.0	79.5	80.3	80.8	80.9	81.3	81.3	81.4	81.6	81.7	81.8	
IV 800	59.7	75.3	78.2	80.0	81.9	82.5	83.5	84.2	84.3	84.7	84.8	84.9	85.2	85.3	85.4	
IV 700	60.0	76.8	80.3	82.5	85.1	85.6	86.9	87.5	87.6	88.2	88.3	88.4	88.6	88.7	88.8	
IV 600	60.3	77.8	81.8	84.4	87.2	88.3	90.0	90.8	90.9	92.0	92.4	92.5	92.8	92.9	93.0	
IV 500	60.6	78.6	82.6	85.4	88.5	89.8	92.0	92.9	93.0	94.2	94.5	94.6	94.9	95.1	95.3	
IV 400	60.6	78.7	82.7	85.5	88.7	90.1	92.7	93.7	93.8	94.9	95.3	95.4	95.9	96.0	96.2	
IV 300	60.6	78.7	82.8	85.6	88.9	90.3	92.9	93.9	94.1	95.4	95.7	95.9	96.6	96.8	97.2	
IV 200	60.6	78.7	82.8	85.6	88.9	90.3	92.9	93.9	94.1	95.6	95.9	96.1	97.1	97.7	98.4	
IV 100	60.6	78.7	82.8	85.6	88.9	90.3	92.9	93.9	94.1	95.6	95.9	96.1	97.1	97.7	98.4	
IV 0	60.6	78.7	82.8	85.6	88.9	90.3	92.9	93.9	94.1	95.6	95.9	96.1	97.1	97.7	98.6	

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED/BRY BUSINESS SYSTEMS

150023

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

CEILING VERSUS VISIBILITY

24222 STATION COMOX BC WGT API STATION NAME

54-63 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
20000	20.3	21.0	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	
18000	20.6	21.3	21.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	
16000	20.6	21.4	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	
14000	21.1	21.7	21.8	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	
12000	22.5	23.1	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	
10000	24.4	25.3	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	
9000	25.8	26.7	26.8	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	
8000	28.1	29.5	29.6	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	
7000	29.1	30.6	30.8	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
6000	30.4	31.9	32.0	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	
5000	33.4	34.9	35.1	35.3	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
4500	33.9	35.4	35.5	35.7	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
4000	36.1	37.7	37.8	38.1	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	
3500	38.0	39.6	39.8	40.0	40.1	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	
3000	44.0	46.3	46.7	47.0	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.6	
2500	47.2	50.6	51.2	51.7	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7	
2000	51.3	55.2	55.8	56.5	57.0	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7	
1800	51.8	55.9	56.6	57.3	57.8	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6	
1500	54.4	59.5	60.2	61.1	61.9	62.4	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.1	
1200	56.6	63.8	64.8	65.7	67.0	67.4	68.0	68.3	68.3	68.4	68.7	68.8	68.8	68.8	69.0	
1000	58.4	67.1	68.5	69.7	71.0	71.6	72.3	72.8	72.8	72.9	73.3	73.7	73.9	73.9	74.1	
900	59.1	68.9	70.3	71.8	73.4	74.5	75.2	75.8	75.8	76.0	76.5	76.8	77.0	77.0	77.2	
800	60.3	71.4	72.9	74.8	77.0	78.2	78.8	79.6	79.6	79.8	80.2	80.6	80.9	80.9	81.1	
700	61.3	73.0	74.8	77.0	79.5	80.9	81.8	82.6	82.6	82.8	83.3	83.9	84.1	84.2	84.4	
600	61.9	74.9	76.9	79.6	82.9	84.6	85.8	86.6	86.6	87.0	87.5	88.1	88.3	88.4	88.7	
500	62.4	76.0	78.5	81.2	85.6	87.4	88.8	90.0	90.0	90.9	91.5	92.0	92.3	92.4	92.8	
400	62.4	76.3	78.9	81.7	86.6	88.6	90.6	92.0	92.0	93.1	93.9	94.4	94.6	94.7	95.7	
300	62.4	76.8	79.5	82.3	87.4	89.5	91.9	93.5	93.7	94.9	95.9	96.5	96.8	96.9	98.7	
200	62.4	76.8	79.5	82.4	87.5	89.6	92.2	93.9	94.0	95.3	96.2	96.9	97.4	97.6	98.9	
100	62.4	76.8	79.5	82.4	87.5	89.6	92.2	93.9	94.0	95.3	96.2	97.0	97.5	97.7	99.2	
0	62.4	76.8	79.5	82.4	87.5	89.6	92.2	93.9	94.0	95.3	96.2	97.0	97.5	97.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED / GRY BUSINESS SYSTEMS

190523

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

CEILING VERSUS VISIBILITY

24292 COMOX EC WGT APT
 STATION STATION NAME

54-63 YEARS

JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1210-40
 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	21.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
18000	21.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
16000	21.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
14000	22.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
12000	24.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
10000	28.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
9000	29.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
8000	31.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
7000	32.2	33.5	33.5	33.5	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
6000	33.1	34.6	34.6	34.6	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
5000	35.2	37.0	37.0	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
4500	35.7	37.7	37.7	37.7	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
4000	38.4	41.1	41.2	41.2	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
3500	39.4	42.3	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
3000	43.4	47.7	48.2	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
2500	48.1	54.4	54.8	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2000	50.9	58.2	58.7	58.8	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
1800	51.3	58.8	59.4	59.5	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
1500	54.9	64.1	64.8	65.3	65.8	66.2	66.2	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7
1200	56.2	67.5	68.7	69.2	70.2	70.6	70.6	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2
1000	58.1	71.4	71.8	72.4	73.2	74.3	74.3	74.5	74.8	74.8	75.2	75.3	75.3	75.3	75.3	75.3
900	58.4	71.3	73.1	73.8	75.8	76.3	76.9	77.2	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8
800	54.4	71.8	75.9	77.1	79.4	80.2	80.8	81.4	81.4	81.9	82.0	82.0	82.2	82.2	82.4	82.4
700	60.1	75.2	77.6	79.5	82.6	83.4	84.4	85.1	85.1	85.6	85.7	85.8	85.9	85.9	86.1	86.1
600	60.6	76.1	78.8	80.9	84.5	85.6	87.1	88.0	88.0	88.5	88.8	88.9	89.0	89.0	89.4	89.4
500	61.7	77.4	80.4	82.8	88.1	89.4	91.3	92.4	92.4	93.0	93.4	93.5	93.7	93.8	94.2	94.2
400	61.7	77.8	81.0	83.8	89.2	90.9	92.9	94.2	94.3	95.2	95.7	95.8	96.3	96.5	97.1	97.2
300	61.7	77.8	81.0	84.0	89.6	91.4	93.5	95.4	95.7	96.7	97.2	97.3	97.8	98.0	98.9	98.9
200	61.2	77.8	81.0	84.0	89.7	91.6	93.8	95.6	96.0	97.3	97.8	98.0	98.7	98.8	99.9	99.9
100	61.2	77.8	81.0	84.0	89.7	91.6	93.8	95.6	96.0	97.3	97.8	98.0	98.7	98.8	99.9	99.9
0	61.2	77.8	81.0	84.0	89.7	91.6	93.8	95.6	96.0	97.3	97.8	98.0	98.7	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 35

ALLIED-BIRD BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24292
 STATION

COMB. EL. DDT API
 STATION NAME

54-63
 YEARS

1960-1960
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1700
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	≥ 0
NO CEILING	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
20000	23.1	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
18000	23.4	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
16000	24.7	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
14000	27.2	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
12000	30.9	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
10000	32.6	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
9000	35.3	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
8000	36.9	37.8	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
7000	37.7	38.9	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
6000	41.1	42.4	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
5000	41.8	43.4	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
4500	45.6	47.7	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
4000	47.3	49.9	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
3500	50.5	54.3	54.8	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
3000	53.4	57.6	58.3	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
2500	56.2	61.7	62.5	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
2000	56.5	62.2	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
1800	59.4	66.2	67.2	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
1500	60.1	68.1	69.5	69.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
1200	61.1	71.1	73.1	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
1000	62.2	72.6	74.9	74.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
900	63.2	75.1	77.7	77.7	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
800	64.0	76.6	79.4	79.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
700	64.4	77.8	80.8	80.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
600	64.7	78.9	81.9	81.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
500	64.7	78.9	81.9	81.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
400	64.7	78.9	81.9	81.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
300	64.7	78.9	81.9	81.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
200	64.7	78.9	81.9	81.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
100	64.7	78.9	81.9	81.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
0	64.7	78.9	81.9	81.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6

TOTAL NUMBER OF OBSERVATIONS 330

ALTERED BY BUSINESS SYSTEMS

150523

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

CEILING VERSUS VISIBILITY

24202 - COMMEX DC GGT API
 STATION STATION NAME

54-63

YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-1800
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	2	1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING														
20000	24.5	25.3	25.3	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7
18000	24.5	25.4	25.4	25.8	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9
16000	24.5	25.4	25.4	25.8	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9
14000	25.9	26.8	26.8	27.2	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3
12000	27.5	28.4	28.4	28.8	28.8	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9
10000	30.6	31.5	31.5	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0
9000	31.4	32.5	32.5	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0
8000	33.4	35.2	35.3	35.8	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0
7000	35.5	37.1	37.3	37.8	37.8	37.8	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
6000	35.9	37.5	37.7	38.4	38.4	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6
5000	39.4	41.4	41.7	42.4	42.5	42.5	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8
4500	40.2	42.8	43.1	43.8	44.1	44.1	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4
4000	42.6	46.2	46.8	47.4	48.1	48.1	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4
3500	44.4	48.6	49.1	49.8	50.6	50.6	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0
3000	48.9	53.8	54.4	55.1	55.9	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
2500	50.8	57.7	58.4	59.5	60.9	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1
2000	53.7	60.8	61.5	62.7	64.0	64.0	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5
1800	53.4	61.2	62.0	63.2	64.5	64.5	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
1500	54.7	64.3	65.3	67.0	68.0	68.7	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4
1200	56.5	67.6	69.5	71.4	73.2	73.7	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5
1000	58.0	70.4	72.3	74.7	77.1	77.5	78.1	78.5	78.5	78.6	78.6	78.6	78.6	78.6
900	58.3	71.6	74.5	77.1	80.1	80.5	81.2	81.6	81.6	81.8	81.9	81.9	81.9	81.9
800	58.7	72.3	75.5	78.3	82.6	83.0	83.9	84.4	84.4	84.6	84.7	84.7	84.7	84.7
700	58.9	74.1	77.5	80.5	85.3	85.8	87.3	88.0	88.0	88.3	88.4	88.4	88.4	88.4
600	59.0	75.2	78.9	82.7	88.3	88.8	91.4	92.5	92.5	92.8	92.9	92.9	92.9	92.9
500	59.2	75.7	79.5	83.4	89.1	89.7	93.2	94.3	94.4	94.9	95.1	95.1	95.1	95.1
400	59.5	76.1	80.2	84.2	90.1	90.6	94.7	96.0	96.1	96.8	96.9	96.9	97.1	97.1
300	59.5	76.1	80.1	84.3	90.4	91.0	95.1	96.3	96.5	97.2	97.3	97.3	97.8	97.8
200	59.5	76.1	80.2	84.4	90.5	91.2	95.5	96.8	96.9	97.8	98.1	98.1	98.6	98.6
100	59.5	76.1	80.2	84.4	90.5	91.2	95.5	96.8	96.9	97.8	98.1	98.1	98.6	98.6
0	53.5	76.1	80.2	84.4	90.5	91.2	95.5	96.8	96.9	97.8	98.1	98.1	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED-BUSINESS SYSTEMS

1500523

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

CEILING VERSUS VISIBILITY

24292 STATION CGMJA EC 001 API STATION NAME

54-63 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2400 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	¾	½	¼	1/8	5/16	¼	≥ 0
NO CEILING																
20000	24.1	24.7	24.7	24.8	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
18000	24.1	24.8	24.8	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
16000	24.1	24.8	24.8	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
14000	24.8	25.7	25.7	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
12000	27.1	28.0	28.0	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
10000	30.9	31.9	31.9	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
9000	31.8	32.9	32.9	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
8000	33.4	34.7	34.7	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
7000	34.8	36.2	36.2	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
6000	35.3	36.8	36.8	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
5000	37.7	39.5	39.8	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
4500	38.9	40.9	41.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
4000	41.6	43.1	43.7	44.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
3500	42.5	46.6	47.3	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
3000	47.4	53.0	54.2	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
2500	50.5	56.9	58.1	59.4	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
2000	52.6	59.8	61.3	62.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
1800	53.7	60.9	62.4	63.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
1500	55.2	64.3	66.3	67.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
1200	56.8	67.8	69.9	71.5	73.9	74.1	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1000	58.4	71.1	73.4	75.5	78.2	78.4	78.5	78.9	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7
900	58.9	72.3	74.9	77.5	80.6	80.9	81.0	81.4	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2
800	59.4	74.3	77.3	80.2	84.1	84.3	84.6	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8
700	59.7	75.3	78.4	81.5	85.7	85.9	86.3	86.8	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5
600	59.7	76.8	80.6	84.5	89.6	90.1	91.0	91.4	91.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
500	59.7	77.0	81.0	85.3	90.5	91.1	92.5	92.9	93.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
400	60.0	77.4	81.6	86.0	91.6	92.2	94.0	94.4	94.5	95.9	96.0	96.0	96.3	96.3	96.3	96.3
300	60.0	77.6	81.8	86.5	92.2	92.7	94.6	95.1	95.2	96.7	96.8	96.8	97.2	97.2	97.2	97.2
200	60.0	77.6	81.8	86.5	92.3	92.8	94.7	95.2	95.3	96.8	97.0	97.0	97.4	97.4	97.4	97.4
100	60.0	77.6	81.8	86.5	92.3	92.8	94.8	95.4	95.5	97.1	97.3	97.3	97.8	97.8	97.8	97.8
0	60.0	77.6	81.8	86.5	92.3	92.8	94.8	95.4	95.5	97.1	97.3	97.3	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 930

ALLIED-BUSINESS SYSTEMS

150023

PART D

SKY COVER

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

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

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

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

<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 DIVISION
 ETAC, USAF
 ASHEVILLE, N.C. 28801

SKY COVER

24292

COMUX EC DOT APT

54-63

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	6.7	3.1	2.8	2.6	2.2	1.6	2.1	3.1	5.4	11.0	59.5	8.7	7438
FEB		9.0	4.1	3.2	3.1	2.4	1.9	3.0	4.4	7.2	11.2	50.6	7.5	6765
MAR		9.6	4.1	4.5	4.1	3.7	3.7	4.2	5.9	9.3	13.2	37.9	7.0	7435
APR		9.6	4.6	6.5	5.1	4.4	4.0	4.7	6.7	9.6	14.2	30.7	6.6	7196
MAY		12.9	8.1	6.7	5.7	4.7	3.9	5.3	6.9	8.8	13.1	23.9	5.8	7433
JUN		5.3	6.3	5.9	5.4	5.1	4.6	4.9	7.6	11.8	17.9	25.4	6.7	7191
JUL		21.2	11.9	8.7	6.0	4.1	4.1	3.9	5.6	8.2	12.0	14.4	4.6	7427
AUG		17.4	9.6	7.3	6.3	4.2	3.8	4.2	6.5	8.7	14.3	17.8	5.3	7434
SEP		18.0	7.2	6.2	5.3	4.0	3.3	3.7	5.4	8.0	12.6	26.4	5.7	7168
OCT		7.0	4.1	4.7	4.4	3.9	3.5	3.1	5.3	7.9	14.6	41.5	7.3	7425
NOV		5.0	3.5	4.3	3.4	3.3	3.2	3.7	4.8	6.4	12.1	50.3	7.7	7197
DEC		4.4	3.0	3.3	2.7	2.5	2.5	2.7	4.0	5.8	10.0	59.0	8.1	7439
TOTALS		10.5	5.8	5.3	4.5	3.7	3.3	3.8	5.5	8.1	13.0	36.4	6.7	87548

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

PART E PSYCHROMETRIC SUMMARIES

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

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
 - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of

observations used in the computations for each element is also shown.

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

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Record for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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

PSYCHROMETRIC SUMMARY

24292 COMUX BC DUT APT
 STATION STATION NAME

54-63
 YEARS

ALL
 MONTH
 PAGE 1 ALL
 HOURS: L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB - WB	Dry Bulb	Wet Bulb	Dew Point	
94/ 93																										.0	.0								6	6	
92/ 91																											.0	.0							3	3	
90/ 89																										.0	.0							21	21		
88/ 87																		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						40	40		
86/ 85																	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						67	67		
84/ 83																.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						98	98		
82/ 81													.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						169	169			
80/ 79									.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						238	238			
78/ 77							.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						324	324			
76/ 75							.0	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						489	489			
74/ 73			.0	.0	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						701	701				
72/ 71		.0	.0	.0	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						889	890	6			
70/ 69			.0	.2	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						1210	1210	80			
68/ 67		.0	.1	.3	.6	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						1634	1635	206	2		
66/ 65		.0	.3	.8	.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						2324	2324	511	25		
64/ 63	.0	.1	.6	1.0	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						2803	2803	1118	104		
62/ 61	.0	.5	1.1	1.2	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						3407	3408	2009	445		
60/ 59	.1	1.2	1.5	1.1	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						4144	4144	3540	1221		
58/ 57	.3	1.7	1.4	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						4451	4451	5081	3038		
56/ 55	.5	2.1	1.5	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						5056	5056	6006	4579		
54/ 53	.4	2.2	1.3	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						4758	4758	5698	5240		
52/ 51	.6	2.3	1.4	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						4831	4831	5488	6094		
50/ 49	.7	2.6	1.5	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						5116	5116	5507	5932		
48/ 47	.9	3.3	1.5	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						5750	5750	5929	6020		
46/ 45	1.2	4.0	1.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						6447	6447	6556	6348		
44/ 43	1.2	3.9	1.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						6118	6118	6951	6722		
42/ 41	1.4	3.6	1.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						5624	5625	6663	7107		
40/ 39	1.5	3.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						4918	4918	6348	6786		
38/ 37	1.6	2.6	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						4305	4305	5240	6465		
36/ 35	1.4	1.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						3346	3346	4111	5603		
34/ 33	1.3	1.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						2809	2809	3258	4475		
32/ 31	1.0	1.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						1962	1964	2634	3269		
30/ 29	.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						1296	1299	1656	2381		
28/ 27	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						734	734	1012	1566		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 1210 WS JUL 64 0-26-5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

24292 COMOX RC DOT APT

54-63

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 ALL

HOURS L S T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
56/ 55				.0																															1	1			
54/ 53			.1	.1	.0																														9	9			
52/ 51	.0	.1	.1	.0	.1																														19	19	8	2	
51/ 49	.2	.7	.4	.1	.0																														102	102	31	21	
48/ 47	.2	2.2	.6	.1	.0																														227	227	99	61	
46/ 45	1.0	4.6	1.0	.2																															504	504	339	151	
44/ 43	2.0	6.0	1.2	.1																															685	685	633	432	
42/ 41	3.3	7.3	1.0	.2	.0																														866	866	790	736	
40/ 39	3.6	8.0	1.1	.1	.0																														945	945	939	811	
38/ 37	5.0	6.3	.7	.3	.1																														913	913	1006	999	
36/ 35	4.7	4.6	.9	.2	.0	.0																													773	773	840	952	
34/ 33	3.9	4.7	.5	.1	.1																														692	692	694	751	
32/ 31	2.9	2.7	.6	.1	.0																														468	468	602	587	
30/ 29	1.7	1.8	.4	.1																															299	299	333	442	
28/ 27	1.0	1.2	.5	.1																															210	210	242	263	
26/ 25	.9	1.1	.6	.1																															199	199	211	197	
24/ 23	.9	1.0	.3	.1																															162	162	182	176	
22/ 21	.5	.6	.1																																88	88	151	150	
20/ 19	.4	.6	.1																																83	83	104	133	
18/ 17	.5	.4																																	64	64	96	120	
16/ 15	.4	.2																																	41	41	42	112	
14/ 13	.2	.1																																	21	21	29	106	
12/ 11	.0	.0																																	5	5	5	86	
10/ 9	.0																																		2	2	3	28	
8/ 7																																						28	
6/ 5	.0																																		1	1	1	28	
4/ 3																																						7	
2/ 1																																						1	
TOTAL	33.4	54.2	10.1	1.9	.4	.0																													7379	7379		7380	
																																				7379		7380	

Element (X)	ΣX	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	- 32 F	- 67 F	> 73 F	- 80 F	- 93 F	
Rel. Hum.	59433665	657647	89.1	10.602	7380							
Dry Bulb	10390739	272085	36.9	6.967	7379		165.7					744.0
Wet Bulb	9764849	263555	35.7	6.914	7380		201.7					744.0
Dew Point	8916080	249396	33.8	8.133	7380		248.4					744.0

FORM 1210 WS JUL 64 0-26-5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

24292 COMOX BC DDT APT
 STATION STATION NAME

54-63 YEARS

MAR MONTH

PAGE 1 ALL
 HOURS 15 11

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		
60/ 59											.0	.0																							2	2		
58/ 57						.0	.1	.0	.1																									12	12			
56/ 55					.1	.0	.0	.1	.0																									18	18			
54/ 53				.1	.3	.3	.1	.0																										59	59			
52/ 51		.1	.6	.7	.4	.1	.0																											154	154	1		
50/ 49		1.2	1.3	1.0	.5	.2																												314	314	32		
48/ 47	.3	3.4	2.4	1.7	.6	.2	.0																											647	647	277	56	
46/ 45	1.1	4.3	3.9	2.1	.5	.2	.0	.0																										899	899	545	326	
44/ 43	1.2	5.8	4.7	1.5	.5	.1	.0																											1027	1027	797	423	
42/ 41	1.2	7.2	3.5	1.2	.2	.0																												996	997	1095	611	
40/ 39	1.4	5.5	1.9	.9	.1	.0																												729	729	1170	841	
38/ 37	1.4	5.0	1.7	.7	.1	.1																												665	665	882	966	
36/ 35	1.8	3.7	1.3	.2	.0																													533	533	753	984	
34/ 33	1.9	3.5	1.0	.2	.0																													482	482	586	832	
32/ 31	1.5	2.6	.5	.1																														352	354	494	637	
30/ 29	1.2	2.0	.3	.1																														270	273	365	541	
28/ 27	.7	.9	.2	.0																														136	136	214	451	
26/ 25	.2	.3	.1																															52	52	94	259	
24/ 23	.0	.3	.1																															27	27	42	151	
22/ 21	.0	.2																																18	18	36	120	
20/ 19	.0	.2																																14	14	16	73	
18/ 17	.0	.1																																11	11	16	42	
16/ 15	.0	.1																																10	10	9	39	
14/ 13	.0																																	1	1	4	31	
12/ 11																																						22
10/ 9																																						16
8/ 7																																					5	
6/ 5																																					2	
TOTAL	14.2	46.4	23.7	10.8	3.4	1.2	.3	.0																											7428	7434	7428	7428
Element (X)	Σx'	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	50443469	603317	81.2	13.929	7428	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	> 93 F	Total																										
Dry Bulb	12478318	300932	40.5	6.315	7434		89.7					744.0																										
Wet Bulb	10988697	282589	38.0	5.660	7428		129.2					744.0																										
Dew Point	9307002	258278	34.8	6.630	7428		239.3					744.0																										

FORM 1210 WS JUL 64 0-26-5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

24292 COMOX RC DOT APT
 STATION STATION NAME

54-63 YEARS

APR MONTH

PAGE 1 ALL
 HOURS & S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/ 71																																			1	1	
70/ 69													.0																					3	3		
68/ 67												.1	.0	.0																				13	13		
66/ 65											.0	.0	.1	.2	.2																			38	38		
64/ 63										.0	.1	.3	.2	.1																				47	47		
62/ 61						.1	.1	.3	.2	.1	.0																							62	62		
60/ 59			.0	.1	.2	.4	.4	.3	.1	.0																								107	107		
58/ 57			.0	.2	.6	.7	.6	.3	.3																									174	174	14	1
56/ 55			.1	.4	1.1	1.5	.7	.1																										280	280	29	6
54/ 53	.0	.4	1.0	2.0	2.0	.5	.1																											431	431	83	6
52/ 51	.1	1.6	2.4	2.9	1.6	.4	.0	.0																										656	656	232	44
50/ 49	.4	2.9	3.9	3.4	1.4	.4	.1	.0																										907	907	486	164
48/ 47	.5	5.5	5.1	2.9	.9	.3	.1																											1096	1096	827	306
46/ 45	.6	7.0	4.2	2.1	.2	.1	.0																											1023	1023	1291	530
44/ 43	1.0	4.6	3.7	1.0	.1	.1																												749	749	1289	905
42/ 41	.7	3.5	2.8	.5	.1	.0																												554	554	954	1099
40/ 39	.7	3.4	1.1	.3	.1																													397	397	782	943
38/ 37	.5	2.8	.4	.2	.1																													287	287	538	917
36/ 35	.5	2.1	.1	.1																														202	202	324	841
34/ 33	.3	1.0	.1	.1																														105	105	199	631
32/ 31	.3	.4																																48	48	98	380
30/ 29	.1	.1																																14	14	45	166
28/ 27	.0	.0																																3	3	6	103
26/ 25																																					46
24/ 23																																					32
22/ 21																																					18
20/ 19																																					18
18/ 17																																					15
16/ 15																																					16
14/ 13																																					6
12/ 11																																					1
10/ 9																																					2
8/ 7																																					1
Element (X)	ΣX	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						< 0 F	< 32 F	> 67 F	≥ 73 F	> 80 F	> 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 1210 WS JUL 64 0-26-5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

24292 COMOX BC DOT APT
 STATION STATION NAME

54-63

YEARS

MAY
 MONTH

PAGE 1 ALL
 HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 83																		.0			.0	.0												3	7		
82/ 81																		.0	.0	.0	.0													7	7		
80/ 79																	.1	.1	.2	.0	.0													25	25		
78/ 77												.0	.1	.1	.2	.1	.0				.0													39	39		
76/ 75										.0	.0	.1	.3	.2	.1																			50	50		
74/ 73										.0	.1	.3	.3	.1	.1																			73	73		
72/ 71							.0	.0	.2	.4	.2	.1	.1																					78	79		
70/ 69					.0	.1	.1	.5	.4	.1	.0																							96	96		
68/ 67					.0	.1	.4	.8	.5	.1									.0															148	148		
66/ 65				.0	.2	.4	1.0	.7	.2	.1	.0																							195	195	7	
64/ 63			.0	.5	1.1	1.5	.6	.1	.2	.2																								301	301	23	
62/ 61		.1	.2	1.1	1.8	1.1	.5	.2	.0																									361	361	57	1
60/ 59		.2	.8	1.7	1.9	1.3	.3	.0																										464	464	149	8
58/ 57	.1	.6	1.3	2.8	2.2	1.0	.1	.0																										602	602	299	48
56/ 55	.2	1.4	2.6	4.1	2.2	.6	.1	.0																										837	837	546	97
54/ 53	.2	2.3	3.8	3.4	1.5	.3	.1																											862	862	744	189
52/ 51	.2	3.8	3.9	2.6	.8	.1																												859	859	962	455
50/ 49	.4	4.5	3.8	1.9	.4	.1																												816	816	1241	732
48/ 47	.4	3.1	2.6	1.3	.2																													557	557	1168	1096
46/ 45	.4	2.7	1.9	.4	.1																													403	403	810	1170
44/ 43	.2	1.9	1.1	.2																														255	255	594	990
42/ 41	.3	1.8	.4	.1																														196	196	398	883
40/ 39	.1	1.2	.2	.0																														119	119	244	665
38/ 37	.1	.5	.2																															59	59	117	522
36/ 35	.0	.2	.0																															20	20	51	278
34/ 33			.0																															1	1	18	136
32/ 31			.0																															1	1		89
30/ 29		.0																																1	1	1	35
28/ 27	.0																																	3	3	5	24
26/ 25																																					8
24/ 23																																					3
22/ 21																																					2
TOTAL	2.6	24.3	23.1	20.2	12.9	7.6	4.0	2.3	1.4	.8	.6	.1	.0																					7431	7432		7431
Element (K)	Σx	Σx^2	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	39669517	529505	71.3	16.159	7431	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																									
Dry Bulb	22270035	402703	54.2	7.778	7432			.5	52.1	19.7	2.2	744.0																									
Wet Bulb	18010113	363779	49.0	5.209	7431			.6				744.0																									
Dew Point	14755849	328743	44.2	5.347	7431			16.1				744.0																									

FORM 1210 WS JUL 64 0-26-5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

24292 COMOX BC DOT APT
 STATION STATION NAME

54-63 YEARS

JUN MONTH

PAGE 1 ALL
 HOURS 3 5 T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
90/ 89																				.0	.0														3	3					
88/ 87																				.1	.0	.1	.0												11	11					
86/ 85																				.1	.1		.0												14	14					
84/ 83																				.0	.1	.1	.0	.0											18	18					
82/ 81												.1	.1	.1	.1	.1	.0																		30	30					
80/ 79											.1	.1	.1	.1	.1	.1	.0																		33	33					
78/ 77								.0	.1	.1	.2	.1	.1	.1	.1	.0																			41	41					
76/ 75								.0	.1	.2	.1	.1	.1	.1	.0	.0																			80	80					
74/ 73					.0	.1	.4	.5	.4	.2	.1	.1	.0																						125	125					
72/ 71				.0	.1	.2	.5	.4	.1	.1																									130	130					
70/ 69				.0	.1	.6	.8	.8	.2	.0	.0	.0																							186	186	30				
68/ 67		.0	.1	.5	1.1	1.0	.8	.2	.1	.0																									270	270	33 1				
66/ 65			.4	1.1	2.0	1.5	.7	.2																											424	424	45 5				
64/ 63		.1	.9	2.1	2.3	1.5	.5	.1																											515	515	121 28				
62/ 61		.5	1.7	3.6	2.4	1.0	.1	.0																											665	665	286 55				
60/ 59	.0	1.8	3.4	3.6	1.8	.4	.1																												798	798	472 109				
58/ 57	.2	2.6	4.9	3.2	1.2	.2																													884	884	817 322				
56/ 55	.8	4.5	4.5	2.4	.6	.0																													957	957	1203 602				
54/ 53	.8	4.5	3.8	1.9	.3																														813	813	1343 893				
52/ 51	.9	4.1	2.2	.9	.0																														588	588	1141 1226				
50/ 49	.5	2.2	1.3	.4																															314	314	838 1246				
48/ 47	.3	1.2	.7	.1																															165	165	478 1035				
46/ 45	.1	.6	.3																																72	72	220 733				
44/ 43	.1	.3																																	25	25	105 462				
42/ 41	.1	.2																																	21	21	41 251				
40/ 39	.1	.0																																	9	9	14 166				
38/ 37																																						1	47		
36/ 35																																							5		
34/ 33																																							3		
32/ 31																																							1		
28/ 27																																							1		
TOTAL	6.0	22.6	24.2	20.5	12.3	7.5	4.3	2.1	1.2	.8	.4	.2	.0																						7191	7191	7191				
																																					7191	7191			
Element (X)	ΣX	ΣX^2	\bar{X}	σ_x	No. Obs	Mean No. of Hours with Temperature					Total																														
Rel. Hum.	40785221	530567	73.8	15.098	7191	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total																													
Dry Bulb	25298111	423433	58.9	7.123	7191			94.2	35.5	9.3		720.0																													
Wet Bulb	20914584	386394	53.7	4.605	7191			6.6				720.0																													
Dew Point	18014385	358321	49.8	4.711	7191		.2	.1				720.0																													

FORM 1210 WS JUL 64 0-26-5 (Rev. 50) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 ETAC, USAF
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PSYCHROMETRIC SUMMARY

24292 COMOX BC DOT APT
 STATION STATION NAME

54-63
 YEARS

JUL
 MONTH

PAGE 1 ALL
 HOURS L S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93																									.0	.0									6	5	
92/ 91																									.0	.0									3	3	
90/ 89																			.0	.1	.1	.1	.0											15	15		
88/ 87																		.0	.1	.2	.1	.0	.0												26	26	
86/ 85																		.1	.2	.2	.1	.0													38	38	
84/ 83																	.0	.2	.3	.2	.0														51	51	
82/ 81												.0	.3	.4	.3	.1	.0																		84	84	
80/ 79								.0	.2	.6	.5	.3	.0	.0	.0																				122	122	
78/ 77								.1	.6	.6	.5	.1	.0	.0	.0																				147	147	
76/ 75							.1	.5	.9	.8	.4	.0	.0																						201	201	
74/ 73			.0	.0	.4	1.0	1.2	.6	.2	.0																									249	249	
72/ 71			.0	.0	.9	1.5	1.2	.4	.0	.0																									308	308	3
70/ 69			.1	.6	1.7	1.7	1.1	.3	.1																									43	413	35	
68/ 67		.0	.2	1.2	2.6	1.6	.9	.2																										506	507	119	
66/ 65		.1	.7	2.6	3.3	1.5	.6	.1																										654	654	273	10
64/ 63		.3	2.0	3.7	2.6	1.0	.1																											719	719	466	28
62/ 61		1.0	3.8	3.9	1.9	.3	.0																											805	805	652	166
60/ 59	.1	2.7	4.3	3.3	1.0	.1																												851	851	1022	383
58/ 57	.5	4.2	4.1	1.7	.4	.0																												812	812	1361	850
56/ 55	.6	4.1	3.2	1.1	.1																													679	679	1378	1279
54/ 53	.4	2.7	1.5	.5	.0																													382	382	1000	1329
52/ 51	.2	1.9	.7	.1																														216	216	610	1234
50/ 49	.2	.7	.1	.0																														83	83	333	974
48/ 47	.1	.3	.0																															33	33	123	629
46/ 45	.1	.1																																19	19	40	342
44/ 43	.0																																	3	3	7	137
42/ 41	.0																																	1	1	4	41
40/ 39																																					18
38/ 37																																					3
34/ 33																																					1
32/ 31																																					1
30/ 29																																					1
TOTAL	2.218	.120	.818	.914	.9	9.3	6.8	3.9	2.4	1.4	.7	.4	.2	.1																				7426	7427	7426	
Element (X)	ΣX	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	39267968	527248	71.0	15.713	7426	-0 F	-32 F	-67 F	-73 F	-80 F	-93 F																										Total
Dry Bulb	30135574	469570	63.2	7.760	7426							217.4	94.4	28.2	.6																					744.0	
Wet Bulb	24292118	423438	57.0	4.453	7426																															744.0	
Dew Point	20849693	392233	52.8	4.223	7426																															744.0	

1210 WS FORM JUL 64 0-26.5 (Rev. 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

24292 CQMOX BC DOT APT
 STATION STATION NAME

54-63

YEARS

AUG
 MONTH

PAGE 1 ALL
 HOURS (L 5 T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89																					.0	.1	.0											3	3	
88/ 87																					.0	.1	.0											3	3	
86/ 85																				.0	.1	.0	.1										15	15		
84/ 83															.0	.1	.1	.1	.0	.0	.0	.0											26	26		
82/ 81											.1	.0	.1	.2	.2	.0																	45	45		
80/ 79									.0	.2	.2	.2	.0	.1	.0																		53	53		
78/ 77								.1	.2	.4	.4	.1	.0																				86	86		
76/ 75							.1	.3	.6	.7	.2	.1																					140	140		
74/ 73							.2	.4	1.0	.6	.0																						202	202		
72/ 71		.0	.0	.1	.9	1.4	1.2	.3	.0																								289	289		
70/ 69			.1	.8	1.5	1.8	.7	.1	.0																								379	379	15	
68/ 67			.4	1.8	2.3	1.5	.4	.0																									481	481	43	
66/ 65		.1	1.2	3.8	2.6	.9	.1	.0																									658	656	147	
64/ 63	.0	.6	3.1	3.8	2.2	.3	.0																										746	746	407	
62/ 61	.1	2.6	5.2	3.7	1.0	.1																											903	904	757	
60/ 59	.4	5.9	5.0	2.2	.4	.0																											1031	1031	1351	
58/ 57	1.1	6.0	2.9	1.2	.1																												836	836	1604	
56/ 55	1.2	5.0	2.4	.4	.0																												669	669	1331	
54/ 53	.4	3.7	1.4	.1																													414	414	782	
52/ 51	.4	2.3	.5	.0																													236	236	544	
50/ 49	.3	1.4	.1																														132	132	273	
48/ 47	.2	.5	.0																														52	52	121	
46/ 45	.1	.3																															30	30	44	
44/ 43	.0	.0																															3	3	12	
42/ 41		.0																															1	1	2	
40/ 39																																				3
TOTAL	4.223	4.223	3.17	4.11	1.2	7.4	4.6	2.3	1.0	.5	.4	.1	.1	.0																		7432	7432	7432		
																																		7431	7432	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	< 32 F	> 67 F	< 73 F	> 80 F	> 93 F	
Rel Hum	45157960	568696	76.5	14.862	7432							
Dry Bulb	28908677	460709	62.0	6.857	7432			172.4	57.4	11.6		744.0
Wet Bulb	24344646	424294	57.1	4.046	7432			5.8				744.0
Dew Point	21667850	400296	53.9	3.803	7432			.1				744.0

FORM 1210 WS JUL 64 0-26-5 (Dist 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

24292 COMOX BC DOT APT 54-63 SEP MONTH

PAGE 1 ALL HOURS LST

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
82/ 81																																			3	3		
80/ 79													.0	.1																				5	5			
78/ 77												.0	.1	.0																				11	11			
76/ 75												.0	.1	.0	.0																			18	18			
74/ 73												.0	.1	.2	.3	.1	.0	.0	.0	.0														52	52			
72/ 71												.0	.3	.3	.2	.1	.1	.1	.0															83	83			
70/ 69						.1	.3	.5	.4	.3	.2	.1	.0																					132	132			
68/ 67			.1	.1	.6	.9	.7	.5	.2																									211	211	11		
66/ 65			.2	.7	1.5	1.1	.8	.4	.1	.0																								350	350	39	4	
64/ 63			.5	1.6	1.9	1.5	.7	.2	.0	.0																								446	446	104	21	
62/ 61	.1	1.5	2.5	2.1	1.2	.4	.1	.1																										567	567	257	57	
60/ 59	.3	3.4	3.4	2.1	1.0	.3	.1																											763	763	534	225	
58/ 57	1.3	5.9	2.6	1.6	.8	.2	.1	.0																										892	892	927	574	
56/ 55	2.6	6.7	2.7	1.6	.3	.2																												1007	1007	1281	976	
54/ 53	1.5	6.0	2.1	1.0	.3	.0																												781	781	1080	997	
52/ 51	1.8	4.8	1.5	.6	.2																													643	643	934	1088	
50/ 49	1.2	3.5	1.0	.3	.1																													432	432	711	919	
48/ 47	1.0	2.9	.6	.1	.0																													324	324	518	712	
46/ 45	.8	2.1	.3	.0																														236	236	372	577	
44/ 43	.3	1.0	.2	.0																														110	110	208	406	
42/ 41	.1	.6	.1																															56	56	105	281	
40/ 39	.1	.3	.0																															27	27	53	134	
38/ 37	.0	.2	.0																															15	15	21	104	
36/ 35		.0																																2	2	10	47	
34/ 33		.0																																2	2	1	24	
32/ 31																																					2	14
30/ 29																																					6	
28/ 27																																					1	
26/ 25																																					1	
TOTAL	11.0	39.7	19.4	13.7	8.2	4.2	2.0	.9	.3	.1	.1	.0																						7168	7168	7168		

Element (X)	Σx	Σx^2	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						-0 F	-32 F	-67 F	-73 F	-80 F	-93 F	
Rel Hum	49216130	584904	81.6	14.411	7168							
Dry Bulb	23311400	406018	56.6	6.611	7168			51.7	8.9	.4		720.0
Wet Bulb	20462976	381258	53.2	5.071	7168			.2	1.1			720.0
Dew Point	18528020	362308	50.5	5.478	7168			2.2				720.0

1210 WS FORM 0-76 (04-50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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

PSYCHROMETRIC SUMMARY

24292 COMOX EC DOT API
STATION STATION NAME

54-63
YEARS

OCT
MONTH

PAGE 1 ALL
HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point	
75/ 69										.0																									1	1		
68/ 67								.0		.0																								5	5			
66/ 65							.0	.1		.0																								7	7			
64/ 63					.0		.1	.2		.0																								29	29			
62/ 61					.1		.3	.1	.0		.0																							44	44			
60/ 59			.2		.7		.9	.2	.1	.0																								123	123	12		
58/ 57	.0		.9	1.1	.6		.3	.1	.0																									226	226	59	15	
56/ 55	.3	3.7	1.7	1.2	.7	.1	.0																											565	565	229	66	
54/ 53	2.0	6.6	1.9	1.2	.4	.2																												904	904	649	401	
52/ 51	3.3	6.5	3.6	1.1	.1	.1																												1094	1094	971	902	
50/ 49	3.0	6.3	2.9	1.0	.2	.1	.0																											996	996	994	793	
48/ 47	3.0	6.8	2.0	.5	.1	.1																												932	932	1133	864	
46/ 45	2.7	5.0	1.3	.2	.3																													699	699	953	996	
44/ 43	2.1	4.0	.5	.1	.0	.0																												502	502	736	866	
42/ 41	2.1	3.3	.4	.3	.1	.0																												453	453	571	765	
40/ 39	2.3	2.4	.2	.1	.0																													372	372	454	674	
38/ 37	1.7	1.5		.0	.0																													249	249	330	453	
36/ 35	.9	.7		.0																														120	120	180	271	
34/ 33	.5	.3	.1																															66	66	95	140	
32/ 31	.2	.1																																20	21	33	66	
30/ 29	.1	.0																																11	11	17	56	
28/ 27	.1																																	5	5	7	44	
26/ 25																																					18	
24/ 23																																					14	
22/ 21																																					6	
20/ 19																																					6	
18/ 17																																					3	
16/ 15																																					5	
TOTAL	24.2	248.3	16.4	7.1	2.9	.9	.1																												7423	7423	7424	

FORM 1210 WS JUL 64 0-26-5 (Def 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						0 F	32 F	67 F	73 F	80 F	93 F	
Rel Hum	58134672	651128	87.7	11.719	7423							744.0
Dry Bulb	17661820	359416	48.4	5.909	7423	3.6	.6					744.0
Wet Bulb	16284699	345373	46.5	5.387	7423	5.7						744.0
Dew Point	15057577	231423	44.6	5.943	7424	21.6						744.0

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

PSYCHROMETRIC SUMMARY

24292 COMUX BC DOT APT
STATION STATION NAME

54-63
YEARS

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 PAGE 1 ALL
HOURS 1 5 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL																
60/ 59			.0	.0																													4	4				
58/ 57			.0	.0		.0																											7	7				
56/ 55			.1	.1	.1	.1	.0																										22	22	10			
54/ 53			.3	.1	.1	.1	.0																										41	41	16	10		
52/ 51	.2	1.8	.6	.2	.1																												216	216	57	39		
50/ 49	1.8	4.2	1.8	.4	.0		.0																										592	592	354	264		
48/ 47	3.1	5.9	2.1	.5	.2	.0																											853	853	648	460		
46/ 45	3.2	7.0	2.3	.5	.1	.0																											943	943	822	613		
44/ 43	2.8	6.3	2.6	.5	.1	.0																											892	892	929	767		
42/ 41	2.8	5.8	1.8	.2	.1																												775	775	844	787		
40/ 39	2.7	5.0	1.2	.2	.1																												661	661	839	832		
38/ 37	2.8	3.9	1.0	.4	.1																												585	585	679	704		
36/ 35	2.7	2.8	.6	.1	.0																												448	448	566	680		
34/ 33	2.6	1.9	.5	.1																													375	375	461	621		
32/ 31	2.6	1.3	.4	.1																													320	320	382	456		
30/ 29	1.4	.9	.1	.0																													181	181	230	283		
28/ 27	.8	.5	.1	.0																													103	103	137	191		
26/ 25	.2	.4	.1	.0																													50	50	63	136		
24/ 23	.2	.3	.1	.0																													42	42	52	99		
22/ 21	.1	.4	.1																														49	49	37	56		
20/ 19		.1	.2																														15	15	32	66		
18/ 17		.1	.0																														11	11	14	27		
16/ 15	.0	.1	.1																														11	11	16	18		
14/ 13																																				9	19	
12/ 11																																				3	18	
10/ 9																																					8	
8/ 7																																					11	
6/ 5																																					12	
4/ 3																																					8	
2/ 1																																					5	
0/- 1																																					4	
- 2/- 3																																					2	
TOTAL	30.149	316.1	3.5	1.0	.1	.0																													7196	7196	7196	
Element (X)	ΣX	ΣX^2	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel Hum	57111749	635977	88.4	11.213	7196	0 F	32 F	67 F	73 F	80 F	93 F																											
Dry Bulb	12632715	297691	41.4	6.643	7196		78.2																															
Wet Bulb	11766147	287159	39.9	6.532	7196		97.6																															
Dew Point	10790387	273311	38.0	7.547	7196						142.0																											

FORM 1210 WS JUL 64 0-26.5 (Rev. 30) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

24292 COMOX BC DOT APT
 STATION STATION NAME

54-63
 YEARS

DEC
 MONTH

PAGE 1 ALL
 HOURS 1 5 1

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	DB	WB	Dry Bulb	Wet Bulb	Dew Point	
60/ 59																																			1	1		
58/ 57					.0		.0		.0																									3	3			
56/ 55					.0		.1																											6	6			
54/ 53				.1		.2		.1		.1																								32	32	1		
52/ 51			.5		.4		.1		.0																									79	79	13		
50/ 49	.3	1.6		.7		.2																												210	210	121	44	
48/ 47	1.0	4.1		.9		.1																												455	455	287	194	
46/ 45	2.3	7.2	1.5		.1		.1																											836	836	621	444	
44/ 43	2.1	8.4	1.5		.3		.0		.7		.0		.7																					925	925	810	624	
42/ 41	3.5	6.7	1.6		.2		.1		.0		.0																							900	900	989	931	
40/ 39	4.2	6.8	.9		.2		.0																											905	905	971	903	
38/ 37	4.2	5.9	1.1		.2		.0																											854	854	931	943	
36/ 35	4.1	4.5	.6		.1		.0																											687	687	808	869	
34/ 33	3.8	3.9	.2		.0																													598	598	658	741	
32/ 31	2.3	2.4	.9		.1																													373	373	513	547	
30/ 29	1.8	1.7	.1		.1																													274	274	299	468	
28/ 27	.8	.7	.1		.0																													120	120	184	222	
26/ 25	.4	.5			.0																													71	71	92	184	
24/ 23	.4	.2			.0																													46	46	64	94	
22/ 21	.4	.2			.0																													46	46	46	85	
20/ 19	.2	.1																																20	20	32	66	
18/ 17	.0	.0																																2	2	3	36	
16/ 15																																					19	
14/ 13																																					14	
12/ 11																																					9	
10/ 9																																					1	
6/ 5																																				1		
TOTAL	31.7	55.7	10.1	2.0	.4	.0	.0																											7439	7439	7439	7439	

FORM 1210 WS JUL 64 0 26 5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	ΣX	Σx	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						0 F	32 F	67 F	73 F	80 F	93 F	
Rel. Hum	60847030	669374	90.0	9.098	7439							
Dry Bulb	11850973	293499	39.5	6.039	7439		95.2					744.0
Wet Bulb	11130961	284489	38.2	5.812	7439		123.3					744.0
Dew Point	10272921	272359	36.6	6.364	7439		174.6					744.0

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

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24292 COMDX CC DOT APT

54-63

STATION	STATION NAME												YEARS	
HRS (LST)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN S D TOTAL OBS	35.9 7.276 916	37.4 6.562 843	37.2 5.814 930	42.8 4.651 900	48.8 5.243 927	54.3 4.929 900	57.7 4.596 925	57.1 4.077 928	52.4 4.719 895	45.9 5.746 929	39.7 6.890 900	38.4 6.296 929	45.7 9.660 10922
03-05	MEAN S D TOTAL OBS	35.5 7.250 915	37.0 6.773 844	36.5 6.010 930	41.3 5.070 900	46.8 5.181 929	52.5 4.599 900	55.4 3.981 93	55.2 3.927 930	50.9 5.151 899	45.4 6.015 930	39.5 6.857 899	38.3 6.299 930	44.6 9.168 10936
06-08	MEAN S D TOTAL OBS	35.3 7.404 920	37.0 6.553 843	37.1 5.831 930	44.0 4.840 898	51.7 5.235 930	56.6 4.454 900	59.9 4.304 927	58.8 4.282 929	53.1 5.240 900	45.7 5.989 930	39.2 6.920 898	38.2 6.432 930	46.5 10.522 10935
09-11	MEAN S D TOTAL OBS	37.1 6.584 924	40.5 5.348 846	42.5 4.754 930	49.1 4.099 900	56.3 5.453 930	60.6 5.052 900	64.8 5.026 930	64.1 4.351 930	59.5 4.372 898	50.6 4.339 929	42.5 5.828 900	40.0 5.642 930	50.7 10.957 10947
12-14	MEAN S D TOTAL OBS	39.4 6.006 930	43.0 5.131 845	44.9 4.909 930	51.6 4.869 900	59.5 6.697 930	63.5 6.466 895	68.8 6.583 930	67.4 5.616 929	62.3 5.256 892	52.7 4.357 930	44.8 5.323 900	42.1 4.782 930	53.4 11.579 10941
15-17	MEAN S D TOTAL OBS	38.8 6.069 928	42.8 5.211 846	45.1 5.088 928	52.2 5.601 900	60.8 7.737 929	64.6 7.541 899	70.5 7.861 929	68.7 6.695 929	62.7 5.811 892	52.2 4.573 922	43.8 5.435 900	41.0 5.168 930	53.7 12.582 10932
18-20	MEAN S D TOTAL OBS	36.7 6.967 927	39.7 5.656 844	41.6 5.221 926	48.9 5.171 899	57.5 7.404 929	61.9 7.149 897	67.5 7.592 930	65.0 6.092 929	58.0 5.043 896	48.4 4.841 925	41.3 6.367 900	39.0 5.974 930	50.5 12.279 10932
21-23	MEAN S D TOTAL OBS	36.3 7.136 919	38.2 6.215 844	39.0 5.464 930	45.1 4.456 900	52.1 5.573 928	57.1 5.394 900	61.2 5.108 926	59.6 4.363 928	54.2 4.457 896	46.6 5.366 928	40.2 6.828 899	38.5 6.271 930	47.4 10.396 10928
ALL HOURS	MEAN S D TOTAL OBS	36.9 6.967 7379	39.5 6.390 6755	40.5 6.315 7434	46.9 6.206 7197	54.2 7.778 7432	58.9 7.123 7191	63.2 7.760 7427	62.0 6.857 7432	56.6 6.611 7168	48.4 5.909 7423	41.4 6.643 7196	39.5 6.039 7439	49.0 11.417 87473

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

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24292 COMOX BC DOT APT

54-63

STATION	STATION NAME	YEARS											
HRS (LST)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN 34.9 S D 7.178 TOTAL OBS 916	MEAN 36.2 S D 6.667 TOTAL OBS 843	MEAN 35.7 S D 5.605 TOTAL OBS 930	MEAN 40.6 S D 4.380 TOTAL OBS 900	MEAN 45.9 S D 4.700 TOTAL OBS 927	MEAN 51.3 S D 4.285 TOTAL OBS 900	MEAN 54.2 S D 3.688 TOTAL OBS 925	MEAN 54.5 S D 3.434 TOTAL OBS 928	MEAN 50.7 S D 4.770 TOTAL OBS 895	MEAN 44.7 S D 5.614 TOTAL OBS 929	MEAN 38.6 S D 6.829 TOTAL OBS 900	MEAN 37.4 S D 6.090 TOTAL OBS 929	MEAN 43.8 S D 8.345 TOTAL OBS 1922
03-05	MEAN 34.6 S D 7.243 TOTAL OBS 915	MEAN 35.8 S D 6.867 TOTAL OBS 844	MEAN 35.1 S D 5.803 TOTAL OBS 927	MEAN 39.4 S D 4.827 TOTAL OBS 900	MEAN 44.5 S D 4.806 TOTAL OBS 929	MEAN 50.0 S D 4.227 TOTAL OBS 900	MEAN 52.8 S D 3.523 TOTAL OBS 930	MEAN 53.2 S D 3.592 TOTAL OBS 930	MEAN 49.5 S D 5.167 TOTAL OBS 899	MEAN 44.3 S D 5.888 TOTAL OBS 930	MEAN 38.4 S D 6.778 TOTAL OBS 899	MEAN 37.4 S D 6.074 TOTAL OBS 930	MEAN 43.0 S D 8.717 TOTAL OBS 10933
06-08	MEAN 34.4 S D 7.391 TOTAL OBS 927	MEAN 35.9 S D 6.728 TOTAL OBS 843	MEAN 35.6 S D 5.707 TOTAL OBS 927	MEAN 41.5 S D 4.387 TOTAL OBS 898	MEAN 47.8 S D 4.413 TOTAL OBS 930	MEAN 52.6 S D 3.706 TOTAL OBS 900	MEAN 55.6 S D 3.202 TOTAL OBS 927	MEAN 55.5 S D 3.386 TOTAL OBS 930	MEAN 51.2 S D 5.033 TOTAL OBS 900	MEAN 44.6 S D 5.883 TOTAL OBS 930	MEAN 38.2 S D 6.874 TOTAL OBS 898	MEAN 37.2 S D 6.202 TOTAL OBS 930	MEAN 44.2 S D 9.450 TOTAL OBS 10933
09-11	MEAN 35.9 S D 6.702 TOTAL OBS 924	MEAN 38.6 S D 5.619 TOTAL OBS 846	MEAN 39.7 S D 4.613 TOTAL OBS 930	MEAN 44.8 S D 3.562 TOTAL OBS 900	MEAN 50.4 S D 3.994 TOTAL OBS 930	MEAN 54.8 S D 3.629 TOTAL OBS 900	MEAN 58.2 S D 3.360 TOTAL OBS 930	MEAN 58.4 S D 2.752 TOTAL OBS 930	MEAN 55.1 S D 3.738 TOTAL OBS 898	MEAN 48.3 S D 4.286 TOTAL OBS 929	MEAN 40.9 S D 5.980 TOTAL OBS 900	MEAN 38.7 S D 5.557 TOTAL OBS 930	MEAN 47.0 S D 9.177 TOTAL OBS 1947
12-14	MEAN 37.6 S D 5.956 TOTAL OBS 930	MEAN 40.3 S D 5.288 TOTAL OBS 845	MEAN 41.1 S D 4.505 TOTAL OBS 930	MEAN 46.0 S D 3.776 TOTAL OBS 900	MEAN 51.7 S D 4.317 TOTAL OBS 929	MEAN 56.0 S D 3.907 TOTAL OBS 895	MEAN 59.6 S D 3.755 TOTAL OBS 930	MEAN 59.7 S D 2.977 TOTAL OBS 929	MEAN 56.3 S D 3.821 TOTAL OBS 892	MEAN 49.3 S D 4.008 TOTAL OBS 930	MEAN 42.5 S D 5.419 TOTAL OBS 900	MEAN 40.2 S D 4.751 TOTAL OBS 930	MEAN 48.4 S D 8.976 TOTAL OBS 10940
15-17	MEAN 37.3 S D 6.135 TOTAL OBS 928	MEAN 40.1 S D 5.321 TOTAL OBS 846	MEAN 41.0 S D 4.564 TOTAL OBS 928	MEAN 46.1 S D 3.929 TOTAL OBS 900	MEAN 52.1 S D 4.504 TOTAL OBS 929	MEAN 56.4 S D 4.211 TOTAL OBS 899	MEAN 60.1 S D 4.102 TOTAL OBS 928	MEAN 60.2 S D 3.170 TOTAL OBS 928	MEAN 56.4 S D 3.909 TOTAL OBS 892	MEAN 48.9 S D 4.184 TOTAL OBS 922	MEAN 41.8 S D 5.594 TOTAL OBS 900	MEAN 39.5 S D 5.091 TOTAL OBS 930	MEAN 48.4 S D 9.360 TOTAL OBS 10930
18-20	MEAN 35.7 S D 6.846 TOTAL OBS 928	MEAN 38.1 S D 5.722 TOTAL OBS 844	MEAN 39.0 S D 4.971 TOTAL OBS 926	MEAN 44.5 S D 3.967 TOTAL OBS 899	MEAN 50.9 S D 4.628 TOTAL OBS 929	MEAN 55.5 S D 4.229 TOTAL OBS 897	MEAN 59.2 S D 4.047 TOTAL OBS 930	MEAN 59.0 S D 3.228 TOTAL OBS 929	MEAN 54.4 S D 4.180 TOTAL OBS 896	MEAN 46.7 S D 4.705 TOTAL OBS 925	MEAN 39.9 S D 6.391 TOTAL OBS 900	MEAN 37.9 S D 5.780 TOTAL OBS 930	MEAN 46.8 S D 9.774 TOTAL OBS 10933
21-23	MEAN 35.3 S D 7.053 TOTAL OBS 919	MEAN 36.9 S D 6.264 TOTAL OBS 844	MEAN 37.1 S D 5.360 TOTAL OBS 930	MEAN 42.3 S D 4.146 TOTAL OBS 900	MEAN 48.2 S D 4.604 TOTAL OBS 928	MEAN 53.3 S D 4.261 TOTAL OBS 900	MEAN 56.6 S D 3.690 TOTAL OBS 926	MEAN 56.3 S D 3.310 TOTAL OBS 928	MEAN 52.0 S D 4.450 TOTAL OBS 896	MEAN 45.3 S D 5.250 TOTAL OBS 928	MEAN 39.0 S D 6.744 TOTAL OBS 899	MEAN 37.5 S D 6.331 TOTAL OBS 930	MEAN 45.0 S D 9.317 TOTAL OBS 10928
ALL HOURS	MEAN 35.7 S D 6.914 TOTAL OBS 7380	MEAN 37.7 S D 6.321 TOTAL OBS 6755	MEAN 38.0 S D 5.660 TOTAL OBS 7428	MEAN 43.1 S D 4.771 TOTAL OBS 7197	MEAN 49.0 S D 5.209 TOTAL OBS 7431	MEAN 53.7 S D 4.605 TOTAL OBS 7191	MEAN 57.0 S D 4.453 TOTAL OBS 7426	MEAN 57.1 S D 4.046 TOTAL OBS 7432	MEAN 53.2 S D 5.071 TOTAL OBS 7168	MEAN 46.5 S D 5.387 TOTAL OBS 7423	MEAN 39.9 S D 6.532 TOTAL OBS 7196	MEAN 38.2 S D 5.812 TOTAL OBS 7439	MEAN 45.8 S D 9.427 TOTAL OBS 87466

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

MEANS AND STANDARD DEVIATIONS

DCW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24292 COMOX BC DOT APT

54-63

STATION	STATION NAME												YEARS	
HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	33.2	34.2	33.4	37.9	43.0	48.7	51.6	52.6	49.2	43.5	37.2	36.1	41.8
	S. D.	8.321	8.064	6.519	5.313	5.353	4.894	4.151	3.823	5.388	6.062	7.564	6.567	9.327
	TOTAL OBS	916	843	930	900	927	900	925	928	895	929	900	929	10922
03-05	MEAN	33.0	33.8	32.9	37.1	42.1	47.9	50.8	51.6	48.3	43.2	36.9	36.1	41.2
	S. D.	8.456	8.411	6.737	5.684	5.261	4.681	3.885	3.894	5.682	6.336	7.710	6.475	9.229
	TOTAL OBS	915	844	927	900	929	900	937	930	899	930	899	930	10933
06-08	MEAN	32.8	34.0	33.4	38.5	44.1	49.4	52.6	53.2	49.5	43.5	36.7	35.9	42.0
	S. D.	8.557	8.284	6.727	5.239	4.957	4.310	3.572	3.616	5.636	6.362	7.766	6.679	9.639
	TOTAL OBS	920	843	927	898	930	900	927	930	900	930	898	930	10933
09-11	MEAN	33.9	35.9	36.0	40.1	45.3	50.4	53.7	54.7	51.9	46.0	38.7	36.9	43.7
	S. D.	8.118	7.582	6.260	5.341	4.826	4.227	3.741	3.195	4.957	5.519	7.406	6.343	9.341
	TOTAL OBS	924	846	930	900	930	900	937	930	898	930	900	930	10948
12-14	MEAN	35.1	36.9	36.4	39.9	45.0	50.6	53.6	54.8	51.9	46.2	39.7	37.9	44.0
	S. D.	7.526	7.457	6.400	5.835	5.257	4.435	4.057	3.370	5.200	5.430	7.087	5.863	9.054
	TOTAL OBS	930	845	930	900	929	895	937	929	892	930	900	930	10940
15-17	MEAN	35.0	36.4	36.0	39.5	44.6	50.4	53.4	54.8	51.7	45.8	39.2	37.6	43.7
	S. D.	7.660	7.666	6.603	5.940	5.603	4.755	4.545	3.716	5.290	5.567	7.193	5.878	9.229
	TOTAL OBS	928	846	928	900	929	899	928	928	892	922	900	930	10930
18-20	MEAN	33.9	35.7	35.6	39.7	45.2	50.8	53.7	55.2	51.7	45.0	38.1	36.4	43.5
	S. D.	7.938	7.376	6.328	5.659	5.342	4.734	4.513	3.582	4.980	5.408	7.498	6.287	9.564
	TOTAL OBS	928	844	926	899	929	897	930	929	896	925	900	930	10933
21-23	MEAN	33.5	34.8	34.4	38.9	44.6	50.5	53.3	54.0	50.2	43.8	37.4	36.1	42.7
	S. D.	8.158	7.638	6.438	5.450	5.306	4.794	4.209	3.676	5.306	5.805	7.560	6.464	9.576
	TOTAL OBS	919	844	930	900	928	900	926	928	896	928	899	930	10928
ALL HOURS	MEAN	33.8	35.2	34.8	39.0	44.2	49.8	52.8	53.9	50.5	44.6	38.0	36.6	42.8
	S. D.	8.133	7.892	6.630	5.648	5.347	4.711	4.223	3.803	5.478	5.943	7.547	6.364	9.424
	TOTAL OBS	7380	6755	7428	7197	7431	7191	7426	7432	7168	7424	7196	7439	87467

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

RELATIVE HUMIDITY

24292

COMOX SC DOT APT

54-63

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.9	99.8	99.1	97.4	93.1	84.0	59.5	89.1	7380
FEB		100.0	100.0	99.8	98.9	96.9	93.6	86.8	75.8	49.3	85.8	6755
MAR		100.0	100.0	99.9	99.1	96.7	90.6	78.1	59.6	31.9	81.2	7428
APR		100.0	100.0	99.5	97.9	92.6	82.7	65.2	44.2	20.0	75.7	7197
MAY		100.0	100.0	99.1	95.9	88.7	74.7	54.8	31.6	12.4	71.3	7431
JUN		100.0	100.0	99.6	97.9	92.1	80.5	60.3	36.3	13.7	73.8	7191
JUL		100.0	100.0	99.6	96.8	88.8	74.4	52.6	31.5	11.1	71.0	7426
AUG		100.0	100.0	99.7	98.6	94.3	84.0	67.2	46.6	19.0	76.5	7432
SEP		100.0	100.0	99.8	99.2	96.6	89.8	77.7	60.9	34.3	81.6	7168
OCT		100.0	100.0	100.0	99.6	98.7	96.5	90.6	77.5	53.9	87.7	7423
NOV		100.0	100.0	100.0	99.8	98.9	97.3	91.7	79.6	55.9	88.4	7196
DEC		100.0	100.0	100.0	99.9	99.6	98.7	95.7	86.8	60.0	90.0	7439
TOTALS		100.0	100.0	99.7	98.6	95.2	88.3	76.1	59.4	35.0	81.0	87466

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

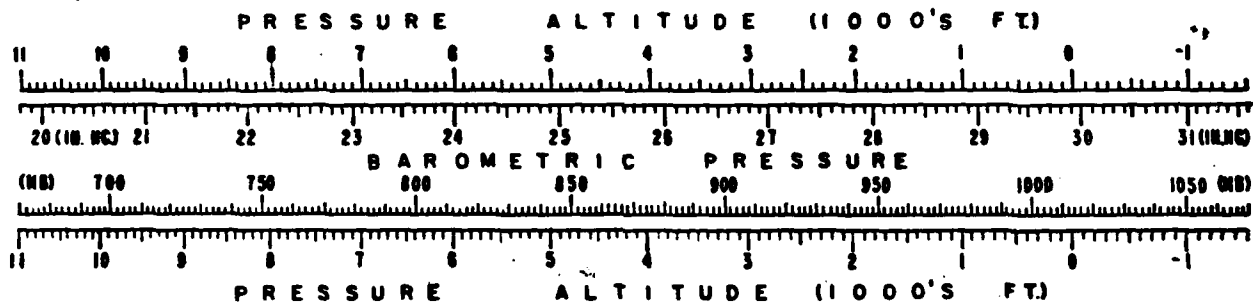
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

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



F

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

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

24292 COMDX BC DOT APT

54-63

STATION	STATION NAME	YEARS												
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01		MEAN 29.951	29.890	29.885	29.919	29.925	29.919	29.947	29.939	29.918	29.909	29.947	29.945	29.925
	S. D.	.322	.327	.299	.225	.154	.131	.118	.107	.170	.262	.295	.317	.242
	TOTAL OBS	309	282	310	300	309	300	308	309	299	310	300	310	3646
04		MEAN 29.952	29.890	29.881	29.919	29.933	29.922	29.955	29.944	29.919	29.903	29.945	29.944	29.926
	S. D.	.322	.328	.301	.230	.155	.133	.117	.109	.174	.263	.296	.317	.243
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07		MEAN 29.946	29.890	29.888	29.932	29.947	29.938	29.975	29.964	29.935	29.909	29.946	29.938	29.934
	S. D.	.324	.328	.301	.236	.156	.136	.117	.110	.178	.260	.300	.316	.245
	TOTAL OBS	308	282	310	299	310	300	310	310	300	310	299	310	3648
10		MEAN 29.968	29.906	29.901	29.941	29.949	29.940	29.978	29.970	29.944	29.924	29.961	29.959	29.945
	S. D.	.325	.327	.302	.235	.154	.135	.115	.109	.178	.264	.305	.319	.246
	TOTAL OBS	308	282	310	300	310	300	310	310	299	310	300	310	3649
13		MEAN 29.949	29.895	29.891	29.929	29.936	29.931	29.966	29.957	29.930	29.914	29.945	29.942	29.932
	S. D.	.324	.319	.296	.229	.150	.134	.112	.107	.174	.256	.307	.324	.243
	TOTAL OBS	309	281	310	300	310	298	310	310	297	309	300	310	3644
16		MEAN 29.948	29.879	29.875	29.908	29.915	29.914	29.940	29.931	29.906	29.899	29.931	29.936	29.915
	S. D.	.318	.314	.288	.224	.147	.130	.112	.106	.168	.251	.303	.323	.239
	TOTAL OBS	308	282	309	299	310	299	309	310	298	308	300	310	3642
19		MEAN 29.943	29.875	29.867	29.897	29.903	29.903	29.923	29.916	29.900	29.897	29.931	29.935	29.908
	S. D.	.323	.315	.291	.221	.147	.126	.115	.109	.163	.252	.303	.321	.239
	TOTAL OBS	310	282	309	300	310	299	310	310	298	309	300	310	3647
22		MEAN 29.953	29.882	29.879	29.913	29.920	29.913	29.938	29.930	29.913	29.904	29.940	29.943	29.919
	S. D.	.323	.316	.294	.221	.148	.128	.116	.112	.164	.258	.300	.318	.240
	TOTAL OBS	309	282	310	300	310	300	308	309	299	309	300	310	3646
ALL HOURS		MEAN 29.951	29.888	29.883	29.920	29.928	29.922	29.953	29.944	29.921	29.907	29.943	29.943	29.926
	S. D.	.322	.321	.296	.228	.152	.132	.116	.110	.172	.258	.301	.319	.242
	TOTAL OBS	2471	2255	2478	2398	2479	2396	2475	2478	2390	2475	2399	2480	29174

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

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

24292 COMOX BC DQT API

54-63

STATION	STATION NAME	YEARS												
HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1		MEAN 1017.02	1015.01	1014.81	1015.91	1016.11	1015.91	1016.81	1016.51	1015.81	1015.61	1016.91	1016.8	1016.1
		S. D. 10.955	11.096	10.163	7.660	5.204	4.439	3.971	3.633	5.758	8.876	10.022	10.795	8.220
		TOTAL OBS 310	282	310	300	309	300	308	309	299	310	300	310	3647
04		MEAN 1017.11	1015.01	1014.71	1015.91	1016.31	1016.01	1017.11	1016.71	1015.91	1015.31	1016.81	1016.8	1016.1
		S. D. 10.957	11.133	10.223	7.821	5.263	4.510	3.969	3.681	5.888	8.896	10.042	10.755	8.261
		TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
07		MEAN 1016.81	1014.91	1014.91	1016.41	1016.81	1016.51	1017.81	1017.41	1016.41	1015.61	1016.91	1016.6	1016.4
		S. D. 11.011	11.148	10.240	8.340	5.310	4.605	3.963	3.740	6.022	8.845	10.186	10.737	8.317
		TOTAL OBS 309	282	310	299	310	300	310	310	300	310	299	310	3649
10		MEAN 1017.61	1015.51	1015.31	1016.71	1016.91	1016.61	1017.91	1017.61	1016.71	1016.11	1017.41	1017.3	1016.8
		S. D. 11.048	11.111	10.259	7.986	5.232	4.588	3.890	3.706	6.040	8.961	10.379	10.851	8.344
		TOTAL OBS 309	282	310	300	310	300	310	310	299	310	300	310	3650
13		MEAN 1017.01	1015.11	1015.01	1016.31	1016.51	1016.31	1017.51	1017.21	1016.31	1015.71	1016.81	1016.7	1016.4
		S. D. 11.016	10.869	10.067	7.788	5.090	4.543	3.791	3.615	5.925	8.713	10.444	10.936	8.254
		TOTAL OBS 309	281	310	300	310	298	310	310	297	310	300	310	3645
16		MEAN 1016.91	1014.61	1014.41	1015.61	1015.71	1015.71	1016.61	1016.31	1015.41	1015.21	1016.31	1016.5	1015.8
		S. D. 10.808	10.702	9.795	7.592	4.988	4.397	3.816	3.580	5.680	8.545	10.318	10.971	8.115
		TOTAL OBS 308	282	309	300	310	299	309	310	298	309	300	310	3644
19		MEAN 1016.71	1014.41	1014.11	1015.21	1015.31	1015.31	1016.01	1015.81	1015.21	1015.21	1016.31	1016.5	1015.5
		S. D. 10.972	10.695	9.904	7.520	4.953	4.277	3.896	3.680	5.538	8.577	10.310	10.895	8.125
		TOTAL OBS 310	282	309	300	310	299	310	310	298	309	300	310	3647
22		MEAN 1017.11	1014.71	1014.61	1015.71	1015.91	1015.71	1016.51	1016.31	1015.71	1015.41	1016.71	1016.7	1015.9
		S. D. 10.990	10.738	9.988	7.497	5.025	4.344	3.950	3.790	5.568	8.764	10.203	10.803	8.149
		TOTAL OBS 309	282	310	300	310	300	308	309	299	309	300	310	3646
ALL HOURS		MEAN 1017.01	1014.91	1014.71	1016.01	1016.21	1016.01	1017.01	1016.71	1015.91	1015.51	1016.81	1016.7	1016.1
		S. D. 10.957	10.926	10.073	7.742	5.153	4.477	3.949	3.720	5.816	8.765	10.229	10.837	8.231
		TOTAL OBS 2474	2255	2478	2399	2479	2396	2475	2478	2390	2477	2399	2480	29180

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